



Paramount
resources ltd.

WELL HISTORY REPORT
PARAMOUNT RESOURCES LTD.

PARA ET AL CAMERON 2H-03

Grid: 60° 10' 117° 30'

WID 2073

UWI 302H036010117300

N E B COPY

Prepared by:
Brad Scott
June 2011

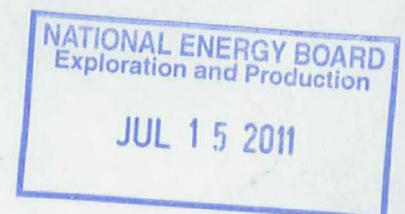


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INTRODUCTION

Executive Summary

Paramount Resources Ltd. (Paramount) drilled Para et al Cameron 2H-03 as a 2534 meter horizontal well. The well spud 2011/01/20 23:45 and final rig release was 2011/03/21 12:00. The rig was moved off location on 2011/02/04 to allow construction to run piles and repair the lease. The rig then returned to finish the hole on 2011/02/16. The purpose of the well was to evaluate hydrocarbon potential. The primary target was the Sulphur Point Dolomite formation with a secondary target in the Slave Point formation.

The drilling contractor was Nabor's Rig #24. The service rig contractor was Concord Rig #41. The swab rig contractor was Silverline.

The well was drilled on Production License No PL-017.

A cellar and conductor were pre-installed. Other than minor losses @ 152-172m, there were no significant drilling events on surface hole. A string of 244.5 mm surface casing was run to 361 m and cemented.

The casing and conductor were trimmed and the casing bowl was welded on. The BOP's were installed and function tested. The BOP's and manifold were pressure tested to 1500 kPa low pressure and 14,000 kPa high pressure (except annular preventer to 10,500 Kpa high).

The float collar and shoe were drilled out. No leak off test was performed as per waiver received 2010/11/23 from the Chief Conservation Officer of the National Energy Board. A 222 mm intermediate hole was drilled with a flocculated water system to below the Wabamun and then mudded up. No significant losses were encountered. After drilling to 1333 m MD, the lease began to settle badly around well centre making it difficult to keep the rig level over the hole. The rig was moved to the Para et al Cameron E-52 location to drill surface hole while construction ran piles and repaired the 2H-03 lease.

The rig returned to the 2H-03 location and resumed operations. It took 28 hours of reaming to return to 1333 m MD. The well was drilled to 1424 m MD where it appeared a motor failure occurred. It was determined that the mud motor had twisted off just below the dump sub. Fishing was attempted for 4.5 days without success. A 150 m cement plug was spotted from 1266 – 1416 m. The well was successfully sidetracked and drilled to an intermediate TD of 1534 m MD. Ten hours of reaming and cleaning were needed to clean the hole @ TD. The well drilled to TD without any other significant incidents.

Intermediate casing (177.8 mm) was run and cemented at 1532 m MD.

The float collar and shoe were drilled out. A 156 mm production hole was drilled with a gel/polymer mud system to a TD of 2534 m MD. The well drilled to TD without any reported losses or any other significant incidents.

A production liner (114.3 mm) incorporating a Packers Plus staged fracture set up was run to

2529m MD.

Completions Summary

The well was stage acid fractured (frac'd) in the Sulphur Point Dolomite formation. Nine stages were frac'd in total, using 40 m³ of Hydrochloric Acid per stage (assisted by nitrogen) followed by 10 m³ of friction reduced water per stage. The frac was followed up with a 30 m³ fresh water flush. Total acid pumped was 364.4 m³, total nitrogen pumped was 21,593 sm³ and total water pumped was 120 m³. Total load fluid to recover from the well was 486 m³.

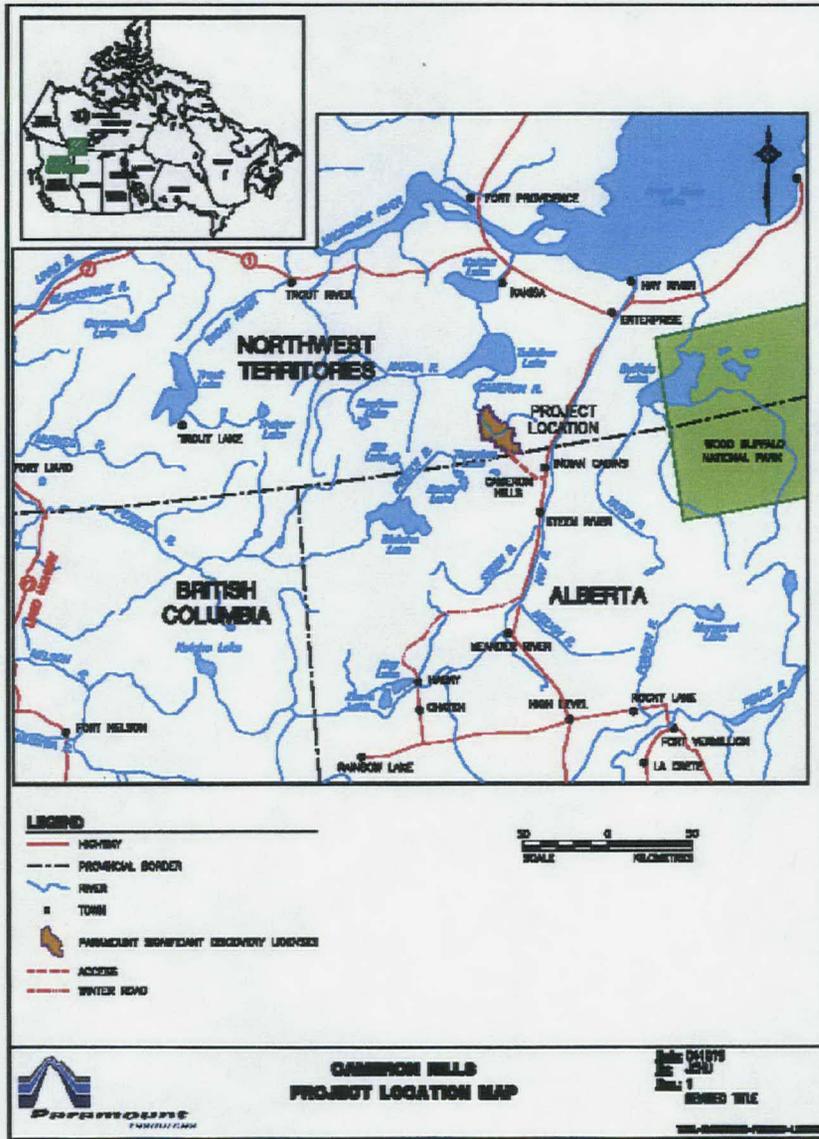
The well was opened up to flow and subsequently swabbed with the service rig and a Silverline swab rig to recover the load fluid.

A downhole pump, rods, pumping wellhead and pump jack were installed and the well was turned over to facilities to be tied in for production.

The initial shut-in casing pressure (SICP) on the well was 1988 kPa. The well was opened up to flow and 17.8 m³ was recovered in the first 30 mins. An additional 3.4 m³ was recovered over the next 1.5 hrs. The well was then shut in to record build up pressures.

Swab equipment was rigged in and swabbing operations were initiated to recover load fluid. After 30 hrs of swabbing, 150.76 m³ of load fluid was recovered. Concord Rig #41 was rigged out and moved off of location. A Silverline swab rig was moved onto location and rigged in. The well was swabbed for four days. Total water and oil recovered was 530.4 m³. The swab report can be found in the appendices.

Locality Map – Cameron Hills NWT



GENERAL DATA

Well Name: Para et al Cameron 2H-03

Well Identification Number (WID): 2073

Production License: PL-017

Location Unit: H

Section: 03

Grid Area: 60° 10' 117° 30'

Classification: Delineation

Surface Coordinates:

Latitude: 60° 02' 20.4"

Longitude: 117° 30' 6.3"

Unique Well Identifier: 302H036010117300

Operator: Paramount Resources Ltd.

Drilling Contractor: Nabors Drilling

Drilling Rig: Nabors Rig # 24,
(conventional mechanical double land rig rated for 2400 m)

Service Rig Contractor: Concord

Service Rig: Concord Rig #41

Swab Rig Contractor: Silverline

Difficulties and Delays:

Major sloughing of the lease at surface resulted in extreme difficulty keeping the rig level and operational. The rig was moved off just prior to reaching intermediate casing point so that piles could be run and the lease repaired. The rig was moved back onto location and operations resumed. A mud motor twisted off prior to intermediate casing point and several unsuccessful fishing attempts were undertaken. The well was successfully sidetracked and finished without any further difficulties.

Total Well Cost:

Drilling \$5,040,000

Completion \$1,626,500

\$ 6,666,500 5

Bottom Hole Co-ordinates:
Horizontal well
Latitude: 60° 01' 40.6"
Longitude: 117° 30' 5.7"

SUMMARY OF DRILLING OPERATIONS

Elevations:

Ground: 770.2 m above sea level (final "as built" survey)
KB: 777.22 m above sea level (rig jacked)
KB to Casing Flange: 5.02 m

Total Depth: 2534 mMD

Date and Hour Spudded: 2011/01/20 23:45

Date of Rig Release: 2011/03/21 12:00

Well status: Cased and Producing

Hole Sizes and Depths:

Conductor Hole: 610 mm to 24.3 m
Surface Hole: 311 mm to 361 mKB
Intermediate Hole: 222 mm to 1534 mMD
Production Hole: 156 mm to 2534 mMD

Casing and Cementing Record:

Conductor Hole:
Casing Size: 406 mm
Depth Set: 24.3 m
Cement Volume: 100 sacks
Cement Type: Portland

Surface Hole:

Casing Size: 244.5 mm
Casing Weight: 48.1 kg/m
Casing Grade: H-40
Thread: ST&C
Depth Set: 360 mKB
Cement Volume: 19 Tonnes
Cement Type: MaxxCem G
Additives: 1% CaCl₂
0.9% FL-5 (fluid loss control)
Cement Returns: 1.5m³ to surface
Bumped Plug: 7.7 MPa

Intermediate Hole:

Casing Size: 177.8 mm
Casing Weight: 34.2 kg/m
Casing Grade: L-80
Thread: LT&C
Depth Set: 1534 mMD
Cement Volume: 35.5 Tonnes
Cement Type : MaxxCemm G
Additives: 1% CaCl₂
0.9% FL-5 (fluid loss control)
Cement Returns: None observed at shakers
Bumped Plug: 12 MPa

Fishing Operations:

The well was drilled to 1424 m MD where it appeared a motor failure occurred. It was determined that the mud motor had twisted off just below the dump sub. Fishing was attempted for 4.5 days without success.

Sidetracked Hole: An 150 m cement plug was spotted from 1266 – 1416 m. The well was successfully sidetracked and drilled to an intermediate TD of 1534 m MD.

Drilling Fluid: See mud summary report in appendix

Conductor Hole: Dry drilled (auger)

Surface Hole: Shure Shale/PHPA

Properties: Viscosity: 33-40 sec/l
Weight: 1050 - 1060 kg/m³
pH: 8.0

Remarks: Gravel, rocks, loose sand 30-120m
Foaming & sticky natural clays

Int Hole (361– 1000 m): Floc water

Properties: Viscosity: 28-58 sec/l
Weight: 1000 - 1450 kg/m³
pH: 8.0 - 10
Remarks: No lost circulation in Wabamun

Int Hole (1000 – 1534m): Shure Shale/PHPA

Properties: Viscosity: 32 - 37 sec/l
Weight: 1040 - 1050 kg/m³
pH: 9.0 – 10.5
Remarks: Lots of foaming after cement plug

Prod Hole (1534-2534m): Low Density Polymer System

Properties: Viscosity: 38 – 40 sec/l

Weight: 1010 – 1040 kg/m³
pH: 9.5 – 10.5
Remarks: Minor issues sliding later part of
Lateral section

Well Kicks and Well Control Operations: None

Formation Leak Off Tests:

No leak off test was performed as per waiver received 2010/11/23 from the Chief Conservation Officer of the National Energy Board.

Deviation Survey: Horizontal Well (see directional surveys in Appendices)

COMPLETIONS

The well is currently multi-stage frac'd in the Sulphur Point Dolomite and on production.

Completion Operations

The well was strage acid fractured (frac'd) in the Sulphur Point Dolomite formation. Nine stages were frac'd in total, using 40 m3 of Hydrochloric Acid per stage (assisted by nitrogen) followed by 10 m3 of friction reduced water per stage. The frac was followed up with a 30 m3 fresh water flush. Total acid pumped was 364.4 m3, total nitrogen pumped was 21,593 sm3 and total water pumped was 120 m3. Total load fluid to recover from the well was 486 m3.

The initial shut-in casing pressure (SICP) on the well was 1988 kPa. The well was opened up to flow and 17.8 m3 was recovered in the first 30 mins. An additional 3.4 m3 was recovered over the next 1.5 hrs. The well was then shut in to record build up pressures.

Swab equipment was rigged in and swabbing operations were initiated to recover load fluid. After 30 hrs of swabbing, 150.76 m3 of load fluid was recovered. Concord Rig #41 was rigged out and moved off of location. A Silverline swab rig was moved onto location and rigged in. The well was swabbed for four days. Total water and oil recovered was 530.4 m3. The swab report can be found in the appendices.

A downhole pump, rods, pumping wellhead and pump jack were installed and the well was turned over to facilities to be tied in for production.

GEOLOGY

Geological Markers

K.B: 777.22m

FORMATION MARKER	SAMPLE TOP		LOGS TOP		
	TMD (m)	TVD(m)	TMD (m)	TVD(m)	Subsea (m)
WABAMUN	-	-	551.5	551.5	225.72
	-	-			
JEAN MARIE	-	-	712.0	712.0	065.22
FORT SIMPSON	-	-	720.0	720.0	057.22
TWIN FALLS	-	-	832.0	832.0	054.78
HAY RIVER	-	-	1065.0	1065.0	-287.78
BEAVERHILL LAKE	1325.0	1322.0	1325.0	1322.0	-544.78
SLAVE POINT	1353.0	1346.0	1352.0	1345.5	-568.28
F 4	1412.0	1387.0	1411.5	1386.5	-609.28
WATT MOUNTAIN	1425.5	1394.0	1424.0	1393.5	-616.28
SULPHUR POINT LST	1433.0	1397.5	1431.5	1397.0	-619.78
SULPHUR POINT DOL.	1483.5	1415.0	1486.0	1415.0	-638.56
ICP/LANDING	1534.0	1422.26	-	-	-645.04
LR. SULPHUR PT. DOL AT HEEL			1544.0	1423.02	-645.80
LR. SULPHUR PT. DOL AT TOE			2530.0	1421.22	-644.00
TOTAL DEPTH DRILLER	2537.0	421.20	2537.0	1421.20	-643.98
TOTAL DEPTH LOGGERS			2535.1	1421.20	-643.98

(From Geological Report – full version in the Appendices)
Sample Descriptions: See the Geological Report in the Appendices.

Gas detection report:

A gas detector was utilized from the drill out of the conductor pipe to total depth. The gas detector readings are included on the composite geological log in the Appendices.

Well evaluation:

The following logs were run:

Compensated Neutron Density Gamma Ray Log:	5.05 - 2511 mMD
Density Porosity Log:	1532 - 2511 mMD
Dual Induction Gamma Ray:	1532 - 2511 mMD

APPENDICES

1. Daily Drilling Reports
2. Casing and Cementing Reports
3. Daily Completion Reports
4. Stimulation and Tubing Reports
5. Geological Report
6. Geological Striplog
7. Drilling Fluid Reports
8. Directional Surveys
9. Swab Reports



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/17/2011

Report #: 1.0

Depth Progress:

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 457,375

Cum Cost to Date: 457,375

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: -2.56days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather light snow	Temperature (°C) -35	Lease Condition
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Operation at 6am

Wait on daylight to start load out from Rainbow Lake

Operations Summary

Transported 10 loads from the rack site in Rainbow Lake to location, only 4 trucks unloaded on site. Drilled the Rathole and spotted the Wellsite supervisors shack, issues with communication and the rental generator delayed rig up a great deal.

Operations Next Report Period

Move the rig from Rainbow Lake to location,

Remarks

Entered all cost estimates for wellsite access, construction, engineering and things of that nature.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 26.0	Personnel Total Hours (hr) 1,172.00	Cum Personnel Total Hours (hr) 1,172.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
Title Tool Push	Job Contact Mike Nugent	Phone Mobile 866 499 7213

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	07:45	7.75	7.75	W/O Daylight	W/O DAYLIGHT
07:45	08:00	0.25	8.00	Safety meeting	SAFETY MEETING WITH MULLEN TRUCKING
08:00	16:00	8.00	16.00	Move rig	LOAD UP AND MOVE THE RIG FROM FLINTS YARD IN RAINBOW LAKE TO NEW LOCATION IN NWT
16:00	18:00	2.00	18.00	Move rig	SPOT & RIG UP SHACKS
18:00	00:00	6.00	24.00	W/O Daylight	W/O DAYLIGHT TO SPOT MATTING & RIG

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
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MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/17/2011

Report #: 1.0

Depth Progress:

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 457,375

Cum Cost to Date: 457,375

DFS: -2.56days

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)		Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m ³ /min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m ³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/18/2011

Report #: 2.0

Depth Progress:

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 167,735

Cum Cost to Date: 625,110

API/UW 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: -1.56days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather overcast	Temperature (°C) -32	Lease Condition
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Operation at 6am
Two rig hands watching the boiler and running cords

Operations Summary
Spotted all the rental and rig matting, all rig and rental buildings spotted. Trucks were released @ 17:00hrs, the rig crew ran fuel, power cables and air lines in preparation for raising the derrick. The derrick was raised @ 17:30 hours and was telescoped out @ 19:30hrs. The boiler was fired and two Nabors crew members worked the night shift to monitor the boiler, tidy up and run cords

Operations Next Report Period
General rig up and rental equipment tie in, conduct the rig electrical inspection

Remarks
We began the day with the orientation and the introduction of the Cameron Hills winter drilling program. Discussed in depth all aspects of the Paramount Tri Fold safety book, specific attention was directed at project overview, personnel responsibilities, environmental sensitivities and the drilling of the 2H-03 well.

Incidents: The trucking supervisor slipped and rolled his ankle, he reported it straight away then returned to work

No equipment damage on the rig move

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 52.0	Personnel Total Hours (hr) 1,016.00	Cum Personnel Total Hours (hr) 2,188.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	07:30	7.50	7.50	W/O Daylight	W/O DAYLIGHT TO SPOT THE MATTING & RIG
07:30	08:00	0.50	8.00	Safety meeting	RIG CREW ORIENTATION AND INTRODUCTION TO THE CAMERON HILLS WINTER DRILLING PROGRAM, DISCUSSED ALL ASPECTS OF THE PARAMOUNT TRI FOLD SAFETY BOOK, SPECIFIC ATTENTION DIRECTED AT PROJECT OVERVIEW, SAFETY, ENVIRONMENTAL ISSUES, THE DRILLING OF THE 2H-03 WELL
08:00	08:30	0.50	8.50	Safety meeting	COMPLETED ORIENTATION AND SAFETY MEETING, HELD PRE RIG MOVE AND RIG UP SAFETY MEETINGS
08:30	16:00	7.50	16.00	Move rig	SPOT MATTING, RIG & SHALE TANK
16:00	18:00	2.00	18.00	Rig up	RIG UP FUEL, STEAM LINES, AIR, HYDRAULIC LINES & RAISE THE DERRICK / SPOT FUEL TANK, CENTRIFUGE TANK & 400 BBL TANKS, SPOTTED THE BJ SKID PUMPER UNIT, PLAN ON SLIDING THE GENERATOR INTO PLACE WHEN BJ DOES ARRIVE TO CEMENT SURFACE CASING
18:00	20:00	2.00	20.00	Rig up	RIG UP FUEL, STEAM LINES, AIR, HYDRILIC LINES & RAISE THE DERRICK / SPOT FUEL TANK, CENTRIFUGE TANK & 400 BBL TANKS
20:00	00:00	4.00	24.00	Rig up	CIRCULATE & MONITOR BOILER, RUN POWER CORDS AND TIDY UP

MUD CHECKS							
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)	
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...	
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)		

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/18/2011

Report #: 2.0

Depth Progress:

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 167,735

Cum Cost to Date: 625,110

DFS: -1.56days

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
1/18/2011	Safety Meeting	RIG MOVE
1/18/2011	Safety Meeting	RAISE DERRICK

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

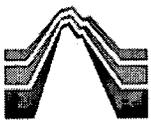
Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/19/2011

Report #: 3.0

Depth Progress:

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 129,144

Cum Cost to Date: 754,254

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: -0.56days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations

Start Depth (mKB) 0.00	End Depth (mKB) 0.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -24	Lease Condition
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Operation at 6am

General rig up and prepping to spud

Operations Summary

Installed heads and liners in the mud pump, thawed mud lines and gun lines. Rigged in lights and power cords, spotted rental flare tank and tied in the gut line. Installed rig prefabs and rigged up the drill floor. Wellsite trailer sewer line install completed (took 36 hrs)
Welders truck broke down, sent him out on a Tow Truck, he is to return in the morning

Rigged in the United Oilfield centrifuge and flocc tank, built snow ramps for the open ended shale bins

Welded conductor pipe and installed drain

Operations Next Report Period

Continue general rig up, inspect the rig and spud the well

Remarks

No accidents or incidents
Nabors field sup was completing the Nabors drilling rig inspections

Laforce electric was on location to perform the required electrical inspection, a few deficiencies were noted and will be rectified Jan 2011

Nabors rig mechanic and welder modifying all rig engine crankshaft breathers so they are self contained and do not breathe through the floors

Took delivery of the Mud Van and the teledrift survey tool

The camp light plant was down for 2 hours, fuel issues. The camp refrigerator compressor was changed
INAC was out to perform a sight inspection

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 26.0	Personnel Total Hours (hr) 600.00	Cum Personnel Total Hours (hr) 2,788.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	07:00	7.00	7.00	Rig up	conintue to monitor boiler & tidy rig
07:00	07:15	0.25	7.25	Safety meeting	pretour safety meeting
07:15	12:00	4.75	12.00	Rig up	rig up water weld on conductor bbl, install prefabs in cellar & drill floor
12:00	18:45	6.75	18.75	Rig up	Rig in floor mud tank pump manifold pason rig up flare tank & Lines (Inspect All power outlets & Lines with Laforce safe work permit # 4843), pick up kelly, rig up centerfudge tank
18:45	19:00	0.25	19.00	Safety meeting	Handover safety meeting with rig crews
19:00	00:00	5.00	24.00	Rig up	Cont to rig Steam into manifold bulding dress pump with 6" liners

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/19/2011

Report #: 3.0

Depth Progress:

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 129,144

Cum Cost to Date: 754,254

DFS: -0.56days

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
1/19/2011	Safety Meeting	RIG UP
1/20/2011	Safety Meeting	Riging up flare tank & other rig equipment
1/20/2011	Safety Meeting	Riging up flare tank & other rig equipment

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/20/2011
Report #: 4.0
Depth Progress: 10.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 80,998
Cum Cost to Date: 835,252

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 0.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 23.77	End Depth (mKB) 27.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Overcast	Temperature (°C) -25	Lease Condition
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Operation at 6am
Drilling 311mm surface hole @ 75m

Operations Summary
Continued with general rig up, crackshaft breather installation completed by Nabors mechanic and rig welder. Shale slide modification completed. Rig up centrifuge and plumbed 3rd party enviro tank. Strapped bha made up kelly, hooked up Pason cables and flow sho. Built snow ramps for shale tanks

Conducted drilling rig inspection and completed drilling rig electrical inspection. Hazard hunt and pre-spud meeting held with all drilling personnel Made up the 311mm bha, checked circulating system and spudded the well.

2H-03 spudded @ 23:45hrs

Operations Next Report Period
Drill ahead

Remarks

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 26.0	Personnel Total Hours (hr) 600.00	Cum Personnel Total Hours (hr) 3,388.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
07:00	14:00	7.00	14.00	Rig up	CONT TO RIG UP FLARE TANK MUD TANK HY PIPE TUB & MOVE BHA TO CATWALK
00:00	07:00	7.00	7.00	Rig up	CONT TO RIG UP FLARE TANK MUD TANK HY PIPE TUB & MOVE BHA TO CATWALK
14:15	14:30	0.25	14.50	Safety meeting	HANDOVER SAFETY MEETING WITH RIG CREWS
14:00	14:15	0.25	14.25	Safety meeting	HANDOVER SAFETY MEETING WITH RIG CREWS
19:15	00:00	4.75	24.00	Rig up	CONT TO RIG UP, PREPARE BHA, STRAP, AND CALIPER SAME. ASSIST WELDER AND MECHANIC, THAW OUT MUD TANKS, RIG UP CENTERFUGE
14:30	19:15	4.75	19.25	Rig up	CONT TO RIG UP, PREPARE BHA, STRAP, AND CALIPER SAME. ASSIST WELDER AND MECHANIC, THAW OUT MUD TANKS, RIG UP CENTERFUGE
07:00	14:00	7.00	38.00	Rig up	MIX SPUD MUD. MODIFY SHAKER SLIDE FOR SHALE DRYER, ASSIST WELDER AND MECHANIC WITH RIG MODIFICATIONS (SPILL PREVENTION) PREPARE TO SPUD, COMPLETED TIE IN OF ENVIRO TANK, COMPLETED ELECTRICAL INSPECTION, RIG IN SHALE DRYER, BUILD SNOW RAMPS, STRAP BHA
00:00	07:00	7.00	31.00	Rig up	MIX SPUD MUD. MODIFY SHAKER SLIDE FOR SHALE DRYER, ASSIST WELDER AND MECHANIC WITH RIG MODIFICATIONS (SPILL PREVENTION) PREPARE TO SPUD, COMPLETED TIE IN OF ENVIRO TANK, COMPLETED ELECTRICAL INSPECTION, RIG IN SHALE DRYER, BUILD SNOW RAMPS, STRAP BHA
14:15	14:30	0.25	38.50	Safety meeting	SAFETY MEETING WITH BOTH RIG CREWS, PARAMOUNT REP, MUD ENGINEER, TOPIC OF DISCUSSION RELATING TO CREW AND OVERALL SITE COMMUNICATION, WORKING TOGETHER AND THINGS OF THAT NATURE
14:00	14:15	0.25	38.25	Safety meeting	SAFETY MEETING WITH BOTH RIG CREWS, PARAMOUNT REP, MUD ENGINEER, TOPIC OF DISCUSSION RELATING TO CREW AND OVERALL SITE COMMUNICATION, WORKING TOGETHER AND THINGS OF THAT NATURE



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/20/2011
Report #: 4.0
Depth Progress: 10.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 80,998
Cum Cost to Date: 835,252

DFS: 0.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
18:30	22:30	4.00	46.50	Rig up	WORKED OUT PASON ISSUES, WORKED ON PUMP CLUTCH AIR LINE, FUNCTIONED MOTOR KILLS, GENERAL RIG CLEANUP, MAKE UP 311MM BIT AND 203MM BHA
14:30	18:30	4.00	42.50	Rig up	WORKED OUT PASON ISSUES, WORKED ON PUMP CLUTCH AIR LINE, FUNCTIONED MOTOR KILLS, GENERAL RIG CLEANUP, MAKE UP 311MM BIT AND 203MM BHA
22:45	23:00	0.25	47.00	Safety meeting	ENGAGED MUD PUMP AND TESTED CIRCULATORY SYSTEM, CONDUCTED HAZARD HUNT
22:30	22:45	0.25	46.75	Safety meeting	ENGAGED MUD PUMP AND TESTED CIRCULATORY SYSTEM, CONDUCTED HAZARD HUNT
23:15	23:30	0.25	47.50	Safety meeting	PRE-SPUD SAFETY MEETING, DISCUSSED DRILLING PARAMETERS, FLUID AND CUTTINGS HANDLING, RE-INFORCED THE IMPORTANCE OF HANDLING TUBULARS, EMERGENCY CONTACTS AND PROCEDURES
23:00	23:15	0.25	47.25	Safety meeting	PRE-SPUD SAFETY MEETING, DISCUSSED DRILLING PARAMETERS, FLUID AND CUTTINGS HANDLING, RE-INFORCED THE IMPORTANCE OF HANDLING TUBULARS, EMERGENCY CONTACTS AND PROCEDURES
23:45	00:00	0.25	48.00	Drill	DRILL 311MM FR/22M TO 27M
23:30	23:45	0.25	47.75	Drill	DRILL 311MM FR/22M TO 27M

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Slab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	8,877.44	8,877.44
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1.77	1010.0	35	9.0			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
ALKAPAM 1103D	227.00	2.0
DEFOAMER XL	210.34	2.0
DRISPAC PLUS REGULAR	198.45	5.0
HYPERDRILL 247RD	227.45	4.0
INHIBIDRILL	195.51	21.0
KELZAN	498.75	4.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run 1	Bit Type Bit	Size (mm) 311.2	Make KINGDREAM	Model HT03GLC	Serial Number L29145	IADC Codes 417
Nozzles (mm)	Depth In (mKB) 22.00	Depth Out (mKB) 27.00	Depth Drilled (m) 5.00	Drilling Time (hr) 0.25	BHA ROP (m/hr) 20.0	IADC Bit Dull -----



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/20/2011
Report #: 4.0
Depth Progress: 10.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 80,998
Cum Cost to Date: 835,252

DFS: 0.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
X/O	76.0	295.0	1	0.67	20.39
DC (8.00 IN)	76.0	198.0	1	9.17	19.72
DC (8.00 IN)	76.0	195.0	1	9.39	10.55
BIT SUB	74.0	202.0	1	0.82	1.16

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
22.00	27.00		3,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
100		100		0.25		
Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
1	Bit	311.2	KINGDREAM	HT03GLC	L29145	417
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
	23.77	361.00	339.00	28.00	12.1	2-2-WT-A-E-0.00-NO-TD

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			5	94.74	369.67
X/O	76.0	295.0	1	0.67	274.93
HWDP(4.0 IN)	64.0	102.0	9	84.41	274.26
DC (8.00 IN)	76.0	198.0	1	9.17	189.85
DC (5.00 IN)	60.0	126.0	9	86.41	180.68
DC (8.00 IN)	76.0	195.0	1	9.39	94.27
JARS-HYD/MECH	59.0	125.0	1	5.32	84.88
BIT SUB	74.0	202.0	1	0.82	79.56
DC (5.00 IN)	60.0	126.0	5	47.96	78.74
DC (5.00 IN)	60.0	128.0	1	9.58	30.78
X/O	62.0	158.0	1	0.81	21.20
X/O	76.0	295.0	1	0.67	20.39
DC (8.00 IN)	76.0	198.0	1	9.17	19.72
DC (8.00 IN)	76.0	195.0	1	9.39	10.55
BIT SUB	74.0	202.0	1	0.82	1.16

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
23.77	28.77		3,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
100		100		0.25		

SAFETY CHECKS

Date	Type	Des
1/21/2011	Safety Meeting	CHEAGING WASH PIPE
1/21/2011	Safety Meeting	CHEAGING WASH PIPE

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*30m)
1/21/2011	34.00	0.00	0.00	34.00	0.00	0.00	0.00	0.00
1/21/2011	35.77	0.00	0.00	35.77	0.00	0.00	0.00	0.00



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/20/2011

Report #: 4.0

Depth Progress: 10.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 80,998

Cum Cost to Date: 835,252

DFS: 0.44days

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
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Daily Drilling

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

Business Unit: **NE BC & NWT COU**
Rig: **24 Nabors Drilling**

Report For: **1/21/2011**
Report #: **5.0**
Depth Progress: **196.00**

Total AFE Amount: **2,535,440**
AFE Number: **10N110009**
Daily Cost: **59,071**
Cum Cost to Date: **894,323**

API/UW 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 1.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 27.00	End Depth (mKB) 223.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -23	Lease Condition
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Operation at 6am
Drilling 311mm surface hole @ 317m

Operations Summary

Drilled surface hole from 23m to 223m. Hole cleaning well, no issues. The Swivel washpipe was replaced, pump liner and gasket needed changing, we tripped into the conductor and replaced the dies on the kelly spinner, connections were taking 20m using chain tongs. The teledrift survey tool was not working, began running wireline surveys @ 91m survey depth

Operations Next Report Period

Drill to 350m+/- wiper trip and strap out, drill to TD

Remarks

DELIVERIES: 244.5mm casing delivered

Laforce Electric service and inspection costs for the camps and the rig entered, will forward inspection letters when they arrive.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 25.0	Personnel Total Hours (hr) 576.00	Cum Personnel Total Hours (hr) 3,964.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
02:45	05:30	2.75	5.50	Drill	DRILL 311MM HOLE FR/27M TO 45M
00:00	02:45	2.75	2.75	Drill	DRILL 311MM HOLE FR/27M TO 45M
06:00	06:30	0.50	6.50	Rig Service	RIG SERVICE GREASE WASH PIPE CHECK OIL LEVEL IN FLOOR MOTOR TIGHTEN DRIVE LINE BOLTS
05:30	06:00	0.50	6.00	Rig Service	RIG SERVICE GREASE WASH PIPE CHECK OIL LEVEL IN FLOOR MOTOR TIGHTEN DRIVE LINE BOLTS
07:30	08:30	1.00	8.50	Drill	DRILL 311MM HOLE FR/ 45M TO 55M
06:30	07:30	1.00	7.50	Drill	DRILL 311MM HOLE FR/ 45M TO 55M
09:15	10:00	0.75	10.00	Other	CHANGED OUT WASH PIPE
08:30	09:15	0.75	9.25	Other	CHANGED OUT WASH PIPE
12:00	14:00	2.00	14.00	Drill	DRILL 311MM HOLE FR/ 55M TO 81M
10:00	12:00	2.00	12.00	Drill	DRILL 311MM HOLE FR/ 55M TO 81M
14:15	14:30	0.25	14.50	Safety meeting	HANDOVER SAFETY MEETING
14:00	14:15	0.25	14.25	Safety meeting	HANDOVER SAFETY MEETING
15:00	15:30	0.50	15.50	Drill	DRILL 311MM HOLE FROM 81M-94M
14:30	15:00	0.50	15.00	Drill	DRILL 311MM HOLE FROM 81M-94M
15:30	16:15	0.75	16.25	Repair Rig	CHANGE LINER GASKET
16:15	17:00	0.75	17.00	Other	CHANGE LINER GASKET
17:15	17:30	0.25	17.50	Ream & Clean	REAM & CLEAN TO BOTTOM
17:00	17:15	0.25	17.25	Ream & Clean	REAM & CLEAN TO BOTTOM
19:00	20:30	1.50	20.50	Drill	DRILL 311MM HOLE FROM 94M-99M
17:30	19:00	1.50	19.00	Drill	DRILL 311MM HOLE FROM 94M-99M
21:30	22:30	1.00	22.50	Deviation survey	CUMMULATIVE SURVEYS, CONNECTIONS, WORK PIPE
20:30	21:30	1.00	21.50	Deviation survey	CUMMULATIVE SURVEYS, CONNECTIONS, WORK PIPE
23:15	00:00	0.75	24.00	Rig Repair	RIG REPAIR PULL 2 STANDS CHANGE OUT KELLY SPINNER DIES
22:30	23:15	0.75	23.25	Rig Repair	RIG REPAIR PULL 2 STANDS CHANGE OUT KELLY SPINNER DIES



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 1/21/2011
Report #: 5.0
Depth Progress: 196.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 59,071
Cum Cost to Date: 894,323

DFS: 1.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
01:30	03:00	1.50	27.00	Rig Repair	RIG REPAIR CONTINUE TO REPAIR KELLY SPINNER DIES AND RUN IN TO BTM
00:00	01:30	1.50	25.50	Rig Repair	RIG REPAIR CONTINUE TO REPAIR KELLY SPINNER DIES AND RUN IN TO BTM
08:30	14:00	5.50	38.00	Drill	DRILL 311MM HOLE 99M- 156M
03:00	08:30	5.50	32.50	Drill	DRILL 311MM HOLE 99M- 156M
14:15	14:30	0.25	38.50	Safety meeting	PRE TOUR SAFETY MEETING WITH CREWS
14:00	14:15	0.25	38.25	Safety meeting	PRE TOUR SAFETY MEETING WITH CREWS
18:00	21:30	3.50	45.50	Drill	DRILL 311MM HOLE FR/156M TO 223M
14:30	18:00	3.50	42.00	Drill	DRILL 311MM HOLE FR/156M TO 223M
22:30	23:30	1.00	47.50	Wireline Surveys - Single shot surveys	ACCUM CONNECTIONS & WIRELINE SURVEYS
21:30	22:30	1.00	46.50	Wireline Surveys - Single shot surveys	ACCUM CONNECTIONS & WIRELINE SURVEYS
23:45	00:00	0.25	48.00	Rig Service	RIG SERVICE GREASE WASH PIPE BLOCKS & DRIVER LINE
23:30	23:45	0.25	47.75	Rig Service	RIG SERVICE GREASE WASH PIPE BLOCKS & DRIVER LINE

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	2,544.24 11,421.68	
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
	1.77	1130.0	42	8.0		

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DEFOAMER	210.34	2.0
DEFOAMER	210.34	2.0
DETERGENT	61.30	3.0
DETERGENT		2.0
HYPERDRILL 247RD		2.0
HYPERDRILL 247RD	227.45	2.0
INHIBDRILL	133.01	8.0
INHIBDRILL		13.0
KELZAN XCD		2.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/21/2011
Report #: 5.0
Depth Progress: 196.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 59,071
Cum Cost to Date: 894,323

DFS: 1.44days

BIT SUMMARY

Bit Run 1	Bit Type Bit	Size (mm) 311.2	Make KINGDREAM	Model HT03GLC	Serial Number L29145	IADC Codes 417
Nozzles (mm)	Depth In (mKB) 23.77	Depth Out (mKB) 361.00	Depth Drilled (m) 339.00	Drilling Time (hr) 28.00	BHA ROP (m/hr) 12.1	IADC Bit Dull 2-2-WT-A-E-0.00-NO-TD

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			5	94.74	369.67
X/O	76.0	295.0	1	0.67	274.93
HWDP(4.0 IN)	64.0	102.0	9	84.41	274.26
DC (8.00 IN)	76.0	198.0	1	9.17	189.85
DC (5.00 IN)	60.0	126.0	9	86.41	180.68
DC (8.00 IN)	76.0	195.0	1	9.39	94.27
JARS-HYD/MECH	59.0	125.0	1	5.32	84.88
BIT SUB	74.0	202.0	1	0.82	79.56
DC (5.00 IN)	60.0	126.0	5	47.96	78.74
DC (5.00 IN)	60.0	128.0	1	9.58	30.78
X/O	62.0	158.0	1	0.81	21.20
X/O	76.0	295.0	1	0.67	20.39
DC (8.00 IN)	76.0	198.0	1	9.17	19.72
DC (8.00 IN)	76.0	195.0	1	9.39	10.55
BIT SUB	74.0	202.0	1	0.82	1.16

DRILLING SUMMARY

Start Depth (mKB) 27.00	End Depth (mKB) 99.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 5,500	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 160	Motor RPM (rpm)	Bit RPM (rpm) 160	Slack-Off String Weight (daN)	Drilling Time (hr) 9.00		
Start Depth (mKB) 99.00	End Depth (mKB) 223.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 10,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 165	Motor RPM (rpm)	Bit RPM (rpm) 165	Slack-Off String Weight (daN)	Drilling Time (hr) 9.00		

SAFETY CHECKS

Date	Type	Des
1/21/2011	Safety Meeting	HWDP CONNECTION
1/21/2011	Safety Meeting	HWDP CONNECTION
1/22/2011	Safety Meeting	WORKING WITH CASING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)
1/21/2011	152.77	1.10	0.00	152.76	1.72	0.00	-1.72	0.00
1/21/2011	179.00	1.10	0.00	178.98	2.22	0.00	-2.22	0.00
1/21/2011	180.77	1.10	0.00	180.75	2.25	0.00	-2.25	0.00
1/22/2011	245.00	1.10	0.00	244.97	3.49	0.00	-3.49	0.00
1/22/2011	283.00	0.91	0.00	282.96	4.15	0.00	-4.15	0.15

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/22/2011
Report #: 6.0
Depth Progress: 138.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 40,972
Cum Cost to Date: 935,295

API/UM 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 2.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 223.00	End Depth (mKB) 361.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear, Cold and Windy	Temperature (°C) -25	Lease Condition
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Operation at 6am
Circulating and washing surface casing @ 88m

Operations Summary
Drilled 311mm hole from 223m to 252m, the hole drilled nicely, seepage losses were minimal, bit balling and a plugged nozzle port were evident prior to wiper tripping. Wiper tripped @ 252m strapping out of the hole. The hole was tight at 208m, worked through it with minimal overpull. Cleaned the balled bit and unplugged the nozzle ports, two of the three. Evidence of a forming mud rig evident on tool joints. Bridged off at 214m on the way in the hole, picked up the kelly several times on the way in, it took about an hour to wash through bridges. Drilled from 352m to 361m surface TD. Mixed Kelzan to increase yield point to a 12 with a 55vis prior to tripping out to run surface casing circulated for 1.5 hours Tripped out to the 203mm collars to run casing, max overpull 9daN on the trip out.

Operations Next Report Period
Complete running of 244.5mm casing and cement

Remarks
The 350m wiper trip was quite slow (7hours), green crews and frequent training sessions were contributing factors. Dumped 20 sawdust sacs and some TKPP to break up the mud ring and sticky cuttings, the hole unloaded for 45 minutes once on bottom.

BJ cementers on location @ 13:00hrs

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 25.0	Personnel Total Hours (hr) 576.00	Cum Personnel Total Hours (hr) 4,540.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	07:00	7.00	7.00	Drill	DRILL 311MM HOLE FR/ 223M TO 326M
07:00	07:15	0.25	7.25	Safety meeting	PRE TOUR CREW MEETING WITH BOTH CREWS
07:15	09:45	2.50	9.75	Drill	DRILL 311MM HOLE FR/ 326M TO 352 M.
09:45	11:45	2.00	11.75	Deviation survey	ACCUMULATING DEVIATION SURVEYS , CONNECTIONS, WORK PIPE
11:45	12:00	0.25	12.00	Condition mud & circulate	CONDITION MUD & CIRCULATE
12:00	12:15	0.25	12.25	Safety meeting	SAFETY MEETING PRIOR TO TRIP
12:15	12:45	0.50	12.75	Condition mud & circulate	CONDITION MUD & CIRCULATE
12:45	16:30	3.75	16.50	Trips	TRIPS POOH (STRAP OUT)
16:30	18:45	2.25	18.75	Trips	CLEAN OFF BIT, RIH TIGHT SPOT @214M
18:45	19:00	0.25	19.00	Ream & Clean	REAM & CLEAN TIGHT SPOT @214M 202m
19:00	19:15	0.25	19.25	Safety meeting	HANDOVER SAFETY MEETING WITH CREWS
19:15	21:00	1.75	21.00	Trip in hole	RUN IN HOLE FR/ 202M TO 300M WASH TO BOTOM FR/ 300M TO 350M
21:00	21:15	0.25	21.25	Drill	DRILL 311MM HOLE FR/ 352M TO 361M TD
21:15	22:30	1.25	22.50	Circulate And Condition	CIRCULATE AND CONDITION HOLE & MUD FOR TRIP OUT /CASING
22:30	00:00	1.50	24.00	Trip out of hole	P.O.O.H. FOR CASING



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/22/2011
 Report #: 6.0
 Depth Progress: 138.00

Business Unit: NE BC & NWT COU
 Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 40,972
 Cum Cost to Date: 935,295

DFS: 2.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	2,219.00	13,640.68
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	5.746
361.00	1140.0	4,752	8.0			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DETERGENT	61.30	3.0
DETERGENT	61.30	1.0
INHIBIDRILL	195.51	4.0
INHIBIDRILL	195.51	1.0
SAWDUST	6.64	35.0
TKPP	152.77	3.0
TKPP	152.77	2.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
1		127.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
1		127.0
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
1		127.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
1		127.0

BIT SUMMARY

Bit Run 1	Bit Type Bit	Size (mm) 311.2	Make KINGDREAM	Model HT03GLC	Serial Number L29145	IADC Codes 417
Nozzles (mm)	Depth In (mKB) 23.77	Depth Out (mKB) 361.00	Depth Drilled (m) 339.00	Drilling Time (hr) 28.00	BHA ROP (m/hr) 12.1	IADC Bit Dull 2-2-WT-A-E-0.00-NO-TD

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			5	94.74	369.67
X/O	76.0	295.0	1	0.67	274.93
HWD(4.0 IN)	64.0	102.0	9	84.41	274.26
DC (8.00 IN)	76.0	198.0	1	9.17	189.85
DC (5.00 IN)	60.0	126.0	9	86.41	180.68
DC (8.00 IN)	76.0	195.0	1	9.39	94.27
JARS-HYD/MECH	59.0	125.0	1	5.32	84.88
BIT SUB	74.0	202.0	1	0.82	79.56
DC (5.00 IN)	60.0	126.0	5	47.96	78.74
DC (5.00 IN)	60.0	128.0	1	9.58	30.78
X/O	62.0	158.0	1	0.81	21.20
X/O	76.0	295.0	1	0.67	20.39
DC (8.00 IN)	76.0	198.0	1	9.17	19.72
DC (8.00 IN)	76.0	195.0	1	9.39	10.55
BIT SUB	74.0	202.0	1	0.82	1.16



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/22/2011
 Report #: 6.0
 Depth Progress: 138.00

Business Unit: NE BC & NWT COU
 Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 40,972
 Cum Cost to Date: 935,295

DFS: 2.44days

DRILLING SUMMARY

Start Depth (mKB)	223.00	End Depth (mKB)	352.00	ROP Instantaneous (min/m)	Weight on Bit (daN)	11,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	155	Motor RPM (rpm)		Bit RPM (rpm)	155		Slack-Off String Weight (daN)	Drilling Time (hr)	9.50
Start Depth (mKB)	352.00	End Depth (mKB)	361.00	ROP Instantaneous (min/m)	Weight on Bit (daN)	10,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	170	Motor RPM (rpm)		Bit RPM (rpm)	170		Slack-Off String Weight (daN)	Drilling Time (hr)	0.25

SAFETY CHECKS

Date	Type	Des
1/22/2011	Safety Meeting	TRIPPING
1/23/2011	Safety Meeting	RUNING CASING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/23/2011
Report #: 7.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 136,531
Cum Cost to Date: 1,071,826

API/UVI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 3.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02	

Daily Operations

Start Depth (mKB) 361.00	End Depth (mKB) 361.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Cloudy	Temperature (°C) -23	Lease Condition
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Operation at 6am

Complete nipple up, pressure test bops

Operations Summary

Laid down the 203mm drill collars and 311mm bit, rig ged up to run casing, held pre job safety meeting made floats and shoe, floats ok. Ran 27 joints of 244.5mm H-40 Range 3 casing set @ 360m, had to wash the casing in from 80m to 130m, this took considerable time. Once on bottom shortened the mud system and mixed desco and water to reduce YP and viscosity. Rigged up and tied in the BJ cement crew, cemented surface casing with 19t (16.20m3) Maxxcem G cement blend 1%CaCl2, .90% FL-5 Fluid loss control, dropped the top plug and displaced with 14.22m3 H2O bumped plug at 7.7mpa, good returns throughout the job, 1.5m3 cement returns. Pressure tested casing 1.5mpa (7.7mpa) over final pressure and held for 10min, tested high 12.5mpa for 10min, bled off tested floats held ok, annulus level static. The rig crew flushed the conductor and WOC for 6 hours. While WOC rigged out BJ, cleaned mud tanks, began mud stripping operations. Cut conductor, and rough cut casing, preheated the casing bowl to 270 deg, welded as per GE procedure, tested bowl @ 7000kpa for 10min

Operations Next Report Period

Nipple up, pressure test, strip mud

Remarks

Casing, Cementing cost entered

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 25.0	Personnel Total Hours (hr) 576.00	Cum Personnel Total Hours (hr) 5,116.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	01:15	1.25	1.25	Lay down BHA	LAY OUT 8'DC ALL X/O BIT (BLOW OUT KELLY 3X)
01:15	02:45	1.50	2.75	Rig up/down to run casing	CLEAN FLOOR & CAWALK RIG IN TONG HAND & TOOLS TO RUN CASING
02:45	03:00	0.25	3.00	Pre-job safety	PRE-JOB SAFETY WITH RIG CREW & TONG HAND
03:00	07:00	4.00	7.00	Run casing & cementing	RUN IN CASING CIRC HIGHT HOLE @ JOPINT #7 & 8
07:00	07:15	0.25	7.25	Safety meeting	PRE TOUR SAFETY MEETING WITH RIG CREWS
07:15	08:15	1.00	8.25	Run casing & cementing	CASING HANGING UP IN HOLE, HEAD UP AND WASH JOINTS # 11 AND 12
08:15	11:30	3.25	11.50	Run casing & cementing	RUN CASING
11:30	12:00	0.50	12.00	Condition mud & circulate	CONDITION MUD & CIRCULATE CASING
12:00	13:30	1.50	13.50	Condition mud & circulate	CONDITION MUD & CIRCULATE CASING
13:30	13:45	0.25	13.75	Safety meeting	SAFETY MEETING WITH CEMENTERS AND CREW
13:45	14:00	0.25	14.00	Rig up/down to run casing	RIG UP/ CEMENTERS
14:00	15:30	1.50	15.50	Cementing	CEMENTING SURFACE CASING PLUG DOWN @15:30 HRS,CEMENTED WITH 19t (16.20M3)OF BJ'S MAXXCEM G CEMENT BLEND@1800KG/M3,1.00% CaCL2, .90%FL-5, DROPPED THE TOP PLUG AND DISLACED WITH 10.22M3 FRESH WATER, BUMPED THE PLUG @ 4.5MPA, 1.5M3 GOOD CEMENT RETURNS
15:30	16:00	0.50	16.00	Pressure test CSG/shoe	PRESSURE TEST SURFACE CASING AT 7.7MPA LOW AND 12.5MPA HIGH, HELD ALL TESTS FOR 10MIN, BLED BACK FLOATS HELD OK, ANNULUS LEVEL STAYED STATIC
16:00	19:00	3.00	19.00	Wait on cement	WAIT ON CEMENT, FLUSH CONDUCTOR, STRIP MUD BACK, PREPARE CELLER FOR NIPPLE UP



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 1/23/2011
Report #: 7.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 136,531
Cum Cost to Date: 1,071,826

DFS: 3.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
19:00	19:15	0.25	19.25	Safety meeting	PRE TOUR SAFETY MEETING WITH RIG CREWS
19:15	21:45	2.50	21.75	Wait on cement	CONT TO WAIT ON CEMENT (PREPARE TOOLS STRIP MUD PREPARE B.O.P. & VALVES FOR NIPPLE UP)
00:00	02:15	2.25	26.25	Other	WELDING CSING BOWL (SAFE WORK PERMIT # ND-037) CUT CONDUCTOR & CASING PRE HEAT BOWL TO 270 DEG WELD 3 PASSEIS ON BOTTOM & 2 PASSEIS ON TOP PRESSURE TEST TO 7000KPA FOR 10MIN
21:45	00:00	2.25	24.00	Other	WELDING CSING BOWL (SAFE WORK PERMIT # ND-037) CUT CONDUCTOR & CASING PRE HEAT BOWL TO 270 DEG WELD 3 PASSEIS ON BOTTOM & 2 PASSEIS ON TOP PRESSURE TEST TO 7000kpa FOR 10MIN

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DESCO	80.22	2.0
KELZAN XCD		1.0
SAWDUST	6.64	25.0
TKPP	152.77	1.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
127.0		800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
1/23/2011	Safety Meeting	NIPPLE UP B.O.P.
1/24/2011	Safety Meeting	NIPPLE UP B.O.P. & RAM CHANGING



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/23/2011

Report #: 7.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 136,531

Cum Cost to Date: 1,071,826

DFS: 3.44days

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)



Paramount
resources ltd.

Daily Drilling

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

Business Unit: **NE BC & NWT COU**
Rig: **24 Nabors Drilling**

Report For: **1/24/2011**
Report #: **8.0**
Depth Progress: **0.00**

Total AFE Amount: **2,535,440**
AFE Number: **10N110009**
Daily Cost: **84,534**
Cum Cost to Date: **1,156,360**

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 4.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 361.00	End Depth (mKB) 361.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -15	Lease Condition
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Operation at 6am

Conducting pre-drill out Hazard Hunt

Operations Summary

Installed the DSA and nipped up the bop's, changed pipe rams from 4 1/2" to 4", held a safety and pressure tested as detailed in the time log. We had issues with the HCR and had to change out the lower kelly cock. Accumulated function test went well, it seems to run just fine. Installed the Kelly spinner lines and the Kelly hose.

H2S sensors were rigged in by Impact safety, the rig Geologist also rigged in his gas detector.

Operations Next Report Period

Drill out 244.5mm casing and drill 222mm hole

Remarks

No accidents, 5m3 of water based drilling mud was spilled out of a Vacuum truck on the ground by the shale cuttings bin. The spill was reported to the NWT spill line and to Paramount Resources

The bed truck from the service rig came over and assisted by raising the doghouse and eliminated several hazards caused by jacking the rig. Stripped mud all day, after the vacuum truck returned from getting repaired (was gone for 7 hours or so. Laforce Electric was out to repair the flocculation pump breakers,

When the time came to make up the bha, we were unable to do so because the Rig crew could not locate the bit sub. A search was conducted with no results so a sub was hot shotted, thankfully out of high level. Slip and cut drill line while we waited, used the time to clean and organize the rig.

INAC was on location performing their weekly visit, they inspected the spill site and were pleased with the clean up.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hr) 26.0	Cum Personnel Total Hours (hr) 624.00	5,740.00

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	05:30	5.50	5.50	Nipple up BOP	NIPPLE UP BOP (INSTALL DSAF B.O.P. CHANGE OUT RAMS TO 4" INSTALL HCR LINES KILL VALVES & FLOW T & LINE F/T TEST ACCUMULATOR)
05:30	05:45	0.25	5.75	Pre-job safety	PRE-JOB SAFETY WITH PRESSURE TESTER & RIG CREW
05:45	07:00	1.25	7.00	Test BOP	PRESSURE TEST MANIFOLD VALVES & LINES 1500KPA LOW & 14000KPA HIGH TEST HELD FOR 10 MINS
07:00	07:15	0.25	7.25	Safety meeting	HANDOVER SAFETY MEETING WITH RIG CREWS
07:15	09:00	1.75	9.00	Nipple up BOP	CONTINUE TO NIPPLE UP BOP,
09:00	09:30	0.50	9.50	Change rams	CHANGE PIPE RAMS
09:30	09:45	0.25	9.75	Safety meeting	SAFETY MEETING WITH PRESURE TESTER AND RIG CREW
09:45	12:00	2.25	12.00	Test BOP	PRESURE TEST PIPE RAMS, CHOKE LINES, AND MANIFOLD VALVES 1500KPA LOW/14000KPA HIGH
12:00	14:15	2.25	14.25	Test BOP	PRESURE TEST ANNULAR, BLIND RAMS, HCR, STACK VALVES, KILL LINE VALVES, CASING.
14:15	14:45	0.50	14.75	Level rig	RAISE DOG HOUSE.
14:45	19:00	4.25	19.00	Test BOP	CONTINUE TO PRESURE TEST UPPER KELLY COCK AND LOWER KELLY COCK. (LOWER KELLY COCK FAILED) PRESURE TEST NEW LOWER KELLY COCK
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	21:15	2.00	21.25	Other	HOOK UP KELLY HOSE, AND KELLY SPINNER HOSES (PRE DRILL OUT SAFETY RIG INSPECTION CHECK LIST)
21:15	00:00	2.75	24.00	Waiting on	WAITING ON BIT SUB (SLIP & CUT 15.08M OF DRILL LINE CLEAN & ORGANIZE RIG)



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/24/2011

Report #: 8.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 84,534

Cum Cost to Date: 1,156,360

DFS: 4.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
ALKAPAM 1103D		1.0
ENVIROFLOC	40.82	7.0
HYPERDRILL 247RD	227.45	1.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
127.0		800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
1/25/2011	Safety Meeting	H2S BOP DRILL

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)



Daily Drilling

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

Report For: 1/25/2011
Report #: 9.0
Depth Progress: 170.00

Business Unit: **NE BC & NWT COU**
Rig: **24 Nabors Drilling**

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 38,823
Cum Cost to Date: 1,195,183

API/UVI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 5.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 361.00	End Depth (mKB) 531.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather PARTLY CLOUDY	Temperature (°C) -14	Lease Condition
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Operation at 6am
Drilling 222mm hole in the Wabamun @ 600m

Operations Summary
Waited on the bit sub until 02:20 hours, once it arrived we made up a 222mm MSF 513 reed pdc, the 127mm bha and tripped in the hole. Tagged cement @ 343m, changed out the lower kelly cock valve and installed the new one that was pressure tested on the catwalk. Drilled out the float 346m and shoe @ 360m. Drilled with flocc water from 361m to 531m. Hole cleaning well, no deviation issues.

Operations Next Report Period
Drill ahead, monitoring seepage losses

Remarks
No accidents or incidents

Held safety meetings conducted hazard hunts, and rig inspections and bop drills. We also held a safety meeting on H2S with the Impact safety hand.

An issue arose with Impact Safety Services as they are having trouble meeting our requirements.

NEB inspectors Rick Turner and Lori Croal conducted a rig and drilling location inspection. The inspection went well, they had some positive things to say and also had excellent input into some areas where we needed to improve. The rig crews worked to rectify minor issues as they arose.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 27.0	Personnel Total Hours (hr) 648.00	Cum Personnel Total Hours (hr) 6,388.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:30	2.50	2.50	Waiting on	WAITING ON BIT SUB PREPAIR BHA CLEAN & ORGANIZE RIG
02:30	05:45	3.25	5.75	Trip in hole	RUN IN HOLE (MAKE UP BIT & BIT SUB PICK UP TELEDRIFT & JARS) TAG CEMENT @ 343.6M.
05:45	06:15	0.50	6.25	Other	CHANGED OUT LOWER KELLY VALVE
06:15	06:30	0.25	6.50	Safety meeting	H2S SAFETY MEETING WITH RIG CREW & H2S HAND
06:30	06:45	0.25	6.75	Pre-job safety	HAZARD HUNT WITH RIG CREW (RIG MATTING BESIDE PUMP HOUSE - SAFETY LINE ON HCR LINE)
06:45	07:00	0.25	7.00	Safety meeting	HANDOVER SAFETY MEETING WITH CREWS
07:00	07:45	0.75	7.75	Drills/BOP, etc.	H2S BOP DRILL, DISCUSSED PROCEDURES AND RESPONSIBILITIES WITH BOTH CREWS
07:45	12:00	4.25	12.00	Drill cement/drill out cement/drill float&shoe	DRILL OUT FLOAT, CEMENT AND SHOE. TO 361 M.FLOAT @ 346 M.
12:00	15:00	3.00	15.00	Drill	DRILL 222MM HOLE FROM 361M- 411M
15:00	15:15	0.25	15.25	Rig Service	RIG SERVICE
15:15	16:30	1.25	16.50	Drill	DRILL 222MM HOLE FROM 411M- 430M
16:30	17:00	0.50	17.00	Safety meeting	RIG INSPECTION WAS COMPLETED BY THE NEB, INSPECTORS RICK TURNER AND LORI CROAL, SITE HAZARD REVIEW CONDUCTED AND GENERAL DISCUSSION AND Q&A SESSION HELD
17:00	19:00	2.00	19.00	Drill	DRILL 222MM HOLE 440M- 462M
19:00	19:15	0.25	19.25	Safety meeting	HANDOVER SAFETY MEETING WITH RIG CREWS
19:15	23:00	3.75	23.00	Drill	DRILL 222MM HOLE FR/ 462M TO 531M
23:00	00:00	1.00	24.00	Deviation survey	ACCUM TELDRIFT SURVEYS & CONNECTIONS



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/25/2011
Report #: 9.0
Depth Progress: 170.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 38,823
Cum Cost to Date: 1,195,183

DFS: 5.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	14,633.08	
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
	1060.0	38	9.5			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run 2	Bit Type Bit	Size (mm) 222.0	Make REED	Model MSF 513 M - A 3 D	Serial Number 128437	IADC Codes M332
Nozzles (mm) 10.3/10.3/10.3/10.3/1 0.3/10.3/10.3	Depth In (mKB) 361.00	Depth Out (mKB) 1,114.00	Depth Drilled (m) 753.00	Drilling Time (hr) 73.25	BHA ROP (m/hr) 10.3	IADC Bit Dull 3-4-CT-S-X-1.00-BT-PR

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.36	1,103.92
Drill pipe - Stands			45	857.24	1,094.56
HWDP(4.0 IN)	64.0	102.0	9	84.41	237.32
DC (5.00 IN)	60.0	126.0	5	48.02	152.91
JARS-HYD/MECH	59.0	125.0	1	5.32	104.89
DC (5.00 IN)	60.0	126.0	9	86.35	99.57
TELEDRIFT	59.0	125.0	1	2.60	13.22
DC (5.00 IN)	60.0	128.0	1	9.58	10.62
BIT SUB	60.0	128.0	1	0.77	1.04

DRILLING SUMMARY

Start Depth (mKB) 361.00	End Depth (mKB) 531.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 4,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm) 100	Slack-Off String Weight (daN)	Drilling Time (hr) 10.00		

SAFETY CHECKS

Date	Type	Des
1/25/2011	Safety Meeting	H2S BOP DRILL WITH CREW
1/26/2011	Safety Meeting	CONNECTIONS

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/25/2011

Report #: 9.0

Depth Progress: 170.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 38,823

Cum Cost to Date: 1,195,183

DFS: 5.44days

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
1/25/2011	495.00	1.50	0.00	494.94	7.10	0.00	-7.10	0.41
1/26/2011	544.00	1.00	0.00	543.93	8.17	0.00	-8.17	0.31
1/26/2011	591.00	2.00	0.00	590.91	9.40	0.00	-9.40	0.64
1/26/2011	597.00	2.00	0.00	596.91	9.61	0.00	-9.61	0.00
1/26/2011	616.00	2.00	0.00	615.90	10.28	0.00	-10.27	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/26/2011
Report #: 10.0
Depth Progress: 253.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 69,633
Cum Cost to Date: 1,264,816

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 6.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 531.00	End Depth (mKB) 784.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather CLEAR	Temperature (°C) -9	Lease Condition
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Operation at 6am
Circulating prior to wiper tripping in the Twin Falls at 860m

Operations Summary
Drill 222mm hole from 531m to 784m, losses through the Wabamun totaled 70m3 of floc water. Hole deviation was not an issue, we ended up fanning for a 70m stretch to maintain a 2 deg inclination other than that the section drilled nicely.

Operations Next Report Period
Wiper trip back to the shoe, drill ahead to KOP

Remarks
NEB Inspectors were on location again today to follow up on some minor deficiencies, they also attended and participated pre-tour crew change meeting.

Two loads of cuttings were hauled to CCS Rainbow Lake, Directional tools and drillers arrived on location

One of our H2S rig rat sensors is not operational, we had several false alarms from a damaged unit, so we had to take it out of service. Impact Safety is supposed to send out another sensor or two.

Trojan Safety has been mobilized and will be on location to take over Safety services later today.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Lead Count 27.0	Personnel Total Hours (hr) 648.00	Cum Personnel Total Hours (hr) 7,036.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:45	0.75	0.75	Drill	DRILL 222MM HOLE FR/ 531M TO 543M
00:45	01:00	0.25	1.00	Rig Service	RIG SERVICE GREASE WASH PIPE BLOCKS DRAWWORKS DRIVE LINE CHECK OIL LEVEL IN GEAR BOX & FLOOR MOTOR F/T ANNULAR 29 SEC TO CLOSE F/T STABBING VALVE C/O
01:00	07:00	6.00	7.00	Drill	DRILL 222MM HOLE FR/ 543M TO 602M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	10:45	3.50	10.75	Drill	DRILL 222MM HOLE FROM 602M- 638M
10:45	12:00	1.25	12.00	Deviation survey	ACCUMULATIVE DEVIATION SURVEY, CONNECTIONS WORK PIPE
12:00	15:45	3.75	15.75	Drill	DRILL 222MM HOLE 638M-669M
15:45	16:00	0.25	16.00	Rig Service	RIG SERVICE
16:00	19:00	3.00	19.00	Drill	DRILL 222MM HOLE 669M- 705M
19:00	19:15	0.25	19.25	Safety meeting	HANDOVER SAFETY MEETING WITH RIG CREWS
19:15	23:15	4.00	23.25	Drill	DRILL 222MM HOLE FR/ 705M TO 784M
23:15	00:00	0.75	24.00	Deviation survey	ACCUM TELEDRIFT SURVEYS & CONNECTIONS

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	3,187.95	17,821.03
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
	1010.0	34	8.0			



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/26/2011
 Report #: 10.0
 Depth Progress: 253.00

Business Unit: NE BC & NWT COU
 Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 69,633
 Cum Cost to Date: 1,264,816

DFS: 6.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DEFOAMER	210.34	2.0
DETERGENT	61.30	2.0
DETERGENT	61.30	2.0
ENVIROFLOC	40.82	10.0
ENVIROFLOC	40.82	10.0
HYPERDRILL 247RD	227.45	1.0
HYPERDRILL 247RD	227.45	1.0
HYPERDRILL 247RD	227.45	1.0
KWIKSEAL	33.90	2.0
SAWDUST	6.64	40.0
SODIUM BICARBONATE	29.59	4.0
TKPP	152.77	2.0
ULTRAFLOC	133.01	2.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
2	Bit	222.0	REED	MSF 513 M - A 3 D	128437	M332
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
10.3/10.3/10.3/10.3/10.3/10.3	361.00	1,114.00	753.00	73.25	10.3	3-4-CT-S-X-1.00-BT-PR

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.36	1,103.92
Drill pipe - Stands			45	857.24	1,094.56
HWDP(4.0 IN)	64.0	102.0	9	84.41	237.32
DC (5.00 IN)	60.0	126.0	5	48.02	152.91
JARS-HYD/MECH	59.0	125.0	1	5.32	104.89
DC (5.00 IN)	60.0	126.0	9	86.35	99.57
TELEDRIFT	59.0	125.0	1	2.60	13.22
DC (5.00 IN)	60.0	128.0	1	9.58	10.62
BIT SUB	60.0	128.0	1	0.77	1.04

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
531.00	638.00		4,500			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
120		120		10.25		
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
638.00	784.00		8,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
140		140		10.75		



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/26/2011

Report #: 10.0

Depth Progress: 253.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 69,633

Cum Cost to Date: 1,264,816

DFS: 6.44days

SAFETY CHECKS

Date	Type	Des
1/26/2011	Safety Meeting	SCBA PACK TRAINING WITH CREW
1/27/2011	Safety Meeting	SERVICEING EQUIPMENT

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	.OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)
1/26/2011	635.00	1.50	0.00	634.89	10.86	0.00	-10.85	0.79
1/26/2011	702.00	2.00	0.00	701.86	12.90	0.00	-12.90	0.22
1/26/2011	754.00	0.50	0.00	753.84	14.04	0.00	-14.04	0.87
1/27/2011	801.00	0.50	0.00	800.84	14.45	0.00	-14.45	0.00
1/27/2011	849.00	1.00	0.00	848.84	15.07	0.00	-15.07	0.31

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/27/2011
Report #: 11.0
Depth Progress: 199.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 69,063
Cum Cost to Date: 1,333,879

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 7.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 784.00	End Depth (mKB) 983.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Wind 25k	Temperature (°C) -23	Lease Condition
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Operation at 6am

Drilling in the Twin Falls @ 1022m & Jacking the rig

Operations Summary

Drilled 222mm hole from 784m to 860m. Wiper tripped 500m back to the shoe, the hole was in good shape no issues, the hole took more fluid than required but very little. Drilled from 860m to 983m in the Twin Falls, hole deviation not a problem.

Operations Next Report Period

Drill ahead to kop, ending floc additions @ 1100m

Remarks

4 loads of cuttings hauled to CCS Rainbow Lake

One of the Rowe's trailers broke down on its first load and could not dump its load at CCS so two additional trucks were called out to alleviate pressure from mounting cuttings in storage bins.

Impact safety failed to deliver the mandatory equipment requested yesterday.

Trojan safety will be on location today to take over the lead safety role for the project.

BJ services will have a Mechanic on location today to repair and make some adjustments on the skid pumper unit. Called out a camp mechanic to repair a sleeper furnace, toilet and repair an electrical problem in the camp. Oil changed in Camp light plant and light towers. Called out Ardy's rig jackers as the mud tanks and sub structure need to be jacked and leveled. The rigs jacking are only good for a nine inch lift and we need an additional 4 to 5 inches of height. Reed hand delivered tri-cones for build section

WEB inspectors performed inspections at the plant, construction and completions camps. They departed the Cameron Hills yesterday.

Entered costs for Wellsite and Safety shack rig ups, cost included a lift of 3x12" planks

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 28.0	Personnel Total Hours (hr) 672.00	Cum Personnel Total Hours (hr) 7,708.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:00	2.00	2.00	Drill	DRILL 222MM HOLE FR/ 784M TO 811M
02:00	02:15	0.25	2.25	Rig Service	RIG SERVICE GREASE WASH PIPE BLOCKS CHECK OIL LEVEL IN FLOOR MOTOR & GEAR BOX F/T ANNULAR 30 SEC TO CLOSE F/T STABBING VALVE C/O
02:15	06:00	3.75	6.00	Drill	DRILL 222MM HOLE FR/ 811M TO 860M
06:00	06:30	0.50	6.50	Circulate And Condition	CIRC HOLE CLEAN WORK STRING
06:30	07:00	0.50	7.00	Trip out of hole	TRIP OUT OF HOLE FR/ 860M TO 751M FLOW CHECK @ 859M FLOW CHECK @ 5% 751M
07:00	07:15	0.25	7.25	Safety meeting	HANDOVER SAFETY MEETING WITH RIG CREWS
07:15	08:45	1.50	8.75	Trip out of hole	WIPER TRIP TO THE SHOE, HOLE WAS IN GOOD SHAPE
08:45	10:45	2.00	10.75	Trip in hole	TRIP IN HOLE FROM 350M-846M
10:45	11:00	0.25	11.00	Ream & Clean	REAM & CLEAN 846M-860M
11:00	12:00	1.00	12.00	Drill	DRILL 860M- 870M
12:00	16:45	4.75	16.75	Drill	DRILL 222MM HOLE 870M-926M
16:45	17:00	0.25	17.00	Rig Service	RIG SERVICE GREASED CROWN, DRIVE LINE, BREAK LINKAGES AND WASH PIPE
17:00	19:00	2.00	19.00	Drill	DRILL 2122MM HOLE 926M- 936M
19:00	19:15	0.25	19.25	Safety meeting	RIG CREWS HANDOVER SAFETY MEETING



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/27/2011
Report #: 11.0
Depth Progress: 199.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 69,063
Cum Cost to Date: 1,333,879

DFS: 7.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
19:15	23:00	3.75	23.00	Drill	DRILL 222MM HOLE FR/ 936M TO 983M
23:00	23:15	0.25	23.25	Rig Service	RIG SERVICE WORK ON PASON FLOW & TORQUE
23:15	00:00	0.75	24.00	Deviation survey	ACCUM TELEDRIFT SURVEYS AND CONNECTIONS

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est.	793.76	18,614.79
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
	1060.0	37	7.5			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
ENVIROFLOC	40.82	7.0
HYPERDRILL 247RD	227.45	1.0
HYPERDRILL 247RD	227.45	1.0
SAWDUST	6.64	8.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1		127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
2	Bit	222.0	REED	MSF 513 M - A 3 D	128437	M332
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
10.3/10.3/10.3/10.3/10.3/10.3	361.00	1,114.00	753.00	73.25	10.3	3-4-CT-S-X-1.00-BT-PR

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.36	1,103.92
Drill pipe - Stands			45	857.24	1,094.56
HWDP(4.0 IN)	64.0	102.0	9	84.41	237.32
DC (5.00 IN)	60.0	126.0	5	48.02	152.91
JARS-HYD/MECH	59.0	125.0	1	5.32	104.89
DC (5.00 IN)	60.0	126.0	9	86.35	99.57
TELEDRIFT	59.0	125.0	1	2.60	13.22
DC (5.00 IN)	60.0	128.0	1	9.58	10.62
BIT SUB	60.0	128.0	1	0.77	1.04

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
784.00	870.00		8,000			
PM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
120		120		6.75		



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 1/27/2011
Report #: 11.0
Depth Progress: 199.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 69,063
Cum Cost to Date: 1,333,879

DFS: 7.44days

DRILLING SUMMARY

Start Depth (mKB)	870.00	End Depth (mKB)	983.00	ROP Instantaneous (min/m)	Weight on Bit (daN)	9,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	110	Motor RPM (rpm)		Bit RPM (rpm)	110	Slack-Off String Weight (daN)		Drilling Time (hr)	10.50

SAFETY CHECKS

Date	Type	Des
1/27/2011	Safety Meeting	ROTARY DANGER ZONE
1/28/2011	Safety Meeting	JACKING RIG

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
1/27/2011	856.00	0.50	0.00	855.84	15.17	0.00	-15.17	2.14
1/27/2011	945.00	0.50	0.00	944.83	15.94	0.00	-15.94	0.00
1/28/2011	980.00	1.00	0.00	979.83	16.40	0.00	-16.40	0.43

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Vabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84



Paramount
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Daily Drilling

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

Business Unit: **NE BC & NWT COU**

Rig: **24 Nabors Drilling**

Report For: **1/28/2011**
Report #: **12.0**
Depth Progress: **124.00**

Total AFE Amount: **2,535,440**
AFE Number: **10N110009**
Daily Cost: **80,508**
Cum Cost to Date: **1,414,387**

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 8.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 983.00	End Depth (mKB) 1,107.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -24	Lease Condition
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Operation at 6am

Tripping out of the hole @ 1114m

Operations Summary

Drilled 222mm hole from 983m to 1000m then ceased drilling to Jack the sub with Ardy's Rigging off drillers side raised to 12" and 11" on the drillers side. We also jacked the mud tanks to allow flow line alignment, had to pump all fluid onto storage 400bbls (The sub was jacked so high that the flowline was resting on the bottom of the flowline hole of the sub wall. Drilled from 1000m to 1022m and stopped to jack the rig again. Resumed drilling at 1022m and drilled to 1107m.

Operations Next Report Period

Have a look at the bit, trip back in Skid and level rig, pressure test choke line, resume drilling at 1114m

Remarks

After a lengthy discussion with the Rig Jackers and Rig Crew we came to the conclusion that the rig has to be skidded. Flint Tansco and Rows construction will provide the equipment necessary to perform the job. A job plan and hazard assessment were conducted with Brad Scott and reviewed with the NEB.

Drilling was up and down, hard sand stringers throughout the middle of the Twin Falls formation

Impact Safety Services were relieved of their duties in all aspects of the Cameron Hills Winter program. Trojan Safety is now running all H2S related supervision and equipment. The Rig Rat system is operation in the camp/pant area. Sensors located at HSE/Security Office, Drilling Camp, Construction Camp and Completion Camp.

One load of dry mud product was delivered

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 28.0	Personnel Total Hours (hr) 672.00	Cum Personnel Total Hours (hr) 8,380.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:00	2.00	2.00	Drill	DRILL 222MM HOLE FR/ 983M TO 1000M
02:00	02:15	0.25	2.25	Pre-job safety	PRE-JOB SAFETY MEETING WITH ARDY RIGGING LTD. & RIG CREW ON JACKING RIG
02:15	03:15	1.00	3.25	Level rig	JACK SUB WITH RIG JACKRS
03:15	06:15	3.00	6.25	Drill	DRILL 222MM HOLE FR/ 1000M TO 1022M
06:15	07:00	0.75	7.00	Level rig	JACK SUB WITH RIG JACKRS
07:00	07:15	0.25	7.25	Safety meeting	HANDOVER SAFETY MEETING WITH RIG CREWS
07:15	12:00	4.75	12.00	Drill	DRILL 222MM HOLE FR. 1022M- 1040M
12:00	16:45	4.75	16.75	Drill	DRILL 222MM HOLE FROM 1040M- 1060m
16:45	17:00	0.25	17.00	Rig Service	RIG SERVICE CHECK OILS, GREASE BLOCKS, WASH PIPE, SWIVEL, DRAW WORKS, BREAK LINKAGES, TABLE
17:00	19:00	2.00	19.00	Drill	DRILL 222MM HOLE FR 1060M- 1069M
19:00	19:15	0.25	19.25	Safety meeting	PRE TOUR HANDOVER SAFETY MEETING WITH RIG CREWS
19:15	23:30	4.25	23.50	Drill	DRILL 222MM HOLE FR/ 1069M TO 1107M
23:30	00:00	0.50	24.00	Deviation survey	ACCUM TELEDRIFT SURVEYS & CONNECTIONS



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 1/28/2011
Report #: 12.0
Depth Progress: 124.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 80,508
Cum Cost to Date: 1,414,387

DFS: 8.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	905.91	19,520.70
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1,088.00	1140.0	42	8.0			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
DETERGENT	61.30	1.0
ENVIROFLOC	40.82	3.0
GEL	13.05	20.0
HYPERDRILL 247RD	227.45	1.0
SODA ASH	19.57	2.0
TKPP	152.77	1.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1	127.0	800.0	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
2	Bit	222.0	REED	MSF 513 M - A 3 D	128437	M332
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
10.3/10.3/10.3/10.3/10.3/10.3	361.00	1,114.00	753.00	73.25	10.3	3-4-CT-S-X-1.00-BT-PR

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.36	1,103.92
Drill pipe - Stands			45	857.24	1,094.56
HWDP(4.0 IN)	64.0	102.0	9	84.41	237.32
DC (5.00 IN)	60.0	126.0	5	48.02	152.91
JARS-HYD/MECH	59.0	125.0	1	5.32	104.89
DC (5.00 IN)	60.0	126.0	9	86.35	99.57
TELEDRIIFT	59.0	125.0	1	2.60	13.22
DC (5.00 IN)	60.0	128.0	1	9.58	10.62
BIT SUB	60.0	128.0	1	0.77	1.04

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
983.00	1,040.00		10,500			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
	135		135	11.00		
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,040.00	1,107.00		10,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
	100		100	11.00		



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/28/2011

Report #: 12.0

Depth Progress: 124.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 80,508

Cum Cost to Date: 1,414,387

DFS: 8.44days

SAFETY CHECKS

Date	Type	Des
1/28/2011	Safety Meeting	STEAM USE
1/29/2011	Safety Meeting	FLOW CHECKING WELL

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)
1/28/2011	1,036.00	0.50	0.00	1,035.82	17.13	0.00	-17.13	0.27
1/28/2011	1,078.00	0.50	0.00	1,077.82	17.50	0.00	-17.50	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/29/2011
Report #: 13.0
Depth Progress: 14.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 95,621
Cum Cost to Date: 1,510,008

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 9.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,107.00	End Depth (mKB) 1,121.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear	Temperature (°C) -28	Lease Condition
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Operation at 6am
Drilling 222mm hole in the Twin Falls @ 1142m

Operations Summary
Drilled from 1107m to 1114m, rop slowed to 1-2m/hr so we tripped for the bit. The Nov Reed MSF 513m drilled 753m in 58hrs and averaged 12.9m/hr on bottom rop. Made up a Reed 447, R15MP and tripped in the hole. Once on bottoms circulated 2 bottoms up and made preparation for Jacking and Skidding the rig. Held a pre-job safety meeting with Flint Transco, Supervisor, Bed Hands and Swampers, Ardy's Rig Jackers, Rows Cat Operator and Rig Crews. Reviewed JSA'S and hazard assessments. Stopped circulation at 15:30hrs and Jacked and Skidded the rig, resumed circulation and began to re-assemble the front end of the rig @ 18:00hrs. Pressure tested the choke line 1500 kpa low and 14,500 kpa high. Conducted a bop nipple up inspection and resumed drilling 222mm hole @ 1114m. Drilled from 1114m to 1121m

Operations Next Report Period
Drill ahead to 1240m, trip for directional tools

Remarks
One load of Sawdust delivered and one load of cuttings to CCS

Two bed trucks, One Truck Spervisor, D-6 Cat and the Ardy's were used to perform the skid/jack.
Costs for all the above services and the cost for the bit entered.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 28.0	Personnel Total Hours (hr) 672.00	Cum Personnel Total Hours (hr) 9,052.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:00	3.00	3.00	Drill	DRILL 222MM HOLE FR/ 1107M TO 1114m
03:00	03:45	0.75	3.75	Circulate And Condition	CIRCULATE BOTTOMS UP & WORK STRING
03:45	07:00	3.25	7.00	Trip out of hole	TRIP OUT OF HOLE FR/ 1114M TO 136M FLOW CHECK @ 1114M FLOW CHECK @ 5% 1009M PUMP PILL @ 1009M 50% FLOW CHECK @ 550M
07:00	07:15	0.25	7.25	Safety meeting	PRE TOUR SAFETY MEETING WITH RIG CREWS
07:15	08:30	1.25	8.50	Trip out of hole	CONTINUE TRIP OUT OF HOLE FLOW CHECK @ 240 M. O.O.H
08:30	08:45	0.25	8.75	Rig Service	RIG SERVICE F/T BLIND RAMS , HCR VALVE
08:45	12:00	3.25	12.00	Trip in hole	MADE UP A REED 447 TRI-CONE AND TRIPPED IN HOLE . FILL PIPE @ 350M. FLOW CHECK @ 551 M.
12:00	13:15	1.25	13.25	Trip in hole	CONTINUE TO TRIP IN HOLE
13:15	15:00	1.75	15.00	Condition mud & circulate	CIRCULATE CLEAN HOLE
15:00	15:15	0.25	15.25	Other	FLOW CHECK / PRE JOB SAFETY MEETING
15:15	19:00	3.75	19.00	Other	PREPARE TO SKID RIG, SKID SAME, RELEVEL RIG ANID RIG UP FRONT END OF RIG.
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH RIG CREWS
19:15	21:45	2.50	21.75	Other	CONT TO RIG IN HCR LINE FLARE TANK LINE & ALL SAFETY LINES
21:45	22:00	0.25	22.00	Pre-job safety	PRE-JOB SAFETY MEETING WITH RIG CREW & PRESSURE TESTER
22:00	22:30	0.50	22.50	Test BOP	PRESSURE TEST HCR LINE TO 1500KPA LOW & 14000KPA HIGH FOR 10MINs EACH (RIG IN & OUT PRESSURE TESTER)
22:30	00:00	1.50	24.00	Drill	DRILL 222MM HOLE FROM 1114M TO 1121M



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 1/29/2011
Report #: 13.0
Depth Progress: 14.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 95,621
Cum Cost to Date: 1,510,008

DFS: 9.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Slab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	2,175.26	21,695.96
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
	1120.0	43	8.5			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAL CARB 325	9.80	27.0
CAUSTIC	41.79	1.0
CAUSTIC	41.79	1.0
GEL	13.05	10.0
GEL	13.05	10.0
KELZAN	498.75	1.0
KELZAN	498.75	1.0
LIGNITE	15.72	2.0
SAWDUST	6.64	75.0
SODA ASH	19.57	2.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run 2	Bit Type Bit	Size (mm) 222.0	Make REED	Model MSF 513 M - A 3 D	Serial Number 128437	IADC Codes M332
Nozzles (mm) 10.3/10.3/10.3/10.3/1 0.3/10.3/10.3	Depth In (mKB) 361.00	Depth Out (mKB) 1,114.00	Depth Drilled (m) 753.00	Drilling Time (hr) 73.25	BHA ROP (m/hr) 10.3	IADC Bit Dull 3-4-CT-S-X-1.00-BT-PR

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.36	1,103.92
Drill pipe - Stands			45	857.24	1,094.56
HWDP(4.0 IN)	64.0	102.0	9	84.41	237.32
DC (5.00 IN)	60.0	126.0	5	48.02	152.91
JARS-HYD/MECH	59.0	125.0	1	5.32	104.89
DC (5.00 IN)	60.0	126.0	9	86.35	99.57
TELEDRIIFT	59.0	125.0	1	2.60	13.22
DC (5.00 IN)	60.0	128.0	1	9.58	10.62
BIT SUB	60.0	128.0	1	0.77	1.04

DRILLING SUMMARY

Start Depth (mKB) 1,107.00	End Depth (mKB) 1,114.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 12,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm) 120	Bit RPM (rpm)	120	Slack-Off String Weight (daN)	Drilling Time (hr)	3.00



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/29/2011
Report #: 13.0
Depth Progress: 14.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 95,621
Cum Cost to Date: 1,510,008

DFS: 9.44days

BIT SUMMARY

Bit Run 3	Bit Type Bit	Size (mm) 222.0	Make REED	Model R15AMP	Serial Number EM2856	IADC Codes 447
Nozzles (mm) 14.3/14.3/14.3/14.3/1 4.3/14.3	Depth In (mKB) 1,114.00	Depth Out (mKB) 1,240.27	Depth Drilled (m) 126.00	Drilling Time (hr) 20.25	BHA ROP (m/hr) 6.2	IADC Bit Dull 1-1-NO-A-E-0.00- WT-BHA

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			46	876.48	2,341.85
Drill pipe - Singles			1	9.60	1,465.37
HWDP(4.0 IN)	64.0	102.0	9	84.41	1,455.77
Drill pipe - Stands			52	981.40	1,371.36
DC (5.00 IN)	60.0	126.0	5	48.02	389.96
HWDP(4.0 IN)	64.0	102.0	9	84.41	341.94
JARS-HYD/MECH	59.0	125.0	1	5.32	257.53
DC (5.00 IN)	60.0	126.0	5	48.02	252.21
DC (5.00 IN)	60.0	126.0	9	86.35	204.19
JARS-HYD/MECH	59.0	125.0	1	5.32	117.84
TELEDRIPT	59.0	125.0	1	2.60	112.52
DC (5.00 IN)	60.0	126.0	9	86.35	109.92
DC (5.00 IN)	60.0	128.0	1	9.58	23.57
TELEDRIPT	59.0	125.0	1	2.60	13.99
BIT SUB	60.0	128.0	1	0.77	1.81
DC (5.00 IN)	60.0	128.0	1	9.58	11.39
BIT SUB	60.0	128.0	1	0.77	1.04

DRILLING SUMMARY

Start Depth (mKB) 1,114.00	End Depth (mKB) 1,121.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 14,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr) 1.50		

SAFETY CHECKS

Date	Type	Des
1/29/2011	Safety Meeting	GOOD COMMUNICATION
1/30/2011	Safety Meeting	DRILL PIPE CONNECTION

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
1/30/2011	1,136.00	0.50	0.00	1,135.82	18.01	0.00	-18.01	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84



Daily Drilling

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

Business Unit: **NE BC & NWT COU**
 Rig: **24 Nabors Drilling**

Report For: **1/30/2011**
 Report #: **14.0**
 Depth Progress: **101.00**

Total AFE Amount: **2,535,440**
 AFE Number: **10N110009**
 Daily Cost: **72,373**
 Cum Cost to Date: **1,582,381**

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 10.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations

Start Depth (mKB) 1,121.00	End Depth (mKB) 1,222.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -25	Lease Condition
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Operation at 6am

Tripping out at KOP 1240m, laying down dp and dc's

Operations Summary

Drilled from 1121m 1222m. We had some hole trouble due to high clay content in our mud, worked tight hole on 3 to 4 connections. We ended up pumping out a single and working through the problem areas. MBT was up at 143 kg/m3, increased water additions and mixed to get the mud into shape.

Operations Next Report Period

Pick up directional tools and kick off the 222mm section.

Remarks

The main panel on the rig generator keeps kicking repeatedly and blacking out the rig, has been a daily occurrence. We can't run the centrifuge at full capacity until the breaker is changed as it draws too many amps and contributes heavily to the black out problem. Brought the HSE light plant over to the rig to reduce loads on the rig generator until the breaker is replaced.

No accidents or Incidents

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 28.0	Personnel Total Hours (hr) 672.00	Cum Personnel Total Hours (hr) 9,724.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	01:15	1.25	1.25	Drill	DRILL 222MM HOLE FR/ 1121M TO 1126M
01:15	01:45	0.50	1.75	Rig Service	RIG SERVICE GREASE WASH PIPE ROTARY TABLE DRIVE LINE CHECK OIL LEVEL IN FLOOR MOTOR GEAR BOX DRAWWORKS F/T ANNULAR 29 SEC TO CLOSE
01:45	04:00	2.25	4.00	Drill	DRILL 222MM HOLE FR/ 1126M TO 1136M
04:00	04:45	0.75	4.75	Ream & Clean	WORK TIGHT HOLE LAY OUT 1 SINGLE WORK THROUEH TIGHT SPOT FR/ 1134M TO 1112M REAM & CLEAN
04:45	07:00	2.25	7.00	Drill	DRILL 222MM HOLE FR/ 1136M TO 1145M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH CREWS
07:15	09:15	2.00	9.25	Other	WORK TIGHT SPOTS 1145M-1125M
09:15	11:15	2.00	11.25	Drill	DRILL 222MM HOLE FR/ 1145M-1154M
11:15	12:00	0.75	12.00	Other	WORK TIGHT SPOTS 1130M-1154M LAY OUT TWO SINGLES
12:00	12:30	0.50	12.50	Other	CONTINUE TO WORK THROUGH TIGHT SPOTS. 1130M-1154M
12:30	19:00	6.50	19.00	Drill	DRILL 222MM HOLE FR/1154M- 1190M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING W/ BOTH CREWS
19:15	23:45	4.50	23.75	Drill	DRILL 222MM HOLE FROM 1190M TO 1222M
23:45	00:00	0.25	24.00	Rig Service	RIG SERVICE GREASE WASHPIPE, ROTARY TABLE, DRIVELINE CHECK OIL IN FLOOR MOTOR AND GEAR BOX FUNCTION PIPE RAMS 3 SEC TO CLOSE

MUD CHECKS

Low Gravity Solids (%) 0.2	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.7	Solids (%) 8.5	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost) 3,051.69	Cum Mud Field Est... 24,747.65	
Depth (mKB) 1,190.00	Density (kg/m³) 1140.0	Funnel Viscosity (s/L) 50	pH 8.5	PV Override (cp) 14.0	YP Override (Pa) 2.729	



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/30/2011
 Report #: 14.0
 Depth Progress: 101.00

Business Unit: NE BC & NWT COU
 Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 72,373
 Cum Cost to Date: 1,582,381

DFS: 10.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
DESCO	80.22	2.0
DETERGENT	61.30	1.0
DRISPAC	198.45	2.0
DRISPAC	198.45	7.0
GEL	13.05	3.0
LIGNITE	15.72	4.0
LIGNITE	15.72	4.0
SODA ASH	19.57	2.0
ULTRAFLOC	133.01	6.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
3		222.0	REED	R15AMP	EM2856	447
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
14.3/14.3/14.3/14.3/14.3/14.3	1,114.00	1,240.27	126.00	20.25	6.2	1-1-NO-A-E-0.00-WT-BHA

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			46	876.48	2,341.85
Drill pipe - Singles			1	9.60	1,465.37
HWDP(4.0 IN)	64.0	102.0	9	84.41	1,455.77
Drill pipe - Stands			52	981.40	1,371.36
DC (5.00 IN)	60.0	126.0	5	48.02	389.96
HWDP(4.0 IN)	64.0	102.0	9	84.41	341.94
JARS-HYD/MECH	59.0	125.0	1	5.32	257.53
DC (5.00 IN)	60.0	126.0	5	48.02	252.21
DC (5.00 IN)	60.0	126.0	9	86.35	204.19
JARS-HYD/MECH	59.0	125.0	1	5.32	117.84
TELEDRIIFT	59.0	125.0	1	2.60	112.52
DC (5.00 IN)	60.0	126.0	9	86.35	109.92
DC (5.00 IN)	60.0	128.0	1	9.58	23.57
TELEDRIIFT	59.0	125.0	1	2.60	13.99
BIT SUB	60.0	128.0	1	0.77	1.81
DC (5.00 IN)	60.0	128.0	1	9.58	11.39
BIT SUB	60.0	128.0	1	0.77	1.04

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,121.00	1,154.00		14,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
110		110		4.50		



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/30/2011
Report #: 14.0
Depth Progress: 101.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 72,373
Cum Cost to Date: 1,582,381

DFS: 10.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m ³ /min)	dP (SPP) (kPa)
1,154.00	1,222.00		14,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
105			105	11.00		

SAFETY CHECKS

Date	Type	Des
1/30/2011	Safety Meeting	TIGHT HOLE

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m ³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
1/30/2011	1,160.00	0.50	0.00	1,159.82	18.22	0.00	-18.21	0.00
1/30/2011	1,209.88	0.50	0.00	1,209.70	18.65	0.00	-18.65	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
win Falls	830.00	829.84



Daily Drilling

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

Report For: 1/31/2011
Report #: 15.0
Depth Progress: 18.00

Business Unit: **NE BC & NWT COU**
Rig: **24 Nabors Drilling**

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 52,254
Cum Cost to Date: 1,634,635

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 11.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 1,222.27	End Depth (mKB) 1,240.27	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear	Temperature (°C) -15	Lease Condition
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Operation at 6am
Drilling the build in the Twin Falls @ 1250m

Operations Summary
Drilled from 1222m to 1240m. Circulated bottoms up then tripped out of the hole to pick up directional tools. Laid down the 42 singles of drill of drill pipe and all of the 127mm drill collars. Held a pre job safety meeting prior to make up directional tools. Made up a Reed R20 AMP 517 Insert bit, set a 2.38 bend in the motor and made up the remaining directional assembly. Made up 53 joints of 102mm HWDP and tripped in the hole. Pulse tested the MWD at the 399m and surveyed every 150m on the way in hole.

Operations Next Report Period
Drill the 222mm build

Remarks
Weather conditions hampered production yesterday, the wind was unforgiving.

Vacuum Truck hauled sewage from completions and the drilling. 7,000 liters of fuel delivered.
177.8mm casing ordered.
INAC was out to perform a site visit

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 28.0	Personnel Total Hours (hr) 672.00	Cum Personnel Total Hours (hr) 10,396.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:15	3.25	3.25	Drill	DRILL 222MM HOLE FROM 1222M TO 1240M
03:15	04:00	0.75	4.00	Condition mud & circulate	CIRCULATE HOLE CLEAN
04:00	07:00	3.00	7.00	Trips	POOH TO PICK UP DIR TOOLS , LAY DWN 42 JOINTS DP AND DC'S
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	09:45	2.50	9.75	Trips	CONTINUE TO POOH. D.P.
09:45	12:00	2.25	12.00	Trips	LAYDOWN 5" D.C.
12:00	12:15	0.25	12.25	Rig Service	RIG SERVICE F/T BLIND RAMS 4 SECS CL.
12:15	12:30	0.25	12.50	Pre-job safety	PRE-JOB SAFETY MEETING WITH DIRECTIONAL HANDS
12:30	17:00	4.50	17.00	Directional work	PICK UP DIRECTIONAL TOOLS
17:00	19:00	2.00	19.00	Pick up BHA	P/U 38 JOINTS HWDP
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	23:00	3.75	23.00	Trips	CONTINUE TO PICK UP HWDP AND RIH FROM 360M TO 950M
23:00	00:00	1.00	24.00	Directional surveys	ACC SURVEY TIME AND TEST TOOL

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	1,810.86	26,558.51
Depth (mKB) 0.27	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed
CAL CARB 325	9.80	40.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 1/31/2011
Report #: 15.0
Depth Progress: 18.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 52,254
Cum Cost to Date: 1,634,635

DFS: 11.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DETERGENT	61.30	1.0
DRISPAC	198.45	2.0
KELZAN	498.75	1.0
LIGNITE	15.72	4.0
ULTRAFLOC	133.01	3.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
1	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
3	Bit	222.0	REED	R15AMP	EM2856	447
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
14.3/14.3/14.3/14.3/14.3/4.3/14.3	1,114.00	1,240.27	126.00	20.25	6.2	1-1-NO-A-E-0.00-WT-BHA

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			46	876.48	2,341.85
Drill pipe - Singles			1	9.60	1,465.37
HWDP(4.0 IN)	64.0	102.0	9	84.41	1,455.77
Drill pipe - Stands			52	981.40	1,371.36
DC (5.00 IN)	60.0	126.0	5	48.02	389.96
HWDP(4.0 IN)	64.0	102.0	9	84.41	341.94
JARS-HYD/MECH	59.0	125.0	1	5.32	257.53
DC (5.00 IN)	60.0	126.0	5	48.02	252.21
DC (5.00 IN)	60.0	126.0	9	86.35	204.19
JARS-HYD/MECH	59.0	125.0	1	5.32	117.84
TELEDRIFT	59.0	125.0	1	2.60	112.52
DC (5.00 IN)	60.0	126.0	9	86.35	109.92
DC (5.00 IN)	60.0	128.0	1	9.58	23.57
TELEDRIFT	59.0	125.0	1	2.60	13.99
BIT SUB	60.0	128.0	1	0.77	1.81
DC (5.00 IN)	60.0	128.0	1	9.58	11.39
BIT SUB	60.0	128.0	1	0.77	1.04

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,222.27	1,240.27		24,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
110		110		3.25		

SAFETY CHECKS

Date	Type	Des
1/31/2011	Safety Meeting	LAYDOWN D.C.
2/1/2011	Safety Meeting	FALL PROTECTION



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 1/31/2011

Report #: 15.0

Depth Progress: 18.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 52,254

Cum Cost to Date: 1,634,635

DFS: 11.44days

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
2/1/2011	1,232.45	1.20	21.50	1,232.26	18.97	0.09	-18.97	1.01

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/1/2011
Report #: 16.0
Depth Progress: 40.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 67,936
Cum Cost to Date: 1,702,571

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 12.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,240.00	End Depth (mKB) 1,280.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -1	Lease Condition
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Operation at 6am

Drilling the build section @ 1310m

Operations Summary

Tripped in the hole with the kick off assembly, reamed and washed from 1100m to 1140m. Tripped from 1140m to 1228m and washed to bottom from 1228m. Drilled from 1240m to 1280m.

Operations Next Report Period

Drill the 222mm build

Remarks
Changed out the rigs main electrical breaker with the breaker on the back up light plant generator. The breaker had been kicking out on daily basis and been causing frequent delays. Once the breaker was changed the Pason DHC would not come back on line, we attempted to repair the computer with Pason over the phone but could not get it to come back on as a fatal error had occurred, some sort of software corruption. We spent the remainder of the day changing out and rebuilding the rig POP valves, and jacking the rig with the rigs jacking system. The rig is continuing to sink; we added an additional 6" on the driller's side totaling 24" and 5" on the mud tank side totaling 22". We had a welder on location to modify the flow T.

One load of cuttings was hauled to CCS

Checked both new locations with the Paramount Construction Supervisor and discussed necessary changes.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 28.0	Personnel Total Hours (hr) 672.00	Cum Personnel Total Hours (hr) 11,068.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	01:15	1.25	1.25	Trips	RIH FROM 950M TO 1100M
01:15	02:00	0.75	2.00	Reaming	REAMING FROM 1100 M TO 1140M
02:00	03:30	1.50	3.50	Trip in hole	TRIP IN HOLE FROM 1140M TO 1228M
03:30	03:45	0.25	3.75	Ream & Clean	WASH TO BOTTOM
03:45	04:45	1.00	4.75	Drill	DRILL 222MM HOLE FROM 1240M TO 1247m
04:45	05:00	0.25	5.00	Rig Service	RIG SERVICE FUNCTION ANNULAR 10 SEC TO CLOSE
05:00	07:00	2.00	7.00	Drill	DRILL 222MM HOLE FROM 1247M TO 1257M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING W/ BOTH CREWS
07:15	10:30	3.25	10.50	Drill	DRILL 222 MM HOLE FROM 1257M TO 1280m
10:30	10:45	0.25	10.75	Directional surveys	DIRECTIONAL SURVEYS
10:45	11:45	1.00	11.75	Downtime - Scr / Electrical	CHANGE OUT BREAKER IN LIGHT PLANT
11:45	12:00	0.25	12.00	Other	PASON CRASHED, WAIT ON HOT SHOT
12:00	19:00	7.00	19.00	Other	PASON SYSTEM CRASH, WAIT ON HOT SHOT, REMOVE CASING PROTECTORS, JACK RIG, REBUILD POP VALVE ASSEMBLY
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING W/ BOTH CREWS
19:15	23:45	4.50	23.75	Other	CONTINUE WAIT ON HOT SHOT, REMOVE FLOW T AND REFAB TO FIT, CHANGE OUT FLOW LINE TO 8", SHIM V-DOOR,
23:45	00:00	0.25	24.00	Rig Service	RIG SERVICE FUNCTION HCR O/C 3 SEC



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/1/2011
Report #: 16.0
Depth Progress: 40.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 67,936
Cum Cost to Date: 1,702,571

DFS: 12.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	1,027.95	27,586.46
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1,280.00	1120.0	47	8.0			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DRISPAC	198.45	1.0
LIGNITE	15.72	2.0
ULTRAFLOC	133.01	6.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
4	Bit	222.0	REED	R20AMP	W30040	517
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Duit
14.3/14.3/14.3	1,240.00	1,333.00	93.00	10.50	8.9	1-1-NO-A-E-0.00-NO-WC

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.61	1,320.09
Drill pipe - Stands			36	686.28	1,310.48
HWDP(4.0 IN)	64.0	102.0	54	505.15	624.20
HWDP(4.0 IN)	64.0	102.0	2	18.76	119.05
JARS-HYD/MECH	59.0	121.0	1	5.60	100.29
HWDP(4.0 IN)	64.0	102.0	6	56.28	94.69
X/O	69.0	160.0	1	0.67	38.41
MONEL FLEX	76.0	161.0	2	18.12	37.74
MONEL FLEX	81.0	159.0	1	9.07	19.62
ORIENT SUB	64.0	164.0	1	1.00	10.55
FLOAT SUB	64.0	165.0	1	1.11	9.55
MOTOR LS	64.0	102.0	1	8.19	8.44

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,240.00	1,280.00		12,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
35		35		4.00		

SAFETY CHECKS

Date	Type	Des
2/1/2011	Safety Meeting	TRAPPED TABLE TOURQUE
2/2/2011	Safety Meeting	DRIFT CASING



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/1/2011
 Report #: 16.0
 Depth Progress: 40.00

Business Unit: NE BC & NWT COU
 Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 67,936
 Cum Cost to Date: 1,702,571

DFS: 12.44days

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
2/2/2011	1,280.49	8.10	174.86	1,280.24	17.37	0.19	-17.37	15.84
2/2/2011	1,289.00	12.80	174.10	1,288.61	15.84	0.34	-15.83	16.58
2/2/2011	1,299.00	18.00	169.80	1,298.25	13.21	0.72	-13.20	15.96
2/2/2011	1,307.00	22.50	169.10	1,305.75	10.49	1.23	-10.48	16.90
2/2/2011	1,318.00	26.40	169.20	1,315.76	6.02	2.09	-6.00	10.64

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/2/2011
Report #: 17.0
Depth Progress: 53.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 57,374
Cum Cost to Date: 1,759,945

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 13.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations

Start Depth (mKB) 1,280.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather PARTLY CLOUDY	Temperature (°C) -2	Lease Condition
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Operation at 6am
Drilling

Operations Summary

Waited on the new Pason Computer until 02:00hrs.
Directionally drilled from 1280m to 1333m. Rop and motor performance are outstanding in the start of the build section. Stopped drilling prior to entering the Slave Point formation so we could level and center the drilling rig around the hole. Circulated numerous bottoms up, and flow checked then rigged out the water tank/dog house, catwalk, manifold and the mud tank. Rigged up the centrifuge tank as a makeshift mud tank to allow us to circulate during the jacking and leveling operation.

Operations Next Report Period

Jack and level the rig

Remarks
Mobilized Ardy's rigging, Mullen trucking and Big Iron welding to complete the job. 12'x40' bridge matting and 8' x 40' rig matting were delivered to location for the job.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 28.0	Personnel Total Hours (hr) 672.00	Cum Personnel Total Hours (hr) 11,740.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:00	2.00	2.00	W/O Third Party Personnel	W/O THIRD PARTY PERSONNEL
02:00	07:00	5.00	7.00	Drill	DRILL 222 MM HOLE FROM 1280M TO 1315M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING W/ BOTH CREWS
07:15	10:00	2.75	10.00	Drill	DRILL 222 MM HOLE FROM 1315M-1333M
10:00	12:00	2.00	12.00	Condition mud & circulate	CONDITION MUD & CIRCULATE. PREPARE RIG FOR JACKING/SKIDDING WORK PIPE
12:00	19:00	7.00	19.00	Condition mud & circulate	CONDITION MUD & CIRCULATE, PREPARE RIG FOR JACKING/SKIDDING WORK PIPE
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	00:00	4.75	24.00	Level rig	TRANSFER FROM MUD TANKS TO 400 BBL, PREP TANKS TO SKID, RIG OUT PASON AND ALL REMAINING GROUND WORKS, SKID DOG HOUSE, CENTER AND LEVEL BOP'S JACK RIG

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost) 498.75	Cum Mud Field Est... 28,085.21		
Depth (mKB) 1,330.00	Density (kg/m³) 1120.0	Funnel Viscosity (s/L) 49	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
KELZAN	498.75	1.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/2/2011
Report #: 17.0
Depth Progress: 53.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 57,374
Cum Cost to Date: 1,759,945

DFS: 13.44days

Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	127.0	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)		Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run 4	Bit Type Bit	Size (mm) 222.0	Make REED	Model R20AMP	Serial Number W30040	IADC Codes 517
Nozzles (mm) 14.3/14.3/14.3	Depth In (mKB) 1,240.00	Depth Out (mKB) 1,333.00	Depth Drilled (m) 93.00	Drilling Time (hr) 10.50	BHA ROP (m/hr) 8.9	IADC Bit Dull 1-1-NO-A-E-0.00-NO-WC

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.61	1,320.09
Drill pipe - Stands			36	686.28	1,310.48
HWDP(4.0 IN)	64.0	102.0	54	505.15	624.20
HWDP(4.0 IN)	64.0	102.0	2	18.76	119.05
JARS-HYD/MECH	59.0	121.0	1	5.60	100.29
HWDP(4.0 IN)	64.0	102.0	6	56.28	94.69
X/O	69.0	160.0	1	0.67	38.41
MONEL FLEX	76.0	161.0	2	18.12	37.74
MONEL FLEX	81.0	159.0	1	9.07	19.62
ORIENT SUB	64.0	164.0	1	1.00	10.55
FLOAT SUB	64.0	165.0	1	1.11	9.55
MOTOR LS	64.0	102.0	1	8.19	8.44

DRILLING SUMMARY

Start Depth (mKB) 1,280.00	End Depth (mKB) 1,333.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 12,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 35	Motor RPM (rpm)	Bit RPM (rpm) 35	Slack-Off String Weight (daN)	Drilling Time (hr) 6.50		

SAFETY CHECKS

Date	Type	Des
2/2/2011	Safety Meeting	V- DOOR

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/3/2011
Report #: 18.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 94,006
Cum Cost to Date: 1,853,951

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 14.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear, was 8 above during the day	Temperature (°C) -4	Lease Condition
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Operation at 6am
Rigging out directional equipment

Operations Summary
Jacked and leveled the rig. Installed 6 8'x40' mats under the rig and 4 12' x 40' bridge mats under the rig on top of the existing rig matting. Skidded the rig ahead 5". When this was all said and done we had 40" of matting and dunnage under the front end of the sub structure. The ground continued to give way and the decision was made to move the rig off location and address the issue.

Moved the doghouse and mud tank back into position. Filled the suction tank and resumed circulation. When the catwalk and pipe table were back on position we pumped a pill and tripped out of the hole to lay down directional tools.

Operations Next Report Period

Run bridge plugs
Remarks

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 28.0	Personnel Total Hours (hr) 672.00	Cum Personnel Total Hours (hr) 12,412.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	07:00	7.00	7.00	Other	JACK RIG AND SKID
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	10:00	2.75	10.00	Condition mud & circulate	CONDITION MUD & CIRCULATE
10:00	10:15	0.25	10.25	Safety meeting	SAFETY MEETING WITH RIG CREW, TRUCKERS, RIG JACKERS
10:15	12:00	1.75	12.00	Other	START SECOND STEP IN JACKING AND SKIDDING RIG
12:00	15:30	3.50	15.50	Move rig	SPOT WATER TANK, MUD TANKS, CATWALK BACK IN PLACE LIFT PUMP HOUSE AND BOARD UP.
15:30	19:00	3.50	19.00	Rig up	RIG UP MUD TANKS, PUMP HOUSE, DOG HOUSE, INSTALL FLOW LINE
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH CREWS
19:15	21:15	2.00	21.25	Condition mud & circulate	CONDITION MUD & CIRCULATE, RIG UP PIPE TABLES, TRANSFER VOLUME TO ACTIVE
21:15	23:30	2.25	23.50	Trip out of hole	TRIP OUT OF HOLE FROM 1319M TO 946M
23:30	23:45	0.25	23.75	Safety meeting	SAFETY MEETING W/ CREW PRIOR TO LAY DWN DP
23:45	00:00	0.25	24.00	Lay down drill pipe	LAY DOWN DRILL PIPE

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)	Cum Mud Field Est...	
				1,467.36	29,552.57	
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
		1100.0	49	8.0		

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
BARITE	22.31	30.0
ULTRAFLOC	133.01	6.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/3/2011
Report #: 18.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 94,006
Cum Cost to Date: 1,853,951

DFS: 14.44days

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
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DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/3/2011	Safety Meeting	SPOTTING BUILDINGS
2/4/2011	Safety Meeting	LAY DWN DP

SAFETY INCIDENTS

Date	Com	Type
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WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)
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SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)
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FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 2/4/2011
Report #: 19.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 210,409
Cum Cost to Date: 2,064,360

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00	DFS: 15.44days		
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Wind 25k and clear	Temperature (°C) -17	Lease Condition
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Operation at 6am
Rigging out, moving at first light

Operations Summary
Layed down the drill string from 900m and the Directional BHA. Waited on the BJ tool hand to arrive with the "WRH" Retrievable Bridge Plugs. The plugs were send up from Edmonton and were delayed due to the icy road conditions. Cleaned mud tanks and rigged out until the tool hand arrived.

Held a safety meeting and ran the first plug in on drill pipe to 355m, 5m above the casing shoe. Filled the 102mm drill pipe with water and tied in the pressure tester. Closed the pipe rams and chained down the drill pipe. The plug set 21mpa. The mechanical reaction of setting the plug was fairly violent at surface. The decision was made to trip out and run the second plug @ 336m. Setting the bridge plug on drill pipe would not have been safe at 15m. Both plugs tested low 1,500kpa and 10,500kpa high and held for 10 min each.

Layed down the remaining 37 joints of drill pipe and nipped down the bop's.

Rig released to the E-52 well at 23:59 hours

Operations Next Report Period
Move to E-52 location

Remarks
Added 25,578.00 for cuttings disposal

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 32.0	Personnel Total Hours (hr) 768.00	Cum Personnel Total Hours (hr) 13,180.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	04:15	4.25	4.25	Lay down drill pipe	LAY DOWN DRILL PIPE AND HWDP FROM 908M TO 100M
04:15	04:30	0.25	4.50	Safety meeting	SAFETY MEETING PRIOR TO LAY DWN DIR TOOLS
04:30	06:00	1.50	6.00	Handle directional tools	LAY DWN DIR TOOLS
06:00	06:30	0.50	6.50	Clean - floor / Pump / screens	CLEAN- FLOOR
06:30	07:00	0.50	7.00	W/O Third Party Personnel	W/O THIRD PARTY PERSONNEL
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING W/ BOTH CREWS
07:15	12:00	4.75	12.00	W/O Third Party Tools	W/O THIRD PARTY TOOLS TEAR OUT PRE FABs, CLEAN UP RIG AND LEASE
12:00	13:00	1.00	13.00	W/O Third Party Tools	W/O THIRD PARTY TOOLS
13:00	13:15	0.25	13.25	Pre-job safety	PRE-JOB SAFETY MEETING WITH TOOL HAND
13:15	14:30	1.25	14.50	Trips	TRIP PIPE INTO HOLE TO SET BRIDGE PLUG
14:30	15:15	0.75	15.25	Other	FILL PIPE AND SET WR PLUG @ 355M
15:15	15:30	0.25	15.50	Pre-job safety	PRE-JOB SAFETY WITH PRESURE TESTER AND CREW
15:30	16:15	0.75	16.25	Pressure test BOPs	PRESSURE TEST BRIDGE PLUG #1 @ 1500 KPA LOW 10500 HIGH TEST HELD FOR 10 MIN
16:15	17:45	1.50	17.75	Trip out of hole	TRIP DP OUT OF HOLE
17:45	18:45	1.00	18.75	Trip in hole	TRIP IN HOLE WITH DP AND SECOND BRIDGE PLUG



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 2/4/2011
Report #: 19.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 210,409
Cum Cost to Date: 2,064,360

DFS: 15.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
18:45	19:00	0.25	19.00	Other	FILL PIPE TO SET BRIDGE PLUG NO.2
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	19:45	0.50	19.75	Other	SET BRIDGE PLUG # 2 @ 336M
19:45	20:45	1.00	20.75	Test BOP	PRESS TEST BRIDGE PLUG # 2 1500 KPA LOW 10500KPA HIGH TEST HELD FOR 10 MIN, RIG OUT PRESS TESTER
20:45	22:30	1.75	22.50	Lay down drill pipe	LAY DOWN DRILL PIPE
22:30	22:45	0.25	22.75	Clean - floor / Pump / screens	CLEAN - FLOOR AND SUB
22:45	00:00	1.25	24.00	Nipple down BOPs	NIPPLE DOWN BOPs

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		800.0
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB) Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

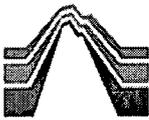
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/4/2011	Safety Meeting	PRESSURE TEST

SAFETY INCIDENTS

Date	Com	Type



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/4/2011

Report #: 19.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 210,409

Cum Cost to Date: 2,064,360

DFS: 15.44days

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/10/2011
Report #: 20.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 40,129
Cum Cost to Date: 2,104,489

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 21.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear	Temperature (°C) -22	Lease Condition
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Operation at 6am
W/O daylight rig watching

Operations Summary
Welding is complete on the I beam frame, rig watchers are on E-52 performing maintenance and prepping the rig to move back onto 2H-03. The boiler is running keeping surface, mainhole mud and water warm until the move. The casing bowl was welded on E-52.

Operations Next Report Period
Construction to build Ice and snow pad on location over piles and I beam frame

Remarks
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 5.0	Personnel Total Hours (hr) 120.00	Cum Personnel Total Hours (hr) 13,300.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:00	24.00	24.00	Crews on days off	Welders completed I beam welding, rig crews prepping rig for move, casing bowl welded on E-52

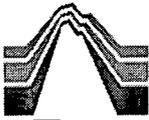
MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed

MUD PUMPS			
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	127.0	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY						
Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS					
Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/10/2011

Report #: 20.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 40,129

Cum Cost to Date: 2,104,489

DFS: 21.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m ³ /min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m ³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (*)	Azm (*)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (* /30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 2/11/2011
Report #: 21.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 26,144
Cum Cost to Date: 2,130,633

API/UW 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 22.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02	

Daily Operations

Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Light snow	Temperature (°C) -17	Lease Condition
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Operation at 6am
W/O daylight rig watching

Operations Summary
Construction building new ice pad over the piles on location., rig watchers are on E-52 performing maintenance and prepping the rig to move back onto 2H-03. The boiler is running keeping surface,mainhole mud and water warm until the move. The crews laid down remaining DC's and laid over the derrick. Nabors mechanics repaired damaged drawworks clutch and installed a new crown saver

Operations Next Report Period
Rebuild lease, Rig watch and prep to move

Remarks
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 5.0	Personnel Total Hours (hr) 120.00	Cum Personnel Total Hours (hr) 13,420.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
0:00	00:00	24.00	24.00	Crews on days off	Mechanics repaired drawworks and crown saver, laid down dc's and the derrick. 2 rig watchers @ \$750.00/man/day plus boiler cost

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)	127.0	
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/11/2011

Report #: 21.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 26,144

Cum Cost to Date: 2,130,633

DFS: 22.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/12/2011
Report #: 22.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 18,569
Cum Cost to Date: 2,149,202

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 23.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather snowing	Temperature (°C) -15	Lease Condition
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Operation at 6am
W/O daylight rig watching

Operations Summary
Construction crews completed the rebuild of the 2H-03 location, The boiler is running keeping surface, mainhole mud and water warm until the move. The crews laid down remaining DC's and laid over the derrick. Nabors mechanics changed out the Drawworks Driveline U-joint and set up the brakes. Electricians changed out the damaged derrick conduit and light balasts. Crews removed snow.

Operations Next Report Period
Rig watch and prep to move

Remarks
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 5.0	Personnel Total Hours (hr) 120.00	Cum Personnel Total Hours (hr) 13,540.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:00	24.00	24.00		Mechanics changed out the Drawworks Driveline U-joint and set up the brakes.Changed out the damaged derrick conduit and light balasts. Removed snow. 2 rig watchers @ \$750.00/man/day plus boiler cost

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed

MUD PUMPS			
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW) 127.0	Volumetric Efficiency (%) 800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY						
Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 2/12/2011
Report #: 22.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 18,569
Cum Cost to Date: 2,149,202

DFS: 23.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/13/2011
Report #: 23.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 16,402
Cum Cost-to Date: 2,165,604

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 24.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	
Weather Light snow		Temperature (°C) -15	Lease Condition	
Operation at 6am W/O daylight rig watching				
Operations Summary Crews removed snow, organized tubulars, rigged down pre-fabs and Pason cords. Boiler running keeping heat on surface and mainhole mud systems in storage.				
Operations Next Report Period Rig watch and prep to move				
Remarks Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52				
Avg Connection Gas (Units)		Avg Background Gas (Units)		Avg Trip Gas (Units)
Head Count 5.0		Personnel Total Hours (hr) 120.00		Cum Personnel Total Hours (hr) 13,660.00

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:00	24.00	24.00		Removed snow. Worked with Electricians, rigged out pre-fabs and Pason Cords, organized tubulars for the move 2 rig watchers @ \$750.00/man/day plus boiler cost

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)		Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)	Cum Mud Field Est...
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed

MUD PUMPS			
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	127.0	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY						
Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS					
Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/13/2011

Report #: 23.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 16,402

Cum Cost to Date: 2,165,604

DFS: 24.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m ³ /min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m ³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/14/2011
Report #: 24.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 15,052
Cum Cost to Date: 2,180,656

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 25.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -27	Lease Condition
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Operation at 6am

W/O daylight rig watching

Operations Summary

Rig Watchers changed oil in the rigs lighplant, floor motor and chain case. Changed out all hydraulic fittings on the catwalk.

Boiler running keeping heat on surface and mainhole mud systems in storage.

Operations Next Report Period

Rig watch and prep for Wednesday move. Vacuum truck will start hauling drilling mud late this evening to storage at 2H-03

Remarks

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52

Rig move will commence Wenesday afternoon

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 5.0	Personnel Total Hours (hr) 120.00	Cum Personnel Total Hours (hr) 13,780.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:00	24.00	24.00		changed oil in the rigs lighplant, floor motor and chain case. Changed out all hydraulic fittings on the catwalk.

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 2/14/2011
Report #: 24.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 15,052
Cum Cost to Date: 2,180,656

DFS: 25.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/15/2011
Report #: 25.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 15,052
Cum Cost to Date: 2,195,708

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 26.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -30	Lease Condition
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Operation at 6am
Rig watch, crews travelling to airport for flight to Highlevel

Operations Summary
Rig Watchers, preparing the rig for the move

Boiler running keeping heat on surface and mainhole mud systems in storage.

Operations Next Report Period
Rig move to commence mid afternoon

Remarks
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 5.0	Personnel Total Hours (hr) 120.00	Cum Personnel Total Hours (hr) 13,900.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:00	24.00	24.00		Prepped rig for tomorrows move

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Slab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW) 127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/15/2011
 Report #: 25.0
 Depth Progress: 0.00

Business Unit: NE BC & NWT COU
 Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 15,052
 Cum Cost to Date: 2,195,708

DFS: 26.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/16/2011

Report #: 26.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 50,735

Cum Cost to Date: 2,246,442

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 27.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations

Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -32	Lease Condition
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Operation at 6am

W/O daylight for rig move

Operations Summary

Crews flew into Highlevel then travelled to location. Held a safety meeting with Mullen Trucking and began moving the rig. 80% of the rig moved to the 2H-03 location. Flooded the 2H-03 lease over night to level it out around hole center.

Operations Next Report Period

Complete rig move and rig up

Remarks

Two bed trucks a picker and 3 tractors on the move.
Aircraft cost entered as well as half dayrate on the drilling rig for yesterday

NEB Inspectors were in the Cameron Hills area. Staying in Hay River

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 36.0	Personnel Total Hours (hr) 864.00	Cum Personnel Total Hours (hr) 14,764.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	12:00	12.00	12.00	Rig Watch	RIG WATCH DAY#7/ 2 WATCHERS @ \$750 A DAY PER MAN, BOILER RUNNING TO HEAT 400 BBLS / FLY CREWS IN TO HIGH LEVEL & TRANSPORT TO THE RIG
12:00	12:15	0.25	12.25	Safety meeting	SAFETY MEETING WITH MULLEN TRUCKING
12:15	20:00	7.75	20.00	Move rig	LOAD UP & MOVE THE RIG & MATTING TO 2H-03 (C6473) LOCATION
20:00	00:00	4.00	24.00	W/O Daylight	W/O DAYLIGHT TO MOVE SHACKS, RENTALS, & SPOT RIG

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
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MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW) 127.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/16/2011

Report #: 26.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 50,735

Cum Cost to Date: 2,246,442

DFS: 27.44days

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)		Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/16/2011	Safety Meeting	RIG MOVE
2/17/2011	Safety Meeting	SPOTTING MATTING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/17/2011

Report #: 27.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 109,828

Cum Cost to Date: 2,356,270

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 28.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear	Temperature (°C) -39	Lease Condition
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Operation at 6am
Nippling up, rigging up

Operations Summary
Completed the rig move to 2H-03, spotted all rig and rental loads. Transferred all surface and mainhole mud from E-52 to 2H-03, we had a few challenges with everything as it was 40 below yesterday.

Raised the lower section of the derrick last night, but could not raise the derrick as there is an issue with the air to the hoisting clutch. Nabors mechanics were trouble shooting with the toolpush over the phone. This did not hinder us too badly yesterday as rig up activities were taking place in other areas. Flare tank was rigged in, pason power cords and steam lines were run. Centrifuge tank and shale dryer were rigged up.

Operations Next Report Period
Raise the derrick, complete nipple up, pressure test. Pick up HWDP and pull bridge plugs

Remarks
NEB Inspectors were in the Cameron Hills area. Staying in Hay River

Rig move cost 46,800.00 and fuel cost of 27,115.00 entered into daily cost

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52. Left all drill collars and surface hole equipment on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 30.0	Personnel Total Hours (hr) 720.00	Cum Personnel Total Hours (hr) 15,484.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	08:00	8.00	8.00	W/O Daylight	W/O DAYLIGHT TO CONTINUE TO MOVE THE RIG
08:00	08:15	0.25	8.25	Safety meeting	SAFETY MEETING WITH MULLEN TRUCKING
08:15	12:00	3.75	12.00	Move rig	SPOT MATS, & THE RIG, LOAD UP & MOVE SHACKS & RENTALS TO THE NEW LOCATION
12:00	16:30	4.50	16.50	Spot rig/loads/buildings	SPOT RIG/LOADS/BUILDINGS
16:30	00:00	7.50	24.00	Rig up	RIG UP STEAM, AIR AND, POWER RIG IN MUD TANKS AND MUD PUMPS, RAISE LOWER SECTION OF DERRICK

MUD CHECKS							
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)	
Electric Slab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...	
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)		

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed

MUD PUMPS			
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/17/2011

Report #: 27.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 109,828

Cum Cost to Date: 2,356,270

DFS: 28.44days

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 127.0	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB) Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/18/2011
Report #: 28.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 50,776
Cum Cost to Date: 2,407,046

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 29.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear, the wind at 25k. Its cold	Temperature (°C) -25	Lease Condition
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Operation at 6am
Pressure Testing the Kelly, 312m HWDP in the hole

Operations Summary
Three hours of the day spent working on the Drawworks Hoisting Clutch. (could not raise the derrick) Nipped up the bops using the hoisting rams because the tuggers were not available. Held a pre job safety meeting @ 11:00 then raised the top derrick section. Displaced 500l of Diesel from the top of the well in to a storage tote. Pressure tested the bop's (details in tomorrows report). Picked up a new Kelly bar and made up chain tong tight. Carried on pressure testing.

Operations Next Report Period
Pull WR Plugs, make up directional tools, drill the 222mm build

Remarks
We had a 300l mud spill on the the rig matting, a hole the size of a quarter below bridge gate caused the spill. The spill was cleaned up, tank repaired and the spill was reported.

Hoe operator cleaned out shale bins and built snow ramps. Hooked up the flare stack, blooey and degasser lines. Changed out the light plant at the security shack as it was constantly going down. BJ tool service hand arrived @ 21:00hrs to pull bridge plugs.

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52. Left all drill collars and surface hole equipment on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 16,228.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:00	3.00	3.00	Downtime - Drawworks	DOWNTIME - DRAWWORKS , WORK ON HOISTING CLUTCH AIR SYSTEM .
03:00	07:00	4.00	7.00	Nipple up BOPs	WARM UP BOP INSTALL DSA , , STACK & CHOKE LINE
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	11:00	3.75	11.00	Nipple up BOPs	CONTINUE TO NIPPLE UP BOPS, HOOK UP BOP LINES & FUNCTION TEST BOP
11:00	12:00	1.00	12.00	Rig up	RIG UP RAISE TOP SECTION OF DERRICK/ SAFETY MEETING PRIOR TO RAISE
12:00	14:00	2.00	14.00	Nipple up BOPs	DISPLACE DIESEL FUEL FROM WELL & INSTALL KILL LINES
14:00	19:00	5.00	19.00	Other	PICK UP MOUSE HOLE AND KELLY SOCK. RIG UP FLARE AND DEGASSER LINES, INSTALL PRE FABS ON DRILL FLOOR
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS AND PRESSURE TESTER
19:15	21:00	1.75	21.00	Pressure test BOPs	PRESSURE TEST MANIFOLD, CONTINUE TO RIG UP PRE FABS
21:00	21:45	0.75	21.75	Rig up top drive	PICK UP / MAKE UP KELLY
21:45	00:00	2.25	24.00	Pressure test BOPs	PRESSURE TEST BOP, DETAILS IN NEXT TOUR



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/18/2011
Report #: 28.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 50,776
Cum Cost to Date: 2,407,046

DFS: 29.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m²)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		800.0
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB) Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/18/2011	Safety Meeting	EQUIPMENT CARE AND INSPECTION
2/19/2011	Safety Meeting	PICK UP HWDP

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/19/2011
Report #: 29.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 79,263
Cum Cost to Date: 2,486,309

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 30.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02	

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Pleasant	Temperature (°C) -12	Lease Condition
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Operation at 6am
Picking up singles on the way in the hole, losing volume to the Wabamun formation

Operations Summary
Completed pressure testing as detailed in time breakdown.
Held a safety meeting with the Baker Tool hand then made up the retrieving assembly and began picking up HWDP. Pulled the top plug @ 336m then ran in and latched onto the bottom plug at 355m. Conducted a hazard hunt, rig inspection and bop drill. Released the plug and flow checked for 10min, well was static. Laid down the bottom bridge plug and retrieving assembly.
Made up the Reed R20 AMP 517 and directional assembly and tripped in the hole to the shoe. Held a safety meeting with Trogan safety, service hands and rig crew, function tested the rig rat system.
As soon as we entered open hole the string started taking weight as the hole had sloughed in, we picked up the Kelly and began to ream and wash into the hole.

Operations Next Report Period
Drill ahead

Remarks
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.
Left all drill collars and surface hole equipment on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 16,972.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:00	2.00	2.00	Pressure test BOPs	PRESSURE TESTED BOP, MANIFOLD VALVES, UPPER AND LOWER KELLY COCKS, CHOKE LINE, INSIDE BOP, STABBING VALVE AND PIPE RAMS, ANNULAR 1,400KPA LOW AND 14,000KPA HIGH HELD FOR 5MIN, NO PRESSURE DROP
02:00	02:30	0.50	2.50	Test BOP	TESTED THE CASING AND BLIND RAMS 1,400 LOW AND 12,500 HIGH, 5 MIN NO PRESSURE DROP, ACCUMULATOR TEST, STARTING PRESSURE 22,500 KPA AND REMAINING PRESSURE AFTER ALL FUNCTIONS 11,500KPA, PUMP UP TIME 91SEC
02:30	02:45	0.25	2.75	Safety meeting	SAFETY MEETING WITH BAKER TOOL HAND
02:45	06:00	3.25	6.00	Pick up 3rd party tools	PICK UP RETRIEVING ASSEMBLY AND HWDP, RUN IN HOLE TO RETRIEVE THE TOP PLUG @ 336M
06:00	07:00	1.00	7.00	Other	PICK UP KELLY TO MAKE IT UP, NEEDED THE WEIGHT OF THE STRING TO TORQUE PROPERLY INSTALL KELLY HOSE
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	08:30	1.25	8.50	Other	PUT ROLLERS ON KELLY
08:30	10:00	1.50	10.00	Trip out of hole	TRIP OUT OF HOLE WITH THE TOP PLUG
10:00	10:30	0.50	10.50	Other	BREAK TOP PLUG AND LAY OUT
10:30	11:30	1.00	11.50	Trip in hole	TRIP IN HOLE
11:30	11:45	0.25	11.75	Other	LATCH ONTO SECOND PLUG @ 355M, SET DOWN 3 daN AND CHAIN DOWN THE BRAKE
11:45	12:00	0.25	12.00	Safety inspection	CONDUCTED HAZARD HUNT AND DRILL OUT INSPECTION
12:00	12:15	0.25	12.25	Drills/BOP, etc.	DRILLS/BOP, DISCUSSED CREW POSITION, CHECK MANIFOLD ALIGNMENT
12:15	12:30	0.25	12.50	Trip out of hole	RELEASE BOTTOM PLUG, FLOW CHECK
12:30	13:15	0.75	13.25	Trips	TRIP OUT OF THE HOLE WITH BOTTOM BRIDGE PLUG



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/19/2011

Report #: 29.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 79,263

Cum Cost to Date: 2,486,309

DFS: 30.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
13:15	14:00	0.75	14.00	Other	LAY DOWN BRIDGE PLUG AND LATCH ASSEMBLY
14:00	15:00	1.00	15.00	Slip/Cut drilling line	PRE JOB SAFETY MEETING AND SLIP/CUT DRILLING LINE
15:00	15:15	0.25	15.25	Safety meeting	SAFETY MEETING WITH DIRECTIONAL HANDS
15:15	17:45	2.50	17.75	Directional work	PICK UP AND MAKE UP DIRECTIONAL TOOLS
17:45	19:00	1.25	19.00	Trips	TRIP IN THE HOLE
19:00	19:30	0.50	19.50	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:30	20:30	1.00	20.50	Other	MAKE UP LOWER KELLY COCK AND SAVER SUB, TORQUE KELLY TO UPPER KELLY COCK
20:30	00:00	3.50	24.00	Ream & Clean	REAM & CLEAN FROM 363 M TO 446M

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	41.79	29,594.36
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
	1075.0	34	7.5			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1		127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB) Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

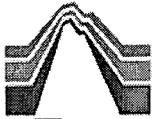
Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/19/2011	Safety Meeting	SLIP AND CUT
2/20/2011	Safety Meeting	H2S



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/19/2011

Report #: 29.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 79,263

Cum Cost to Date: 2,486,309

DFS: 30.44days

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/20/2011

Report #: 30.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 51,894

Cum Cost to Date: 2,538,203

API/UWV 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 31.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,333.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Light Snow	Temperature (°C) -17	Lease Condition
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Operation at 6am
Drilling the build section @ 1354m (Slave Point)

Operations Summary
Washed and reamed in the hole from 446m to 740m, picked up singles with no kelly through the Fort Simpson, wash and reamed from 740m to 854m, picked up singles with no kelly from 854m to 1090m. Washed and reamed from that point to bottom. The hole through the start of the build was in especially rough shape. Hole loses that we experienced through the Wabamun ceased as we mixed some sawdust and cello flake, we lost nearly 40m3 through the 28 or so hours it took us to make it from the shoe to bottom.

Operations Next Report Period
Drill ahead

Remarks
We had a Diesel Spill yesterday, 90l of diesel was spilled onto the ice pad. The spill was contained, then cleaned up throughout the night. The spill will be reported as per protocol.

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.
Left all drill collars and surface hole equipment on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 17,716.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	05:15	5.25	5.25	Ream & Clean	REAM & CLEAN FROM 446M TO 740M
05:15	06:00	0.75	6.00	Condition mud & circulate	CIRCULATE & MONITOR LOSSES
06:00	07:00	1.00	7.00	Pick up drill pipe	PICK UP DRILL PIPE FROM 740M TO 854M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	09:30	2.25	9.50	Pick up drill pipe	PICK UP DRILL PIPE FROM 854M-1090M
09:30	12:00	2.50	12.00	Ream & Clean	REAM & CLEAN FROM 1090M-1177M
12:00	16:00	4.00	16.00	Ream & Clean	REAM & CLEAN FROM 1177M- 1265M
16:00	16:15	0.25	16.25	Rig Service	RIG SERVICE
16:15	18:00	1.75	18.00	Ream & Clean	REAM & CLEAN FROM 1265M- 1284M
18:00	19:00	1.00	19.00	Circulate And Condition	CIRCULATE TO CLEAN HOLE
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	00:00	4.75	24.00	Ream & Clean	REAM & CLEAN FROM 1284 M TO 1327M

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	1,604.39	31,198.75
Depth (mKB) 1,285.00	Density (kg/m³) 1115.0	Funnel Viscosity (s/L) 45	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Des CAUSTIC	Field Est (Cost/unit) 41.79	Consumed 1.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 2/20/2011
Report #: 30.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 51,894
Cum Cost to Date: 2,538,203

DFS: 31.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CELLOPHANE	71.98	3.0
DRISPAC	198.45	1.0
KELZAN	498.75	1.0
KWIKSEAL	33.90	3.0
LIGNITE	15.72	1.0
ULTRAFLOC	133.01	4.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB) Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/20/2011	Safety Meeting	HOUSEKEEPING
2/21/2011	Safety Meeting	MIXING CAUSTIC

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
2/21/2011	1,326.35	27.90	169.90	1,323.19	2.28	2.78	-2.24	5.51
2/21/2011	1,335.99	27.90	171.00	1,331.71	-2.17	3.53	2.22	1.60
2/21/2011	1,345.61	28.90	174.00	1,340.05	-6.87	4.49	6.92	143.16
2/21/2011	1,355.01	31.30	177.30	1,347.99	-11.79	5.41	11.86	277.31
2/21/2011	1,364.21	34.30	177.60	1,355.73	-16.77	5.63	16.84	9.80

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Wabamun Grp	470.00	469.95
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/20/2011

Report #: 30.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 51,894

Cum Cost to Date: 2,538,203

DFS: 31.44days

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Beaverhill Lake Fm	1,325.00	1,321.96



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/21/2011
Report #: 31.0
Depth Progress: 83.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 81,585
Cum Cost to Date: 2,619,788

API/UWJ 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 32.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,333.00	End Depth (mKB) 1,416.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear, wind 20k NNW	Temperature (°C) -24	Lease Condition
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Operation at 6am
Tripping out at 1424m, due to no diff pressure, signifacant table torque

Operations Summary
Reamed and cleaned to bottom from 1327m with 48m of fill the bottom section was in poor shape. Conducted B.O.P and sour drill, Orientated tool and drilled ahead from 1333-1416m with good hole conditions with R.O.P of 2-5m/hour. Bentonite content increased to 150kg/m3+, controlled with desco and water. Drilled ahead to 1424m and circulated hole clean ready to trip bit. Pulled off bottom pulling 6daN over string weight. Pason torque sensor not working.

Operations Next Report Period
Trip out, inspect motor and bit, trip in and resume drilling @ 1424m md

Remarks
Hauled 1 full load of cutting to CCS.
INAC was out to perform their weekly inspections, they inspected the cuttings storage area and looked over the site of the cleaned up diesel spill. Crews conducted pack up drills and completed fit testing. Fire drill held in camp
Neufeld delivered 25,241.6 liters of fuel
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.
The incinerator that was backhauled on the rig move was taken back to Ketek.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 18,460.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:45	0.75	0.75	Ream & Clean	REAM & CLEAN FROM 1327M TO 1333M
00:45	01:00	0.25	1.00	Drills/BOP, etc.	BOP DRILL WITH RIG CREW, WELL SECURE IN 90 SECONDS, DISCUSSED KICK WARNING SIGNS, CREW POSITIONS, DAILY CHECKS OF SURFACE EQUIPMENT
01:00	05:00	4.00	5.00	Drill	DRILL 222 MM HOLE FROM 1333M TO 1351M
05:00	05:15	0.25	5.25	Rig Service	RIG SERVICE FUNCTION PIPE RAMS 3 SEC TO CLOSE
05:15	07:00	1.75	7.00	Drill	DRILL 222 MM HOLE FROM 1351M TO 1358M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH CREWS
07:15	10:00	2.75	10.00	Drill	DRILL 222MM HOLE 1358M- 1370M
10:00	10:15	0.25	10.25	Other	LEVEL RIG
10:15	12:00	1.75	12.00	Drill	DRILL 222MM HOLE FROM 1370M- 1379M
12:00	14:15	2.25	14.25	Drill	DRILL 222MM HOLE FROM 1379M- 1388M
14:15	14:30	0.25	14.50	Rig Service	RIG SERVICE, FUNCTION THE ANNULAR
14:30	19:00	4.50	19.00	Drill	DRILL 222MM HOLE FROM 1388M- 1402M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	23:15	4.00	23.25	Drill	DRILL 222MM HOLE FROM 1402M TO 1416M
23:15	00:00	0.75	24.00	Deviation survey	ACCUMILATED SURVEY TIME

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB) 1,412.00	Density (kg/m³) 1100.0	Funnel Viscosity (s/L) 62	pH 10.0	PV Override (cp)	YP Override (Pa)	3,915.09 35,113.84



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/21/2011

Report #: 31.0

Depth Progress: 83.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 81,585

Cum Cost to Date: 2,619,788

DFS: 32.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	4.0
CAUSTIC	41.79	3.0
KELZAN	498.75	3.0
KELZAN	498.75	1.0
LIGNITE	15.72	2.0
ULTRAFLOC	133.01	6.0
ULTRAFLOC	133.01	6.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		127.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
4RR	Bit	222.0	REED	R20AMP	W30040	517
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
14.3/14.3/14.3	1,333.00	1,424.00	91.00	24.50	3.7	0-0-?-?-?-?-DFM

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.61	1,414.47
Drill pipe - Stands			42	799.34	1,404.86
HWDP(4.0 IN)	64.0	102.0	54	505.23	605.52
JARS-HYD/MECH	59.0	121.0	1	5.60	100.29
HWDP(4.0 IN)	64.0	102.0	6	56.28	94.69
X/O	69.0	160.0	1	0.67	38.41
MONEL FLEX	76.0	161.0	1	9.45	37.74
MONEL FLEX	76.0	161.0	1	8.67	28.29
MONEL FLEX	81.0	159.0	1	9.07	19.62
ORIENT SUB	64.0	164.0	1	1.00	10.55
FLOAT SUB	64.0	165.0	1	1.11	9.55
MOTOR LS	64.0	102.0	1	8.19	8.44

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,333.00	1,379.00		12,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
	35		35	10.00		
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,379.00	1,416.00		18,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
	35		35	10.75		

SAFETY CHECKS

Date	Type	Des
2/21/2011	Safety Meeting	TRAPPED TABLE TORQUE
2/22/2011	Safety Meeting	HAND TOOLS



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/21/2011

Report #: 31.0

Depth Progress: 83.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 81,585

Cum Cost to Date: 2,619,788

DFS: 32.44days

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)
2/21/2011	1,373.40	37.60	177.80	1,362.71	-22.54	7.11	22.63	13838.86
2/21/2011	1,382.59	41.50	177.30	1,369.54	-28.61	7.99	28.71	2423.96
2/21/2011	1,392.22	45.40	175.90	1,376.26	-35.43	8.92	35.54	1728.15

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/22/2011

Report #: 32.0

Depth Progress: 8.00

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 59,417

Cum Cost to Date: 2,679,205

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 33.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02	

Daily Operations				
Start Depth (mKB) 1,416.00	End Depth (mKB) 1,424.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather 25 with a 50k/hr wind	Temperature (°C) -23	Lease Condition
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Operation at 6am
Tripping in with the over shot to fish mud motor and bit

Operations Summary
 Drilled the build section from 1416m to 1424m. After completing a slide at 1424m the drill string was picked of bottom and a 2000kpa pressure drop was noted. We kicked in the rotary table and proceeded to bottom, table torque was very high and there was no differential pressure, this was confirmed through several attempts to make it to bottom. Circulated a bottoms up and tripped out to have a look at the mud motor and bit. When we pulled the motor through the table, the float sub and dump sub were the only sections of the motor attached. This section totalled .78 of a meter in length. The connection between the dump sub and rotor catch connection failed. We broke off and laid down the portion of the motor. We made up a re-run 222mm 447 bit, bit sub and cross over and tripped in to clean out and polish the fish. Washed through a bridge at 580m, the rest of the hole was in good shape. Washed in from 1357m to the top of the fish. Tagged the top of the motor/fish at 1416.84m, projected inclination at bottom is 55 deg.
 Rotated slowly above the fish and slowly applied weight to polish off the top of the failed connection.
 Circulated a bottoms up, pumped a pill and tripped out to make up fishing tools.
 Bentonite content increased to 185kg/m3, controlling with desco and dilution.

Operations Next Report Period
Recover the fish, make up new mud motor and assembly drill ahead

Remarks
 One Walking floor trailer load of sawdust delivered, some additional road radios and radio booster antenna were delivered to increase radio range for both security trailers. The items were dropped off with the load of dry mud product that was delivered.
 Changed out the pason computer (DHC) second one this season
 Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 19,204.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:45	3.75	3.75	Drill	DRILL FROM 1416M TO 1424M
03:45	04:15	0.50	4.25	Condition mud & circulate	CIRCULATE BOTTOMS UP
04:15	07:00	2.75	7.00	Trip out of hole	TRIP OUT OF HOLE FROM 1424M TO 997M, FLOW CHECKS @ 1414M, 1281M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	10:15	3.00	10.25	Trip out of hole	TRIP OUT OF HOLE FROM 997M-19M, LAID DOWN THE JARS
10:15	10:30	0.25	10.50	Safety meeting	PRE JOB SAFETY MEETING WITH DIRECTIONAL HANDS
10:30	11:30	1.00	11.50	Directional work	THE MUD MOTOR CAME THROUGH THE TABLE MISSING EVERYTHING BELOW THE DUMP SUB
11:30	12:00	0.50	12.00	W/O Orders	W/O ORDERS F.T. PIPE, AND BLIND RAMS 3 SECS EACH TO CLOSE
12:00	13:30	1.50	13.50	Fishing	CLEAN UP THE DRILL FLOOR, GET BIT SUB CROSS OVERS AND BIT UP TO THE FLOOR
13:30	19:00	5.50	19.00	Fishing	RUN IN HOLE TO CONFIRM FISH DEPTH AND CLEAN THE HOLE FROM 0M-1357M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	20:45	1.50	20.75	Fishing	WASH FROM 1357M TO 1416 AND POLISH TOP OF FISH @ 1416.84
20:45	21:30	0.75	21.50	Condition mud & circulate	CIRCULATE HOLE CLEAN AND MIX A PILL
21:30	00:00	2.50	24.00	Fishing	PULL OUT OF HOLE TO PICK UP FISHING TOOLS FLOW CHECKS @ 1407M, 1360M, 711M,



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/22/2011
Report #: 32.0
Depth Progress: 8.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 59,417
Cum Cost to Date: 2,679,205

DFS: 33.44days

MUD CHECKS

Low Gravity Solids (%)	6.0	MBT (kg/m ³)		Oil Water Ratio		Chlorides (mg/L)	400.000	Calcium (mg/L)	100.000	Lime (kg/m ³)		Potassium (mg/L)	
Electric Stab (V)		ECD - Manual Entry (kg/m ³)	1163000.0	Sand (%)		Solids (%)		Temp Bottom Hole (°C)		HTHP Pressure (kPa)		HTHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m ³)		Mud Lost to Hole (m ³)		Cum Mud Lost to Hole (m ³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...	1,932.99	Cum Mud Field Est...	37,046.83		
Depth (mKB)	1,407.00	Density (kg/m ³)	1060.0	Funnel Viscosity (s/L)	6,048	pH	8.5	PV Override (cp)	13.0	YP Override (Pa)	4.309		

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
BARITE	22.31	45.0
BARITE	22.31	30.0
CAUSTIC	41.79	2.0
DESCO	80.22	1.0
DESCO	80.22	1.0
LIGNITE	15.72	1.0

MUD PUMPS

Pump Number	1	Rod Diameter (mm)		Pump Rating (kW)	
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	
Pump Number		Rod Diameter (mm)	127.0	Pump Rating (kW)	800.0
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	
Pump Number		Rod Diameter (mm)		Pump Rating (kW)	
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	

BIT SUMMARY

Bit Run	4RR	Bit Type	Bit	Size (mm)	222.0	Make	REED	Model	R20AMP	Serial Number	WV30040	IADC Codes	517
Nozzles (mm)	14.3/14.3/14.3	Depth In (mKB)	1,333.00	Depth Out (mKB)	1,424.00	Depth Drilled (m)	91.00	Drilling Time (hr)	24.50	BHA ROP (m/hr)	3.7	IADC Bit Dull	0-0-?-?-?-?-DFM

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.61	1,414.47
Drill pipe - Stands			42	799.34	1,404.86
HWDP(4.0 IN)	64.0	102.0	54	505.23	605.52
JARS-HYD/MECH	59.0	121.0	1	5.60	100.29
HWDP(4.0 IN)	64.0	102.0	6	56.28	94.69
X/O	69.0	160.0	1	0.67	38.41
MONEL FLEX	76.0	161.0	1	9.45	37.74
MONEL FLEX	76.0	161.0	1	8.67	28.29
MONEL FLEX	81.0	159.0	1	9.07	19.62
ORIENT SUB	64.0	164.0	1	1.00	10.55
FLOAT SUB	64.0	165.0	1	1.11	9.55
MOTOR LS	64.0	102.0	1	8.19	8.44

DRILLING SUMMARY

Start Depth (mKB)	1,416.00	End Depth (mKB)	1,424.00	ROP Instantaneous (min/m)		Weight on Bit (daN)	30,000	Drilling Torque		Flow Rate (m ³ /min)		dP (SPP) (kPa)	
RPM (rpm)	40	Motor RPM (rpm)		Bit RPM (rpm)	40	Slack-Off String Weight (daN)		Drilling Time (hr)	3.75				

SAFETY CHECKS

Date	Type	Des
2/23/2011	Safety Meeting	MAKE UP FISHING TOOLS



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/22/2011

Report #: 32.0

Depth Progress: 8.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 59,417

Cum Cost to Date: 2,679,205

DFS: 33.44days

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/23/2011

Report #: 33.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 52,407

Cum Cost to Date: 2,731,611

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 34.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 1,424.00	End Depth (mKB) 1,424.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Light Snow	Temperature (°C) -26	Lease Condition
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Operation at 6am
Tripping out with the Mill

Operations Summary
Completed the clean out trip, laid down the bit and bit sub, made up Weatherfords M-9863 series 150 overshot with a 156.1mm spiral grapple. Tripped in and washed in the last single above the top of the fish. Washed down then worked the overshot onto the fish. Pulled 20 daN over string weight, firing the jars once. Tripped out of the hole. The mud motor was not recovered. The Grapple control was broken and the overshot was slightly edged. Weatherford has no other overshot on location. Tripped in with a flat bottom mill, the hole was in good condition on the way in. Fishing tools hot shot from Grande Prairie.

Operations Next Report Period
Fish

Remarks
Pason computer was out again today to change out and repair radios and roto torque sensors.

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 19,948.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	01:30	1.50	1.50	Fishing	PULL OUT OF HOLE FOR FISHING TOOLS, FLOW CHECK OUT OF HOLE
01:30	02:00	0.50	2.00	Clean - floor / Pump / screens	CLEAN - FLOOR
02:00	02:15	0.25	2.25	Safety meeting	SAFETY MEETING WITH FISHERMAN AND CREW
02:15	07:00	4.75	7.00	Fishing	PICK UP/ MAKE UP FISHING TOOLS AND RUN IN HOLE FROM SURFACE TO 1248M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	10:00	2.75	10.00	Fishing	TRIP PIPE IN FROM 1248M TO 1414M WAIT FOR BOTTOMS UP. (FISHING)
10:00	12:00	2.00	12.00	Fishing	LATCH ON TO FISH AND TRIP OUT OF THE HOLE FROM 1416M-1196M
12:00	16:45	4.75	16.75	Fishing	(FISHING) CONTINUE TO TRIP PIPE OUT OF HOLE 1196M TO SURFACE, NO FISH IN GRAPPLE,
16:45	18:00	1.25	18.00	W/O Orders	W/O ORDERS F.T. BLIND AND PIPE RAMS, CLEAN AND PREPARE FLOOR,
18:00	18:45	0.75	18.75	Rig Repair	RIG REPAIR/ REPLACE QUICK RELEASE ON HOISTING CLUTCH
18:45	19:00	0.25	19.00	Safety meeting	SAFETY MEETING PRETOUR
19:00	23:45	4.75	23.75	Fishing	FISHING MAKE UP MILLING TOOLS AND RUN IN HOLE FROM SURFACE TO 1376M FILL PIPE @ 570M, 1200M
23:45	00:00	0.25	24.00	Rig Service	RIG SERVICE

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Report For: 2/23/2011
Report #: 33.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 52,407
Cum Cost to Date: 2,731,611

DFS: 34.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
BARITE	22.31	21.0
ULTRAFLOC	133.01	1.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1	127.0	800.0	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Stack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/23/2011	Safety Meeting	COLD WEATHER
2/24/2011	Safety Meeting	MILLING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/24/2011
Report #: 34.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 63,575
Cum Cost to Date: 2,795,186

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 35.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,424.00	End Depth (mKB) 1,424.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Wind	Temperature (°C) -14	Lease Condition
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Operation at 6am
Waiting on new fishing tools

Operations Summary
Completed the trip in with the mill, dressed the top of the fish, tripped out to pick up new overshot and grapple. Tripped in with new fishing assembly, filled pipe at the casing shoe and at KOP. Washed the last 5 singles down to bottom. Worked on the fish for 4 hours with no positive results, the tools we had in the hole were not able to pull the fish off the side of the well. Washover pipe with an internal grapple were mobilized with Grande Prairie along with a second fisherman. Started the trip out to change fishing assembly.

Operations Next Report Period
Recover the mud motor, make up directional tools

Remarks
We had a 2m3 spill early yesterday morning, 2m3 of drilling fluid were spilled out of the shale containment bin. All of the fluid was recovered off the ice pad. The spill was reported to Parmount and the NWT Spill line.

Took delivery of 7,200l itres of diesel, one load of cuttings hauled to CCS
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hr) 31.0	Cum Personnel Total Hours (hr) 744.00	20,692.00

DAILY CONTACTS

Title Drilling Foreman-	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	01:15	1.25	1.25	Fishing	RUN IN HOLE FROM 1376M TO 1416M
01:15	02:45	1.50	2.75	Fishing	DRESS TOP OF FISH WITH MILL
02:45	03:45	1.00	3.75	Condition mud & circulate	CIRCULATE, MIX PILL AND CLEAN FLOOR
03:45	07:00	3.25	7.00	Fishing	TRIP OUT OF HOLE WITH MILL TOOLS TO PICK UP OVER SHOT FLOW CHECKS @ 1406M, 1325M, 766M 560M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	09:30	2.25	9.50	Fishing	(FISHING) CONTINUE TO TRIP PIPE OUT OF HOLE WITH MILLING TOOL FROM 546M-0M AND BREAK OFF MILLING TOOL, CLEAN AND PREPARE FLOOR TO RIH WITH OVER SHOT AND GRAPPLE.
09:30	12:00	2.50	12.00	Fishing	(FISHING) MAKE UP OVER SHOT AND GRAPPLE RUN IN FROM 0M- 567M FILL PIPE @ 355M
12:00	17:00	5.00	17.00	Fishing	(FISHING) CONTINUE TO RUN IN HOLE FROM 567M- FILL PIPE @1214M, KELLY UP @1347M AND REAM LAST 5 SINGLES TO BOTTOM AND TRY TO LATCH ONTO FISH
17:00	19:00	2.00	19.00	Fishing	TRY TO LATCH ONTO FISH
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	21:00	1.75	21.00	Fishing	TRY TO LATCH FISH. UNABLE TO GET ON TO IT
21:00	22:30	1.50	22.50	Condition mud & circulate	CIRCULATE AND CONDITON MUD PRIOR TO TRIP OUT OF HOLE TO CHANGE FISHING ASSEMBLY
22:30	00:00	1.50	24.00	Fishing	TRIP OUT OF HOLE TO CHANGE FISHING ASSEMBLY FLOW CHECKS @1408M, 1360M



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/24/2011

Report #: 34.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 63,575

Cum Cost to Date: 2,795,186

DFS: 35.44days

MUD CHECKS

Low Gravity Solids (%)	6.0	MBT (kg/m³)		Oil Water Ratio		Chlorides (mg/L)	400.000	Calcium (mg/L)	100.000	Lime (kg/m³)		Potassium (mg/L)	
Electric Stab (V)		ECD - Manual Entry (kg/m²)	1163000.0	Sand (%)		Solids (%)		Temp Bottom Hole (°C)		HTHP Pressure (kPa)		HTHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m³)		Mud Lost to Hole (m³)		Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...		6,975.12		44,623.47	
Depth (mKB)	1,407.00	Density (kg/m³)	1060.0	Funnel Viscosity (s/L)	6,048	pH	8.5	PV Override (cp)	13.0	YP Override (Pa)		4.309	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
BARITE	22.31	22.0
BARITE	22.31	30.0
CAUSTIC	41.79	2.0
INHIBIDRILL	133.01	19.0
KELZAN	498.75	5.0
SAWDUST	6.64	107.0

MUD PUMPS

Pump Number	1	Rod Diameter (mm)		Pump Rating (kW)	
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	
Pump Number		Rod Diameter (mm)	127.0	Pump Rating (kW)	800.0
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	
Pump Number		Rod Diameter (mm)		Pump Rating (kW)	
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/25/2011	Safety Meeting	TRIPPING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/24/2011

Report #: 34.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 63,575

Cum Cost to Date: 2,795,186

DFS: 35.44days

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/25/2011
Report #: 35.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 66,386
Cum Cost to Date: 2,861,572

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 36.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 1,424.00	End Depth (mKB) 1,424.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Wind 40k	Temperature (°C) -17	Lease Condition
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Operation at 6am
Washing over the fish

Operations Summary
Tripped out the overshot and spiral grapple . We were unable to get over top of the mud motor and attach the grapple assembly. Made up washover pipe and grapple combo and tripped in the hole to retrieve the fish Reamed and washed from 1351m to 1398m, the hole did not repond well to the washover pipe assembly. High torque, and overpull were a constant trying to get to the fish top.

Operations Next Report Period
Run washover and grapple assembly to latch the fish

Remarks
Paramount and NEB representatives held a Rollout meeting, reviewed the background on the NEB order, stop work policy, revised drug and alcohol policy, hazard id assessment control the roles and responsibilities flow chart and road traffic check-in and check-out procedures. All topics were discussed and documented in a safety meeting with all drilling related personnel.

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 33.0	Personnel Total Hours (hr) 792.00	Cum Personnel Total Hours (hr) 21,484.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:15	3.25	3.25	Fishing	TRIP OUT HOLE HOLE TO LAY DOWN FISHING TOOLS FROM 1128M TO SURFACE FLOW CHECKS @ 675M,249M AND OUT OF HOLE
03:15	03:45	0.50	3.75	Rig Service	RIG SERVICE
03:45	07:00	3.25	7.00	Other	CLEAN AND ORGANIZE DRILL FLOOR, DE-ICE MUD TANKS,
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	10:00	2.75	10.00	W/O Third Party Tools	W/O FISHERMAN AND TOOLS. DE-ICE RIG FOOR AND PRE FABs, RECALIBRATE TANK VOLUMES
10:00	10:15	0.25	10.25	Safety meeting	SAFETY MEETING WITH CREW AND WEATHERFORD FISHERMAN
10:15	12:00	1.75	12.00	Fishing	(FISHING) MAKE UP FISHING TOOLS
12:00	18:15	6.25	18.25	Fishing	(FISHING) RUN IN HOLE WITH FISHING TOOLS FILL PIPE @364M, FLOW CHECK @743M FILL PIPE @1244M WORK TIGHT SPOT @1351M
18:15	19:00	0.75	19.00	Condition mud & circulate	CONDITION MUD & CIRCULATE, INCREASED VISCOSITY FROM 42 TO 50
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	00:00	4.75	24.00	Fishing	REAM & WASH TO BOTTOM FROM 1351M TO 1398M

MUD CHECKS

Low Gravity Solids (%) 6.0	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L) 400.000	Calcium (mg/L) 100.000	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³) 1163000.0	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost) 2,621.37	Cum Mud Field Est... 47,244.84	
Depth (mKB) 1,407.00	Density (kg/m³) 1060.0	Funnel Viscosity (s/L) 3,888	pH 9.0	PV Override (cp) 13.0	YP Override (Pa) 4.309	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	2.0
DRISPAC	198.45	3.0
KELZAN	498.75	3.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/25/2011

Report #: 35.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 66,386

Cum Cost to Date: 2,861,572

DFS: 36.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
LIGNITE	15.72	3.0
ULTRAFLOC	133.01	3.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)		Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/25/2011	Safety Meeting	PINCH POINTS ON THE FLOOR
2/26/2011	Safety Meeting	JARRING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/26/2011

Report #: 36.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 50,656

Cum Cost to Date: 2,912,228

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 37.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,424.00	End Depth (mKB) 1,424.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather 20 below wind was gusting to 50k	Temperature (°C) -28	Lease Condition
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Operation at 6am

Tripping out overshot, BJ services on route

Operations Summary

Washed and reamed 1398m to the top of the fish to 1416m the hole did not repond well to the washover pipe assembly. High torque, and overpull were a constant trying to get to the fish top, the difficulties started at 1351m at 30 degrees inc.

Washed over the fish top and latched onto it. Worked and pulled it free, pulled 95daN 43 over string weight, at that point the string weight instantly dropped off and we lost the fish. Attempted to relatch unsuccessfully. Tripped out to inspect tools and run overshot and grapple again, as the BJ cementing skid crew was on another job and could not travel to location until the 27th

The spiral grapple was worn on the bottom from rotating onto the fish top, scarring and wear marks confirmed that the fish was indeed inside the grapple.

Made up overshot and grapple and tripped back in the hole to the casing shoe, filled pipe and conducted the crew change hadover meeting, reviewed the JSA's on slip and cut. Slip and cut extra line as per wear indications. While in the hole, one of the rigs hydraulic lines cracked and needed to be changed out. The rig was down for 1.50 hours while the hose was changed.

Tripped in to 1290m

Operations Next Report Period

Lay down fishing tools, trip in oper ended and plug back

Remarks

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 34.0	Personnel Total Hours (hr) 816.00	Cum Personnel Total Hours (hr) 22,300.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:00	3.00	3.00	Fishing	WASH AND REAM FROM 1398M TO 1416M
03:00	07:00	4.00	7.00	Fishing	WASH DOWN TOP OF FISH FROM 1416M TO 1417M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	10:30	3.25	10.50	Fishing	(FISHING) ROTATE WASH OVER FISH, TRY TO LATCH ONTO FISH
10:30	12:00	1.50	12.00	Fishing	(FISHING)CIRCULATE 8 SINGLES OUT, THEN PULL PIPE OUT OF HOLE FROM 1418M-1230M
12:00	16:30	4.50	16.50	Fishing	(FISHING) TRIP PIE OUT FROM 1230M TO SURFACE, NO FISH.
16:30	17:00	0.50	17.00	Other	CLEAN AND PREPARE FLOOR TO RUN IN HOLE
17:00	19:00	2.00	19.00	Fishing	(FISHING) MAKE UP FISHING TOOL;S AND RUN IN TO 345M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	19:30	0.25	19.50	Safety meeting	SAFETY MEETING PRIOR TO SLIP AND CUT DRILL LINE
19:30	20:45	1.25	20.75	Slip/Cut drilling line	SLIP/CUT DRILLING LINE SLIP EXTRA LINE DUE TO EXCESS WEAR ON LINE AND SET UP BRAKES, SET CROWN SAVER
20:45	22:00	1.25	22.00	Fishing	(FISHING) TRIP IN HOLE FROM 345M TO 898M
22:00	23:30	1.50	23.50	Rig Repair	RIG REPAIR REPLACE BLOWN HYDRAULIC LINE ON MAIN HYDRAULIC SYSTEM
23:30	00:00	0.50	24.00	Fishing	(FISHING) RUN IN HOLE FROM 895M TO 1296M



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/26/2011

Report #: 36.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 50,656

Cum Cost to Date: 2,912,228

DFS: 37.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	1,435.67	48,680.51
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1,417.00	1065.0	40	8.5			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
KELZAN	498.75	2.0
SODA ASH	19.57	2.0
ULTRAFLOC	133.01	2.0
ULTRAFLOC	133.01	1.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1	127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB) Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/27/2011	Safety Meeting	SLIP AND CUT DRILLING LINE

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85
win Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/26/2011

Report #: 36.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 50,656

Cum Cost to Date: 2,912,228

DFS: 37.44days

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/27/2011
Report #: 37.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 155,258
Cum Cost to Date: 3,067,486

API/UW	Surface Legal Location	Field Name	License #	Operator
302/H-03/6010-11730/0	300/2H-03/6010-11730	Cameron Hills	2073	PARAMOUNT RESOURCES LTD.
Spud Date	1/20/2011 23:45		Rig Release Date	3/21/2011 12:00
Ground Elevation (m)		Original KB Elevation (m)	KB-Casing Flange Distance (m)	
770.20		777.22	5.02	

Daily Operations

Start Depth (mKB)	End Depth (mKB)	Target Formation	Target Depth (mKB)
1,424.00	1,424.00	Sulphur Point	2,534.00

Weather	Temperature (°C)	Lease Condition
Clear	-33	

Operation at 6am

Tripping in with the directional tools

Operations Summary

Tripped in the hole for final attempt to latch fish.

Circulated down 8 singles that we laid down while pulling out with the washover assembly. Tagged the fish at 1416.86m, rotated Cut Lip over fish top, stopped rotary and slid down .70m full swallow of the over shot. Pulled up with 10daN overpull and the grapple slid off, attempted several times to latch without success. Tripped out to run cement plugs. BJ Services skid crew was available and on the road from Grande Prairie. Laid down fishing tools and tripped in open ended to cement.

Circulated above the fish for several hours waiting on cementers and while they rigged in. Held a crew change and cementing safety meeting.

Tied in the cementers with a circulating nubbin to cemented a 150m plug (1416m to 1266m). Filled lines and pressure tested to 25MPa, pumped 2m3 ahead and pumped 5.8m3 (7.6t) BJ's MaxxCem G cement with .90% FL-5, 1.00% CaCl2. Tripped out 13 stands of drill pipe and picked up the kelly to circulate out excess cement and clear the drill string. Pressure increased to 6200 kpa to establish circulation then pressures stabilized at 2600kpa. Tripped out to make up directional tools, laid down the last 13 singles.

Operations Next Report Period

Trip in the hole, drill cement and began side track.

Remarks

No accidents incidents or spills.

Fishing and cementing and drill bit cost entered.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hr)	Cum Personnel Total Hours (hr)	
33.0	792.00	23,092.00	

DAILY CONTACTS

Title	Job Contact	Phone Mobile
Drilling Foreman	Josh Blinston	403 510 0568

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:00	2.00	2.00	Fishing	(FISHING) RUN IN HOLE FROM 188M TO 1380 M FILL PIPE @ 1345M WASH TO BOTTOM FROM 13480M TO 1416M
02:00	04:00	2.00	4.00	Fishing	(FISHING) TRY TO LATCH FISH
04:00	04:45	0.75	4.75	Condition mud & circulate	CIRCULAT BOTTOMS UP AND MIX PILL
04:45	07:00	2.25	7.00	Fishing	(FISHING) PULL OUT OF HOLE TO LAY DOWN FISHING TOOLS, FLOW CHECKS @ 1406M-506M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	09:30	2.25	9.50	Fishing	(FISHING) CONTINUE TO PULL OUT OF HOLE FROM 506M TO SURFACE AND BREAK DOWN, AND LAY OUT FISHING TOOLS
09:30	10:00	0.50	10.00	Other	CLEAN AND PREPARE FLOOR TO RUN IN THE HOLE
10:00	12:00	2.00	12.00	Trip in hole	TRIP IN HOLE OPEN ENDED TO 743M FLOW CHECK @345M, 723M,
12:00	14:00	2.00	14.00	Trip in hole	CONTINUE TO TRIP IN HOLE FROM 743M TO 1409M
14:00	19:00	5.00	19.00	W/O Cements	CIRCULATE AND W/O CEMENTERS, PREPARE FOR CEMENT JOB, DEICE FLOOR AND EQUIPMENT
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	19:30	0.25	19.50	Pre-job safety	PRE-JOB SAFETY MEETING WITH B.J. CEMENTERS
19:30	20:00	0.50	20.00	Cement plugs	CEMENT PLUGS
20:00	20:45	0.75	20.75	Trip out of hole	TRIP OUT 13 STANDS TO DISPLACE STRING 100M ABOVE PLUG TOP
20:45	21:00	0.25	21.00	Condition mud & circulate	CIRCULATE STRING FREE OF EXCESS CEMENT
21:00	23:30	2.50	23.50	Trip out of hole	TRIP OUT OF HOLE FOR DIRECTIONAL TOOLS FROM 1250 M TO 150 M FLOW CHECKS @ 836M, 150M



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/27/2011
 Report #: 37.0
 Depth Progress: 0.00

Business Unit: NE BC & NWT COU
 Rig: 24 Nabors Drilling

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 155,258
 Cum Cost to Date: 3,067,486

DFS: 38.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
23:30	23:45	0.25	23.75	Safety meeting	SAFETY MEETING PRIOR TO LAY DOWN DP
23:45	00:00	0.25	24.00	Lay down drill pipe	LAY DOWN DRILL PIPE FROM 150M TO SURFACE

MUD CHECKS

Low Gravity Solids (%)	6.0	MBT (kg/m ³)	Oil Water Ratio	Chlorides (mg/L)	400.000	Calcium (mg/L)	100.000	Lime (kg/m ³)	Potassium (mg/L)		
Electric Stab (V)	ECD - Manual Entry (kg/m ³)	1163000.0	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)				
Active Mud Volume (Surf) (m ³)	Mud Lost to Hole (m ³)	Cum Mud Lost to Hole (m ³)	Daily Mud Field Est (Cost)	1,301.06	Cum Mud Field Est...	49,981.57					
Depth (mKB)	1,407.00	Density (kg/m ³)	1080.0	Funnel Viscosity (s/L)	3,888	pH	9.0	PV Override (cp)	13.0	YP Override (Pa)	4,309

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
BARITE	22.31	30.0
KELZAN	498.75	1.0
ULTRAFLOC	133.01	1.0

MUD PUMPS

Pump Number	1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	1	Rod Diameter (mm)	127.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	800.0
Pump Number	1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m ³ /min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/27/2011	Safety Meeting	EXTREAME COLD TEMPS.
2/28/2011	Safety Meeting	PICK UP DIRECTIONAL TOOLS

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m ³)	P LeakOff (kPa)



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 Nabors Drilling

Report For: 2/27/2011

Report #: 37.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 155,258

Cum Cost to Date: 3,067,486

DFS: 38.44days

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*730m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/28/2011
Report #: 38.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 54,648
Cum Cost to Date: 3,122,133

API/UWJ 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 39.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,424.00	End Depth (mKB) 1,424.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
Weather Clear	Temperature (°C) -34	Lease Condition	
Operation at 6am Circulating, above side track point			
Operations Summary Made up the 222mm directional assembly and tripped in the hole, flow checked and tested the mwd tool at 400m. Picked up the Kelly and washed and reamed several tight spots from 847m to 1190m. Circulated and cleaned up the mud, mixed desco and soda ash to combat the clobbered mud. Laid down 16 singles and tripped in the eight remaining stands from the derrick. Tagged and drilled cement from 1290m to 1303m.			
Operations Next Report Period Repair mud system, side track and drill ahead.			
Remarks Pason system was down again, torque hook load and weight on bit were not working properly after it froze up. Changed out the hook load sensor after the reboot.			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 23,836.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:15	0.25	0.25	Clean - floor / Pump / screens	CLEAN - FLOOR
00:15	00:30	0.25	0.50	Safety meeting	SAFETY MEETING WITH DIRECTIONAL HANDS PRIOR TO PICK UP DIRECTIONAL TOOLS
00:30	04:30	4.00	4.50	Handle directional tools	PICK UP MAKE UP DIRECTIONAL TOOLS
04:30	07:00	2.50	7.00	Trip in hole	TRIP IN HOLE FROM 40M TO 681M FILL PIPE AND TEST TOOL @ 408M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS.
07:15	12:00	4.75	12.00	Trip in hole	TRIP IN HOLE FROM 681M TO 847M THEN KELLY UP OFF AND ON DOWN TO 1169M
12:00	14:45	2.75	14.75	Trip in hole	TRIP IN HOLE, WASH/ REAM DOWN TO 1151M CIRCULATE HOLE CLEAN
14:45	15:30	0.75	15.50	Trip out of hole	TRIP OUT OF HOLE SIDE WAYS 16 SINGLES FROM 1151M- 1001M
15:30	16:00	0.50	16.00	Trip in hole	(TRIP IN HOLE) RUN 8 STANDS OUT OF DERRICK
16:00	19:00	3.00	19.00	Ream & Clean	REAM & CLEAN FROM 1139M- 1247M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	21:45	2.50	21.75	Ream & Clean	REAM & CLEAN FROM 1247M TO 1290M
21:45	23:45	2.00	23.75	Drill cement/drill out cement/drill float&shoe	DRILL CEMENT FROM 1290M TO 1303M
23:45	00:00	0.25	24.00	Downtime - Instrumentation	DOWNTIME - REBOOT PASON SYSTEM



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 2/28/2011
Report #: 38.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 54,648
Cum Cost to Date: 3,122,133

DFS: 39.44days

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	1,533.43	51,515.00
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1,297.00	1010.0	45	12.0			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DEFOAMER	210.34	5.0
DESCO	80.22	3.0
SODA ASH	19.57	3.0
SODIUM BICARBONATE	29.59	1.0
TKPP	152.77	1.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
127.0		800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
2/28/2011	Safety Meeting	DRILLING CEMENT
3/1/2011	Safety Meeting	MIXING MUD CHEMICALS

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 2/28/2011

Report #: 38.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 54,648

Cum Cost to Date: 3,122,133

DFS: 39.44days

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/1/2011
Report #: 39.0
Depth Progress: 45.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 90,632
Cum Cost to Date: 3,212,766

API/UW 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 40.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,333.00	End Depth (mKB) 1,413.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
Weather Clear	Temperature (°C) -32	Lease Condition	

Operation at 6am

Control drilling in the slave point @ 1350m

Operations Summary

Drilled cement from 1303m to 1331m two meters above side track depth. We had drilled all the cement with reduced pup pressure due to an infiltration of micro air bubbles, drilled with a pump pressure reduced from 10,000kpa to 2500kpa range. Mixed 7 pails of defoamer while drilling the cement. The plan was to save the remaining 5 pails of defoamer on location and shock the mud system with defoamer and water so we had enough pump pressure to get a pulse on the mwd tools and begin side tracking. Additional defoamer and mud product ordered at this time. The plan failed we spent 2 1/2 hours trying to get rid of the aerated mud and our pump pressure dropped to 800kpa.

The decision was made to use the surface hole mud we had in storage, add a ton of water to get it hydrated and displace the well. We over displaced the well by 15m3 and pump the contaminated mud into 400bbl tanks on location. The pump pressure returned to normal, but the bubbles continued. By the time we displaced the well additional defoamer had arrived. We continued to add small amounts of defoamer while circulating a bottoms up and wanted to establish some consistent pump pressure prior to starting the side track.

Drilled cement from 1331m to 1333m at this time a Hydraulic hose blew on the bops. The driller heard the hose blow as he was on the drill floor, he shut in accumulator immediately. The hose was changed and the 50l of oil was cleaned up with sawdust and tampons.

Control drilled from 1333m to 1334m @ 1 1/4min

Control drilled from 1334m to 1337m @ 1 1/3min

Control drilled from 1337m to 1338m @ 1 1/2min

Geological samples indicated a reduction in cement at each 50cm sample interval while drilling the above meters.

Operations Next Report Period

Control drill around fish, then drill ahead at full rate

Remarks

Neufeld delivered 25,000 liters of fuel

One load of cuttings hauled to CCS

One full highboy of mud product delivered

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 24,580.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:15	3.25	3.25	Drill cement/drill out cement/drill float&shoe	DRILL CEMENT FROM 1303M TO 1331M
03:15	03:30	0.25	3.50	Rig Service	RIG SERVICE
03:30	05:45	2.25	5.75	Condition mud & circulate	CONDITION MUD & CIRCULATE
05:45	07:00	1.25	7.00	Change out mud system	PREPARE 400BBLs AND UNITED TANK TO DISPLACE THE WELL WITH VOLUME FRO STORAGE TANKS
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	12:00	4.75	12.00	Change out mud system	CHANGE OUT MUD SYSTEM. SUCK AIRATED MUD OUT OF MAIN SYSTEM AND BRING OVER SURFACE MUD FROM 400 BRLS. MIX IN DEFOMER.
12:00	13:15	1.25	13.25	Controlled drilling	CONTROLLED DRILLING FROM 1331M-1333M
13:15	13:45	0.50	13.75	Rig Service	RIG SERVICE / REPLACE HYD BOP HOSE
3:45	19:00	5.25	19.00	Controlled drilling	CONTROLLED DRILLING FROM 1333M-1334M @ 1 INCH/4MINS. 1334M-1336M @ 1INCH/3MINS



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/1/2011
Report #: 39.0
Depth Progress: 45.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 90,632
Cum Cost to Date: 3,212,766

DFS: 40.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	00:00	4.75	24.00	Controlled drilling	CONTROLLED DRILLING 1336M - 1337M @ 1INCH/3MINS 1337M-1338M @ 1 INCH/ 2MINS

MUD CHECKS

Low Gravity Solids (%)	2.3	MBT (kg/m³)		Oil Water Ratio		Chlorides (mg/L)	450.000	Calcium (mg/L)	40.000	Lime (kg/m³)		Potassium (mg/L)	
Electric Stab (V)		ECD - Manual Entry (kg/m²)		Sand (%)		Solids (%)		Temp Bottom Hole (°C)		HTHP Pressure (kPa)		HTHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m³)		Mud Lost to Hole (m³)		Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...		5,246.02		56,761.02	
Depth (mKB)	1,335.00	Density (kg/m³)	1040.0	Funnel Viscosity (s/L)	2,938	pH	9.0	PV Override (cp)	4.0	YP Override (Pa)	1.628		

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
DEFOAMER	210.34	4.0
DEFOAMER	210.34	7.0
DRISPAC	198.45	3.0
KELZAN	498.75	3.0
LIGNITE	15.72	6.0
TKPP	152.77	2.0
ULTRAFLOC	133.01	3.0

MUD PUMPS

Pump Number	1	Rod Diameter (mm)		Pump Rating (kW)	
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	
Pump Number	1	Rod Diameter (mm)	127.0	Pump Rating (kW)	800.0
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	
Pump Number	1	Rod Diameter (mm)		Pump Rating (kW)	
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	

BIT SUMMARY

Bit Run	5	Bit Type	Bit	Size (mm)	222.0	Make	REED	Model	RO9AMP	Serial Number	JW5842	IADC Codes	437
Nozzles (mm)	12.7/12.7/12.7/12.7/12.7/12.7/12.7/12.7/12.7	Depth In (mKB)	1,333.00	Depth Out (mKB)	1,534.00	Depth Drilled (m)	201.94	Drilling Time (hr)	59.25	BHA ROP (m/hr)	3.4	IADC Bit Dull	4-4-CT-A-2-2-BT-TD

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			42	799.94	3,537.32
Drill pipe - Stands			47	894.75	4,432.07
Drill pipe - Singles			1	9.60	2,737.38
HWDP(4.0 IN)	64.0	102.0	54	505.23	2,727.78
HWDP(4.0 IN)	64.0	102.0	54	505.23	2,222.55
Drill pipe - Stands			48	913.92	1,717.32
JARS-HYD/MECH	58.0	123.0	1	4.94	803.40
JARS-HYD/MECH	58.0	123.0	1	4.94	798.46
HWDP(4.0 IN)	64.0	102.0	54	505.23	793.52
HWDP(4.0 IN)	64.0	102.0	6	56.28	232.01



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/1/2011
Report #: 39.0
Depth Progress: 45.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 90,632
Cum Cost to Date: 3,212,766

DFS: 40.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
HWDP(4.0 IN)	64.0	102.0	6	56.28	288.29
JARS-HYD/MECH	58.0	123.0	1	4.94	175.73
X/O	69.0	164.0	1	0.67	170.79
X/O	69.0	164.0	1	0.67	170.12
HWDP(4.0 IN)	64.0	102.0	6	56.28	169.45
MONEL FLEX	76.0	161.0	1	9.45	103.72
MONEL FLEX	76.0	161.0	1	9.45	113.17
X/O	69.0	164.0	1	0.67	94.27
MONEL FLEX	76.0	161.0	1	8.67	84.93
MONEL FLEX	76.0	161.0	1	8.67	93.60
MONEL FLEX	76.0	161.0	1	9.45	76.26
MONEL FLEX	81.0	159.0	1	9.07	66.81
MONEL FLEX	81.0	159.0	1	9.07	57.74
MONEL FLEX	76.0	161.0	1	8.67	48.67
ORIENT SUB		164.0	1	1.00	40.00
ORIENT SUB		164.0	1	1.00	39.00
MONEL FLEX	81.0	159.0	1	9.07	38.00
FLOAT SUB		165.0	1	1.11	28.93
FLOAT SUB		165.0	1	1.11	27.82
ORIENT SUB		164.0	1	1.00	26.71
MOTOR LS		165.0	1	8.11	17.60
MOTOR LS		165.0	1	8.11	25.71
FLOAT SUB		165.0	1	1.11	9.49
MOTOR LS		165.0	1	8.11	8.38

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,333.00	1,338.00		5,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
	1		1	10.00		

SAFETY CHECKS

Date	Type	Des
3/1/2011	Safety Meeting	SLIPS AND TRIPS
3/2/2011	Safety Meeting	HOUSEKEEPING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/2/2011	1,344.56	31.80	165.90	1,339.14	-6.35	4.39	6.40	16.28
3/2/2011	1,354.16	35.50	165.20	1,347.28	-11.33	5.34	11.39	28.36

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point.Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/2/2011
Report #: 40.0
Depth Progress: 75.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 63,805
Cum Cost to Date: 3,276,571

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 41.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,338.00	End Depth (mKB) 1,413.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -29	Lease Condition
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Operation at 6am
Drilling the build section at 1428m at the F4 marker

Operations Summary
Directionally drilled from 1338m to 1413m increasing wob slightly with each kelly drilled down. The side track went smoothly overall, we were off the plug in just over 3/4 of a meter. Rop averaged 3.8 m/hr drilling at full wob and pump rate. Tricked in defoamer all day, mixed to rebuild the mud system and did not run the centrifuge. Small air bubbles continued to break out at the shaker.

Operations Next Report Period
Drill ahead to ICP

Remarks
Crews did pack training and walked the search route.
Hauled 2 loads of cuttings to CCS
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 25,324.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	07:00	7.00	7.00	Drill	DIRECTIONAL DRILL 222 MM HOLE FROM 1338M TO 1353M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	11:45	4.50	11.75	Drill	DIRECTIONAL DRILL 222MM HOLE FROM 1353M-1373M
11:45	12:00	0.25	12.00	Deviation survey	ACC SURVEY TIME
12:00	19:00	7.00	19.00	Drill	DRILL 222MM HOLE FROM 1373M- 1399M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	19:30	0.25	19.50	Safety meeting	SAFETY MEETING , REVIEW NABORS LEARNING BULLETINS, AND PROCEDURES FOR SOUR WELL CONTROL
19:30	23:15	3.75	23.25	Drill	DRILL 222MM HOLE FROM 1399M TO 1413M
23:15	00:00	0.75	24.00	Deviation survey	ACC SURVEY TIME

MUD CHECKS

Low Gravity Solids (%) 3.7	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L) 500.000	Calcium (mg/L) 40.000	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.3	Solids (%) 3.7	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost) 5,992.36	Cum Mud Field Est... 62,753.38		
Depth (mKB) 1,402.00	Density (kg/m³) 1060.0	Funnel Viscosity (s/L) 3,888	pH 10.0	PV Override (cp) 12.0	YP Override (Pa) 3.447	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DEFOAMER	210.34	5.0
DEFOAMER	210.34	6.0
DRISPAC	198.45	1.0
DRISPAC	198.45	2.0
KELZAN	498.75	1.0
KELZAN	498.75	3.0
LIGNITE	15.72	2.0
LIGNITE	15.72	8.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/2/2011
Report #: 40.0
Depth Progress: 75.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 63,805
Cum Cost to Date: 3,276,571

DFS: 41.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
ULTRAFLOC	133.01	2.0
ULTRAFLOC	133.01	5.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		127.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
2,700	Yes	52
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
2,700	Yes	52

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
5	Bit	222.0	REED	RO9AMP	JW5842	437
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
12.7/12.7/12.7/12.7/12.7/12.7/12.7/12.7/12.7/12.7	1,333.00	1,534.00	201.94	59.25	3.4	4-4-CT-A-2-2-BT-TD

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			42	799.94	3,537.32
Drill pipe - Stands			47	894.75	4,432.07
Drill pipe - Singles			1	9.60	2,737.38
HWDP(4.0 IN)	64.0	102.0	54	505.23	2,727.78
HWDP(4.0 IN)	64.0	102.0	54	505.23	2,222.55
Drill pipe - Stands			48	913.92	1,717.32
JARS-HYD/MECH	58.0	123.0	1	4.94	803.40
JARS-HYD/MECH	58.0	123.0	1	4.94	798.46
HWDP(4.0 IN)	64.0	102.0	54	505.23	793.52
HWDP(4.0 IN)	64.0	102.0	6	56.28	232.01
HWDP(4.0 IN)	64.0	102.0	6	56.28	288.29
JARS-HYD/MECH	58.0	123.0	1	4.94	175.73
X/O	69.0	164.0	1	0.67	170.79
X/O	69.0	164.0	1	0.67	170.12
HWDP(4.0 IN)	64.0	102.0	6	56.28	169.45
MONEL FLEX	76.0	161.0	1	9.45	103.72
MONEL FLEX	76.0	161.0	1	9.45	113.17
X/O	69.0	164.0	1	0.67	94.27
MONEL FLEX	76.0	161.0	1	8.67	84.93
MONEL FLEX	76.0	161.0	1	8.67	93.60
MONEL FLEX	76.0	161.0	1	9.45	76.26
MONEL FLEX	81.0	159.0	1	9.07	66.81
MONEL FLEX	81.0	159.0	1	9.07	57.74
MONEL FLEX	76.0	161.0	1	8.67	48.67
ORIENT SUB		164.0	1	1.00	40.00
ORIENT SUB		164.0	1	1.00	39.00



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/2/2011
 Report #: 40.0
 Depth Progress: 75.00

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 63,805
 Cum Cost to Date: 3,276,571

DFS: 41.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
MONEL FLEX	81.0	159.0	1	9.07	38.00
FLOAT SUB		165.0	1	1.11	28.93
FLOAT SUB		165.0	1	1.11	27.82
ORIENT SUB		164.0	1	1.00	26.71
MOTOR LS		165.0	1	8.11	17.60
MOTOR LS		165.0	1	8.11	25.71
FLOAT SUB		165.0	1	1.11	9.49
MOTOR LS		165.0	1	8.11	8.38

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,338.00	1,373.00		23,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40		40		10.00		

SAFETY CHECKS

Date	Type	Des
3/2/2011	Safety Meeting	HEARING PROTECTION
3/3/2011	Safety Meeting	ROLLING CASING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/2/2011	1,392.09	50.00	167.90	1,376.17	-35.34	8.90	35.44	34.19
3/3/2011	1,401.71	52.90	168.90	1,382.46	-42.53	9.89	42.65	29.00
3/3/2011	1,411.33	55.30	171.60	1,388.10	-50.21	11.21	50.34	10.12
3/3/2011	1,420.94	58.30	172.80	1,393.37	-58.17	12.30	58.32	9.88
3/3/2011	1,430.55	60.90	173.80	1,398.23	-66.41	13.26	66.57	8.55

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Ft Simpson	719.00	718.85
Twin Falls	830.00	829.84
Beaverhill Lake Fm	1,325.00	1,321.96
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/3/2011
Report #: 41.0
Depth Progress: 90.94

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 56,916
Cum Cost to Date: 3,333,487

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 42.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 1,413.00	End Depth (mKB) 1,503.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear	Temperature (°C) -31	Lease Condition
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Operation at 6am
Drilling the build at 1520m to ICP est at 1534m md

Operations Summary
Drilled the 222mm build section from 1413m to 1503m averaging 3.75m/hr for the 24 hour period.
Slid 54 of the 90m drilled.

Operations Next Report Period
Drill ahead to ICP, landing at 1422.00m TVD, circulate bottoms up wipe the hole up to the casing shoe, trip out to run casing

Remarks
Moved the 7" string to the pipe racks, inspected connections and re-drifted the entire string.
Hauled 2 loads of cuttings to CCS
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52

No accidents incidents, the Rig is running fine

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count	Personnel Total Hours (hr) 31.0	Cum Personnel Total Hours (hr) 744.00	26,068.00
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DAILY CONTACTS			
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568	

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	05:00	5.00	5.00	Drill	DRILL 222MM HOLE FROM 1413M TO 1426M
05:00	05:15	0.25	5.25	Rig Service	RIG SERVICE FUNCTION ANNULAR 8 SEC TO CLOSE
05:15	07:00	1.75	7.00	Drill	DRILL 222MM HOLE FROM 1426M TO 1432M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	11:15	4.00	11.25	Drill	DRILL 222 MM HOLE FROM 1432M-1452M
11:15	12:00	0.75	12.00	Directional surveys	DIRECTIONAL SURVEYS
12:00	14:45	2.75	14.75	Drill	DRILL 222MM HOLE FROM 1452M-1464
14:45	15:00	0.25	15.00	Rig Service	RIG SERVICE GREASED CROWN, DRIVE LINE, DRAW WORKS, TABLE. CHECKED ALL OILS
15:00	19:00	4.00	19.00	Drill	DRILL 222MM HOLE FROM 1464M-1480M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	22:30	3.25	22.50	Drill	DRILL 222MM HOLE FROM 1480M- 1503M
22:30	00:00	1.50	24.00	Deviation survey	ACC SURVEY TIME

MUD CHECKS							
Low Gravity Solids (%) 5.8	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L) 500.000	Calcium (mg/L) 40.000	Lime (kg/m³)	Potassium (mg/L)	
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.4	Solids (%) 3.7	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost) 3,294.88	Cum Mud Field Est... 66,048.26			
Depth (mKB) 1,496.00	Density (kg/m³) 1105.0	Funnel Viscosity (s/L) 4,752	pH 10.0	PV Override (cp) 12.0	YP Override (Pa) 3.447		

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
DEFOAMER	210.34	2.0
DRISPAC	198.45	1.0
DRISPAC	198.45	3.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/3/2011
 Report #: 41.0
 Depth Progress: 90.94

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 56,916
 Cum Cost to Date: 3,333,487

DFS: 42.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
ORIENT SUB		164.0	1	1.00	40.00
ORIENT SUB		164.0	1	1.00	39.00
MONEL FLEX	81.0	159.0	1	9.07	38.00
FLOAT SUB		165.0	1	1.11	28.93
FLOAT SUB		165.0	1	1.11	27.82
ORIENT SUB		164.0	1	1.00	26.71
MOTOR LS		165.0	1	8.11	17.60
MOTOR LS		165.0	1	8.11	25.71
FLOAT SUB		165.0	1	1.11	9.49
MOTOR LS		165.0	1	8.11	8.38

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,413.00	1,452.94		16,000			
RPM (rpm)	40	Motor RPM (rpm)	Bit RPM (rpm)	40	Slack-Off String Weight (daN)	Drilling Time (hr)
						11.50
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,452.00	1,503.00		17,000			
RPM (rpm)	40	Motor RPM (rpm)	Bit RPM (rpm)	40	Slack-Off String Weight (daN)	Drilling Time (hr)
						9.50

SAFETY CHECKS

Date	Type	Des
3/3/2011	Safety Meeting	DRIFT CASING
3/4/2011	Safety Meeting	FLOW CHECKS

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/3/2011	1,477.50	75.30	176.60	1,414.55	-110.21	16.66	110.41	7.62
3/3/2011	1,486.90	77.50	178.80	1,416.76	-119.33	17.03	119.54	9.79
3/4/2011	1,496.52	78.00	179.90	1,418.80	-128.73	17.14	128.94	3.70
3/4/2011	1,506.12	80.20	180.70	1,420.62	-138.16	17.09	138.36	7.30
3/4/2011	1,519.00	84.80	181.20	1,422.30	-150.92	16.87	151.12	10.78

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Paramount
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Daily Drilling

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

Business Unit: **NE BC & NWT COU**

Rig: **24 NABORS DRILLING**

Report For: **3/4/2011**
Report #: **42.0**
Depth Progress: **31.00**

Total AFE Amount: **2,535,440**
AFE Number: **10N110009**
Daily Cost: **53,032**
Cum Cost to Date: **3,386,519**

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 43.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations

Start Depth (mKB) 1,503.00	End Depth (mKB) 1,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -31	Lease Condition
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Operation at 6am

Tripping in at 1300m after wiper trip laying down directional tools

Operations Summary

Drilled 222mm hole from 1503m to ICP at 1534m md TVD of 1422.09m, Inc 90.16 deg, Azi 180.50 deg.

While sliding at 1527 the string became hung up and string weight could not be applied to the bit. Attempted to free the string by applying 3-4k torque and working the string, jarred and attempted to pull free, then pulled 48 daN over string weight to get free. This process took one hour, resumed drilling the remaining 7meters. Circulated bottoms up then started the wiper trip, pulled three stands and then started pulling tight hole, pumped out 9 singles, firing the jars several times and pulling 10 to 45 daN to get out of the hole. Reamed back through several sections of the well bore. Once we pulled up to the side track depth 1333m the string pulled free and the hole was in fine condition. Completed the trip out and laying down directional tools. Once the tools were laid down the crew installed a 3" rubber spacer spool under the flow T. Minor rig leveling will take place once we are back on bottom prior to running the 177.8mm intermediate casing string.

Operations Next Report Period

Wash or ream to bottom from 1333m, circulate and condition mud, trip out and run the 177.8mm casing string.

Remarks

Hauled 2 loads of cuttings to CCS

Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52

No accidents incidents, the Rig is running fine

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 26,812.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:00	2.00	2.00	Drill	DRILL 222 MMM HOLE FROM 1503M 1511M
02:00	02:15	0.25	2.25	Rig Service	RIG SERVICE FUNCTION PIPE RAMS 3 SECONDS TO CLOSE
02:15	07:00	4.75	7.00	Drill	DRILL 222 MM HOLE FROM 1511M TO 1525M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	08:30	1.25	8.50	Drill	DRILL 222MM HOLE FROM 1525M-1527M
08:30	09:30	1.00	9.50	Jarring	PULL 15 daN INTO STRING, PUT 2.5 TURNS INTO STRING AND LET SIT. THEN COME DOWN TO STRING WT. THEN BACK UP TO 70DAN AND REPEAT. THEN BACK DOWN TO 15DAN TOO SET JARS, THEN UP TO 75 DAN, AND REPEAT 4X. THEN TOOL PUSH REPEATED TAKING WT UP TO 90dAN
09:30	11:30	2.00	11.50	Drill	DRILL 222MM HOLE FROM 1527M- 1534M T.D.
11:30	12:00	0.50	12.00	Circulate And Condition	CIRCULATE, BTMS UP AND PREPARE TO PULL OUT OF HOLE, MIX PILL
12:00	13:00	1.00	13.00	Circulate And Condition	CIRCULATE BOTTOMS UP
13:00	19:00	6.00	19.00	Trip out of hole	WIPER TRIP OUT FROM 1534-758M, (PULL 3 STANDS TO 1480M, THEN KELLY UP AND PUMP OUT 9 SINGLES AND WORK TIGHT HOLE) FLOW CHECK @758M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	21:30	2.25	21.50	Trip out of hole	TRIP OUT OF HOLE FROM 758M- 40M
21:30	21:45	0.25	21.75	Safety meeting	SAFETY MEETING PRIOR TO LAY DOWN DIRECTIONAL TOOLS
21:45	23:15	1.50	23.25	Handle directional tools	LAY DOWN DIRECTIONAL TOOLS



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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/4/2011
Report #: 42.0
Depth Progress: 31.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 53,032
Cum Cost to Date: 3,386,519

DFS: 43.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
23:15	23:30	0.25	23.50	Clean - floor / Pump / screens	CLEAN - FLOOR
23:30	00:00	0.50	24.00	Other	INSTALL RUBBER SPACER IN FLOW-T FOR JACKING RIG

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	2,709.84	68,758.10
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1,534.00	1110.0	56	10.0			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
BARITE	22.31	30.0
CAUSTIC	41.79	1.0
DESCO	80.22	1.0
GEL	13.05	20.0
GEL	13.05	20.0
KELZAN	498.75	1.0
KELZAN	498.75	1.0
ULTRAFLOC	133.01	2.0
ULTRAFLOC	133.01	1.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
3,200	Yes	50

BIT SUMMARY

Bit Run 5	Bit Type Bit	Size (mm) 222.0	Make REED	Model RO9AMP	Serial Number JW5842	IADC Codes 437
Nozzles (mm) 12.7/12.7/12.7/12.7/12.7/12.7/12.7/12.7/12.7	Depth In (mKB) 1,333.00	Depth Out (mKB) 1,534.00	Depth Drilled (m) 201.94	Drilling Time (hr) 59.25	BHA ROP (m/hr) 3.4	IADC Bit Dull 4-4-CT-A-2-2-BT-TD

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			42	799.94	3,537.32
Drill pipe - Stands			47	894.75	4,432.07
Drill pipe - Singles			1	9.60	2,737.38
HWDP(4.0 IN)	64.0	102.0	54	505.23	2,727.78
HWDP(4.0 IN)	64.0	102.0	54	505.23	2,222.55
Drill pipe - Stands			48	913.92	1,717.32
JARS-HYD/MECH	58.0	123.0	1	4.94	803.40
JARS-HYD/MECH	58.0	123.0	1	4.94	798.46



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/4/2011
 Report #: 42.0
 Depth Progress: 31.00

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 53,032
 Cum Cost to Date: 3,386,519

DFS: 43.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
HWDP(4.0 IN)	64.0	102.0	54	505.23	793.52
HWDP(4.0 IN)	64.0	102.0	6	56.28	232.01
HWDP(4.0 IN)	64.0	102.0	6	56.28	288.29
JARS-HYD/MECH	58.0	123.0	1	4.94	175.73
X/O	69.0	164.0	1	0.67	170.79
X/O	69.0	164.0	1	0.67	170.12
HWDP(4.0 IN)	64.0	102.0	6	56.28	169.45
MONEL FLEX	76.0	161.0	1	9.45	103.72
MONEL FLEX	76.0	161.0	1	9.45	113.17
X/O	69.0	164.0	1	0.67	94.27
MONEL FLEX	76.0	161.0	1	8.67	84.93
MONEL FLEX	76.0	161.0	1	8.67	93.60
MONEL FLEX	76.0	161.0	1	9.45	76.26
MONEL FLEX	81.0	159.0	1	9.07	66.81
MONEL FLEX	81.0	159.0	1	9.07	57.74
MONEL FLEX	76.0	161.0	1	8.67	48.67
ORIENT SUB		164.0	1	1.00	40.00
ORIENT SUB		164.0	1	1.00	39.00
MONEL FLEX	81.0	159.0	1	9.07	38.00
FLOAT SUB		165.0	1	1.11	28.93
FLOAT SUB		165.0	1	1.11	27.82
ORIENT SUB		164.0	1	1.00	26.71
MOTOR LS		165.0	1	8.11	17.60
MOTOR LS		165.0	1	8.11	25.71
FLOAT SUB		165.0	1	1.11	9.49
MOTOR LS		165.0	1	8.11	8.38

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,503.00	1,534.00		18,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40			40	7.50		

SAFETY CHECKS

Date	Type	Des
3/4/2011	Safety Meeting	ROTARY DANGER ZONE

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/5/2011
Report #: 43.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 83,664
Cum Cost to Date: 3,470,183

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 44.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,534.00	End Depth (mKB) 1,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
Weather Clear	Temperature (°C) -28	Lease Condition	

Operation at 6am
Tripping out to run casing @ 650m

Operations Summary

Tripped in the hole after laying down directional tools to 1320m, reamed and washed 23 singles to bottom. Worked each single until it went in with no excessive hole drag. Circulated on bottom until the shakers were cleaned up. Flow checked and started the trip out, the hole started pulling tight at 1444m, attempted to pull through the tight spots with no pump. Needed the jars and 45 daN overpull to get two stands racked back in the derrick. Pumped out singles from 1404m to 1320m. Hole drag reduced to 8daN with the pump on. Washed back in the hole from 1320m to 1403m mixing gel and barite to increase viscosity and mud density. Density was increased to 1130 kg/m3 and the vis was increased from 70 to 130 s/l. The hole unloaded fairly large amounts of sand with the increased. Foaming continues to be a minor issue.

Operations Next Report Period

Trip out of the hole, run casing and cement

Remarks

28,000l of fuel delivered by Neufeld
Hauled 1 load of cuttings to CCS
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52
No accidents incidents, the Rig is running fine
BJ Services and the tong hand on location

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 27,556.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	01:00	1.00	1.00	Other	INSTALL RUBBER SPACER ON FLOW-T, READY FLOOR EQUIPMENT TO RUN IN HOLE
01:00	02:00	1.00	2.00	Other	REMOVE RUBBER SPACER FROM FLOW-T, SPACER WOULD NOT ACCOMODATE THE DRILL BIT
02:00	07:00	5.00	7.00	Trip in hole	TRIP IN HOLE FROM SURFACE TO 1324 FILLED PIPE @ 605M, 1255M LAYED DOWN 8 SINGLES FROM 1255 TO 1324
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	12:00	4.75	12.00	Ream & Clean	REAM & CLEAN FROM 1330M-1475M
12:00	14:00	2.00	14.00	Ream & Clean	REAM & CLEAN FROM 1475M-1534M
14:00	15:00	1.00	15.00	Condition mud & circulate	CONDITION MUD & CIRCULATE, AND JACK RIG
15:00	16:30	1.50	16.50	Trip out of hole	TRIP OUT OF HOLE TO RUN CASING. FROM 1534M- 1410M PULL 6 STANDS
16:30	17:15	0.75	17.25	Jarring	JARRED AND WORKED THE STRING FREE, PULLING 40 TO 45 daN OVER STRING WEIGHT
17:15	18:45	1.50	18.75	Trip out of hole	TRIP OUT OF HOLE START PUMPING 12 SINGLES OUT OF HOLE FROM 1403M, RAN IN THE 8 STANDS FROM THE DERRICK AND BEGAN WASHIND AND REAMING TO BOTTOM
18:45	19:00	0.25	19.00	Safety meeting	CREW CHANGE SAFETY MEETING, CIRCULATED DURING THIS TIME
19:00	00:00	5.00	24.00	Reaming	REAM AND WASH TO BOTTOM FROM 1328M TO 1403M, MIXING GEL AT 2MIN/SAC



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/5/2011
Report #: 43.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 83,664
Cum Cost to Date: 3,470,183

DFS: 44.44days

MUD CHECKS

Low Gravity Solids (%)	5.8	MBT (kg/m ³)	90	Oil Water Ratio	Chlorides (mg/L)	500.000	Calcium (mg/L)	40.000	Lime (kg/m ³)	Potassium (mg/L)	
Electric Stab (V)	ECD - Manual Entry (kg/m ²)		Sand (%)	0.4	Solids (%)	3.7	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)		
Active Mud Volume (Surf) (m ³)	Mud Lost to Hole (m ³)		Cum Mud Lost to Hole (m ³)		Daily Mud Field Est (Cost)		3,737.16	Cum Mud Field Est...			
Depth (mKB)	1,496.00	Density (kg/m ³)	.0	Funnel Viscosity (s/L)	10,368	pH	10.0	PV Override (cp)	12.0	YP Override (Pa)	6.703

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
BARITE	22.31	21.0
DEFOAMER	210.34	9.0
GEL	13.05	51.0
KELZAN	498.75	1.0
SODA ASH	19.57	4.0
ULTRAFLOC	133.01	1.0

MUD PUMPS

Pump Number	1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	1	Rod Diameter (mm)	127.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	800.0
Pump Number	1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	3,200	Slow Speed Check? Yes	50
Pressure (kPa)	3,250	Slow Speed Check? Yes	55

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m ³ /min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
3/5/2011	Safety Meeting	STEAM USE ON THE FLOOR
3/6/2011	Safety Meeting	CHANGE SHAKER SCREENS

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m ³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/5/2011

Report #: 43.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 83,664

Cum Cost to Date: 3,470,183

DFS: 44.44days

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/6/2011
Report #: 44.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 53,632
Cum Cost to Date: 3,523,815

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 45.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 1,534.00	End Depth (mKB) 1,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear	Temperature (°C) -24	Lease Condition
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Operation at 6am
Cementing the intermediate casing string

Operations Summary
Reamed and washed in the hole from 1403m to bottom at 1534m mixing gel and barite to increase viscosity and mud density. Density was increased to 1130 kg/m3 and the vis was increased from 70 to 130 s/l.. The hole was caving in and unloading. Hole troubles are from the Beaver Hill Lake through the Watt Mountain formations Foaming continued to be a minor issue.

Circulated a bottoms up then tripped out to run casing, the hole pulled 30 daN over through the Slave Point formation. Sucked the volume out of the rathole, blew back the Kelly and knocked off the Kelly hose.

Held a pre-job safety meeting then rigged up to run casing. Made up a 177.8mm float and shoe, checked ok. Ran casing in filling on the fly, broke circulation at 1250m. Washed in the hole from 1320m to 1420m

Operations Next Report Period
WOC, pressure test the bop's, make up the 156mm drill out assembly.

Remarks
Hauled 1 load of cuttings to CCS
Excess casing on location: 3 joints 244.5mm on 2H-03 and 3 joints of 219mm on E-52
No accidents incidents, the Rig is running fine
BJ Services on location

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 31.0	Personnel Total Hours (hr) 744.00	Cum Personnel Total Hours (hr) 28,300.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:00	3.00	3.00	Ream & Clean	REAM AND WASH TO BOTTOM FROM 1403M, 1534M MIXING GEL AT 2MIN/SAC
03:00	03:30	0.50	3.50	Condition mud & circulate	CIRCULATE BOTTOMS UP
03:30	07:00	3.50	7.00	Trip out of hole	TRIP OUT OF HOLE FROM 1534M TO 477M FLOW CHECKS @ 1530M,1054M, 477M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	08:45	1.50	8.75	Trip out of hole	TRIP OUT OF HOLE FROM 477M- TO SURFACE
08:45	09:15	0.50	9.25	Other	CLAEN AND PREPARE FLOOR TO RUN CASING, BLOW OUT KELLY AND KNOCK KELLY HOSE OFF
09:15	10:00	0.75	10.00	Rig up/down to run casing	RIG UP TO RUN CASING AND HAVE PREJOB SAFETY MEETING WITH CREW AND TONG HAND
10:00	12:00	2.00	12.00	Run casing & cementing	RUN CASING FROM 0M-470M
12:00	19:00	7.00	19.00	Run casing & cementing	RUN CASING FROM 470M-1251M, HEAD UP AND CIRCULATE FOR 15MINS, CONTINUE RUNING CASING TO 1320M, THEN WASH TO 1378M .
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS AND POWER TONG HAND
19:15	00:00	4.75	24.00	Run casing & cementing	WASH CASING FROM1378M TO 1420M



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/6/2011
Report #: 44.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 53,632
Cum Cost to Date: 3,523,815

DFS: 45.44days

MUD CHECKS

Low Gravity Solids (%)	5.8	MBT (kg/m³)	90	Oil Water Ratio		Chlorides (mg/L)	500.000	Calcium (mg/L)	40.000	Lime (kg/m³)		Potassium (mg/L)	
Electric Stab (V)		ECD - Manual Entry (kg/m³)		Sand (%)	0.4	Solids (%)	3.7	Temp Bottom Hole (°C)		HTHP Pressure (kPa)		HTHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m³)		Mud Lost to Hole (m³)		Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...		1,510.66		74,005.92	
Depth (mKB)	1,534.00	Density (kg/m³)	.0	Funnel Viscosity (s/L)	10,368	pH	10.0	PV Override (cp)	12.0	YP Override (Pa)		6.703	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
BARITE	22.31	30.0
DEFOAMER	210.34	4.0

MUD PUMPS

Pump Number	1	Rod Diameter (mm)		Pump Rating (kW)	
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	
Volumetric Efficiency (%)					
Pump Number	1	Rod Diameter (mm)	127.0	Pump Rating (kW)	800.0
Pressure (kPa)		Slow Speed Check?		Strokes (spm)	
Volumetric Efficiency (%)					
Pump Number	1	Rod Diameter (mm)		Pump Rating (kW)	
Pressure (kPa)	3,250	Slow Speed Check?	Yes	Strokes (spm)	55
Volumetric Efficiency (%)					

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
3/6/2011	Safety Meeting	CLUTTERED WORK AREAS
3/7/2011	Safety Meeting	CEMENT CASING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33



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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/6/2011

Report #: 44.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 53,632

Cum Cost to Date: 3,523,815

DFS: 45.44days

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/7/2011
Report #: 45.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 303,516
Cum Cost to Date: 3,827,331

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 46.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,534.00	End Depth (mKB) 1,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -24	Lease Condition
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Operation at 6am

Pressure testing the blinds/casing

Operations Summary

Washed and pounded casing in from 1420m to 1532m to get it to bottom.

Casing details:

Ran 114 joints of 177.8mm L-80, 34.23 kg/m3, LT&C EVRAZ casing, the string included 1 Import L-80 8 round float shoe, one joint of casing and 1 Import 8 round float collar (Top of float collar 1516.51mkb) followed by 113 joints of range 3 to surface. Ran 37 Import Bow Spring Centralizers, stop collars were installed 3m above and below the float collar. Total length of casing was 1534.48m and was landed at 1531.00 mKB.

Casing was washed in from 1420m to bottom and circulated on bottom for 3 hours including the pre job safety meeting with BJ Services.

Cement details:

Pre-flushed with 4.00m3 water followed by 1.17t (3.00m3) MaxxCem G Cement with .90% FL-5, 1.00% Cacl2 scavenger pre-flush weighted at 1250kg/m3. Cemented with 35.5 t (34.5m3) MaxxCem G cement with .90% FL-5, 1.00% Cacl2. Dropped the plug and displaced with 30.10m3 fresh water, bumped the plug at 12MPa 3.5 MPa over the final circulating pressure at 08:30 hrs March 7, 2011. Full mud returns throughout the job. Bled back the floats held and the annulus level was static. No cement returns noted at the shaker.

Drained the bops, blew out the casing and lifted the bop stack. Installed the casing slips and set into them at 44dan. Cut and beveled the casing, installed the casing slip assembly and lowered the bops. Pressure tested the manifold shack, upper and lower Kelly cocks and inside bop.

Operations Next Report Period

Complete pressure test, make up 156mm directional bha and drill out.

Remarks

Casing seal assembly arrived late from Grande Prairie and was installed hours later.

Transferred mud tank volume to storage tanks on E-52 then cleaned mud tanks. Stripped back mud for make up water for the Horizontal mud system.

Installed 152mm liners in the mud pump, slip and cut drilling line. Nabors Mechanic changed out the heater in the loader, changed out transmission seals and roto seal on drawworks

Hauled 1 load of cuttings to CCS

Excess casing : 3 joints 244.5mm on 2H-03, 5 joints 177.8mm and 3 joints of 219mm on E-52

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 32.0	Personnel Total Hours (hr) 768.00	Cum Personnel Total Hours (hr) 29,068.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:45	2.75	2.75	Run casing	WASH CASING FROM 1420M TO 1532M
02:45	05:45	3.00	5.75	Condition mud & circulate	CONDITION MUD & CIRCULATE
05:45	06:00	0.25	6.00	Safety meeting	SAFETY MEETING WITH BJ CEMENTERS
06:00	07:00	1.00	7.00	Cementing	CEMENTED WITH 1.17t 3M3 MAXXCEM G SCAVENGER .90 FL-5%, 1% CaCl2 FOLLOWED BY 35.5t MAXXCEM G BLEND AT 1700KG/M3 .90 FL-5%, 1% CaCl2. DISPLACED WITH 30.10M3 WATER, FULL RETURNS THROUGHOUT THE JOB, BUMPED THE PLUG, BLEED OFF AND CHECKED THE FLOATS, OK.
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING PRE TOUR. WITH BOTH CREWS
07:15	09:30	2.25	9.50	Cementing	CEMENTING. DROP PLUG @08:30 AND DISPLACE CASING
09:30	12:00	2.50	12.00	Nipple down BOPs	REMOVE FLOW LINE, LIFT BOP STACK OFF CASING BOWL, TO SET CASING SLIPS
12:00	12:30	0.50	12.50	Other	CUT OFF CASING, SET CASING SLIPS 44dan
12:30	17:00	4.50	17.00	Wait on cement	WAIT ON CEMENT, CLEAN MUD TANKS, TRANSFER VOLUME TO E-52 STORAGE TANKS
17:00	18:00	1.00	18.00	Pressure test BOPs	PRESSURE TEST MANIFOLD 1400 KPA LOW 14000 KPA HIGH ALL TEST HELD FOR 5 MIN



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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/7/2011

Report #: 45.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 303,516

Cum Cost to Date: 3,827,331

DFS: 46.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
18:00	19:00	1.00	19.00	Slip/Cut drilling line	SLIP/CUT DRILLING LINE
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	20:00	0.75	20.00	Pressure test BOPs	PRESSURE TEST UPPER AND LOWER KELLY COCK FUNCTION TEST MOTOR KILLS
20:00	23:30	3.50	23.50	Waiting on	WAITING ON CASING SLIPS SEAL ASSEMBELEY, CONTINUE CLEANING MUD TANKS, CHECK VALVES, SEATS, AND LINERS IN MUD PUMP, BUILD AND INSTALL 2" VALVE ON BOP SPOOL,
23:30	00:00	0.50	24.00	Nipple up BOP	NIPPLE UP BOP, INSTALL CASING SLIP SEAL ASSEMBELEY

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m ³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m ³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m ³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m ³)	Mud Lost to Hole (m ³)	Cum Mud Lost to Hole (m ³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	80.22	74,086.14
Depth (mKB)	Density (kg/m ³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1,531.00	1110.0	3,197	9.0			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DESCO	80.22	1.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1		127.0	800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m ³ /min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
3/8/2011	Safety Meeting	NIPPLE UP BOP'S
3/8/2011	Safety Meeting	NIPPLE UP BOP'S

SAFETY INCIDENTS

Date	Com	Type



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/7/2011

Report #: 45.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 303,516

Cum Cost to Date: 3,827,331

DFS: 46.44days

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/8/2011
Report #: 46.0
Depth Progress: 11.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 60,361
Cum Cost to Date: 3,887,692

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 47.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 1,534.00	End Depth (mKB) 1,545.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear	Temperature (°C) -23	Lease Condition
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Operation at 6am
Drilling the lateral at 1600m

Operations Summary
Nipped up the bop's, crews struggled with damaged bolts on the kill line and had to replace. Pressure tested the casing and bop's as detailed in the time breakdown. The HCR valve would not hold pressure and was replaced by the rig crew, all other components tested without incident.
Made up and scribed MWD tools with a 127mm 7/8 lobe 3.8stage HR motor set at 1.83 deg and a 156mm UD 513 PDC drill bit and tripped in the hole.
Tested the filled pipe and tested the MWD tool at 400m and 1000m. Tagged cement at 1511m, drilled the float 1516.95m and the shoe at 1531m. No issues drilling the plugs.
Drilled 156mm hole from 1534m to 1545m

Operations Next Report Period
Drill ahead

Remarks
Held a sour H2S pack drill at crew change and conducted a nipple up inspection and hazard hunt.
Pason system upgrade downloaded yesterday, drilling parameters and MD entered manually. MD accurate bit information is not. Will address today.
300l mud spill during mud transfer to E-52, 400bbl overflowed by Vacuum Truck Operator. Spill cleaned immediately.
Hauled 1 load of cuttings to CCS
Excess casing : 3 joints 244.5mm on 2H-03, 5 joints 177.8mm and 3 joints of 219mm on E-52.
Cameron Hills field communications issues were discussed at the morning field operations meetings as they are every meeting.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 32.0	Personnel Total Hours (hr) 768.00	Cum Personnel Total Hours (hr) 29,836.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

TIME LOG SUMMARY					
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	06:00	6.00	6.00		NIPPLE UP BOPS, INSTALL FLOW T, AND FLOW LINE, CHANGE OUT DAMAGED BOLTS ON KILL LINE VALVE ASSEMBLY
06:00	12:00	6.00	12.00	Nipple up BOPs	NIPPLE UP BOPS, INSTALL FLOW T, AND FLOW LINE, CHANGE OUT DAMAGED BOLTS ON KILL LINE VALVE ASSEMBLY
12:00	13:00	1.00	13.00		PRESSUREE TESTED THE BOP COMPONENTS AS FOLLOWS: TESTED THE UPPER AND LOWER KELLY COCK, INSIDE BOP, STABBING VALVE,MANIFOLD VALVES AND CHOKE LINES 1500KPA LOW AND 14000KPA HIGH TEST HELD FOR 5MIN WITH NO PRESSURE DROP
13:00	14:00	1.00	14.00	Pressure test BOPs	PRESSUREE TESTED THE BOP COMPONENTS AS FOLLOWS: TESTED THE UPPER AND LOWER KELLY COCK, INSIDE BOP, STABBING VALVE,MANIFOLD VALVES AND CHOKE LINES 1500KPA LOW AND 14000KPA HIGH TEST HELD FOR 5MIN WITH NO PRESSURE DROP
14:15	14:30	0.25	14.50		SAFETY MEETING WITH BOTH CREWS
14:00	14:15	0.25	14.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
14:30	16:45	2.25	16.75		PRESSURE TESTED THE BLIND RAMS, 177.8MM CASING SEAL ASSEMBLY, ANNULAR AND CHECK VALVE OUTSIDE CHOKE AND KILL VALVES,1500KPA LOW AND 14000KPA HIGH TEST HELD FOR 5MIN WITH NO PRESSURE DROP
16:45	19:00	2.25	19.00	Pressure test BOPs	PRESSURE TESTED THE BLIND RAMS, 177.8MM CASING SEAL ASSEMBLY, ANNULAR AND CHECK VALVE OUTSIDE CHOKE AND KILL VALVES,1500KPA LOW AND 14000KPA HIGH TEST HELD FOR 5MIN WITH NO PRESSURE DROP
20:30	22:00	1.50	22.00		CHANGE HCR VALVE
19:00	20:30	1.50	20.50	Other	CHANGE HCR VALVE



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/8/2011
Report #: 46.0
Depth Progress: 11.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 60,361
Cum Cost to Date: 3,887,692

DFS: 47.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
22:00	23:00	1.00	23.00		PRESURE TESTED THE HCR VALVE 1500KPA LOW AND 14000KPA HIGH TEST HELD FOR 5MIN WITH NO PRESSURE DROP. ACCUMULATOR TEST: STARTING PRESS 23200 KPA, 3 FUNCTION TEST REMAINING PRESSURE 12000KPA, PUMP UP TIME 96 SEC, PRECHARGE PRESSURE 6500KPA
23:00	00:00	1.00	24.00	Test BOP	PRESURE TESTED THE HCR VALVE 1500KPA LOW AND 14000KPA HIGH TEST HELD FOR 5MIN WITH NO PRESSURE DROP. ACCUMULATOR TEST: STARTING PRESS 23200 KPA, 3 FUNCTION TEST REMAINING PRESSURE 12000KPA, PUMP UP TIME 96 SEC, PRECHARGE PRESSURE 6500KPA
00:00	00:15	0.25	24.25		PREP THE DRILL FLOOR FOR MAKING UP TOOLS
00:15	00:30	0.25	24.50	Directional work	PREP THE DRILL FLOOR FOR MAKING UP TOOLS
00:30	00:45	0.25	24.75		SAFETY MEETING WITH DIRECTIONAL HAND AND CREW
00:45	01:00	0.25	25.00	Safety meeting	SAFETY MEETING WITH DIRECTIONAL HAND AND CREW
01:00	02:45	1.75	26.75		PICK UP AND MAKE UP DIRECTIONAL/ MWD TOOLS
02:45	04:30	1.75	28.50	Directional work	PICK UP AND MAKE UP DIRECTIONAL/ MWD TOOLS
09:15	14:00	4.75	38.00		TRIP IN HOLE FROM 0M- 1175M-FULL PIPE AND TEST TOOL @
04:30	09:15	4.75	33.25	Trip in hole	TRIP IN HOLE FROM 0M- 1175M FULL PIPE AND TEST TOOL @
14:00	14:15	0.25	38.25		H2S BOP DRILL WITH BOTH CREWS, WELL SECURE IN 90 SECONDS ALL HANDS TO MUSTER POINT IN 60 SECONDS
14:15	14:30	0.25	38.50	Drills/BOP, etc.	H2S BOP DRILL WITH BOTH CREWS, WELL SECURE IN 90 SECONDS ALL HANDS TO MUSTER POINT IN 60 SECONDS
14:30	14:45	0.25	38.75		PRETOUR SAFETY MEETING WITH BOTH CREWS
14:45	15:00	0.25	39.00	Safety meeting	PRETOUR SAFETY MEETING WITH BOTH CREWS
15:00	16:00	1.00	40.00		TRIP IN HOLE FROM 1175M TO 1510M TAG TOP OF PLUG @ 1511M
16:00	17:00	1.00	41.00	Trip in hole	TRIP IN HOLE FROM 1175M TO 1510M TAG TOP OF PLUG @ 1511M
17:00	20:00	3.00	44.00		DRILL CEMENT/DRILL OUT CEMENT/DRILL FLOAT&SHOE FROM 1511M TO 1531M
20:00	23:00	3.00	47.00	Drill cement/drill out cement/drill float&shoe	DRILL CEMENT/DRILL OUT CEMENT/DRILL FLOAT&SHOE FROM 1511M TO 1531M
23:30	00:00	0.50	48.00		DRILL 156MM HOLE FROM 1534M TO1545
23:00	23:30	0.50	47.50	Drill	DRILL 156MM HOLE FROM 1534M TO1545

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m²)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	3,263.98	77,350.12
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1,541.00	1005.0	37	12.5			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DRISPAC	198.45	2.0
DRISPAC	198.45	4.0
KELZAN	498.75	2.0
KELZAN	498.75	2.0
SODA ASH	19.57	2.0
SODA ASH	19.57	2.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/8/2011
Report #: 46.0
Depth Progress: 11.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 60,361
Cum Cost to Date: 3,887,692

DFS: 47.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
STARDRIL		7.0
STARDRIL		7.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		127.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
6	Bit	156.0	United Diamond	UD513	5954	S233
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0	1,534.00	2,082.89	549.85	57.50	9.6	2-3-WT-S-X-2-CT-BHA

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.62	3,914.20
Drill pipe - Stands			68	1,295.42	5,209.62
Drill pipe - Stands			48	913.92	3,904.58
Drill pipe - Stands			59	1,123.58	2,990.66
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,867.08
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,305.57
HWDP(4.0 IN)	64.0	102.0	60	561.51	738.71
JARS-HYD/MECH	64.0	102.0	1	5.35	744.06
JARS-HYD/MECH	64.0	102.0	1	5.35	177.20
JARS-HYD/MECH	64.0	102.0	1	5.35	171.85
DP(4.0")	84.0	102.0	2	19.20	166.50
DP(4.0")	84.0	102.0	2	19.20	147.30
DP(4.0")	84.0	102.0	2	19.20	128.10
MONEL FLEX	68.0	120.0	1	9.19	108.90
MONEL FLEX	68.0	120.0	1	9.19	99.71
MONEL FLEX	68.0	120.0	1	9.19	81.21
MONEL FLEX	68.0	121.0	1	9.31	90.52
MONEL FLEX	68.0	121.0	1	9.31	72.02
MONEL FLEX	68.0	121.0	1	9.31	44.01
MONEL FLEX	68.0	120.0	1	9.35	53.36
MONEL FLEX	68.0	120.0	1	9.35	62.71
MONEL FLEX	68.0	120.0	1	9.35	33.85
ORIENT SUB	64.0	120.0	1	0.85	24.50
ORIENT SUB	64.0	120.0	1	0.85	34.70
ORIENT SUB	64.0	120.0	1	0.85	16.11
MOTOR HS	64.0	120.0	1	7.54	15.26
MOTOR HS	64.0	120.0	1	7.54	23.65



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/8/2011
Report #: 46.0
Depth Progress: 11.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 60,361
Cum Cost to Date: 3,887,692

DFS: 47.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
MOTOR HS	64.0	120.0	1	7.54	7.72

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m ³ /min)	dP (SPP) (kPa)
1,534.00	1,545.00		6,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
30		30		0.50		

SAFETY CHECKS

Date	Type	Des
3/8/2011	Safety Meeting	OVER HEAD LOADS
3/8/2011	Safety Meeting	OVER HEAD LOADS
3/9/2011	Safety Meeting	CATCHING SAMPLES
3/9/2011	Safety Meeting	CATCHING SAMPLES

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m ³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/9/2011	1,543.85	87.90	182.00	1,423.88	-175.71	16.18	175.90	3.86
3/9/2011	1,553.49	87.70	182.20	1,424.25	-185.34	15.83	185.52	0.88
3/9/2011	1,563.05	89.70	181.40	1,424.47	-194.89	15.53	195.07	6.76
3/9/2011	1,572.22	91.60	181.20	1,424.36	-204.06	15.32	204.23	6.25
3/9/2011	1,581.85	92.30	180.50	1,424.04	-213.68	15.18	213.85	3.08

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/9/2011
Report #: 47.0
Depth Progress: 222.64

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 80,444
Cum Cost to Date: 3,968,136

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 48.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 1,545.00	End Depth (mKB) 1,767.64	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear	Temperature (°C) -27	Lease Condition
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Operation at 6am
Drilling the lateral at 1800m

Operations Summary
Drilled 222m of the lateral section from 1545m to 1767m. Slid for 25 of those meters. As per the intruction of our Geologists we are slowly dropping TVD from 1422m to 1418m over the course of the horizontal leg.

Operations Next Report Period
Drill ahead as per instruction from Geology

Remarks
Downloaded and Installed Pason/Wellview Upgrade

No accidents, incidents Rig or Directional Issues.
Nabors Drilling was able to provide us with a third drilling crew. They arrived yesterday, recieved both a general Paramount Orientation and a Rig Specific one as well.
Neufeld delivered 8,400l of diesel excess from the service rig order.
UD 513 Bit #6 cost entered
Hauled 1 load of cuttings to CCS
Excess casing : 3 joints 244.5mm on 2H-03, 5 joints 177.8mm and 3 joints of 219mm on E-52.

Cameron Hills field communications issues were discussed at the morning field operations meetings as they are every meeting.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 32.0	Personnel Total Hours (hr) 768.00	Cum Personnel Total Hours (hr) 30,604.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:15	3.25	3.25	Drill	DRILL 1556MM HOLE FROM 1545M TO 1576M
03:15	03:30	0.25	3.50	Rig Service	RIG SERVICE, FUNCTION ANNULAR 8 SECONDS TO CLOSE
03:30	07:00	3.50	7.00	Drill	DRILL 156MM HOLE FROM 1576M TO 1608M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	12:00	4.75	12.00	Drill	DRILL 156MM HOLE FROM 1608M-1671M
12:00	15:00	3.00	15.00	Drill	DRILL 156MM HOLE FROM 1671M-1701M
15:00	15:15	0.25	15.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
15:15	23:45	8.50	23.75	Drill	DRILL 156MM HOLE FROM 1701M-1767M
23:45	00:00	0.25	24.00	Rig Service	RIG SERVICE, FUNCTION PIPE RAMS (4secs O/C)

MUD CHECKS							
Low Gravity Solids (%) 1.0	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L) 800.000	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)	
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.5	Solids (%) 1.1	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost) 1,399.99	Cum Mud Field Est... 78,750.11			
Depth (mKB) 1,755.00	Density (kg/m³) 1010.0	Funnel Viscosity (s/L) 3,370	pH 10.5	PV Override (cp) 6.0	YP Override (Pa) 0.000		

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
DRISPAC	198.45	1.0
DRISPAC	198.45	1.0
DRISPAC	198.45	2.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/9/2011
Report #: 47.0
Depth Progress: 222.64

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 80,444
Cum Cost to Date: 3,968,136

DFS: 48.44days

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
ORIENT SUB	64.0	120.0	1	0.85	34.70
ORIENT SUB	64.0	120.0	1	0.85	16.11
MOTOR HS	64.0	120.0	1	7.54	15.26
MOTOR HS	64.0	120.0	1	7.54	23.65
MOTOR HS	64.0	120.0	1	7.54	7.72

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,545.00	1,671.00		8,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
35		35		8.00		
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,671.00	1,767.64		6,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40		40		9.00		

SAFETY CHECKS

Date	Type	Des
3/9/2011	Safety Meeting	STEAM USE ON THE FLOOR
3/10/2011	Safety Meeting	NEW WORKERS TO RIG

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/9/2011	1,705.54	89.80	179.90	1,424.76	-337.33	13.74	337.47	3.13
3/9/2011	1,715.15	89.00	179.50	1,424.86	-346.94	13.79	347.08	2.79
3/9/2011	1,724.79	91.10	179.20	1,424.85	-356.58	13.90	356.72	6.60
3/9/2011	1,734.41	93.00	179.30	1,424.51	-366.19	14.03	366.34	5.93
3/9/2011	1,744.02	93.80	178.70	1,423.94	-375.78	14.19	375.93	3.12

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/10/2011
Report #: 48.0
Depth Progress: 155.32

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 49,652
Cum Cost to Date: 4,017,788

API/UM 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 49.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 1,767.00	End Depth (mKB) 1,922.32	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
Weather Clear	Temperature (°C) -30	Lease Condition	
Operation at 6am Drilling the lateral at 1953m			
Operations Summary Drilled from 1767m to 1922m As per the instruction of our Geologists we are slowly dropping TVD from 1422m to 1418m over the course of the horizontal leg. Spent 1.5hrs sliding 7.5m. At the survey prior to midnight we are .74m below and 5.12m right of the target line. Conducted a sour bop drill and practiced search patterns with all drilling personnel			
Operations Next Report Period Drill ahead as per instruction from Geology			
Remarks Hauled 1 load of cuttings to CCS Excess casing : 3 joints 244.5mm on 2H-03, 5 joints 177.8mm and 3 joints of 219mm on E-52. Cameron Hills field communications issues were discussed at the morning field operations meetings as they are every meeting.			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 33.0	Personnel Total Hours (hr) 792.00	Cum Personnel Total Hours (hr) 31,396.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	07:00	7.00	7.00	Drill	DRILL 156MM HOLE FROM 1767M-1805M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING W/ BOTH CREWS
07:15	11:45	4.50	11.75	Drill	DRILL 156MM HOLE FROM 1805M-1848M
11:45	12:00	0.25	12.00	Rig Service	RIG SERVICE, FUNCTION ANNULAR (8sec 0/C), HCR (2sec)
12:00	19:00	7.00	19.00	Drill	DRILL 156MM HOLE FROM 1848M-1887M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING / BOP DRILL WITH CM, RM, RIG CREW AND ALL PERSONEL ON SITE
19:15	00:00	4.75	24.00	Drill	DRILL 156MM HOLE FROM 1887M-1922M

MUD CHECKS

Low Gravity Solids (%) 1.0	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L) 1,600.000	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.5	Solids (%) 1.8	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost) 490.59	Cum Mud Field Est...	79,240.70	
Depth (mKB) 1,913.00	Density (kg/m³) 1030.0	Funnel Viscosity (s/L) 3,370	pH 10.0	PV Override (cp) 10.0	YP Override (Pa) 2.729	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DRISPAC	198.45	1.0
STARDRIL	146.07	2.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/10/2011
Report #: 48.0
Depth Progress: 155.32

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 49,652
Cum Cost to Date: 4,017,788

DFS: 49.44days

Pressure (kPa)	2,270	Slow Speed Check?	Yes	Strokes (spm)	49	Volumetric Efficiency (%)
Pressure (kPa)	2,290	Slow Speed Check?	Yes	Strokes (spm)	50	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
6	Bit	156.0	United Diamond	UD513	5954	S233
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull
14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0	1,534.00	2,082.89	549.85	57.50	9.6	2-3-WT-S-X-2-CT-BHA

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.62	3,914.20
Drill pipe - Stands			68	1,295.42	5,209.62
Drill pipe - Stands			48	913.92	3,904.58
Drill pipe - Stands			59	1,123.58	2,990.66
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,867.08
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,305.57
HWDP(4.0 IN)	64.0	102.0	60	561.51	738.71
JARS-HYD/MECH	64.0	102.0	1	5.35	744.06
JARS-HYD/MECH	64.0	102.0	1	5.35	177.20
JARS-HYD/MECH	64.0	102.0	1	5.35	171.85
DP(4.0")	84.0	102.0	2	19.20	166.50
DP(4.0")	84.0	102.0	2	19.20	147.30
DP(4.0")	84.0	102.0	2	19.20	128.10
MONEL FLEX	68.0	120.0	1	9.19	108.90
MONEL FLEX	68.0	120.0	1	9.19	99.71
MONEL FLEX	68.0	120.0	1	9.19	81.21
MONEL FLEX	68.0	121.0	1	9.31	90.52
MONEL FLEX	68.0	121.0	1	9.31	72.02
MONEL FLEX	68.0	121.0	1	9.31	44.01
MONEL FLEX	68.0	120.0	1	9.35	53.36
MONEL FLEX	68.0	120.0	1	9.35	62.71
MONEL FLEX	68.0	120.0	1	9.35	33.85
ORIENT SUB	64.0	120.0	1	0.85	24.50
ORIENT SUB	64.0	120.0	1	0.85	34.70
ORIENT SUB	64.0	120.0	1	0.85	16.11
MOTOR HS	64.0	120.0	1	7.54	15.26
MOTOR HS	64.0	120.0	1	7.54	23.65
MOTOR HS	64.0	120.0	1	7.54	7.72

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,767.00	1,848.00		6,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40	40	40		11.50		
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,848.00	1,922.32		6,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40	40	40		11.00		

SAFETY CHECKS

Date	Type	Des
3/10/2011	Safety Meeting	LOCK OUT PROCEDURES



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/10/2011
 Report #: 48.0
 Depth Progress: 155.32

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 49,652
 Cum Cost to Date: 4,017,788

DFS: 49.44days

SAFETY CHECKS

Date	Type	Des
3/11/2011	Safety Meeting	SCBA PACK TRAINING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)
3/10/2011	1,868.15	89.20	180.20	1,421.31	-499.85	13.83	499.99	3.63
3/10/2011	1,877.78	89.10	180.00	1,421.46	-509.48	13.81	509.62	0.70
3/10/2011	1,887.42	88.40	180.60	1,421.67	-519.12	13.76	519.25	2.87
3/10/2011	1,897.02	88.30	180.90	1,421.94	-528.71	13.63	528.84	0.99
3/10/2011	1,906.68	88.20	180.90	1,422.24	-538.37	13.48	538.50	0.31

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/11/2011
Report #: 49.0
Depth Progress: 160.89

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 55,850
Cum Cost to Date: 4,073,637

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 50.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02	

Daily Operations

Start Depth (mKB) 1,922.00	End Depth (mKB) 2,082.89	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
Weather Clear		Temperature (°C) -28	Lease Condition

Operation at 6am

Making up bit #7

Operations Summary

Drilled from 1922m to 2082m As per the instruction of our Geologists. Spent 1.5hrs sliding 7m. At the survey prior to tripping we are .19m above and 2.60m left of the target line. Projection at the bit Inc 89.3, Azm 177.80, TVD 1422.63m

We tripped out of the hole to perform a pipe swap have a fresh bit and motors for the second half of the lateral section. We were experiencing difficulty sliding and steering the motor and needed to wipe the hole regardless.

Operations Next Report Period

Trip in the hole, resume drilling the lateral at 2082.89m

Remarks

Hauled 2 loads of cuttings to CCS

One load of sawdust was delivered

Excess casing : 3 joints 244.5mm on 2H-03, 5 joints 177.8mm, 2 177.8mm marker joints and 3 joints of 219mm on E-52.

Cameron Hills field communications issues were discussed at the morning field operations meetings as they are every meeting.

Avg Connection Gas (Units)	Avg Background Gas (Units) 50.00	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 33.0	Personnel Total Hours (hr) 792.00	Cum Personnel Total Hours (hr) 32,188.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE, GREASED DRIVE LINE, BREAK PINS AND LINKAGES, TABLE, KELLY BUSHINGS, BLOCKS AND WASH PIPE. CHECKED OILS IN FLOOR MOTOR, RIGHT ANGLE DRIVE, CHAINE CASE, KELLY SPINNER AND TABLE / FUNCTION PIPE RAMS (3secs)
00:15	07:00	6.75	7.00	Drill	DRILL 156MM HOLE FROM 1922M-1960M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING W/BOTH CREWS
07:15	12:00	4.75	12.00	Drill	DRILL 156MM HOLE FROM 1960M-1996M
12:00	18:45	6.75	18.75	Drill	DRILL 156MM HOLE FROM 1996M-2067M
18:45	19:00	0.25	19.00	Rig Service	RIG SERVICE, FUNCT. ANNULAR (sec), HCR (sec)
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	23:00	3.75	23.00	Drill	DRILL 156MM HOLE FROM 2067M-2082M FLOW CHECK
23:00	00:00	1.00	24.00	Trip out of hole	TRIP OUT OF HOLE FROM 2082M-1794M

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Slab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost) 1,998.66	Cum Mud Field Est... 81,239.36		
Depth (mKB) 2,061.00	Density (kg/m³) 1040.0	Funnel Viscosity (s/L)	pH 38	PV Override (cp) 9.5	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
ALKAPAM 1103D	227.00	6.0
DRISPAC	198.45	1.0
STARDRIL	146.07	3.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/11/2011
Report #: 49.0
Depth Progress: 160.89

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 55,850
Cum Cost to Date: 4,073,637

DFS: 50.44days

Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	127.0	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)		Pump Rating (kW)
Pressure (kPa) 2,600	Slow Speed Check? Yes	Strokes (spm)	Volumetric Efficiency (%) 51
Pressure (kPa) 2,600	Slow Speed Check? Yes	Strokes (spm)	Volumetric Efficiency (%) 51

BIT SUMMARY

Bit Run 6	Bit Type Bit	Size (mm) 156.0	Make United Diamond	Model UD513	Serial Number 5954	IADC Codes S233
Nozzles (mm) 14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0/14.0	Depth In (mKB) 1,534.00	Depth Out (mKB) 2,082.89	Depth Drilled (m) 549.85	Drilling Time (hr) 57.50	BHA ROP (m/hr) 9.6	IADC Bit Dull 2-3-WT-S-X-2-CT-BHA

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.62	3,914.20
Drill pipe - Stands			68	1,295.42	5,209.62
Drill pipe - Stands			48	913.92	3,904.58
Drill pipe - Stands			59	1,123.58	2,990.66
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,867.08
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,305.57
HWDP(4.0 IN)	64.0	102.0	60	561.51	738.71
JARS-HYD/MECH	64.0	102.0	1	5.35	744.06
JARS-HYD/MECH	64.0	102.0	1	5.35	177.20
JARS-HYD/MECH	64.0	102.0	1	5.35	171.85
DP(4.0")	84.0	102.0	2	19.20	166.50
DP(4.0")	84.0	102.0	2	19.20	147.30
DP(4.0")	84.0	102.0	2	19.20	128.10
MONEL FLEX	68.0	120.0	1	9.19	108.90
MONEL FLEX	68.0	120.0	1	9.19	99.71
MONEL FLEX	68.0	120.0	1	9.19	81.21
MONEL FLEX	68.0	121.0	1	9.31	90.52
MONEL FLEX	68.0	121.0	1	9.31	72.02
MONEL FLEX	68.0	121.0	1	9.31	44.01
MONEL FLEX	68.0	120.0	1	9.35	53.36
MONEL FLEX	68.0	120.0	1	9.35	62.71
MONEL FLEX	68.0	120.0	1	9.35	33.85
ORIENT SUB	64.0	120.0	1	0.85	24.50
ORIENT SUB	64.0	120.0	1	0.85	34.70
ORIENT SUB	64.0	120.0	1	0.85	16.11
MOTOR HS	64.0	120.0	1	7.54	15.26
MOTOR HS	64.0	120.0	1	7.54	23.65
MOTOR HS	64.0	120.0	1	7.54	7.72

DRILLING SUMMARY

Start Depth (mKB) 1,922.00	End Depth (mKB) 1,996.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 10,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 40	Motor RPM (rpm)	Bit RPM (rpm)	40	Slack-Off String Weight (daN)	Drilling Time (hr) 11.50	



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/11/2011
 Report #: 49.0
 Depth Progress: 160.89

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 55,850
 Cum Cost to Date: 4,073,637

DFS: 50.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,996.00	2,082.89		12,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40		40		6.00		

SAFETY CHECKS

Date	Type	Des
3/12/2011	Safety Meeting	REAMING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/11/2011	2,029.52	90.30	177.10	1,423.33	-661.15	16.29	661.30	2.91
3/11/2011	2,039.12	90.20	177.60	1,423.29	-670.74	16.74	670.89	1.59
3/11/2011	2,048.74	89.40	176.50	1,423.32	-680.34	17.23	680.51	4.24
3/11/2011	2,057.97	89.20	177.00	1,423.44	-689.56	17.76	689.73	1.75
3/11/2011	2,067.55	89.60	176.90	1,423.54	-699.12	18.27	699.30	1.29

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/12/2011
Report #: 50.0
Depth Progress: 6.20

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 98,737
Cum Cost to Date: 4,172,375

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 51.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations

Start Depth (mKB) 2,082.00	End Depth (mKB) 2,088.20	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
Weather Clear	Temperature (°C) -26	Lease Condition	

Operation at 6am

Drilling the lateral at 2119m

Operations Summary

Completed the trip out of the hole, removed bit # 6 and laid down the motor. Installed a new MWD tool set the HR motor to 1.50 deg made up a new UD513 PDC and tripped in the hole. Washed and reamed through several tight spots areas with dog legs in the wellbore. Washed and reamed the last 79m to bottom (2003 to 2082m)

Drilled from 2082m to 2088m As per the instruction of our Geologists. Spent 2.25 hrs sliding 2m. At the survey prior to midnight we are .10m above and 2.90m left of the target line. We were experiencing difficulty sliding and steering, mobilized some EZ Drill to assist with this problem. Pumped high vis sweeps to clean any surplus drill solids in the hole.

Operations Next Report Period

Drill ahead as per instruction from Geology

Remarks

Hauled 1 load of cuttings to CCS

Excess casing : 3 joints 244.5mm on 2H-03, 5 joints 177.8mm, 2 177.8mm marker joints and 3 joints of 219mm on E-52.

UD 513 Bit #6 cost entered

26,000 L of fuel delivered

Cameron Hills field communications issues were discussed at the morning field operations meetings as they are every meeting.

Avg Connection Gas (Units) 300.00	Avg Background Gas (Units) 40.00	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hr) 33.0	Cum Personnel Total Hours (hr) 792.00	32,980.00

DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	04:00	4.00	4.00	Trip out of hole	TRIP OUT OF HOLE FROM 1794M-36.42M
04:00	07:00	3.00	7.00	Directional work	DIRECTIONAL BREAK DOWN TOOLS AND LAY OUT THE OLD MUD MOTOR,PICK UP NEW MOTOR AND DIAL IT DOWN FROM 1.83 TO 1.50 DEG, SCRIBE MAKE UP BIT # 7
07:00	07:15	0.25	7.25	Safety meeting	CREW CHANGE SAFETY MEETING AND HANDOVER
07:15	12:00	4.75	12.00	Trips	TRIP IN THE HOLE, TESTED THE MWD TOOL AT 400M AND 1000M. FILLED PIPE AND BROKE CIRCULATION AT THE SHOE / FLOW CHECK @ 1236M
12:00	17:15	5.25	17.25	Trips	CONT. RIH FR/ 1236M TO 1622M, WASH TIGHT SPOT @ 1622M, RIH FR/ 1622M-1725M, WASH FR/ 1725M-1740M, RIH FR/ 1740M-1767M, WASH FR/ 1767M-1772M, RIH FR/ 1772M-1977M, WASH FR/ 1977M-1981M, RIH FR/ 1981M-2003M
17:15	19:00	1.75	19.00	Reaming	REAMING TIGHT HOLE FROM 2003M-2006M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	21:30	2.25	21.50	Ream & Clean	REAM & CLEAN FROM 2006M-2083M
21:30	00:00	2.50	24.00	Drill	DRILL 156MM HOLE FROM 2083M-2088M

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HHP Pressure (kPa)	HHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	5,768.40	87,007.76
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
	1035.0	43	9.5			

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
EZ DRILL	1,922.80	3.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/12/2011
 Report #: 50.0
 Depth Progress: 6.20

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 98,737
 Cum Cost to Date: 4,172,375

DFS: 51.44days

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run 7	Bit Type Bit	Size (mm) 156.0	Make ULTERRA	Model 155UD513	Serial Number U563	IADC Codes S132
Nozzles (mm) 14.0/14.0/14.0/14.0/1 2.0	Depth In (mKB) 2,082.00	Depth Out (mKB) 2,333.73	Depth Drilled (m) 251.93	Drilling Time (hr) 38.00	BHA ROP (m/hr) 6.6	IADC Bit Dull -----

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.70	5,028.63
Drill pipe - Stands			83	1,580.60	6,609.23
Drill pipe - Singles			1	9.13	5,018.93
Drill pipe - Stands			76	1,446.69	4,448.29
HWDP(4.0 IN)	64.0	102.0	60	561.51	5,009.80
Drill pipe - Stands			89	1,695.91	3,001.60
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,300.34
JARS-HYD/MECH	64.0	102.0	1	5.35	1,305.69
HWDP(4.0 IN)	64.0	102.0	10	93.63	738.83
JARS-HYD/MECH	64.0	102.0	1	5.35	626.00
DP(4.0")	84.0	102.0	2	19.20	645.20
HWDP(4.0 IN)	64.0	102.0	50	467.93	620.65
DP(4.0")	84.0	102.0	2	19.20	143.53
MONEL FLEX	68.0	120.0	1	9.19	152.72
120 SINGLES	84.0	102.0	1		124.33
MONEL FLEX	68.0	120.0	1	9.19	124.33
MONEL FLEX	68.0	121.0	1	9.31	115.14
JARS-HYD/MECH	64.0	102.0	1	5.35	105.83
MONEL FLEX	68.0	121.0	1	9.31	81.48
MONEL FLEX	68.0	120.0	1	9.35	90.83
2 SINGLES	84.0	102.0	1	9.65	100.48
MONEL FLEX	68.0	120.0	1	9.35	61.72
ORIENT SUB	64.0	120.0	1	0.85	62.57
DP(4.0")	84.0	102.0	1	9.60	72.17
ORIENT SUB	64.0	120.0	1	0.85	43.18
MOTOR HS	64.0	120.0	1	7.54	42.33
MONEL FLEX	68.0	120.0	1	9.19	52.37
MOTOR HS	64.0	120.0	1	7.54	25.48
MONEL FLEX	68.0	121.0	1	9.31	34.79
MONEL FLEX	68.0	120.0	1	9.35	17.94
ORIENT SUB		120.0	1	0.85	8.59
MOTOR LS	64.0	102.0	1	7.56	7.74



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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/12/2011

Report #: 50.0

Depth Progress: 6.20

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 98,737

Cum Cost to Date: 4,172,375

DFS: 51.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
2,082.00	2,088.20		8,500			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40		40		1.50		

SAFETY CHECKS

Date	Type	Des
3/12/2011	Safety Meeting	TRANSFERRING FUEL
3/13/2011	Safety Meeting	FACE SHEILD USE

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Vatt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/13/2011
Report #: 51.0
Depth Progress: 121.09

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 59,666
Cum Cost to Date: 4,232,040

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 52.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations				
Start Depth (mKB) 2,088.00	End Depth (mKB) 2,209.09	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Clear, snowed a few inches	Temperature (°C) -22	Lease Condition
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Operation at 6am
Drilling the lateral at 2235m

Operations Summary
Drilled from 2088m to 2209m As per the instruction of our Geologists. Spent 7 hrs sliding 13m. At the survey prior to midnight we are 2.07m above and 5.10 m left of the target line. We are still experiencing difficulty sliding and steering, Viscosified sweeps and EZ Drill additions do not seem to assist with this problem.

Operations Next Report Period
Drill ahead as per instruction from Geology

Remarks
Hauled 1 load of cuttings to CCS
Excess casing : 3 joints of 219mm on E-52.
106 joints of 114.3mm liner, the packers plus reamer and new jars were delivered by Withers LP, all excess casing from this well were returned to Grande Prairie.
Data log crew was mobilized from Calgary
Cameron Hills field communications issues were discussed at the morning field operations meetings as they are every day.

Avg Connection Gas (Units) 370.00	Avg Background Gas (Units) 35.00	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 33.0	Personnel Total Hours (hr) 792.00	Cum Personnel Total Hours (hr) 33,772.00
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:00	2.00	2.00	Drill	DRILL 156MM HOLE FROM 2088M-2110M
02:00	02:15	0.25	2.25	Rig Service	RIG SERVICE, FCT ANNULAR (8sec O/C)
02:15	06:00	3.75	6.00	Drill	DRILL 156MM HOLE FROM 2110M-2120M
06:00	06:15	0.25	6.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
06:15	11:00	4.75	11.00	Drill	DRILL 156MM HOLE FROM 2120M-2147M
11:00	15:00	4.00	15.00	Drill	DRILL 156MM HOLE F/ 2147M-2176M
15:00	15:15	0.25	15.25	Rig Service	RIG SERVICE, FUNCTION PIPE RAMS (3secs), HCR (2secs)
15:15	18:00	2.75	18.00	Drill	DRILL 156MM HOLE F/ 2176M-2189M
18:00	18:15	0.25	18.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
18:15	23:00	4.75	23.00	Drill	DRILL 156MM HOLE FROM 2189M-2209M

MUD CHECKS							
Low Gravity Solids (%) 1.0	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L) 1,600.000	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)	
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.5	Solids (%) 1.8	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)	
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost) 1,022.97	Cum Mud Field Est... 88,030.73			
Depth (mKB) 2,200.00	Density (kg/m³) 1030.0	Funnel Viscosity (s/L) 3,715	pH 10.0	PV Override (cp) 10.0	YP Override (Pa) 2.729		

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
DRISPAC	198.45	2.0
STARDRIL	146.07	4.0

MUD PUMPS			
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/13/2011
 Report #: 51.0
 Depth Progress: 121.09

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 59,666
 Cum Cost to Date: 4,232,040

DFS: 52.44days

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 127.0	Pump Rating (kW) 800.0	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa) 2,803	Slow Speed Check? Yes	Strokes (spm) 50	Volumetric Efficiency (%)
Pressure (kPa) 2,800	Slow Speed Check? Yes	Strokes (spm) 50	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run 7	Bit Type Bit	Size (mm) 156.0	Make ULTERRA	Model 155UD513	Serial Number U563	IADC Codes S132
Nozzles (mm) 14.0/14.0/14.0/14.0/1 2.0	Depth In (mKB) 2,082.00	Depth Out (mKB) 2,333.73	Depth Drilled (m) 251.93	Drilling Time (hr) 38.00	BHA ROP (m/hr) 6.6	IADC Bit Dull -----

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.70	5,028.63
Drill pipe - Stands			83	1,580.60	6,609.23
Drill pipe - Singles			1	9.13	5,018.93
Drill pipe - Stands			76	1,446.69	4,448.29
HWDP(4.0 IN)	64.0	102.0	60	561.51	5,009.80
Drill pipe - Stands			89	1,695.91	3,001.60
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,300.34
JARS-HYD/MECH	64.0	102.0	1	5.35	1,305.69
HWDP(4.0 IN)	64.0	102.0	10	93.63	738.83
JARS-HYD/MECH	64.0	102.0	1	5.35	626.00
DP(4.0")	84.0	102.0	2	19.20	645.20
HWDP(4.0 IN)	64.0	102.0	50	467.93	620.65
DP(4.0")	84.0	102.0	2	19.20	143.53
MONEL FLEX	68.0	120.0	1	9.19	152.72
120 SINGLES	84.0	102.0	1		124.33
MONEL FLEX	68.0	120.0	1	9.19	124.33
MONEL FLEX	68.0	121.0	1	9.31	115.14
JARS-HYD/MECH	64.0	102.0	1	5.35	105.83
MONEL FLEX	68.0	121.0	1	9.31	81.48
MONEL FLEX	68.0	120.0	1	9.35	90.83
2 SINGLES	84.0	102.0	1	9.65	100.48
MONEL FLEX	68.0	120.0	1	9.35	61.72
ORIENT SUB	64.0	120.0	1	0.85	62.57
DP(4.0")	84.0	102.0	1	9.60	72.17
ORIENT SUB	64.0	120.0	1	0.85	43.18
MOTOR HS	64.0	120.0	1	7.54	42.33
MONEL FLEX	68.0	120.0	1	9.19	52.37
MOTOR HS	64.0	120.0	1	7.54	25.48
MONEL FLEX	68.0	121.0	1	9.31	34.79
MONEL FLEX	68.0	120.0	1	9.35	17.94
ORIENT SUB		120.0	1	0.85	8.59
MOTOR LS	64.0	102.0	1	7.56	7.74



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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/13/2011
Report #: 51.0
Depth Progress: 121.09

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 59,666
Cum Cost to Date: 4,232,040

DFS: 52.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
2,088.00	2,147.00		9,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40		40		10.50		
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
2,147.00	2,209.09		9,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
70		70		7.00		

SAFETY CHECKS

Date	Type	Des
3/13/2011	Safety Meeting	AUTOMATIC START EQUIPMENT
3/14/2011	Safety Meeting	UNLOADING CASING

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (*/30m)
3/13/2011	2,157.21	92.00	178.80	1,422.30	-788.70	21.58	788.91	0.82
3/13/2011	2,162.85	92.30	178.10	1,422.09	-794.34	21.73	794.54	4.05
3/13/2011	2,172.48	92.30	177.70	1,421.70	-803.95	22.08	804.16	1.25
3/13/2011	2,181.11	92.70	178.80	1,421.33	-812.57	22.34	812.78	4.07
3/13/2011	2,191.53	92.60	178.40	1,420.84	-822.97	22.60	823.19	1.19

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/14/2011
Report #: 52.0
Depth Progress: 124.64

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 56,677
Cum Cost to Date: 4,288,717

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 53.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02	

Daily Operations

Start Depth (mKB) 2,209.09	End Depth (mKB) 2,333.73	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear, snowed a few inches	Temperature (°C) -27	Lease Condition
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Operation at 6am
Drilling the lateral at 2370m

Operations Summary
Drilled from 2209m to 2333m. As per the instruction of our Geologists. Spent 7.75 hrs sliding 20m. At the survey prior to midnight we were 1.50m above and 2.80m left of the target line. We are still experiencing difficulty sliding and steering, Rocking the string consistently while sliding is the only way to maintain WOB and a decent penetration rate.
Drilled through some large fractures gas peaked at 2900 units, average peaks 400 to 600 units.

Operations Next Report Period
Drill ahead as per instruction from Geology

Remarks
Hauled 1 load of cuttings to CCS
Excess casing : 3 joints of 219mm on E-52.

Cameron Hills field communications issues were discussed at the morning field operations meetings as they are on a daily basis.

Avg Connection Gas (Units) 400.00	Avg Background Gas (Units) 150.00	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 33.0	Personnel Total Hours (hr) 792.00	Cum Personnel Total Hours (hr) 34,564.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact Josh Blinston	Phone Mobile 403 510 0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:30	3.50	3.50	Drill	DRILL 156MM HOLE FROM 2209M-2224M
03:30	03:45	0.25	3.75	Rig Service	RIG SERVICE, GREASED DRAW WORKS, BREAK PINS AND LINKAGES, TABLE, BLOCKS, DRIVE LINE, WASH PIPE. CHECKED ALL OILS
03:45	07:00	3.25	7.00	Drill	DRILL 156MM HOLE FROM 2224M-2240M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
07:15	12:00	4.75	12.00	Drill	DRILL 156MM HOLE FROM 2240M- 2263M
12:00	18:45	6.75	18.75	Drill	DRILL 156MM HOLE FROM 2263M-2311M
18:45	19:00	0.25	19.00	Rig Service	RIG SERVICE, FUNC. PIPE RAMS (3secs O/C), HCR (2secs O/C), GREASED SWIVEL, KELLY SPINNER, ROTARY TABLE, KELLY BUSHINGS, DRIVELINE, BRAKE LINKAGES AND DRAWWORKS. CHECKED ALL OILS
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING W/ BOTH CREWS
19:15	00:00	4.75	24.00	Drill	DRILL 156MM HOLE FROM 2311M-2333m

MUD CHECKS

Low Gravity Solids (%) 44.9	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L) 1,100.000	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.3	Solids (%) 1.8	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost) 5,112.93	Cum Mud Field Est... 93,143.66	
Depth (mKB) 2,300.00	Density (kg/m³) 1030.0	Funnel Viscosity (s/L) 3,370	pH 10.0	PV Override (cp) 10.0	YP Override (Pa) 2.729	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
DRISPAC	198.45	2.0
STARDRIL	146.07	32.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/14/2011
Report #: 52.0
Depth Progress: 124.64

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 56,677
Cum Cost to Date: 4,288,717

DFS: 53.44days

Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)	127.0	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
Pump Number 1	Rod Diameter (mm)		Pump Rating (kW)
Pressure (kPa) 2,800	Slow Speed Check? Yes	Strokes (spm)	Volumetric Efficiency (%) 50
Pressure (kPa) 3,360	Slow Speed Check? Yes	Strokes (spm)	Volumetric Efficiency (%) 55

BIT SUMMARY

Bit Run 7	Bit Type Bit	Size (mm) 156.0	Make ULTERRA	Model 155UD513	Serial Number U563	IADC Codes S132
Nozzles (mm) 14.0/14.0/14.0/14.0/1 2.0	Depth In (mKB) 2,082.00	Depth Out (mKB) 2,333.73	Depth Drilled (m) 251.93	Drilling Time (hr) 38.00	BHA ROP (m/hr) 6.6	IADC Bit Dull -----

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.70	5,028.63
Drill pipe - Stands			83	1,580.60	6,609.23
Drill pipe - Singles			1	9.13	5,018.93
Drill pipe - Stands			76	1,446.69	4,448.29
HWDP(4.0 IN)	64.0	102.0	60	561.51	5,009.80
Drill pipe - Stands			89	1,695.91	3,001.60
HWDP(4.0 IN)	64.0	102.0	60	561.51	1,300.34
JARS-HYD/MECH	64.0	102.0	1	5.35	1,305.69
HWDP(4.0 IN)	64.0	102.0	10	93.63	738.83
JARS-HYD/MECH	64.0	102.0	1	5.35	626.00
DP(4.0")	84.0	102.0	2	19.20	645.20
HWDP(4.0 IN)	64.0	102.0	50	467.93	620.65
DP(4.0")	84.0	102.0	2	19.20	143.53
MONEL FLEX	68.0	120.0	1	9.19	152.72
120 SINGLES	84.0	102.0	1		124.33
MONEL FLEX	68.0	120.0	1	9.19	124.33
MONEL FLEX	68.0	121.0	1	9.31	115.14
JARS-HYD/MECH	64.0	102.0	1	5.35	105.83
MONEL FLEX	68.0	121.0	1	9.31	81.48
MONEL FLEX	68.0	120.0	1	9.35	90.83
2 SINGLES	84.0	102.0	1	9.65	100.48
MONEL FLEX	68.0	120.0	1	9.35	61.72
ORIENT SUB	64.0	120.0	1	0.85	62.57
DP(4.0")	84.0	102.0	1	9.60	72.17
ORIENT SUB	64.0	120.0	1	0.85	43.18
MOTOR HS	64.0	120.0	1	7.54	42.33
MONEL FLEX	68.0	120.0	1	9.19	52.37
MOTOR HS	64.0	120.0	1	7.54	25.48
MONEL FLEX	68.0	121.0	1	9.31	34.79
MONEL FLEX	68.0	120.0	1	9.35	17.94
ORIENT SUB		120.0	1	0.85	8.59
MOTOR LS	64.0	102.0	1	7.56	7.74



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/14/2011
 Report #: 52.0
 Depth Progress: 124.64

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 56,677
 Cum Cost to Date: 4,288,717

DFS: 53.44days

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
2,209.09	2,263.00		8,500			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40		40		11.50		
Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
2,263.00	2,333.73		6,500			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		
40		40		7.50		

SAFETY CHECKS

Date	Type	Des
3/14/2011	Safety Meeting	WORKING WITH VAC TRUCK
3/15/2011	Safety Meeting	ELECTRICAL

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/14/2011	2,278.19	89.90	182.10	1,420.17	-909.59	21.91	909.80	1.28
3/14/2011	2,287.56	88.80	182.10	1,420.27	-918.96	21.57	919.16	3.52
3/14/2011	2,297.19	87.80	182.90	1,420.56	-928.57	21.15	928.77	3.99
3/14/2011	2,306.79	88.10	182.90	1,420.90	-938.16	20.67	938.34	0.94
3/14/2011	2,316.43	88.80	183.50	1,421.16	-947.78	20.13	947.95	2.87

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/15/2011
Report #: 53.0
Depth Progress: 201.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 56,677
Cum Cost to Date: 4,345,394

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 54.44days
Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02		

Daily Operations

Start Depth (mKB) 2,333.00	End Depth (mKB) 2,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -19	Lease Condition
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Operation at 6am

Tripping out at TD - 2534m MD

Operations Summary

Drilled from 2333m to 2520m as per the instruction of our Geologists. Spent 8 hrs sliding 19.50m. At the survey prior to midnight we were .38m above and 2.36m right of the target line. Midnight survey depth 2506.46m, Inc 90.8, Azi 180.6, TVD 1421.62m We continued to experience difficulty sliding and steering, Rocking the string consistently while sliding is the only way to maintain WOB and a decent penetration rate.

Operations Next Report Period

Lay down singles for the reamer/logging run, lay down directional tools

Remarks

Hauled 1 load of cuttings to CCS
Excess casing : 3 joints of 219mm on E-52.

Cameron Hills field communications issues were discussed at the morning field operations meetings as they are on a daily basis.

Avg Connection Gas (Units) 500.00	Avg Background Gas (Units) 260.00	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 33.0	Personnel Total Hours (hr) 792.00	Cum Personnel Total Hours (hr) 35,356.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact John Williams	Phone Mobile 403-510-0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	03:45	3.75	3.75	Drill	DRILL 156MM HOLE FROM 2333M-2358M
03:45	04:00	0.25	4.00	Rig Service	RIG SERVICE, GREASED DRIVE LINE, DRAW WORKS, TABLE, KELLY BUSHINGS, BREAK PINS AND LINKAGES. CHECKED ALL OILS. F.T. CROWN SAVER. F.T. PIPE RAMS 3 SECS TO CLOSE
04:00	07:00	3.00	7.00	Drill	DRILL 156MM HOLE FROM 2358M-2377M
07:00	07:15	0.25	7.25	Safety meeting	SAFETY MEETING W/ BOTH CREWS
07:15	12:00	4.75	12.00	Drill	DRILL 156MM HOLE FROM 2377M-2422M
12:00	15:30	3.50	15.50	Drill	DRILL 156MM HOLE FROM 2425M-2463M
15:30	15:45	0.25	15.75	Rig Service	RIG SERVICE FUNCTION ANNULAR 8 SECS O/C, HCR 2 SECS O/C
15:45	17:00	1.25	17.00	Drill	DRILL 156MM HOLE FROM 2463M-2479M
17:00	17:15	0.25	17.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
17:15	19:00	1.75	19.00	Drill	DRILL 156MM HOLE FROM 2479M-2480M
19:00	19:15	0.25	19.25	Safety meeting	SAFETY MEETING WITH BOTH CREWS
19:15	00:00	4.75	24.00	Drill	DRILL 156MM HOLE FROM 2480M-2520M

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...	1,795.43	94,939.09
Depth (mKB) 2,501.00	Density (kg/m³) 1030.0	Funnel Viscosity (s/L) 38	pH 10.5	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAL CARB 325	9.80	22.0
CAUSTIC	41.79	2.0
KELZAN	498.75	1.0
KELZAN	498.75	2.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/15/2011
Report #: 53.0
Depth Progress: 201.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 56,677
Cum Cost to Date: 4,345,394

DFS: 54.44days

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)

BIT SUMMARY

Bit Run 7	Bit Type Bit	Size (mm) 156.0	Make ULTERRA	Model 155UD513	Serial Number U563	IADC Codes S132
Nozzles (mm)	Depth In (mKB) 2,333.00	Depth Out (mKB) 2,534.00	Depth Drilled (m) 201.00	Drilling Time (hr) 19.00	BHA ROP (m/hr) 10.6	IADC Bit Dull 2-2-WT-S-X-0-CT-TD

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			99	1,885.94	2,508.49
HWDP(4.0 IN)	64.0	102.0	10	93.63	622.55
HWDP(4.0 IN)	64.0	102.0	50	467.93	528.92
120 SINGLES	84.0	102.0	1		60.99
JARS-HYD/MECH	64.0	102.0	1	5.35	60.99
2 SINGLES	84.0	102.0	1	9.65	55.64
DP(4.0")	84.0	102.0	1	9.60	45.99
MONEL FLEX	68.0	120.0	1	9.19	36.39
MONEL FLEX	68.0	121.0	1	9.31	27.20
MONEL FLEX	68.0	120.0	1	9.35	17.89
ORIENT SUB		120.0	1	0.85	8.54
MOTOR LS	64.0	102.0	1	7.56	7.69

DRILLING SUMMARY

Start Depth (mKB) 2,333.00	End Depth (mKB) 2,425.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 9,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 40	Motor RPM (rpm)	Bit RPM (rpm) 40	Slack-Off String Weight (daN)	Drilling Time (hr) 11.50		
Start Depth (mKB) 2,425.00	End Depth (mKB) 2,534.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 8,500	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 40	Motor RPM (rpm)	Bit RPM (rpm) 40	Slack-Off String Weight (daN)	Drilling Time (hr) 7.50		

SAFETY CHECKS

Date	Type	Des
3/15/2011	Safety Meeting	WELL CONTROL

SAFETY INCIDENTS

Date	Com	Type
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WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)
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SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/15/2011	2,458.89	91.30	180.40	1,423.48	-1,090.05	14.42	1,090.14	2.07
3/15/2011	2,468.55	91.90	180.60	1,423.21	-1,099.70	14.33	1,099.80	1.96



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/15/2011

Report #: 53.0

Depth Progress: 201.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 56,677

Cum Cost to Date: 4,345,394

DFS: 54.44days

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
3/15/2011	2,478.15	91.00	180.50	1,422.97	-1,109.30	14.24	1,109.39	2.83
3/15/2011	2,487.23	91.00	180.20	1,422.81	-1,118.38	14.19	1,118.47	0.99
3/15/2011	2,496.85	90.60	180.60	1,422.67	-1,128.00	14.12	1,128.08	1.76

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/16/2011

Report #: 54.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 52,516

Cum Cost to Date: 4,397,910

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 55.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations				
Start Depth (mKB) 2,534.00	End Depth (mKB) 2,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00	

Weather Overcast	Temperature (°C) -12	Lease Condition Good
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Operation at 6am
Reaming at 1760m
Operations Summary
Drill from 2520m - 2534m. Tripped out of the hole and layed down singles for reaming. Make up reaming BHA and trip in the hole drifting pipe in the derrick
Operations Next Report Period
Ream out the open hole section
Remarks

Avg Connection Gas (Units)	Avg Background Gas (Units) 220.00	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 30.0	Personnel Total Hours (hr) 720.00	Cum Personnel Total Hours (hr) 36,076.00	

DAILY CONTACTS		
Title Drilling Foreman	Job Contact John Williams	Phone Mobile 403-510-0568

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:15	2.25	2.25	DRILL ACTUAL	Drill 156mm hole from 2526m - 2534m
02:15	03:00	0.75	3.00	COND MUD & CIRC	Circulate bottoms up and prepare to trip out of the hole
03:00	07:00	4.00	7.00	TRIPS	Drop pipe drift. Trip out of the hole from 2534m - 1241m. Flow check well at 2572m, 2402m, and 1530m
07:00	07:15	0.25	7.25	SAFETY MEETING	Safety meeting with both crews
07:15	12:45	5.50	12.75	TRIPS	Trip out of the hole from 1241m and lay down drill pipe for reaming.
12:45	14:00	1.25	14.00	Install New Downhole Assembly	Strap and make up tools for reaming
14:00	14:15	0.25	14.25	SAFETY MEETING	Safety meeting with rig crew and service company personnel to discuss procedures for drifting pipe from the derrick and picking up the reaming BHA
14:15	22:00	7.75	22.00	TRIPS	Trip in the hole with reamer assembly, strapping and drifting pipe from the derrick. Found stuck pipe drift at 703m. Fill pipe and flow check well at 300m and 1115m
22:00	22:15	0.25	22.25	Safety Meeting	Safety meeting with both crews
22:15	22:30	0.25	22.50	TRIPS	Trip in the hole to 1621m. Flow check well
22:30	23:00	0.50	23.00	REAMING	Ream from 1621m - 1635m. Drift each single when picked up

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio 0/100	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Slab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.2	Solids (%) 1.8	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³) 11.00	Cum Mud Lost to Hole (m³) 11.00	Daily Mud Field Est (Cost) 832.68	Cum Mud Field Est... 95,771.77		
Depth (mKB) 2,534.00	Density (kg/m³) 1030000.0	Funnel Viscosity (s/L) 3,197	pH 9.5	PV Override (cp) 10.0	YP Override (Pa) 2,298	

MUD ADDITIVES		
Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
KELZAN	498.75	1.0
TARDRIL	146.07	2.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/16/2011
 Report #: 54.0
 Depth Progress: 0.00

Business Unit: NE BC & NWT COU
 Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
 AFE Number: 10N110009
 Daily Cost: 52,516
 Cum Cost to Date: 4,397,910

DFS: 55.44days

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		127.0
		800.0
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
3,360	Yes	55
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
3,360	Yes	55

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
3/16/2011	Safety Meeting	Safety meeting on drifting pipe in the derrick
3/16/2011	Safety Meeting	CREW CHANGE AND LAYING DOWN DRILL PIPE
3/16/2011	Safety Meeting	Safety Meeting on picking up tools

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/17/2011
Report #: 55.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 97,050
Cum Cost to Date: 4,494,960

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 56.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 2,534.00	End Depth (mKB) 2,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Overcast - Snowed 5 cm	Temperature (°C) -13	Lease Condition Good
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Operation at 6am
Reaming at 2386m

Operations Summary
Reaming from 1635m - 2228m

Operations Next Report Period
Complete reaming operations. Trip out of hole and log with Datalog. Lay down portion of drill string not required for running liner

Remarks

Avg Connection Gas (Units) 11.00	Avg Background Gas (Units) 11.00	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 32.0	Personnel Total Hours (hr) 768.00	Cum Personnel Total Hours (hr) 36,844.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact John Williams	Phone Mobile 403-510-0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
0:00	07:00	7.00	7.00	REAMING	Ream from 1635m - 1800m
07:00	07:15	0.25	7.25	SAFETY MEETING	Safety Meeting with both crews and service hands
07:15	14:00	6.75	14.00	REAMING	Ream from 1800m - 1955m
14:00	14:15	0.25	14.25	LUBRICATE RIG	Rig Service and function annular preventer (8 sec)
14:15	19:00	4.75	19.00	REAMING	Ream from 1955m - 2088m
19:00	19:15	0.25	19.25	SAFETY MEETING	Safety meeting with both rig crews and service hands
19:15	00:00	4.75	24.00	REAMING	Ream from 2088m - 2228m

MUD CHECKS

Low Gravity Solids (%) 1.2	MBT (kg/m³)	Oil Water Ratio 0/100	Chlorides (mg/L) 1,300.000	Calcium (mg/L) 100.000	Lime (kg/m³)	Potassium (mg/L)
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Electric Stab (V)	ECD - Manual Entry (kg/m³) 1122000.0	Sand (%) 0.3	Solids (%) 1.2	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
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Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³) 11.00	Daily Mud Field Est (Cost) 2,320.77	Cum Mud Field Est... 98,092.54
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Depth (mKB) 2,534.00	Density (kg/m³) 1020000.0	Funnel Viscosity (s/L) 3,283	pH 10.0	PV Override (cp) 10.0	YP Override (Pa) 2.538
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MUD ADDITIVES

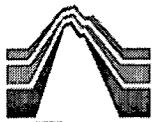
Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	1.0
DRISPAC	198.45	1.0
KELZAN	498.75	1.0
KELZAN	498.75	2.0
STARDRIL	146.07	4.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
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Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
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Pump Number 1	Rod Diameter (mm) 127.0	Pump Rating (kW) 800.0
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Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/17/2011

Report #: 55.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 97,050

Cum Cost to Date: 4,494,960

DFS: 56.44days

Pressure (kPa)	Slow Speed Check? Yes	Strokes (spm) 55	Volumetric Efficiency (%) 98
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa) 3,360	Slow Speed Check? Yes	Strokes (spm) 55	Volumetric Efficiency (%)
Pressure (kPa) 3,360	Slow Speed Check? Yes	Strokes (spm) 55	Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
3/17/2011	Safety Meeting	Safety Meeting on picking up tools
17/2011	Safety Meeting	Safety Meeting on picking up tools

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/18/2011
Report #: 56.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 71,261
Cum Cost to Date: 4,566,221

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 57.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02	

Daily Operations

Start Depth (mKB) 2,534.00	End Depth (mKB) 2,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Overcast - Snowed 7 cm	Temperature (°C) -22	Lease Condition Good
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Operation at 6am

Tripping in the hole to rerun the Datalog tool. Datalog tool was stuck in the drill pipe at 904m.

Operations Summary

Reaming from 2228m - 2534m. Circulate bottoms up. Calibrate logging tools and drop into pipe. Trip out of hole and log with Datalog from 2534m - 1149m

Operations Next Report Period

Complete logging operations with Datalog. Make up Packers Plus assembly and run in hole with 114mm liner.

Remarks

Avg Connection Gas (Units) 11.00	Avg Background Gas (Units) 11.00	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 35.0	Personnel Total Hours (hr) 768.00	Cum Personnel Total Hours (hr) 37,612.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact John Williams	Phone Mobile 403-510-0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	07:00	7.00	7.00	REAMING	Ream from 2228m - 2411m
07:00	07:15	0.25	7.25	SAFETY MEETING	Safety meeting with both crews
07:15	13:30	6.25	13.50		Ream from 2411m - 2534m
13:30	15:30	2.00	15.50	COND MUD & CIRC	Circulate hole clean and pump down Datalog logging tools
15:30	15:45	0.25	15.75	SAFETY MEETING	Safety meeting with rig crew and Datalog
15:45	19:00	3.25	19.00	WIRELINE LOGS	Logging while tripping from 2534m - 2320m. Flow check well at 2532m, 2436m, 2320m
19:00	19:15	0.25	19.25	SAFETY MEETING	Safety meeting with both crews
19:15	00:00	4.75	24.00	WIRELINE LOGS	Logging while tripping from 2320m - 1150m. Flow check well at 1150m

MUD CHECKS

Low Gravity Solids (%) 2.0	MBT (kg/m³)	Oil Water Ratio 0/100	Chlorides (mg/L) 1,350.000	Calcium (mg/L) 120.000	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³) 1178000.0	Sand (%) 0.3	Solids (%) 2.1	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³) 11.00	Daily Mud Field Est (Cost) 989.34	Cum Mud Field Est... 99,081.88		
Depth (mKB) 2,534.00	Density (kg/m³) 1035000.0	Funnel Viscosity (s/L) 3,888	pH 10.0	PV Override (cp) 10.0	YP Override (Pa) 4.118	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
DRISPAC	198.45	1.0
KELZAN	498.75	1.0
STARDRIL	146.07	2.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/18/2011

Report #: 56.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 71,261

Cum Cost to Date: 4,566,221

DFS: 57.44days

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
3/18/2011	Safety Meeting	Tripping and laying down drill string
3/18/2011	Safety Meeting	Procedures for logging while tripping
3/18/2011	Safety Meeting	Safety Meeting on logging while tripping

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/19/2011
Report #: 57.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 54,621
Cum Cost to Date: 4,620,842

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45		Rig Release Date 3/21/2011 12:00		DFS: 58.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 2,534.00	End Depth (mKB) 2,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
Weather Clear	Temperature (°C) -23	Lease Condition Good	
Operation at 6am Running packer assembly and 114mm liner to 837m			
Operations Summary Logging while tripping to 940m. Found logging tool stuck in drill pipe. Removed logging tool and layed down single. Tripped in the hole to 2534m. Circulated bottoms up. Drop and pump down logging tool. Logging while tripping out of the hole. Rig up the floor to run Packer Plus assembly and 114mm liner.			
Operations Next Report Period Run in the hole with Packers Plus packer assembly and 114mm liner. Circulate bottoms up. Displace liner annulus to fresh water. Hang liner. Pressure test liner. Pull out of liner and displace well to fresh water. Lay down drill pipe. Clean tanks. Release rig.			
Remarks Non Operational time while logging = 16 hr. Backhauled Phoenix directional tools and one load of rental drill pipe.			
Avg Connection Gas (Units) 11.00	Avg Background Gas (Units) 11.00	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 36.0	Personnel Total Hours (hr) 864.00	Cum Personnel Total Hours (hr) 38,476.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact John Williams	Phone Mobile 403-510-0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	01:30	1.50	1.50	WIRELINE LOGS	Logging while tripping from 1150m - 943m. Flow check well at 943m
01:30	02:00	0.50	2.00	WIRELINE LOGS	Recover top section of logging tool stuck in drill pipe at 940m
02:00	02:15	0.25	2.25	WIRELINE LOGS	Safety Meeting with rig crew and Datalog to discuss procedures for removing a source
02:15	02:45	0.50	2.75	WIRELINE LOGS	Remove lower section of logging tool from drill string.
02:45	07:00	4.25	7.00	TRIPS	Trip in the hole from 943m - 2534m. Flow check well at 943m, 1530m, and 2000m. Fill pipe at 2000m.
07:00	07:15	0.25	7.25	SAFETY MEETING	Safety meeting with both rig crews and service personnel.
07:15	07:45	0.50	7.75	COND MUD & CIRC	Circulate hole clean and rig up Datalog equipment.
07:45	09:15	1.50	9.25	WIRELINE LOGS	Drop logging tool and pump down. Repeat section of 60m
09:15	17:15	8.00	17.25	WIRELINE LOGS	Logging while tripping from 2534m - 1009m. Flow check well at 2006m and 1516m
17:15	17:30	0.25	17.50	SAFETY MEETING	Safety meeting to discuss procedures for laying down drill pipe
17:30	19:00	1.50	19.00	WIRELINE LOGS	Logging while laying down drill pipe from 1009m - 693m
19:00	19:15	0.25	19.25	SAFETY MEETING	Safety meeting with both crews to discuss operations
19:15	21:45	2.50	21.75	WIRELINE LOGS	Logging while laying down drill pipe from 693m - 33m
21:45	22:00	0.25	22.00	SAFETY MEETING	Safety meeting with rig crew and Datalog to discuss procedures for lay removing and laying down a radioactive source.
22:00	23:00	1.00	23.00	WIRELINE LOGS	Lay down Datalog tools and clean drill floor. Hole fill calculations 8.2m3, measured hole fill 14.70m3. Flow check well when out of hole.



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resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/19/2011

Report #: 57.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 54,621

Cum Cost to Date: 4,620,842

DFS: 58.44days

TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
23:00	23:15	0.25	23.25	SAFETY MEETING	Safety meeting with rig crew, Packers Plus, and Total Depth power tong personnel to discuss procedures for rigging up to run 114mm liner and packer assembly
23:15	00:00	0.75	24.00	RUN CASING & CEMENT	Rig up to run 114mm liner and packer assembly.

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull	

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
3/19/2011	Safety Meeting	Safety Meeting on logging while tripping
3/19/2011	Safety Meeting	Operational
3/19/2011	Safety Meeting	Radioactive Sources
3/19/2011	Safety Meeting	Power tongs and picking Tools

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/19/2011

Report #: 57.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 54,621

Cum Cost to Date: 4,620,842

DFS: 58.44days

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/20/2011
Report #: 58.0
Depth Progress: 0.00

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 485,699
Cum Cost to Date: 5,106,541

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 59.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22		KB-Casing Flange Distance (m) 5.02

Daily Operations

Start Depth (mKB) 2,534.00	End Depth (mKB) 2,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
Weather Clear	Temperature (°C) -18	Lease Condition Good	
Operation at 6am Rigging down to move. Trucks ordered for this morning			
Operations Summary Run in the hole with Packers Plus packer assembly and 114mm liner. Circulate bottoms up. Displace liner annulus to fresh water. Hang liner. Pressure test liner. Pull out of liner and displace well to fresh water. Lay down drill pipe. Clean mud tanks. Rig down. Mud product reconciled.			
Operations Next Report Period Lay down HWDP. Rig down BOP Equipment. Release rig. Rig down. Move rig to E-52 location			
Remarks Removed one load of mixed off drill cuttings.			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count 32.0	Personnel Total Hours (hr) 768.00	Cum Personnel Total Hours (hr) 39,244.00	

DAILY CONTACTS

Title Drilling Foreman	Job Contact John Williams	Phone Mobile 403-510-0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	00:30	0.50	0.50	RUN CASING & CEMENT	Rig up to run casing and packer assembly
00:30	07:00	6.50	7.00	RUN CASING & CEMENT	Make up and run Packers Plus 8 stage assembly and 114.3mm liner.
07:00	07:30	0.50	7.50	SAFETY MEETING	Safety meeting with both rig crew s, power tong personnel, and Packers Plus personnel. Discussed operations for the next 12 hours
07:30	14:30	7.00	14.50	RUN CASING & CEMENT	Run 114mm liner to 2529m. Flow check well and circulate casing at 980m, 1515m
14:30	15:30	1.00	15.50	RUN CASING & CEMENT	Circulate hole clean
15:30	15:45	0.25	15.75	SAFETY MEETING	Safety meeting with rig crew, BJ Service, and Packers Plus. Discussed procedures for setting liner, pressure testing, and displacing the liner to fresh water.
15:45	19:00	3.25	19.00	RUN CASING & CEMENT	Pump 11m3 water, drop set ball, pump 13.6m3 of water to seat ball. Pressure drill pipe to 13mpa and conduct two 25 daN push - pulls on hanger. Close pipe rams and test annulus to 10mpa for 10 minutes. Pressure drill pipe to 20mpa and set packer. Pressure annulus to 18mpa and pull of liner hanger. Displace hole with 18.6m3 of water.
19:00	19:15	0.25	19.25	SAFETY MEETING	Safety meeting with both rig crews and service personnel. Discussed operations for the next 12 hours
19:15	19:30	0.25	19.50		Rig out BJ equipment.
19:30	00:00	4.50	24.00	TRIPS	Trip out of the hole and lay down drill string. Flow check well at 1500m, 500m

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Field Est (Cost)		Cum Mud Field Est...
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAL CARB 10'	9.80	112.0
CAL CARB 325	9.80	23.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Report For: 3/20/2011

Report #: 58.0

Depth Progress: 0.00

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 485,699

Cum Cost to Date: 5,106,541

DFS: 59.44days

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
CAUSTIC	41.79	-1.0
DESCO	80.22	2.0
DRISPAC	198.45	-1.0
ENVIROFLOC	40.82	40.0
EZ DRILL	1,922.80	2.0
SODIUM BICARBONATE	29.59	-1.0
STARDRIL	146.07	-3.0
ULTRAFLOC	133.01	-9.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)		Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des
3/20/2011	Safety Meeting	Operational and Power Tongs
3/20/2011	Safety Meeting	Operational - Laying down drill string
3/20/2011	Safety Meeting	Pressure Testing with BJ

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU

Rig: 24 NABORS DRILLING

Report For: 3/20/2011

Report #: 58.0

Depth Progress: 0.00

Total AFE Amount: 2,535,440

AFE Number: 10N110009

Daily Cost: 485,699

Cum Cost to Date: 5,106,541

DFS: 59.44days

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Sulphur Point Dol	1,483.50	1,415.93



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/21/2011
Report #: 59.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 317,670
Cum Cost to Date: 5,424,211

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	Operator PARAMOUNT RESOURCES LTD.
Spud Date 1/20/2011 23:45			Rig Release Date 3/21/2011 12:00	DFS: 60.44days
Ground Elevation (m) 770.20		Original KB Elevation (m) 777.22	KB-Casing Flange Distance (m) 5.02	

Daily Operations

Start Depth (mKB) 2,534.00	End Depth (mKB) 2,534.00	Target Formation Sulphur Point	Target Depth (mKB) 2,534.00
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Weather Clear	Temperature (°C) -4	Lease Condition Good
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Operation at 6am

Operations Summary

Lay down HWDP. Rig down BOP Equipment. Release rig at 12:00 hr. Rig down. Move rig to E-52 location

Operations Next Report Period

Remarks

FINAL REPORT

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count 39.0	Personnel Total Hours (hr) 468.00	Cum Personnel Total Hours (hr) 39,712.00
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DAILY CONTACTS

Title Drilling Foreman	Job Contact John Williams	Phone Mobile 403-510-0568
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TIME LOG SUMMARY

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 2	Com
00:00	02:00	2.00	2.00	TRIPS	Lay down HWDP and Liner Hanger running tool
02:00	06:45	4.75	6.75	Remove BOP's	Nipple down BOP, flare tank, flare lines, and degasser lines
06:45	07:00	0.25	7.00	SAFETY MEETING	Safety Meeting with both crews to discuss operations for the next 12 hours
07:00	08:00	1.00	8.00	Remove BOP's	Nipple down BOP and DSA and hang stack on carrier
08:00	12:00	4.00	12.00	RIGUP & TEARDOWN	Rig down floor, water and steam lines, and lay over derrick. Rig Released at 12:00hr

MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)	Daily Mud Field Est (Cost)	Cum Mud Field Est...		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Des	Field Est (Cost/unit)	Consumed
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MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check?	Strokes (spm)
Volumetric Efficiency (%)		



Daily Drilling

Well Name: PARA ET AL CAMERON 2H-03 HZ

Business Unit: NE BC & NWT COU
Rig: 24 NABORS DRILLING

Report For: 3/21/2011
Report #: 59.0
Depth Progress: 0.00

Total AFE Amount: 2,535,440
AFE Number: 10N110009
Daily Cost: 317,670
Cum Cost to Date: 5,424,211

DFS: 60.44days

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
Nozzles (mm)	Depth In (mKB)Depth Out (mKB)		Depth Drilled (m)	Drilling Time (hr)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Des	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

DRILLING SUMMARY

Start Depth (mKB)	End Depth (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off String Weight (daN)	Drilling Time (hr)		

SAFETY CHECKS

Date	Type	Des

SAFETY INCIDENTS

Date	Com	Type

WELL CONTROL SUMMARY

Run Date	Csg Des	OD (mm)	Set Depth (mKB)	Vol Pumped (m³)	P LeakOff (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top (TVD) (mKB)
Slave Point Fm	1,353.00	1,346.33
F4 Marker	1,412.00	1,388.48
Watt Mtn Fm	1,425.50	1,395.68
Sulphur Point Lst	1,433.00	1,399.33
Sulphur Point Dol	1,483.50	1,415.93



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Casing

Surface

Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Wellbore					
Wellbore Name Original Hole				Kick Off Depth (mKB) 1,270.00	
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)	Start Date	End Date
Surface	311.0	7.20	361.00	1/21/2011	1/21/2011

Wellhead					
Type Casing Head	Install Date 1/23/2011	Service Sour	Comment ABB VETCO 279mmX20,700 X 244.5mmSOW PSL-1 WITH 2 SSO FLANGED OUTLETS (52mmX34.5mPa) Serial Number: (Bowl): SN-421261-01 CR21030357001 Casing Slip Assembly VGCS11 (279.4mm) x 7 (177.8mm) Manual PSL-1 SN-CW48917-59		

Wellhead Components					
Des	Make	Model	SN	WP Top (kPa)	
ABB Vetco FC-29 Bowl	Vetco	FC-29	421261-01	21,000	

Casing					
Casing Description Surface	Set Depth (mKB) 360.00	Run Date 1/22/2011	Set Tension (daN) 17.0		
Centralizers 14	Scratchers None				

Casing Components												
Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN-m)	Class	Max OD (mm)	ID (mm)
Casing Joints	244.5	48.100	H-40		26	338.29	7.20	345.49				226.6
Float Collar	244.5	48.100	H-40		1	0.50	345.49	345.99				226.6
Casing Joints	244.5	48.100	H-40		1	13.43	345.99	359.42				226.6
Float Shoe	244.5				1	0.58	359.42	360.00				



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Casing

Intermediate

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

API/UW 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Wellbore

Wellbore Name Original Hole			Kick Off Depth (mKB) 1,270.00		
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)	Start Date	End Date
Surface	311.0	7.20	361.00	1/21/2011	1/21/2011
Intermediate 1	222.0	361.00	1,534.00	1/25/2011	3/4/2011

Wellhead

Type Casing Head	Install Date 1/23/2011	Service Sour	Comment ABB VETCO 279mmX20,700 X 244.5mmSOW PSL-1 WITH 2 SSO FLANGED OUTLETS (52mmX34.5mPa) Serial Number: (Bowl): SN-421261-01 CR21030357001 Casing Slip Assembly VGCS11 (279.4mm) x 7 (177.8mm) Manual PSL-1 SN-CW48917-59
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Wellhead Components

Des	Make	Model	SN	WP Top (kPa)
ABB Vetco FC-29 Bowl	Vetco	FC-29	421261-01	21,000

Casing

Casing Description Intermediate	Set Depth (mKB) 1,531.00	Run Date 3/7/2011	Set Tension (daN) 44.0
Centralizers 37	Scratchers None		

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN-m)	Class	Max OD (mm)	ID (mm)
Casing Joints	177.8	34.228	L-80	LT&C	121	1,495.32	7.20	1,502.52				161.7
Float Collar	177.8			LT&C	1	0.42	1,502.52	1,502.94				
Float Collar	177.8			LT&C	1	0.44	1,502.94	1,503.38				
Casing Joints	177.8	34.228	L-80	LT&C	1	13.57	1,503.38	1,516.95				161.7
Casing Joints	177.8	34.228	L-80	LT&C	1	13.57	1,516.95	1,530.52				161.7
Float Shoe				LT&C	1	0.00	1,530.52	1,530.52				
Float Shoe				LT&C	1	0.48	1,530.52	1,531.00				



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Casing

Liner

Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Wellbore

Wellbore Name Original Hole			Kick Off Depth (mKB) 1,270.00		
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)	Start Date	End Date
Surface	311.0	7.20	361.00	1/21/2011	1/21/2011
Intermediate 1	222.0	361.00	1,534.00	1/25/2011	3/4/2011
Lateral	156.0	1,534.00	2,534.00	3/8/2011	3/16/2011

Wellhead

Type Casing Head	Install Date 1/23/2011	Service Sour	Comment ABB VETCO 279mmX20,700 X 244.5mmSOW PSL-1 WITH 2 SSO FLANGED OUTLETS (52mmX34.5mPa) Serial Number: (Bowl): SN-421261-01 CR21030357001 Casing Slip Assembly VGCS11 (279.4mm) x 7 (177.8mm) Manual PSL-1 SN-CW48917-59
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Wellhead Components

Des	Make	Model	SN	WP Top (kPa)
ABB Vetco FC-29 Bowl	Vetco	FC-29	421261-01	21,000

Casing

Casing Description Liner	Set Depth (mKB) 2,529.00	Run Date 3/19/2011	Set Tension (daN)
Centralizers None	Scratchers None		

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN·m)	Class	Max OD (mm)	ID (mm)
4"FH x 3 1/2IF X/O	114.3	17.263	L-80	LT&C	1	0.44	1,502.88	1,503.32	302			101.6
4" FH Handling Pup	114.3	17.263	L-80	LT&C	1	1.42	1,503.32	1,504.74	302			101.6
Centralizer	114.3	17.263	L-80	LT&C	1	0.51	1,504.74	1,505.25	302			101.6
Setting Tool	114.3	17.263	L-80	LT&C	1	1.55	1,505.25	1,506.80	302			101.6
Liner Hanger Packer	114.3	17.263	L-80	LT&C	1	1.75	1,506.80	1,508.55	302			101.6
Acme x LTC X/O	114.3	17.263	L-80	LT&C	1	0.31	1,508.55	1,508.86	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,508.86	1,509.80	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	3	40.46	1,509.80	1,550.26	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,550.26	1,552.11	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,552.11	1,553.70	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,553.70	1,556.49	302			101.6
Seat Assembly - 2.375"	114.3	17.263	L-80	LT&C	1	0.42	1,556.49	1,556.91	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,556.91	1,557.85	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	1,557.85	1,584.83	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,584.83	1,585.11	302			101.6
Casing Joints - Pup	114.3	17.263	L-80	LT&C	1	2.82	1,585.11	1,587.93	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	1,587.93	1,601.42	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,601.42	1,601.70	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.42	1,601.70	1,615.12	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,615.12	1,615.40	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.51	1,615.40	1,628.91	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,628.91	1,629.19	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	1,629.19	1,642.68	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,642.68	1,644.53	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	1,644.53	1,645.13	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,645.13	1,647.92	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,647.92	1,649.51	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,649.51	1,652.30	302			101.6



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Well Name: **PARA ET AL CAMERON 2H-03 HZ**

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN·m)	Class	Max OD (mm)	ID (mm)
Seat Assembly - 2.25"	114.3	17.263	L-80	LT&C	1	0.42	1,652.30	1,652.72	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,652.72	1,653.66	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.97	1,653.66	1,680.63	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,680.63	1,680.91	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	11.13	1,680.91	1,692.04	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,692.04	1,692.32	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	1,692.32	1,719.30	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,719.30	1,719.58	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,719.58	1,733.08	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,733.08	1,733.36	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.51	1,733.36	1,746.87	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,746.87	1,748.72	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	1,748.72	1,749.32	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,749.32	1,752.11	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,752.11	1,753.70	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,753.70	1,756.49	302			101.6
Seat Assembly - 2.125"	114.3	17.263	L-80	LT&C	1	0.42	1,756.49	1,756.91	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,756.91	1,757.85	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	1,757.85	1,784.84	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,784.84	1,785.12	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	1,785.12	1,798.61	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,798.61	1,798.89	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.16	1,798.89	1,825.05	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,825.05	1,825.33	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	12.23	1,825.33	1,837.56	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,837.56	1,837.84	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,837.84	1,851.34	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,851.34	1,853.19	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	1,853.19	1,853.79	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,853.79	1,856.58	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,856.58	1,858.17	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,858.17	1,860.96	302			101.6
Seat Assembly - 2.00"	114.3	17.263	L-80	LT&C	1	0.42	1,860.96	1,861.38	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,861.38	1,862.32	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.87	1,862.32	1,889.19	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,889.19	1,889.47	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,889.47	1,902.97	302			101.6
Jet Sub 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,902.97	1,903.25	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,903.25	1,916.75	302			101.6
Jet Sub 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,916.75	1,917.03	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,917.03	1,930.53	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,930.53	1,930.81	302			101.6
Casing Joints - Pup	114.3	17.263	L-80	LT&C	1	2.86	1,930.81	1,933.67	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,933.67	1,935.52	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	1,935.52	1,936.12	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,936.12	1,938.91	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,938.91	1,940.50	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,940.50	1,943.29	302			101.6



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Well Name: **PARA ET AL CAMERON 2H-03 HZ**

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN·m)	Class	Max OD (mm)	ID (mm)
Seat Assembly - 1.875"	114.3	17.263	L-80	LT&C	1	0.42	1,943.29	1,943.71	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,943.71	1,944.65	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	25.74	1,944.65	1,970.39	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,970.39	1,970.67	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,970.67	1,984.17	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,984.17	1,984.45	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	1,984.45	2,011.44	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	2,011.44	2,011.72	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	2,011.72	2,038.71	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	2,038.71	2,038.99	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	12.43	2,038.99	2,051.42	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,051.42	2,053.27	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	2,053.27	2,053.87	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,053.87	2,056.66	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	2,056.66	2,058.25	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,058.25	2,061.04	302			101.6
Seat Assembly - 1.750"	114.3	17.263	L-80	LT&C	1	0.42	2,061.04	2,061.46	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,061.46	2,062.40	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,062.40	2,089.38	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,089.38	2,089.66	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,089.66	2,116.64	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,116.64	2,116.92	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.97	2,116.92	2,143.89	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,143.89	2,144.17	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,144.17	2,171.15	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,171.15	2,171.43	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	2,171.43	2,184.92	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,184.92	2,186.77	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	2,186.77	2,187.37	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,187.37	2,190.16	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	2,190.16	2,191.75	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,191.75	2,194.54	302			101.6
Seat Assembly - 1.625"	114.3	17.263	L-80	LT&C	1	0.42	2,194.54	2,194.96	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,194.96	2,195.90	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	2,195.90	2,222.89	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,222.89	2,223.17	302			102.7
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	2,223.17	2,236.66	302			102.7
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	2,236.66	2,250.16	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,250.16	2,250.44	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.97	2,250.44	2,277.41	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,277.41	2,277.69	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	2,277.69	2,291.18	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,291.18	2,291.46	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	27.00	2,291.46	2,318.46	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,318.46	2,320.31	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	2,320.31	2,320.91	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,320.91	2,323.70	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	2,323.70	2,325.29	302			101.6



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Well Name: **PARA ET AL CAMERON 2H-03 HZ**

API/UW 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN·m)	Class	Max OD (mm)	ID (mm)
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,325.29	2,328.08	302			101.6
Seat Assembly - 1.50"	114.3	17.263	L-80	LT&C	1	0.42	2,328.08	2,328.50	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,328.50	2,329.44	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,329.44	2,356.42	302			101.6
Jet Sub - 750"	114.3	17.263	L-80	LT&C	1	0.33	2,356.42	2,356.75	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.89	2,356.75	2,383.64	302			101.6
Jet Sub - 750"	114.3	17.263	L-80	LT&C	1	0.33	2,383.64	2,383.97	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.96	2,383.97	2,410.93	302			101.6
Jet Sub - 750"	114.3	17.263	L-80	LT&C	1	0.33	2,410.93	2,411.26	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	2,411.26	2,438.25	302			101.6
Jet Sub -750"	114.3	17.263	L-80	LT&C	1	0.33	2,438.25	2,438.58	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.48	2,438.58	2,452.06	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,452.06	2,453.91	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	2,453.91	2,454.51	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,454.51	2,457.30	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	2,457.30	2,458.89	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,458.89	2,459.83	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	2,459.83	2,473.33	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,473.33	2,475.18	302			101.6
Anchor Packer	114.3	17.263	L-80	LT&C	1	2.15	2,475.18	2,477.33	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,477.33	2,478.27	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	12.63	2,478.27	2,490.90	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,490.90	2,492.75	302			101.6
DEH Frac Port	114.3	17.263	L-80	LT&C	1	1.32	2,492.75	2,494.07	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,494.07	2,495.01	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,495.01	2,521.99	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,521.99	2,523.84				101.6
Toe Circ Sub	114.3	17.263	L-80	LT&C	1	0.83	2,523.84	2,524.67				101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,524.67	2,526.52				101.6
Float Cllar	114.3		L-80	LT&C	1	0.40	2,526.52	2,526.92				101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,526.92	2,528.77				101.6
Bullet Nose Guide	114.3		L-80	LT&C	1	0.23	2,528.77	2,529.00				101.6



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Cement

Surface

Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Cement Details

Description Surface	Cementing Start Date 1/23/2011 14:26	Cementing End Date 1/23/2011 15:35	Wellbore Name Original Hole
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Comment
Ran 27 joints of 244.5mm H-40 Range 3 casing set @ 360m, had to wash the casing in from 80m to 130m, this took considerable time. Once on bottom shortened the mud system and mixed desco and water to reduce YP and viscosity. Rigged up and tied in the BJ cement crew, cemented surface casing with 19t (16.20m3) Maxxcem G cement blend 1%CaCl2, .90% FL-5 Fluid loss control, dropped the top plug and displaced with 14.22m3 H2O bumped plug at 7.7mpa, good returns throughout the job, 1.5m3 cement returns. Pressure tested casing 1.5mpa (7.7mpa) over final pressure and held for 10min, tested high 12.5mpa for 10min, bled off tested floats held ok, annulus lever static. The rig crew flushed the conductor and WOC for 6 hours. While WOC rigged out BJ, cleaned mud tanks, began mud stripping operations. Cut conductor, and rough cut casing, preheated the casing bowl to 270 deg, welded as per GE procedure, tested bowl @ 7000kpa for 10min

Cement Stages

Stage # 1

Description	Objective	Top Depth (mKB) 7.20	Bottom Depth (mKB) 360.96	Full Return? No	Vol Cement R...	Top Plug? No	Bottom Plug? No	
Q Pump Init (m³/min)	Final Pump Rate (m³/min)	Avg Pump Rate (m³/min)	P Pump Final (kPa)	P Plug Bump (kPa)	Recip? No	Stroke (m)	Rotated? No	Pipe RPM (rpm)
Tagged Depth (mKB)	Tag Method		Depth Plug Drilled Out To (mKB)		Drill Out Diameter (mm)			

Comment

Cement Fluids & Additives

Fluid

Fluid Type	Fluid Description	Estimated Top (mKB)	Est Btm (mKB)	Cement Amount (tonnes)	Class	Volume Pumped (m³)
Yield (m³/tonne)	Mix H2O Ratio (m³/tonne)	Free Water (%)	Density (kg/m³)	Plastic Viscosity (cp)	Thickening Time (hr)	CmprStr 1 (kPa)

Additives

Additive	Type	Concentration	Conc Unit label
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Cement

Intermediate Casing Cement

Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Cement Details

Description Intermediate Casing Cement	Cementing Start Date 3/7/2011 06:35	Cementing End Date 3/7/2011 08:35	Wellbore Name Original Hole
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Comment
Ran 114 joints of 177.8mm L-80, 34.23 kg/m3, LT&C EVRAZ casing, the string included 1 Import L-80 8 round float shoe, one joint of casing and 1 Import 8 round float collar (Top of float collar 1516.51mkb) followed by 113 joints of range 3 to surface. Ran 37 Import Bow Spring Centralizers, stop collars were installed 3m above and below the float collar. Total length of casing was 1534.48m and was landed at 1531.00 mKB.

Casing was washed in from 1320m to bottom and circulated on bottom for 3 hours including the pre job safety meeting with BJ Services.

Pre-flushed with 4.00m3 water followed by 1.17t (3.00m3) MaxxCem G Cement with .90% FL-5, 1.00% CaCl2 scavenger pre-flush weighted at 1250kg/m3. Cemented with 35.5 t (34.5m3) MaxxCem G cement with .90% FL-5, 1.00% CaCl2. Dropped the plug and displaced with 30.10m3 fresh water, bumped the plug at 12MPa 3.5 MPa over the final circulating pressure at 08:30 hrs March 7, 2011. Full mud returns throughout the job. Bled back the floats held and the annulus level was static. No cement returns noted at the shaker.

Drained the bop's, blew out the casing and lifted the bop stack. Installed the casing slips and set into them at 44daN. Cut and beveled the casing, installed the casing slip assembly and lowered the bop's.

Cement Stages

Stage # 1

Description Intermediate Casing Cement	Objective	Top Depth (mKB) 7.20	Bottom Depth (mKB) 1,534.00	Full Return? No	Vol Cement R... 2.00	Top Plug? Yes	Bottom Plug? Yes	
Q Pump Init (m³/min) 0.800	Final Pump Rate (m³/min) 0.300	Avg Pump Rate (m³/min) 0.800	P Pump Final (kPa) 80,000	P Plug Bump (kPa) 120,000	Recip? Yes	Stroke (m) 2.00	Rotated? No	Pipe RPM (rpm)
Tagged Depth (mKB)	Tag Method Drill Bit	Depth Plug Drilled Out To (mKB) 1,531.00		Drill Out Diameter (mm) 156.0				

Comment

Cement Fluids & Additives

Fluid

Fluid Type Lead	Fluid Description MaxxCem "G" at 1700	Estimated Top (mKB) 0.00	Est Btm (mKB) 361.00	Cement Amount (tonnes) 35.5	Class 04-Class G	Volume Pumped (m³) 34.50
Yield (m³/tonne) 0.852	Mix H2O Ratio (m³/tonne) 0.53	Free Water (%)	Density (kg/m³)	Plastic Viscosity (cp)	Thickening Time (hr) 3.50	CmprStr 1 (kPa)

Additives

Additive High Temp Retarder	Type CaCl2	Concentration 0.9	Conc Unit label %
Additive Fluid Loss Control	Type FL-5	Concentration 1.0	Conc Unit label %



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Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/22/2011

Report #: 1.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 78,650

Cum Cost to Date: 78,650

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa)	Tubing Pressure (kPa)

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Moved in tank farm and 90m3 HCL

Operations Next Report Period
Continue to haul in HCL

Road Condition	Weather	Start Date 3/22/2011	End Date 4/2/2011
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Head Count	Personnel Total Hours (hr)	Cum Personnel Total Hours (hr)
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Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:30	13:30	6.00	6.00	Held safety meeting with truckers. Reviewed Safe Work Permit/ Hazard assessment. Moved in and set up tank farm. NOTE: Drilling rig moving out at same time. Coordinate services with drilling supervisor. Held safety meeting with acid haulers. Discussed safe handling of fluids, location of shower/ eyewash facilities and use of proper PPE for task. Moved in and unloaded 90m3 HCL. Inspect tanks for condition. SDFN.

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water				

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	WT/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



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Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/23/2011

Report #: 2.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 64,214

Cum Cost to Date: 142,864

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa)	Tubing Pressure (kPa)

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Hauled in 130m3 15 % HCL, Set up tank manifold.

Operations Next Report Period
Wait on orders

Road Condition Fair	Weather Clear	Start Date 3/22/2011	End Date 4/2/2011
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Head Count 15.0	Personnel Total Hours (hr) 144.00	Cum Personnel Total Hours (hr) 144.00
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Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:30	08:00	0.50	0.50	Walk around lease inspection Lel check. NO lel's. Attended safety meeting at plant. Held safety meeting with rig crew. Filled out and reviewed Safe Work Permit. Continued with equipment maintenance. Wait on orders.
08:00	17:30	9.50	10.00	Reviewed hazard assessment/ JSA with acid haulers. Moved in and unloaded 130 m3 15% HCL. Moved in Total equipment. Held safety meeting and rigged in tank manifold.

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water				

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	WV/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



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Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/24/2011

Report #: 3.0

Total AFE Amount: 1,324,615.00

AFE Number:11N120017

Daily Cost Total: 102,730

Cum Cost to Date: 245,594

API/UJM 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa)	Tubing Pressure (kPa)

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Hauled in 158 m3 15% HCL to tank farm. Total HCL on location 372m3. Moved in and spotted frac equipment. Conducted Paramount orientation with frac personnel. Installed Stinger 7" casing saver on 7 1/16 "Orbit valve"

Operations Next Report Period
Frac Sulphur Point Dolomite HZ

Road Condition Fair	Weather Fair	Start Date 3/22/2011	End Date 4/2/2011
Head Count 15.0	Personnel Total Hours (hr) 144.00	Cum Personnel Total Hours (hr) 288.00	

Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:30	08:00	0.50	0.50	Attended safety meeting at plant. Walk around lease inspection/ Lel check of 2H-03. No Lel's. Held safety meeting with all on site personnel.
08:00	12:00 -	4.00	4.50	Continue to haul in 15% HCL. Hauled a total of 158m3 HCL today. Total on location 372m3.
12:00	20:00	8.00	12.50	Move in BJ services, IES and Stinger stimulation equipment. Held safety meeting/ Paramount orientation with all personnel. Moved in and spotted equipment complete. Checked equipment over to ensure all equipment was on location to do job. Installed Stinger "big bore" casing saver on 3k orbit valve. Secure well, SDFN.

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water				

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



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Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/25/2011

Report #: 4.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 905,606

Cum Cost to Date: 1,151,200

API/UM 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa)	Tubing Pressure (kPa)

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Fractured Sulphur Point Dolomite HZ section through a Packers Plus 9 stage frac port system. Placed 364m3 nitrified 15% HCL in formation. Average treating pressure 28.2 MPa @ 6.0 m3/ min. Max pressure @ 32.3 MPa. Min @ 26.7 MPa. ISIP @ 18.2 MPa. 15 mins = 5.8 MPa. LTR= 486m3. Recovered 21.2m3 in first 2hr of flow. Shut in and surge flow as required.

Operations Next Report Period
Continue to surge/ flow. RU service rig, run tb and swab.

Road Condition Fair	Weather Light snow	Start Date 3/22/2011	End Date 4/2/2011
Head Count 16.0	Personnel Total Hours (hr) 156.00	Cum Personnel Total Hours (hr) 444.00	

Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:30	08:00	0.50	0.50	Walk around lease inspection & Lel check. No Lel's. Attended daily safety meeting at control room. Held pre rig in safety meeting with frac personnel etc on 2H-03. Discussed job hazards and procedures. 39 on location.
08:00	10:30	2.50	3.00	Moved in IES. Card calipered balls #1-8 (1.625 - 2.500") Loaded gates and installed ball launcher on top of Stinger casing saver. Rigged in BJ treating iron to buffalo head. Moved in shower units and related safety services. Moved in total manifold crew and flooded manifold with fresh water from tanks. Repair any leaks where required.
10:30	11:00	0.50	3.50	Held safety meeting with all personnel. Discussed frac procedures, safety and emergency response.
11:00	15:30	4.50	8.00	Pressure test treatment lines (fluid & n2) to 40 MPa. Good. Fill hole (0.9m3) and open hydraulic port @ 2492.75 mKB with 25.2 MPa. Fracture Sulphur point Dolomite HZ formation through a Packers Plus Rapid Matrix 9 stage system. Frac stages 1-9 each with 40m3 15% HCL followed with 10m3 "friction reduced" water. All balls observed seating at required fluid volumes. Max treatment pressure observed 32.3 MPa. Average treatment rate = 6.0 m3/min @ 28.2 MPa. Total acid pumped to formation = 364.4 m3 followed by 30m3 fresh water on flush. Total n2 pumped = 21,593 sm3. LTR = 486m3. ISIP 18.2 MPa. 15 min = 5.8 MPa.
15:30	16:30	1.00	9.00	Flush lines manifold etc with fresh water. RO BJ treating iron etc. Remove IES ball launcher, RO & release. Check pressure @ casing saver. 2100 KPa. Stroke out Stinger CS. RO & release. Install 3k flowing well head on 179mm Orbit valve. Prep to open well to testers.
16:30	18:30	2.00	11.00	SICP = 1988 kPa. Open well to flow on a 38.1 mm "gut line" recovering 17.8m3 in first 30 minutes of flow. Recover additional 3.4 m3 in next 1.5 hour of flow. Shut well in and record build ups. Surge flow as required.
18:30	18:30		11.00	Spot rig on mats. Raise rig and center. Continue to rig in where possible while flowing well.

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	486.00	21.20	21.20	464.80

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



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Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/26/2011

Report #: 5.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 37,730

Cum Cost to Date: 1,188,930

API/UJM 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 159	Tubing Pressure (kPa)

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Surge flow well. RIH & land tb end @ 1489.51 mKB. PSN @ 1270.32. ND Bop & NU Well head. Pull 36 swabbs recovering 41.12m3 fluid. PH=6, Sal ~ 132,000, H2s content @ 1.7%, LFLTR= 428.68m3. Trace oil in samples.

Operations Next Report Period
Continue to swab & recover load fluid.

Road Condition Fair	Weather Clear	Start Date 3/22/2011	End Date 4/2/2011
Head Count 21.0	Personnel Total Hours (hr) 184.00	Cum Personnel Total Hours (hr) 628.00	

Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	07:30	7.50	7.50	Continue to monitor SI well pressures. No fluid recovered during surge flow operations.
07:30	08:00	0.50	8.00	Walk around lease inspection, Lel check. No Lel's. Attended safety meeting at plant. Attended safety meeting on 2H-03 with all personnel. Serviced and started equipment. Recorded well head pressures.
08:00	09:00	1.00	9.00	Stump test Bop's to low 1.4, high of 21 MPa for 10 minutes per component. Good. Test kill and returns lines, manifold etc to 21 MPa as well.
09:00	09:30	0.50	9.50	Flow check well. Good. Pump 5.0 m3 fresh water to well. ND well head and 179mm orbit valve. Install TH and landing jt with safety valve.
09:30	10:00	0.50	10.00	Install class III Bop's and tighten down studs. re pressure test ring gasket/ pipe rams to 21 MPa. Good test.
10:00	10:30	0.50	10.50	Install rig floor, tongs, handling equipment etc.
10:30	13:30	3.00	13.50	Tally, drift & RIH as follows: 1 x 4' 73mm perforated pup with "bull nose" plug in place, 23 jts 73mm tubing, 1x 73mm PSN, 2 jts 73mm tbg. 1x 177.8mm tb anchor, 131 jts 73mm tbg & Tubing hanger. Land hanger and set anchor in 5 dAn tension. Tubing end landed @ 1489.91 mKB. PSN@ 1270.32 mKB. Bop drill held while RIH. Good response. No concerns.
13:30	14:00	0.50	14.00	RO floor handrails, tongs and all handling equipment.
14:00	14:30	0.50	14.50	Remove & rack Bop's.
14:30	15:00	0.50	15.00	Hoist string and remove 2' pup utilizing shallow slips. Re check anchor tension. Good. Land hanger and secure lag screws. NU 3k flowing well head and tighten down studs.
15:00	00:00	9.00	24.00	Rig in to swab. Pull 36 swabbs recovering 41.12m3 fluid. PH=6, Sal ~ 132,000, H2s content @ 1.7%, LFLTR= 428.68m3

Report Fluids Summary

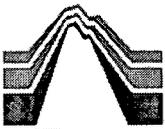
Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	5.00	41.12	62.32	428.68

Perforations

Date	Zone	Top (mKB)	Blm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)
Tubing Hanger/ 5DaN tension	4.03
Tubing	4.43
Anchor/catcher	1,250.57
Tubing	1,251.49
Pump Seating Nipple	1,270.71
Tubing	1,271.04
Perforated Joint	1,488.42
Bull Plug/collar	1,489.67
	1,489.90



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Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/26/2011

Report #: 5.0

Total AFE Amount: 1,324,615.00

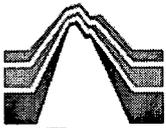
AFE Number:11N120017

Daily Cost Total: 37,730

Cum Cost to Date: 1,188,930

Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



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Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/27/2011

Report #: 6.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 75,364

Cum Cost to Date: 1,264,294

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 2,722	Tubing Pressure (kPa)

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Pulled 88 swabs today recovering 93.44m3 load fluid. Trace oil in samples. Salinity @ 120,000, PH= 6, Fluid level remaining constant @ +/- 700 meters. Casing pressure ~ 6,000 kPa. LFLTR= 335.24m3. RO rig and move to M-74.

Operations Next Report Period
Rig in Silverline swab unit and continue to recover load fluid.

Road Condition Fair	Weather Overcast	Start Date 3/22/2011	End Date 4/2/2011
Head Count 21.0	Personnel Total Hours (hr) 184.00	Cum Personnel Total Hours (hr) 812.00	

Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	07:30	7.50	7.50	00:00 - 0730hrs. Continue to swab/ evaluate. Recovered approx 27m3 in 7hrs swabbing.
07:30	07:30		7.50	Attended 07:00 safety meeting at plant, crew change safety meeting on location. Discussed JSA and hazards associated with daily operations.
07:30	21:00	13.50	21.00	07:30-21:00hrs. Continue to swab/ evaluate Sulphur Point/ Dolomite HZ. Recovered a total of 93.44m3 fluid in 21 hours of swabbing today. PH = 6, Salinity +/- 120,000. Casing pressure ~6,061 and increasing during swabbing. Total fluid recovered = 150.76, TLFTTR = 335.24 m3. H2s ~ 3.0%. Trace oil in samples, see test field notes for full details.
21:00	21:00		21.00	Continue to rig out concord 41 complete. lay rig over, drain and purge testers shipping line. Move in truckers. Hold safety meeting. Move rig & equipment to M-74.

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	0.00	93.44	155.76	335.24

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	WVLen (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/28/2011

Report #: 7.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 35,760

Cum Cost to Date: 1,300,054

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 6,072	Tubing Pressure (kPa) 375

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Total oilfield rigs out and returns frac manifold and 4 acid 400bbl tanks. Move on Silverline swabbers, continue to swab and recover post frac load fluid.

Operations Next Report Period
Swab and recover post frac load fluid

Road Condition Fair	Weather Overcast	Start Date 3/22/2011	End Date 4/2/2011
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Head Count 5.0	Personnel Total Hours (hr) 60.00	Cum Personnel Total Hours (hr) 872.00
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Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
05:00	08:15	3.25	3.25	Total Oilfield rigs out and returns frac manifold and 4x acid 400bbl tanks.
08:15	09:15	1.00	4.25	Conduct daily walkaround, lease inspection. Silverline swabbing receives Paramount orientation by project HSE advisor. Prejob safety meeting with all personnel, discuss scope of work and procedures. SITP 375kPa, SICP 6072kPa, H2S ~ 3%. Total load left to recover = 335.2m3
09:15	11:00	1.75	6.00	Move on and spot Silverline swab rig, flare stack and P-tank. Rig in as per Paramount Resources and government regulation. Rig in shipping line to 400bbl tanks. Make up 73mm swabbing equipment and lubricator, purge and pressure test same. Run in hole, fluid level tagged at 580mKB, swab well to recover remaining load fluid.
11:00	16:00	5.00	11.00	15.6m3 total recovered after 16 swabs Total load left to recover = 319.6m3 pH = 6 Salinity = 130000 BSW% = 100
16:00	20:00	4.00	15.00	32.6m3 total recovered after 29 swabs Total load left to recover = 302.6m3 pH = 6 Salinity = 130000 BSW% = 100
20:00	00:00	4.00	19.00	43.8m3 recovered after 40 swabs Total load left to recover = 291.4m3 pH = 6 Salinity = 130000 BSW% = not consistent, see swab notes Total oil recovered = 3.4m3

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	0.00	43.85	199.61	291.39

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/28/2011

Report #: 7.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 35,760

Cum Cost to Date: 1,300,054

Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Liner	L-80	17.263	2,529.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/29/2011

Report #: 8.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 28,340

Cum Cost to Date: 1,328,394

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 6,550	Tubing Pressure (kPa) 50

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Swabbing to recover post frac load fluid.

Operations Next Report Period
Swab and recover post frac load fluid

Road Condition Fair	Weather Partly cloudy	Start Date 3/22/2011	End Date 4/2/2011
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Head Count 5.0	Personnel Total Hours (hr) 60.00	Cum Personnel Total Hours (hr) 932.00
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Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

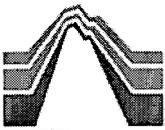
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	04:00	4.00	4.00	Total load left to recover = 281.5m3 pH = 6 Salinity = 130000 BSW% = not constant, see swab notes Total oil recovered = 11.5m3
04:00	08:00	4.00	8.00	Total load left to recover = 272.4m3 pH = 6 Salinity = 130000 BSW% = 75
08:00	12:00	4.00	12.00	Total load left to recover = 257.1m3 pH = 6 Salinity = 130000 BSW% = 90 Total oil recovered = 15.7m3
12:00	16:00	4.00	16.00	Total load left to recover = 242.5m3 pH = 6 Salinity = 130000 BSW% = 75 Total oil recovered = 18m3
16:00	20:00	4.00	20.00	Total load left to recover = 228.6m3 pH = 6 Salinity = 130000 BSW% = 95 Total oil recovered = 21.6m3
20:00	00:00	4.00	24.00	Total load left to recover = 219m3 pH = 6 Salinity = 130000 BSW% = 100 Total oil recovered = 25.68

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	0.00	72.40	272.01	218.99

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/29/2011

Report #: 8.0

Total AFE Amount: 1,324,615.00

AFE Number:11N120017

Daily Cost Total: 28,340

Cum Cost to Date: 1,328,394

Tubing Components

Item Des	Top (mKB)
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Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/30/2011

Report #: 9.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 33,010

Cum Cost to Date: 1,361,404

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 6,405	Tubing Pressure (kPa) 200

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Swabbing to recover post frac load fluid

Operations Next Report Period
Swab and recover post frac load fluid

Road Condition Fair	Weather Partly cloudy	Start Date 3/22/2011	End Date 4/2/2011
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Head Count 5.0	Personnel Total Hours (hr) 60.00	Cum Personnel Total Hours (hr) 992.00
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Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	04:00	4.00	4.00	Total load left to recover = 205.9m3 pH = 6 Salinity = 130000 BSW% = 90 Total oil recovered = 29.2m3
04:00	04:00		4.00	H2S sample taken = 1.5%
04:00	08:00	4.00	8.00	Total load left to recover = 195.5m3 pH = 6 Salinity = 130000 BSW% = 90 Total oil recovered = 33.9m3
08:00	12:00	4.00	12.00	Total load left to recover = 180.8m3 pH = 6 Salinity = 130000 BSW% = 90 Total oil recovered = 37.3m3
12:00	16:00	4.00	16.00	Total load left to recover = 164.7m3 pH = 6 Salinity = 130000 BSW% = 95 Total oil recovered = 40.3m3
16:00	20:00	4.00	20.00	Total load left to recover = 149.6m3 pH = 6 Salinity = 120000 BSW% = 100 Total oil recovered = 42.7m3
20:00	00:00	4.00	24.00	Total load left to recover = 137.1m3 pH = 6 Salinity = 120000 BSW% = 80 Total oil recovered = 47.1m3

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	0.00	81.90	353.91	137.09



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/30/2011

Report #: 9.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 33,010

Cum Cost to Date: 1,361,404

Perforations

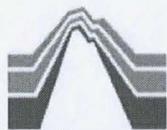
Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	W/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/31/2011

Report #: 10.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 32,440

Cum Cost to Date: 1,393,844

API/UW 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 6,430	Tubing Pressure (kPa) 100

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Swabbing to recover post frac load fluid

Operations Next Report Period
Swab and recover post frac load fluid

Road Condition Fair	Weather Partly cloudy	Start Date 3/22/2011	End Date 4/2/2011
Head Count 5.0	Personnel Total Hours (hr) 60.00	Cum Personnel Total Hours (hr) 1,052.00	

Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	04:00	4.00	4.00	Total load left to recover = 125m3 pH = 6 Salinity = 130000 BSW% = 90 Total oil recovered = 52.6m3
04:00	08:00	4.00	8.00	Total load left to recover = 114.1m3 pH = 6 Salinity = 130000 BSW% = 90 Total oil recovered = 57.8m3
08:00	12:00	4.00	12.00	Total load left to recover = 99.8m3 pH = 6 Salinity = 120000 BSW% = 80 Total oil recovered = 61.8m3
12:00	16:00	4.00	16.00	Total load left to recover = 84.2m3 pH = 6 Salinity = 120000 BSW% = 90 Total oil recovered = 66m3
16:00	20:00	4.00	20.00	Total load left to recover = 71.4m3 pH = 6 Salinity = 120000 BSW% = 45 Total oil recovered = 71.5m3
20:00	00:00	4.00	24.00	Total load left to recover = 58.3m3 pH = 6 Salinity = 130000 BSW% = 75 Total oil recovered = 75.7m3

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil	0.00	52.40	52.40	-52.40
Water	0.00	78.80	432.71	58.29

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 3/31/2011

Report #: 10.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 32,440

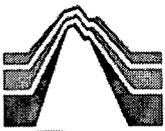
Cum Cost to Date: 1,393,844

Tubing Components

Item Des	Top (mKB)
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Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 4/1/2011

Report #: 11.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 55,030

Cum Cost to Date: 1,448,874

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 6,250	Tubing Pressure (kPa) 100

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Swab and recover post frac load fluid. Rig out Silverline swab rig, P-tank and flare stack.

Operations Next Report Period
Service rig to return and run pump and rods.

Road Condition Fair	Weather Partly cloudy	Start Date 3/22/2011	End Date 4/2/2011
Head Count 5.0	Personnel Total Hours (hr) 60.00	Cum Personnel Total Hours (hr) 1,112.00	

Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	05:30	5.50	5.50	Total load left to recover = 43.5m3 pH = 6 Salinity = 120000 BSW% = 75 Total oil recovered = 82.9m3 Total water and oil recovered = 530.4m3
05:30	05:30		5.50	Final swab notes in WellView attachments.
05:30	07:00	1.50	7.00	Rig out Silverline swab rig P-tank and flare stack. Move equipment to I-73.

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil	0.00	30.50	82.90	-82.90
Water	0.00	14.80	447.51	43.49

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	W/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2H-03 HZ

Rig: Silverline Swabbing

Business Unit: NE BC & NWT COU

Report Date: 4/2/2011

Report #: 12.0

Total AFE Amount: 1,324,615.00

AFE Number: 11N120017

Daily Cost Total: 177,615

Cum Cost to Date: 1,626,488

API/UJM 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073
Well Configuration Type HORIZ	Casing Flange Elevation (m) 772.20	Ground Elevation (m) 770.20	Original KB Elevation (m) 777.22
Last Casing String Liner, 2,529.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 6,282	Tubing Pressure (kPa) 1,399

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Operations Summary
Moved from M-74 to 2H-03 location. Rigged in complete. Installed pumping well head. Perforated tubing below "psn" @ 1271 mKB. Ran pump and rods. Pressure tested and stroke tested to 3,500 kPa. Rigged out equipment.

Operations Next Report Period
NO REPORT. TOTP.

Road Condition Fair	Weather Overcast	Start Date 3/22/2011	End Date 4/2/2011
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Head Count 5.0	Personnel Total Hours (hr) 60.00	Cum Personnel Total Hours (hr) 1,172.00
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Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-290-3626
Field Supervision	Stephen Baggs	780-717-9461
Field Supervisor	Milo Christie	403-952-9163
Rig Manager	Dwayne Palmer	403-357-6841

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
06:00	06:30	0.50	0.50	07:30 Attended daily safety meeting at plant. held safety meeting on M-74 location with rig personnel.
06:30	08:30	2.00	2.50	Moved mobile equipment from M-74 to location.
08:30	10:30	2.00	4.50	Spot mats on 2H-03 with rig support unit. Rig in pump and tank complete. Place rig on matting, raise and center over hole. Rig in complete to Paramount, NEB and OH&S specifications. Haul 14m3 fluid from M-74 and place in RT. Haul in 10m3 from source lake 3.
10:30	14:00	3.50	8.00	Moved in Pure Energy electric line unit. Held safety meeting. Made up and RIH 4 gramm, 5 shot tubing perf gun. Located PSN and tubing anchor with CCL. Correlated on depth. Attempted to fire gun. NO Detonation visible at surface. POOH, held 100m from surface safety sweep and pulled live gun from well. Troubleshoot firing fault. RIH with re-wired gun. Correlate on depth and perforate tubing @ 1271.0 mKB. POOH, RO & release Pure Energy.
14:00	15:30	1.50	9.50	Moved in and unloaded rod string and pumping well head assembly.
15:30	16:30	1.00	10.50	Pumped 10.0 m3 water to casing, 5.0 m3 down tubing. Well on vac. Removed 3k flowing well head and installed Stream-Flow supplied CPT pumping well head.
16:30	20:00	3.50	14.00	Checked pump card with pump. Good. Surface tested pump and ran in hole. Set in PSN @ 1270.3 mKB. Pressure tested pump with rig pump to 3,500 kPa. Good. Bleed off and stroke tested to 3,500 kPa s well. Good test. Set pump 10" off tap and clamp off. Max pump stroke 188", Jack stroke set for 168".
20:00	00:00	4.00	18.00	RO rig and equipment.

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil	0.00	0.00	82.90	-82.90
Water	20.00	0.00	447.51	63.49

Perforations

Date	Zone	Top (mKB)	Bltn (mKB)	Current Status

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	W/Len (kg/m)	Set Depth (mKB)
Production			
Surface	H-40	48.100	360.00
Intermediate	L-80	34.228	1,531.00
Liner	L-80	17.263	2,529.00

Stimulations



Paramount
resources ltd.

Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	License # 2073	Field Name Cameron Hills	State/Province NT
Well Configuration Type HORIZ	Original KB Elevation (m) 777.22	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	KB-Tubing Head Distance (m) 4.52

Production Casing					
Csg Des	Run Date	Set Depth (mKB)	OD (mm)	Wt/Len (kg/m)	Grade
Production					

Tubing Strings					
Des	Run Date	Set Depth (mKB)	String Max Nominal OD (mm)	Wt (kg/m)	Grade
Tubing - Production	3/26/2011	1,489.90	73.0	9.673	J-55

Perforations				
Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Acid Frac on 3/25/2011 12:00					
Date	Type	Stim/Treat Company	Zone	Job	
3/25/2011	Acid Frac	BJ Services Company		Initial Completion, 3/22/2011 07:30	
Proppant In Wellbore (kg)	P Pre SI (kPa)	Instant. Shut-in Pressure (kPa)	P Post SI (kPa)	Proppant In Formation (kg)	Shut-in Time Final (hr)
		18,200	5,800		2,000.00

Comment
365m3 15% HCL / 121m3 water nitrified acid frac.

<fluidname>, <fluidtyp>				
Fluid Name	Fluid Type	Description	Fluid Density (kg/m³)	Filter Size (mm)
Additive	Units	Concentration (%)		

<stagenum>, <stagetyp>					
Stage Number	Stage Type	Start Date	End Date	Top Depth (mKB)	Bottom Depth (mKB)
Casing Pressure Start (kPa)	Pressure Tubing End (kPa)	Casing Pressure Start (kPa)	Casing Pressure End (kPa)	Clean Volume Pumped (m³)	Volume Recovered (m³)
Stim/Treat Fluid	Gas Type	Gas Rate (m³/min)	Gas Volume (E3m³)	Comment	
Additive	Sand Size	Units	Amount	Type	Conc (kg/m³) Note

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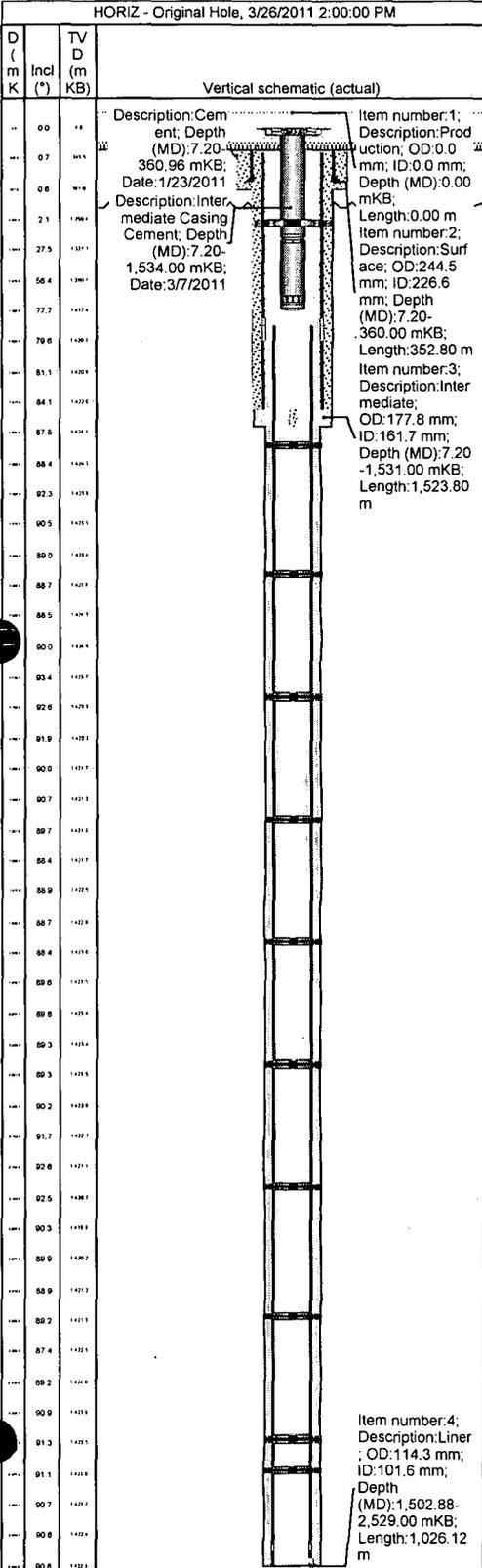


Tubing

Paramount
resources ltd.

Well Name: **PARA ET AL CAMERON 2H-03 HZ**

API/UWJ 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	License # 2073	Field Name Cameron Hills	State/Province NT
Well Configuration Type HORIZ	Original KB Elevation (m) 777.22	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	KB-Tubing Head Distance (m) 4.52



Tubing Description		Set Depth (mKB)		Run Date		Pull Date			
Tubing - Production		1,489.90		3/26/2011					
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Top Thread	Len (m)	Top (mKB)	Btm (mKB)
1	Tubing Hanger/ 5DaN tension	177.8	73.0				0.40	4.03	4.43
131	Tubing	73.0	62.0	9.673	J-55		1,246.14	4.43	1,250.57
1	Anchor/catcher	161.7	73.0				0.92	1,250.57	1,251.49
2	Tubing	73.0	62.0	9.673	J-55		19.22	1,251.49	1,270.71
1	Pump Seating Nipple	73.0					0.33	1,270.71	1,271.04
23	Tubing	73.0	62.0	9.673	J-55		217.38	1,271.04	1,488.42
1	Perforated Joint	73.0					1.25	1,488.42	1,489.67
1	Bull Plug/collar	73.0					0.23	1,489.67	1,489.90
								1,489.90	1,489.90

Geological Report

For

Para et al Cameron 2H-03
Surface Location: Unit 2H Section 03
Grid 60° 10' 117° 30'
UWI: 302H036010117300
NEB ADW WID #: 2073



Well Reached Total Depth on
March 2011

Report For:

Jason Galbraith
Geologist
Paramount Resources Ltd.
Calgary, Alberta

Reported By:

Mashhood A Chaudhry

Moh & Associates Oilfield Consultants Ltd.
Calgary, Alberta.

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WELL ABSTRACT

The well Para et al Cameron 2H-03 is located in Cameron Hills field of NWT Mainland. The main objective of drilling this well is to investigate the Lower Sulphur Point Dolomite porosity horizontally for the production of hydrocarbons and to confirm the structure.

The drilling contractor engaged to drill this well was Nabors *Drilling Rig # 24*. Services of Phoenix Technology services LP were retained for directional drilling and to run real time gamma ray. The well was spudded on January 20, 2011 at 2345 hrs. A surface hole of the size of 349mm was drilled to 361m, and a surface casing of 244.5mm was run to 360m. The size of the intermediate hole is 222mm. The well was kicked off from 1266m MD. The rig sank few times and was to be jacked and skidded during this time. Finally the drilling was suspended @ 1333m MD to reconstruct the lease. The rig was moved out to E-52 on Feb. 05, 2011 and pilings were put into the ground to stabilize the rig site. The rig was moved back on Feb. 16, 2011 and drilling resumed on Fe. 21, 2011.

The bit and mud motor were lost in the hole at 1424m MD. The fishing efforts were unsuccessful and well was plugged and side tracked from 1333m MD.

The well was landed just on top of the Lower Sulphur Point Dolomite at 1534m MD, TVD 1422.09m (SS -644.87m). Intermediate casing of 177.8mm ran to 1531m MD; and 156 mm horizontal hole was drilled to a TD of 2534m MD. The well got drilled to 2537m MD during reaming. During steering of the well, in the horizontal section, the objective was to follow Lower Sulphur Point porosity.

The geological formations were identified after detailed examination of drill cuttings, correlation of offset logs and the gamma ray tool response. The formation tops were close to the prognosis.

The Compact memory logging tool package was run from surface to 2511m MD by DataLog LWT, after TD of the horizontal section.

The production casing of OD 114.3mm (ID 98.4mm) was run to frac and test the well and obtain production.

FORMATION EVALUATION

SLAVE POINT FORMATION

Middle or Upper Devonian

397.5-385.3 Million Years

Slave point Formation in this well was picked in samples at 1346m TVD. Electrical logs indicate its top at 1345.5mTVD (SS -568.25 m). Slave Point is a 41m thick limestone. It is brown, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-very fine crystalline. It is slightly argillaceous and bituminous and contains pyrite nodules at places. It becomes slightly dolomitic and anhydritic towards lower part. The Slave point is mostly tight with 0-3% porosity. It has a local 6-9% pin point and earthy porosity. Slave point has hydrocarbon shows and gives milky white good-fair streaming cut with petriferous odour. A formation gas show of 250 units against a background of 17 units was registered by gas detector at 1358.5mTVD.

The Slave Point formation in this well does not seem to have commercially produceable hydrocarbons.

SULPHUR POINT FORMATION

Middle Devonian

397.5 Million Years

Sulphur Point Limestone is 18m thick, from 1397m TVD (SS- 619.78m) to 1415 m TVD (SS -637.78m), as seen on the logs. It is brown-buff, mudstone-wakestone, micritic, cryptocrystalline-trace very fine crystalline, argillaceous and locally slightly dolomitic. It also has some hydrocarbon shows. It has up to 3-6% porosity. It had 300/100 and 300/50 units of gas show at 1307 and 1314m TVD.

Sulphur Point Limestone does not seem to be promising in this well.

Upper Sulphur Point Dolomite is 7m thick from 1415 – 1422m TVD. It is brown-dark brown, grainstone, very fine-fine crystalline, with some free crystals and minor bituminous partings. It has intercrystalline, rare to minor vuggy, porosity streaks in the range of 3-6%. It has yellow white good streaming cut.

Lower Sulphur Point Dolomite The well is landed above Lower Sulphur Point at 1534m MD, 1422.26m TVD (SS -645.04). The Lower Sulphur Point top at the heel of horizontal section was encountered at 1543.8m MD, TVD 1423.02 (SS -645.8m) and at the Toe at 2530m MD, 1421.22m TVD (SS -644m).

The dolomite in the horizontal section is medium to dark brown, light brown at places, grainstone-packstone, very fine-minor fine crystalline, with free crystals at the top, and local traces of bitumin partings. It has an estimated intercrystalline, vuggy and occasional fracture porosity ranging mostly from 3-9% throughout the horizontal section. The dolomite mostly has yellow white good streaming cut. On induction log it shows 20-90 ohms deep and medium induction.

In the intervals where the well path is in the zone, the formation has gas shows in the range of 350 to 700 units. Gas shows of 2300/50 units at 2299m MD, 1090/50 units at 1871m MD and 1300/54 units at 1815m MD, were also recorded by the gas detector.

The Dolomite in the horizontal section has a potential of oil and gas production.

Some photos of Sulphur Point Dolomite in horizontal section are included in the drill cuttings photos section.

**PHOTOS OF DRILL CUTTINGS FROM
SLAVE POINT AND SULPHUR POINT FORMATIONS**



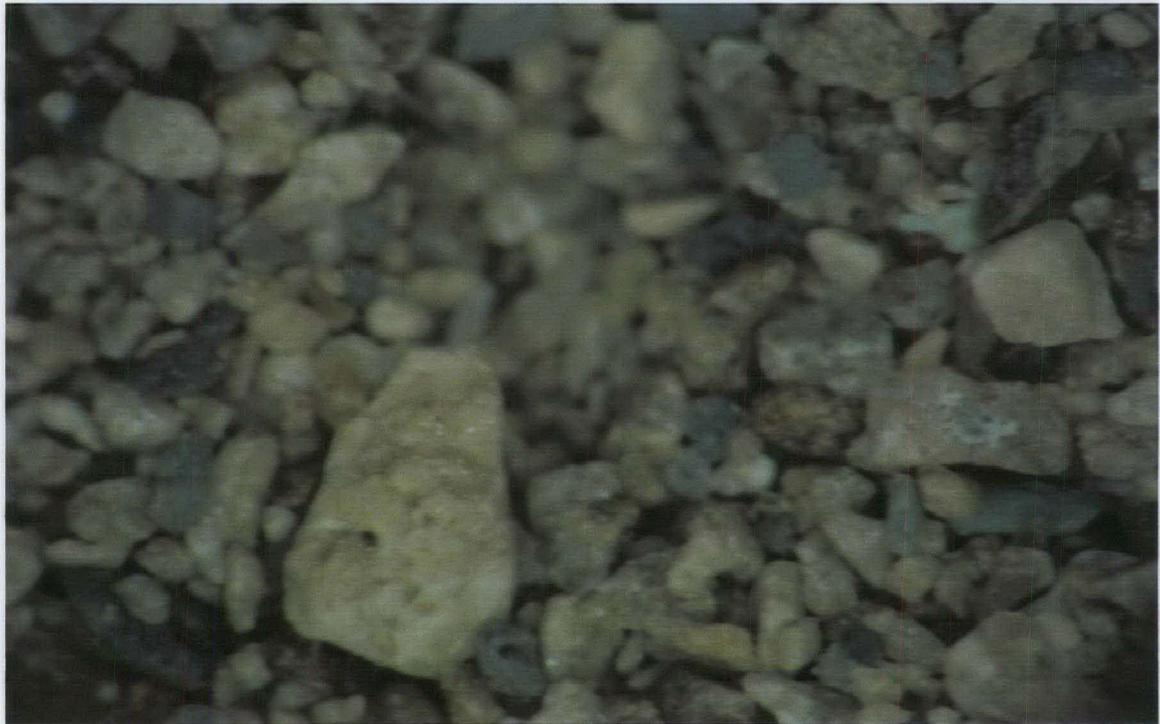
Slave Pt. Lst 1365-1370mMD- Build Section of 2H-03



Sul Pt. Lst. 1435-1440mMD- Build Sec. 2H-03



Sul Pt. Dol. 1500-1505mMD-Build Sec. 2H-03



Sul Pt. Dol. 1520-1525mMD-Build Sec. 2H-03-Vuggy Porosity



Sul Pt. Dol. 1530-1534mMD-At Landing of 2H-03



Sul Pt. Dol 1560-1565mMD-Hor Sec. 2H-03- Vuggy Porosity



Sul Pt Dol 1830-1835mMD Hor Sec 2H-03- Abundant free Crystals



Sul Pt Dol 1955-1960mMD Hor Sec 2H-03- Vuggy Porosity



Sul Pt Dol 2270-2275mMD Hor Sec 2H-03



Sul Pt Dol 2485-2490mMD Hor Sec 2H-03-Free crystals and Vugs



Sul Pt Dol 2530-2534mMD Hor Sec 2H-03

SUMMARY OF WELL DATA

OPERATOR	Paramount Resources Ltd.
WELL NAME	Para et al 2H-03
SURFACE LOCATION	Unit 2H Section 03 Grid 60° 10' 117° 30'
SURFACE COORDINATES	Lat. 60° 02' 20.4" Long. 117° 30' 6.3"
BOTTOM HOLE COORDINATES	--
UWI	302H036010117300
FIELD	Cameron Hills
PROVINCE/REGION	NWT Mainland
WELL LICENCE NUMBER	2073
WELL TYPE	Horizontal Development Well.
A.F.E. NUMBER	10N110009
GROUND ELEVATION	770.20m
K.B. ELEVATION	777.22m
DRILLING CONTRACTOER	Nabors Drilling Rig # 24
SPUD DATE	January 20, 2011 @ 2345Hrs.
COMPLETED DRILLING	March 16, 2011 @ 0215 Hrs.
TOTAL DEPTH DRILLER	2537MD m.
TOTAL DEPTH LOGGERS	
SURFACE HOLE SIZE	349 mm.
INTERMEDIATE HOLE SIZE	222 mm.
MAIN/HORIZONTAL HOLE SIZE	156 mm.

SAMPLES For PARAMOUNT
RESOURCES LTD.

None.

SAMPLES FOR NEB

1275m MD to TD, 2 sets of vial and
one set of unwashed bags.

SURFACE CASING RECORD

Size OD (mm)	Size ID (mm)	Weight Kg/m	Make	Type	Grade	Shoe at (m)	No Of Joints	Remarks
244.5	228.6	48.1	Evraz	ST&C	J-55	360	27	New

INTERMEDIATE CASING RECORD

Size OD (mm)	Size ID (mm)	Weight Kg/m	Make	Type	Grade	Shoe at (m)	No Of Joints	Remarks
177.8	158.5	34.3	Evraz	LT&C	L-80	1531	115	New

LOG RECORD

Company	Log Type	Interval (m)
DataLog LWT	1. Compensated Neutron Density Gamma Ray Log. + Density Porosity Log 2. Dual Induction Gamma Ray	2511-5.05m MD 1532- 2511m MD 2511-1532m MD

STATUS: POTENTIAL LOWERSULPHUR POINT OIL WELL.

SUMMARY OF GEOLOGICAL MARKERS, TESTS & CORES**GEOLOGICAL MARKERS**

K.B: 777.22m

FORMATION MARKER	SAMPLE TOP		LOGS TOP		
	TMD (m)	TVD(m)	TMD (m)	TVD(m)	Subsea (m)
WABAMUN	-	-	551.5	551.5	225.72
JEAN MARIE	-	-	712.0	712.0	065.22
FORT SIMPSON	-	-	720.0	720.0	057.22
TWIN FALLS	-	-	832.0	832.0	054.78
HAY RIVER	-	-	1065.0	1065.0	-287.78
BEAVERHILL LAKE	1325.0	1322.0	1325.0	1322.0	-544.78
SLAVE POINT	1353.0	1346.0	1352.0	1345.5	-568.28
F 4	1412.0	1387.0	1411.5	1386.5	-609.28
WATT MOUNTAIN	1425.5	1394.0	1424.0	1393.5	-616.28
SULPHUR POINT LST	1433.0	1397.5	1431.5	1397.0	-619.78
SULPHUR POINT DOL.	1483.5	1415.0	1486.0	1415.0	-638.56
ICP/LANDING	1534.0	1422.26	-	-	-645.04
LR. SULPHUR PT. DOL AT HEEL			1544.0	1423.02	-645.80
LR. SULPHUR PT. DOL AT TOE			2530.0	1421.22	-644.00
TOTAL DEPTH DRILLER	2537.0	421.20	2537.0	1421.20	-643.98
TOTAL DEPTH LOGGERS			2535.1	1421.20	-643.98

CORES

DATE:

Formation	Interval (m)	Recovered.	Recovery %	Coring Equip.

SIDE WALL CORING SUMMARY

CORING DATE:

Plug #	Time	Depth(m)	Recovery	Plug #	Time	Depth(m)	Recovery

DIRECTIONAL SURVEYS

Measured Depth Meters	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Subsea TVD Meters	N-S Meters	Vertical E-W Meters	CLOSURE Section Meters	CLOSURE Distance Meters	CLOSURE Direction Deg	Dogleg Severity Deg/30
.00	.00	.00	.00	777.22	.00	.00	.00	.00	.00	.00
396.60	.90	303.30	396.58	380.64	1.71	-2.60	-1.73	3.11	303.30	.07
532.47	1.90	250.90	532.42	244.80	1.56	-5.62	-1.60	5.84	285.49	.34
666.78	2.90	242.90	666.61	110.61	-.72	-10.75	.63	10.78	266.18	.24
798.94	.20	171.70	798.71	-21.49	-2.47	-13.70	2.36	13.92	259.78	.65
933.16	.50	146.10	932.93	-155.71	-3.19	-13.34	3.08	13.71	256.56	.07
1066.81	.50	135.40	1066.57	-289.35	-4.09	-12.60	3.99	13.25	252.03	.02
1200.43	.80	52.00	1200.18	-422.96	-3.93	-11.46	3.84	12.11	251.08	.20
1223.05	1.10	29.20	1222.80	-445.58	-3.64	-11.23	3.55	11.80	252.03	.63
1232.45	1.20	21.50	1232.20	-454.98	-3.47	-11.15	3.38	11.67	252.71	.59
1242.03	1.10	11.20	1241.78	-464.56	-3.29	-11.09	3.20	11.57	253.50	.72
1251.05	.90	357.50	1250.80	-473.58	-3.13	-11.08	3.04	11.51	254.22	1.03
1261.27	.30	241.10	1261.02	-483.80	-3.06	-11.10	2.98	11.52	254.58	3.13
1270.88	3.10	184.80	1270.62	-493.40	-3.33	-11.15	3.25	11.64	253.35	9.19
1280.49	8.10	174.60	1280.18	-502.96	-4.27	-11.11	4.18	11.90	248.98	15.85
1308.50	22.50	169.10	1307.13	-529.91	-11.53	-9.90	11.46	15.20	220.64	15.48
1318.11	26.40	169.20	1315.88	-538.66	-15.44	-9.15	15.37	17.95	210.66	12.18
1326.35	27.90	169.90	1323.21	-545.99	-19.14	-8.47	19.07	20.93	203.88	5.58
1335.37	29.00	167.80	1331.14	-553.92	-23.35	-7.64	23.29	24.57	198.11	4.94
1344.56	31.80	165.90	1339.06	-561.85	-27.88	-6.58	27.83	28.64	193.28	9.66
1354.16	35.50	165.20	1347.06	-569.84	-33.03	-5.25	32.99	33.44	189.03	11.63
1364.77	39.30	165.70	1355.48	-578.26	-39.27	-3.63	39.24	39.43	185.28	10.78
1373.38	43.20	165.30	1361.95	-584.73	-44.76	-2.21	44.74	44.82	182.83	13.62
1382.48	46.50	166.70	1368.41	-591.19	-50.99	-.66	50.98	50.99	180.74	11.36
1392.09	50.00	167.90	1374.80	-597.58	-57.98	.91	57.99	57.99	179.10	11.28
1401.71	52.90	168.90	1380.80	-603.58	-65.35	2.43	65.37	65.39	177.87	9.37
1411.33	55.30	171.60	1386.44	-609.22	-73.03	3.74	73.06	73.12	177.07	10.13
1420.94	58.30	172.80	1391.70	-614.48	-80.99	4.83	81.03	81.14	176.59	9.88
1430.55	60.90	173.80	1396.56	-619.34	-89.23	5.80	89.27	89.41	176.28	8.55
1439.72	63.90	175.70	1400.81	-623.59	-97.32	6.54	97.37	97.54	176.16	11.25
1449.11	67.10	175.70	1404.71	-627.49	-105.84	7.18	105.89	106.08	176.12	10.22
1458.27	70.20	175.60	1408.04	-630.82	-114.34	7.83	114.40	114.61	176.08	10.16
1467.89	73.10	175.50	1411.07	-633.85	-123.44	8.54	123.51	123.74	176.04	9.05
1477.50	75.30	176.60	1413.68	-636.46	-132.67	9.17	132.74	132.99	176.05	7.62
1486.90	77.50	178.80	1415.89	-638.67	-141.80	9.54	141.87	142.12	176.15	9.79
1496.52	78.00	179.90	1417.94	-640.72	-151.20	9.64	151.27	151.50	176.35	3.70
1506.12	80.20	180.70	1419.75	-642.53	-160.62	9.59	160.69	160.91	176.58	7.30
1519.00	84.80	181.20	1421.43	-644.21	-173.39	9.38	173.46	173.64	176.90	10.78
1543.85	87.90	182.00	1423.01	-645.79	-198.17	8.69	198.24	198.36	177.49	3.86
1553.49	87.70	182.20	1423.38	-646.16	-207.80	8.34	207.86	207.97	177.70	.88
1562.66	89.70	181.40	1423.59	-646.37	-216.96	8.05	217.02	217.11	177.88	7.05

1572.22	91.60	181.20	1423.48	-646.26	-226.52	7.83	226.58	226.66	178.02	5.99
1581.39	92.30	180.50	1423.17	-645.95	-235.68	7.70	235.74	235.81	178.13	3.24
1591.02	92.30	180.40	1422.78	-645.57	-245.31	7.62	245.36	245.42	178.22	.31
1600.66	90.50	180.60	1422.55	-645.33	-254.94	7.54	254.99	255.05	178.31	5.64
1609.80	90.50	180.70	1422.47	-645.25	-264.08	7.43	264.13	264.19	178.39	.33
1619.43	90.50	180.70	1422.39	-645.17	-273.71	7.32	273.76	273.81	178.47	.00
1629.13	89.80	181.50	1422.36	-645.14	-283.41	7.13	283.45	283.50	178.56	3.29
1638.51	89.10	181.00	1422.45	-645.23	-292.78	6.92	292.83	292.87	178.65	2.75
1648.13	89.00	181.40	1422.61	-645.39	-302.40	6.72	302.44	302.48	178.73	1.29
1657.74	88.40	181.40	1422.83	-645.61	-312.01	6.49	312.05	312.07	178.81	1.87
1667.34	88.80	180.00	1423.06	-645.84	-321.60	6.37	321.64	321.67	178.87	4.55
1676.69	88.40	180.60	1423.29	-646.07	-330.95	6.32	330.99	331.01	178.91	2.31
1686.30	89.20	180.00	1423.49	-646.27	-340.56	6.27	340.60	340.61	178.94	3.12
1695.95	88.80	179.90	1423.66	-646.44	-350.21	6.28	350.24	350.26	178.97	1.28
1705.54	89.80	179.90	1423.78	-646.56	-359.79	6.30	359.83	359.85	179.00	3.13
1715.15	89.00	179.50	1423.88	-646.66	-369.40	6.35	369.44	369.46	179.02	2.79
1724.79	91.00	179.20	1423.88	-646.66	-379.04	6.46	379.08	379.10	179.02	6.29
1734.41	93.00	179.30	1423.54	-646.32	-388.66	6.58	388.69	388.71	179.03	6.24
1744.02	93.80	178.70	1422.97	-645.75	-398.25	6.75	398.29	398.30	179.03	3.12
1753.64	92.90	179.30	1422.41	-645.19	-407.85	6.92	407.89	407.91	179.03	3.37
1763.29	92.00	179.90	1422.00	-644.78	-417.49	6.98	417.53	417.55	179.04	3.36
1772.91	91.60	179.80	1421.70	-644.48	-427.10	7.01	427.15	427.16	179.06	1.29
1782.52	91.90	179.40	1421.40	-644.18	-436.71	7.08	436.75	436.77	179.07	1.56
1792.12	91.90	180.00	1421.08	-643.86	-446.30	7.13	446.35	446.36	179.09	1.87
1801.74	90.90	179.60	1420.85	-643.63	-455.92	7.16	455.96	455.98	179.10	3.36
1811.39	90.20	179.90	1420.76	-643.54	-465.57	7.20	465.61	465.63	179.11	2.37
1820.67	89.80	180.90	1420.76	-643.54	-474.85	7.14	474.89	474.90	179.14	3.48
1830.31	90.20	180.90	1420.76	-643.54	-484.49	6.99	484.53	484.54	179.17	1.24
1839.94	91.60	181.30	1420.61	-643.39	-494.12	6.80	494.15	494.16	179.21	4.54
1849.11	91.30	180.70	1420.37	-643.15	-503.28	6.64	503.32	503.33	179.24	2.19
1858.74	89.90	181.10	1420.27	-643.05	-512.91	6.49	512.94	512.95	179.27	4.54
1868.15	89.20	181.10	1420.35	-643.13	-522.32	6.31	522.35	522.36	179.31	2.23
1877.78	89.10	180.00	1420.49	-643.27	-531.95	6.22	531.98	531.98	179.33	3.44
1887.42	88.40	180.60	1420.70	-643.48	-541.58	6.17	541.62	541.62	179.35	2.87
1897.02	88.30	180.90	1420.98	-643.76	-551.18	6.04	551.21	551.21	179.37	.99
1906.68	88.30	180.90	1421.26	-644.04	-560.83	5.89	560.86	560.86	179.40	.00
1915.87	88.80	180.30	1421.49	-644.27	-570.02	5.79	570.05	570.05	179.42	2.55
1925.50	89.40	179.40	1421.65	-644.43	-579.65	5.82	579.68	579.68	179.42	3.37
1935.14	88.70	179.10	1421.81	-644.59	-589.29	5.95	589.31	589.32	179.42	2.37
1944.77	88.30	179.10	1422.06	-644.84	-598.91	6.10	598.94	598.94	179.42	1.25
1954.40	88.90	178.90	1422.29	-645.07	-608.54	6.26	608.57	608.57	179.41	1.97
1964.03	88.90	179.00	1422.48	-645.26	-618.16	6.44	618.20	618.20	179.40	.31
1973.50	89.90	178.50	1422.58	-645.36	-627.63	6.65	627.66	627.67	179.39	3.54
1982.91	90.60	178.20	1422.54	-645.32	-637.04	6.92	637.07	637.07	179.38	2.43
1992.27	90.40	178.40	1422.45	-645.23	-646.39	7.20	646.43	646.43	179.36	.91
2001.45	89.90	177.70	1422.43	-645.21	-655.57	7.51	655.61	655.61	179.34	2.81
2011.07	89.70	177.70	1422.46	-645.24	-665.18	7.89	665.22	665.23	179.32	.62
2020.29	90.70	177.90	1422.43	-645.21	-674.39	8.25	674.44	674.44	179.30	3.32
2029.52	90.30	177.10	1422.35	-645.13	-683.61	8.65	683.66	683.67	179.27	2.91
2039.12	90.20	177.60	1422.31	-645.09	-693.20	9.09	693.25	693.26	179.25	1.59

2048.74	89.40	176.50	1422.34	-645.12	-702.81	9.59	702.86	702.87	179.22	4.24
2057.97	89.20	177.00	1422.46	-645.24	-712.02	10.11	712.08	712.10	179.19	1.75
2067.55	89.60	176.90	1422.56	-645.34	-721.59	10.62	721.65	721.67	179.16	1.29
2076.91	89.30	176.90	1422.65	-645.43	-730.94	11.13	731.00	731.02	179.13	.96
2086.54	90.00	176.90	1422.70	-645.48	-740.55	11.65	740.62	740.64	179.10	2.18
2096.17	90.60	177.50	1422.65	-645.43	-750.17	12.12	750.24	750.27	179.07	2.64
2105.79	90.60	178.20	1422.55	-645.33	-759.78	12.48	759.86	759.88	179.06	2.18
2115.40	90.70	177.90	1422.44	-645.22	-769.39	12.81	769.46	769.49	179.05	.99
2125.05	91.10	178.10	1422.29	-645.07	-779.03	13.14	779.11	779.14	179.03	1.39
2134.41	91.40	178.70	1422.09	-644.87	-788.38	13.41	788.46	788.50	179.03	2.15
2144.02	91.70	178.60	1421.83	-644.61	-797.99	13.63	798.07	798.10	179.02	.99
2153.21	92.00	178.80	1421.53	-644.31	-807.17	13.84	807.25	807.29	179.02	1.18
2162.85	92.30	178.10	1421.17	-643.95	-816.80	14.10	816.88	816.92	179.01	2.37
2172.48	92.30	177.70	1420.78	-643.56	-826.41	14.45	826.50	826.54	179.00	1.25
2182.11	92.70	178.80	1420.36	-643.14	-836.03	14.75	836.12	836.16	178.99	3.64
2191.53	92.60	178.40	1419.93	-642.71	-845.44	14.98	845.53	845.57	178.99	1.31
2201.12	92.30	179.10	1419.52	-642.30	-855.02	15.19	855.11	855.15	178.98	2.38
2210.74	91.70	179.70	1419.18	-641.96	-864.63	15.29	864.72	864.77	178.99	2.65
2220.37	90.30	179.50	1419.01	-641.79	-874.26	15.35	874.35	874.39	178.99	4.41
2229.98	90.40	180.40	1418.96	-641.74	-883.87	15.36	883.96	884.00	179.00	2.83
2239.60	90.10	179.90	1418.91	-641.69	-893.49	15.34	893.58	893.62	179.02	1.82
2249.26	89.50	180.90	1418.95	-641.73	-903.15	15.27	903.24	903.28	179.03	3.62
2258.88	89.00	182.10	1419.07	-641.85	-912.76	15.02	912.85	912.89	179.06	4.05
2268.51	89.50	182.20	1419.20	-641.98	-922.39	14.66	922.47	922.50	179.09	1.59
2278.19	89.90	182.10	1419.25	-642.03	-932.06	14.29	932.14	932.17	179.12	1.28
2287.56	88.80	182.10	1419.36	-642.14	-941.42	13.95	941.50	941.53	179.15	3.52
2297.19	87.80	182.90	1419.64	-642.42	-951.04	13.53	951.12	951.13	179.18	3.99
2306.79	88.10	182.90	1419.99	-642.77	-960.62	13.05	960.69	960.71	179.22	.94
2316.43	88.80	183.50	1420.25	-643.03	-970.24	12.51	970.31	970.32	179.26	2.87
2325.56	89.20	183.60	1420.41	-643.19	-979.35	11.94	979.42	979.43	179.30	1.35
2335.04	88.00	183.90	1420.64	-643.42	-988.81	11.32	988.87	988.87	179.34	3.91
2344.64	87.30	183.50	1421.03	-643.81	-998.38	10.70	998.43	998.44	179.39	2.52
2354.26	87.30	183.30	1421.48	-644.26	-1007.97	10.13	1008.02	1008.02	179.42	.62
2363.95	87.80	183.20	1421.90	-644.68	-1017.64	9.58	1017.68	1017.68	179.46	1.58
2373.55	88.00	182.50	1422.25	-645.03	-1027.22	9.11	1027.26	1027.26	179.49	2.27
2382.95	88.80	182.10	1422.51	-645.29	-1036.61	8.73	1036.65	1036.65	179.52	2.85
2392.56	88.50	182.40	1422.74	-645.52	-1046.21	8.35	1046.24	1046.24	179.54	1.32
2402.14	89.30	181.80	1422.92	-645.70	-1055.78	8.00	1055.81	1055.81	179.57	3.13
2411.84	89.20	181.70	1423.05	-645.83	-1065.48	7.71	1065.50	1065.50	179.59	.44
2421.00	90.70	181.40	1423.06	-645.84	-1074.63	7.46	1074.66	1074.66	179.60	5.01
2430.38	90.80	181.40	1422.94	-645.72	-1084.01	7.23	1084.03	1084.03	179.62	.32
2439.97	90.50	180.90	1422.83	-645.61	-1093.60	7.04	1093.62	1093.62	179.63	1.82
2449.59	90.80	180.80	1422.72	-645.50	-1103.21	6.89	1103.23	1103.24	179.64	.99
2458.89	91.30	180.40	1422.55	-645.33	-1112.51	6.80	1112.53	1112.53	179.65	2.07
2468.55	91.90	180.40	1422.28	-645.06	-1122.17	6.73	1122.19	1122.19	179.66	1.86
2478.15	91.00	180.50	1422.03	-644.81	-1131.76	6.65	1131.78	1131.78	179.66	2.83
2487.23	91.00	180.20	1421.88	-644.66	-1140.84	6.60	1140.86	1140.86	179.67	.99
2496.85	90.60	180.60	1421.74	-644.52	-1150.46	6.53	1150.48	1150.48	179.67	1.76
2506.46	90.80	180.60	1421.62	-644.40	-1160.07	6.43	1160.08	1160.09	179.68	.62

2516.09	90.90	180.20	1421.48	-644.26	-1169.70	6.36	1169.71	1169.72	179.69	1.28
2519.00	91.00	180.50	1421.43	-644.21	-1172.61	6.35	1172.62	1172.63	179.69	3.26
PROJECTION TO TD										
2534.00	91.00	180.50	1421.17	-643.95	-1187.61	6.22	1187.62	1187.62	179.70	.00

DAILY DRILLING OPERATIONS SUMMARY Para et al Cameron 2H-03

DAILY DRILLING SUMMARY

Date	Depth m.		Progress	Daily Operations Summary
	From	To		
21-Jan-11	27	223	196	Left Calgary. Arrived in High Level. Stayed in High Level.
22-Jan-11	223	361	138	Left High Level Arrived on location. Rig drilled from 223m to surface TD of 361. Wiper trip. Worked tight spots. Start POOH.
23-Jan-11	361	361	0	Ran surface casing. Worked tight spots. Cement casing. W.O.C. Welding work etc.
24-Jan-11	361	361	0	Nipple up BOPS. Changed pipe rams. Performed pressure tests. Hook up Kelly hose etc. Pre Drill out safety rig inspection. Wait on bit sub. Slip & cut. Rig up Gas Detector.
25-Jan-11	361	531	170	Wait on bit sub. Made up drill assembly. RIH. Tag cement @ 343.6m. Drilled out cement, float and shoe. Drilled 222mm intermediate hole from 361 to 531m.
26-Jan-11	531	784	253	Drilled 222mm intermediate hole from 531-784m.
27-Jan-11	784	983	199	Drilled 222mm intermediate hole from 784-860m. Wiper trip to 350m. Drilled from 860 to 983m.
28-Jan-11	983	1107	124	Drilled 222mm intermediate hole from 983-1000m. Jacked sub with rig Jackers. Drilled from 1000 to 1022m. Jacked sub To level the rig. Drilled from 1022 to 1107m.
29-Jan-11	1107	1121	14	Drilled 222mm intermediate hole 1107 to 1114m. Circulated. POOH. Made tri cone bit. RIH. Circulated hole clean. Prepared to skid the rig. Skid & releveled the rig. Rig up front end of rig. Pressure tested HCR line. Drilled 222mm from 1114 to 1121m.
30-Jan-11	1121	1222	101	Drilled 222mm intermediate hole from to 1121-1136m. Worked tight spot. Drilled 1136-1145. Worked tight spots. Drilled 1145-1154. Worked tight spots. Drilled 1154-1222m.

31-Jan-11	1222	1240	18	Drilled 222mm intermediate hole from 1222-1240m. Circulate. POOH. Pick up directional tools. RIH with directional tools to 950m while surveying and reaming tight spots.
01-Feb-11	1240	1280	40	RIH with directional tools from 950-1240m while surveying and reaming tight spots. Drilled 222mm intermediate hole from 1240 to 1280m. Changed breaker in light plant. Pason crashed. Wait on hot shot to bring pason main computer.
02-Feb-11	1280	1333	53	Replaced pason's main computer. Drilled 222mm intermediate hole from 1280 to 1333m. Rig started sinking again. Suspended drilling. Started moving associated equipment, tanks etc and prepared to put additional mating. The operation continued.
03-Feb-11	1333	1333	0	Completed Jacking/skidding of the rig. Spotted back dog house, mud tanks, cat walk etc. Install flow line. Conditioned mud and circulated. Started POOH to lay down drill pipes. Rig out Gas detector.
04-Feb-11	1333	1333	0	Complete POOH. Ran and pressure tested bridge plugs. Start tearing down rig to move to E-52. Drilling of 2H-03 to be resumed after rebuilding of the lease.
16-Feb-11	1333	1333	0	Left Calgary & arrived on location. The rig moved back to location from E-52. Wait on Day light.
17-Feb-11	1333	1333	0	Wait on Day light. Spot mats and the rig. Moved shacks and rentals to location. Rig up steam, air and power. Rig in mud tanks and mud pumps. Raised lower section of derrick.
18-Feb-11	1333	1333	0	Worked on draw works. Warm up & Nipple up BOPS and various lines. Raised top section of derrick. Displaced diesel fuel from the well. Pressure tested manifold. Started pressure testing BOPS. Rig up and tested gas detector.
19-Feb-11	1333	1333	0	Completed pressure testing. Pick up retrieving assembly and heavy weight. RIH. Retrieved both bridge plugs one by one. Slip and cut drill line. Made up directional tools. Made up lower Kelly cock. RIH to 446m. Reamed from 363 to 446m.
20-Feb-11	1333	1333	0	RIH with directional tools from MD 446 to 1327m while reaming and cleaning the hole.
21-Feb-11	1333	1416	83	RIH from 1327 to 1333m. Drilled 222mm intermediate hole from 1333 to 1416m.

22-Feb-11	1416	1424	8	Drilled 222mm intermediate hole from 1416 to 1424m. POOH for bit. Part of the mud motor assembly and the bit fell in the well while coming out. RIH for clean out trip. Fish top @ 1416.84m. Started POOH to pick up fishing tools. POOH to 711m.
23-Feb-11	1424	1424	0	POOH from 711m to surface. Make up fishing tools. Run in the hole to 1416m. Latch on to the fish. POOH. No fish. Wait on orders and rig repair. Made up milling tool for dressing up of top of the fish. RIH to 376m.
24-Feb-11	1424	1424	0	RIH to 1376 to 1416mm. Dressed up top of the fish with mill. Circulated. POOH. Made up over shot and grapple. RIH to fish part of the mud motor string and bit. Made attempts to latch on to fish but unable to get on to it. Started POOH to change fishing assembly.
25-Feb-11	1424	1424	0	POOH from 1360 to surface to change fishing tools. Wait on different fishing tools. Made up different fishing assembly and started running in the hole. Reamed and washed from 1351 to 1398m.
26-Feb-11	1424	1424	0	Reamed and washed from 1398 to 1417m. Rotated washed over fish. Tried to latch on to fish. POOH. No fish. Slip & cut. RIH to to 1296m to try catching the fish again..
27-Feb-11	1424	1424	0	RIH to 1296 to 2418m. Attempted to catch the fish. Fish could not be caught. POOH. RIH open ended to run cement plugs. Wait on cementers. Ran cement plugs. POOH.
28-Feb-11	1424	1333	0	Made up directional tools. RIH. Reamed/washed from 847 to 1290m. Drilled cement from 1290 to 1303m. Worked on Pason.
01-Mar-11	1333	1338	5	Drilled cement from 1303 to 1331m. Replaced aerated mud with fresh mud. Mixed defoamer. Drilled to 1333m. Well side tracked from 1333m. Control drilled from 1333 to 1338m. Examined samples every 0.5m for any cement content during controlled drilling.
02-Mar-11	1338	1413	75	Drilled 222mm intermediate hole from 1338-1413m. Examined 0.5m and 2.5m samples for any cement content from 1338 to 1350m.
03-Mar-11	1413	1503	90	Drilled 222mm intermediate build section hole from 1413-1503m.
04-Mar-11	1503	1534	31	Drilled 222mm intermediate build section hole from 1503 to landing point of 1534m. Circulated. Wiper trip to surface. Laid down directional tools.

05-Mar-11	1534	1534	0	Install and then remove rubber spacer from flow-T. RIH. Laid down 8 singles. Ream and clean from 1330 to 1534m. Condition mud and circulate. POOH to 1410. Worked the string free. POOH to 1328m. Reamed and washed to 1403m. Mixed one sack of gel every 2 minutes.
06-Mar-11	1534	1534	0	Reamed and washed to 1534m. Mixed one sack of gel every 2 minutes. Circulate bottoms up. POOH. Ran intermediate casing from o.o to 1378m. Washed casing from 1378 to 1420m. Second Geologist arrived on location.
07-Mar-11	1534	1534	0	Washed casing from 1420 to bottom. Ran , circulated and cemented intermediate casing. W.O.C. Welding work. Start pressure testing. Wait casing slips seal assembly. Cleaned mud tanks. Start nipple up BOPS.
08-Mar-11	1534	1545	11	Completed nippling up of BOPS. Performed pressure test. Made up directional tools. RIH. Drilled out intermediate casing cement. Drilled 156mm horizontal hole from 1534 to 1545m.
09-Mar-11	1545	1767	222	Drilled 156mm horizontal hole from 1545-1767m.
10-Mar-11	1767	1922	155	Drilled 156mm horizontal hole from 1767-1922m.
11-Mar-11	1922	2082	160	Drilled 156mm horizontal hole from 1922-2082m. Circulated bottoms up. Start POOH for bit and pipe swap trip. POOH from 2082 to 1794m.
12-Mar-11	2082	2088	6	POOH from 1794m to surface. Laid down directional tools. Made up directional tools and bit # 7. RIH to 1236m. RIH to bottom while reaming and washing numerous tight spots. Drilled 156mm horizontal hole 2083 to 2088m.
13-Mar-11	2088	2209	121	Drilled 156mm horizontal hole from 2088 to 2209m.
14-Mar-11	2209	2333	124	Drilled 156mm horizontal hole from 2209 to 2333m.
15-Mar-11	2333	2526	193	Drilled 156mm horizontal hole from 2333 to 2526m.
16-Mar-11	2526	2534	8	Drilled 156mm horizontal hole from 2526-2534m. TD. POOH. Laid down directional tools. Made up reaming tools. Start RIH. Ream and clean to 1635m. Drift each single as it is picked from the catwalk. Second Geologist Left wellsite for Calgary.
17-Mar-11	2534	2534	0	Ream and clean 1635 to 2228m. Drift each single as it is picked from the catwalk.
18-Mar-11	2534	2537	0	Ream and clean 2228 to 2537m. Drilled to 2537 while reaming. Pumped down logging tools. Started logging while tripping. POOH to 1150m.
19-Mar-11	2537	2537	0	Trip out of the hole 1150 to 943m. Recovered logging tools stuck in the drill pipe. RIH to bottom. Pick up logging tools. Pumped down logging tools. Rig up surface logging equipment and check shot. Logged while

tripping from 2535m to surface. Laid down logging tools and radioactive source. Started rig up to run liner.

20-Mar-11	2537	2537	0	Rig up to run liner. Made up packer BHA. Ran liner with packer assembly from surface to 980m. Ran casing from 980 to 2528m. Pump 11m3 water in the hole. Set open hole packers and bleed off drill pipe. Pull out of the liner, circulate and displace annulus with water. POOH and laid down pipe to 435m. Rig out gas detector.
21-Mar-11	2537	2537	0	POOH and laid down pipe from 435m to 0m. Laid down tubing hanger. Nipple down BOPS. Tear down rig. Moved Rig and trailers to E-52.

PARA ET AL CAMERON 2H-03**Unit 2H Section 03****Grid 60° 10' 117° 30'****SAMPLE RECORD**

KB: 777.22m

HAY RIVER FORMATION

1195-1200 SHALE 90% dark grey, black, micromicaceous, part calcareous, part marly, medium hard, fissile-subfissile, part splintery. LIMESTONE 10% grey, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1200-1205 SHALE 95% dark grey, black, micromicaceous, part calcareous, part marly, medium hard, part carbonaceous, fissile-subfissile. LIMESTONE 05% grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, trace pyrite, estimated 3% earthy porosity, no visible shows.

1205-1210 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, fissile-subfissile. LIMESTONE MINOR grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1210-1215 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile. LIMESTONE MINOR grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1215-1220 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile. Minor LIMESTONE as above.

1220-1225 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, some pyrite nodules, fissile-subfissile. LIMESTONE MINOR grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1225-1230 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, some pyrite nodules, fissile-subfissile. LIMESTONE MINOR grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1230-1235 SHALE 100% dark grey, gray, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, trace pyrite nodules, fissile-subfissile, part splintery. Trace limestone.

1235-1240 SHALE 100% dark grey, gray, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile, part splintery.

TRIP TO PICK UP DIRECTIONAL TOOLS FROM 0315HRS ON JAN. 31 TO 0345HRS
ON FEB. 01, 2011.

1240-1245 SHALE 100% dark grey, gray, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile, part splintery, Minor Limestone. Poor sample. Lot of cavings after the trip.

1245-1250 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile.

1250-1255 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile, part blocky, part splintery, Trace Limestone.

1255-1260 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile, part blocky.

1260-1265 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, medium hard, part carbonaceous, pyritic, trace pyrite nodule, fissile-subfissile, part blocky.

START OF BUILD/ KICK OFF POINT 1266m MD

1265-1270 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, hard to medium hard, part carbonaceous, pyritic, fissile-subfissile, part blocky, part splintery. Trace Limestone.

1270-1275 NO SAMPLE.

1275-1280 SHALE 70% grey, dark grey, black, micromicaceous, calcareous, hard to medium hard, part carbonaceous, pyritic, fissile-subfissile, part blocky. LIMESTONE 30% grey, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows. Some mud materials in the sample.

1280-1285 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, hard to medium hard, part carbonaceous, pyritic, trace pyrite nodule, trace coal, fissile-subfissile. Trace Limestone.

1285-1295 SHALE 100% grey, dark grey, black, minor gray brown, micromicaceous, calcareous, hard to medium hard, part carbonaceous, pyritic, trace pyrite nodule, fissile-subfissile.

1295-1300 SHALE 100% grey, dark grey, black, minor gray brown, micromicaceous, calcareous, hard to medium hard, minor carbonaceous, pyritic, trace pyrite nodules, fissile-subfissile.

1300-1305 SHALE 100% grey, black, dark grey, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, trace pyrite nodules, fissile-subfissile. Trace Limestone.

1305-1310 SHALE 100% grey, dark grey, black, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, trace pyrite nodules, fissile-subfissile.

1310-1315 SHALE 100% grey, dark grey, black, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile. Trace Limestone.

1315-1320 SHALE 100% grey, dark grey, black, trace brown, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile. TRACE LIMESTONE light grey, light brown, mudstone, micritic, microcrystalline- very fine crystalline, argillaceous, dense, tight, 0-3% earthy porosity, no shows.

1320-1325 SHALE 100% grey, dark grey, black, minor black brown, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile, part blocky, part platy. TRACE-MINOR LIMESTONE light grey, mudstone, micritic, microcrystalline- very fine crystalline, argillaceous, dense, tight, estimated 3% earthy porosity, no shows.

TOP BEAVER HILL LK. MD 1325m TVD 1322m (-544.78m)

1325-1330 SHALE 95% dark grey, black, minor black brown, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile, part blocky, part platy. LIMESTONE 5% light grey, mudstone, micritic, microcrystalline- very fine crystalline, argillaceous, pyritic, dense, tight, estimated 3% earthy porosity, no shows.

1330-1335 SHALE 90% dark grey, black, minor black brown, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, trace pyrite nodules, fissile-subfissile, part blocky, part splintery. LIMESTONE 10% light grey, light brown, mudstone, micritic, microcrystalline, rare chip fine crystalline, argillaceous, estimated 3% earthy porosity, no shows.

DRILLING SUSPENDED at 1533m MD ON FEB. 02, 2011 TO REBUILD THE LEASE.

DRILLING RESUMED ON FEB. 21, 2011 @ 0100HRS

1335-1340 SHALE 100% dark grey, black, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile. LIMESTONE MINOR TO 5% light grey, mudstone, micritic, microcrystalline, argillaceous, estimated 3% earthy porosity, no shows.

1340-1345 SHALE 95% grey, dark grey, black, hard to medium hard, micromicaceous, calcareous, minor carbonaceous, pyritic, some pyrite nodules, fissile-subfissile, part blocky. LIMESTONE 5% light grey, mudstone, micritic, microcrystalline, argillaceous, estimated 3% earthy porosity, no shows.

1345-1350 SHALE 90% grey, dark grey, black, hard to medium hard, micromicaceous, calcareous, part grading to marlstone, minor carbonaceous, pyritic, some pyrite nodules, fissile-subfissile, part blocky. LIMESTONE 10% light grey, trace brown, mudstone, micritic, microcrystalline, argillaceous, part pyritic, estimated 3% earthy porosity, no shows.

TOP SLAVE POINT MD 1353m TVD 1346m (-568.78m)

1350-1355 SHALE 60% as above. LIMESTONE 30% brown, mudstone, micritic, microcrystalline, estimated 3% earthy porosity, no visible shows. LIMESTONE 10% light grey, white, mudstone, dense, pyritic.

1355-1360 LIMESTONE 100% brown, mudstone, micritic, dense, cryptocrystalline to trace very fine crystalline, pyritic, trace pyrite nodules, tight, 3% earthy porosity, yellow white fair streaming cut.

1360-1365 LIMESTONE 100% brown, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-very fine crystalline, pyritic, trace free crystal, tight, 0-3% earthy porosity, yellow white fair streaming cut. Faint petroliferous odour.

1365-1370 LIMESTONE 100% brown, mudstone-wakestone, cryptocrystalline- very fine crystalline, traces pyretic, rare free crystal, estimated 3% pin point porosity, yellow white fair-good streaming cut. Gives petroliferous odour.

1370-1375 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyritic, trace dolomitic, estimated 3% earthy and pin point porosity, yellow white fair-good streaming cut, gives petroliferous odour.

1375-1380 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyretic, trace dolomitic, trace free crystal, estimated 3-6% earthy and pin point porosity, yellow white good streaming cut, gives petroliferous odour.

1380-1385 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, traces pyretic and dolomitic, trace pyrite nodules, rare anhydrite, estimated 3-6% earthy and pin point porosity, yellow white good streaming cut, gives petriferous odour.

1385-1390 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, traces pyretic, trace dolomitic, trace carbonaceous, rare Anhydrite, estimated 3% earthy and pin point porosity, yellow white good streaming cut. Trace Calcareous Dolomite.

1390-1395 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, traces pyretic, some pyrite nodules, carbonaceous partings, estimated 3% earthy and pin point porosity, yellow white good streaming cut. Trace Dolomite, Trace Anhydrite.

1395-1400 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, traces pyretic, some pyrite nodules, tight, estimated 3% earthy and pin point porosity, yellow white good streaming cut. Trace Dolomite.

1400-1405 LIMESTONE 100% as above.

DOLOMITE, CALCAREOUS MINOR brown, microcrystalline to very fine crystalline, calcareous, rare silty shale, estimated 3-9% intercrystalline and pin point porosity, yellow white good streaming cut. TRACE ANHYDRITE white, tan, hard, dense, calcareous.

TOP F-4 MD 1412m TVD 1387m (SS – 609.78m)

1405-1410 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyritic, estimated 3% earthy and pin point porosity, no visible to poor slow cut. Minor Dolomite, Trace Anhydrite.

1410-1415 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyritic, estimated 3% earthy and pin point porosity, good slow streaming cut. Trace Dolomite, Trace Anhydrite.

1415-1420 LIMESTONE 100% brown, mudstone-wakestone, lumpy, cryptocrystalline-minor very fine crystalline, traces pyretic, estimated 3% intergranular and pin point porosity, yellow white good slow streaming cut.

SHALE TRACE green, waxy-silky, medium hard-hard, micaceous, calcareous, pyretic, fissile-blocky.

1420-1424 LIMESTONE 100% brown, mudstone-wakestone, lumpy, cryptocrystalline-minor very fine crystalline, traces pyretic, estimated 3% intergranular and pin point porosity, yellow white fair slow streaming cut.

SHALE TRACE green, waxy-silky, medium hard-hard, micaceous, calcareous, pyretic, fissile-blocky. Minor Dolomite and Traces Anhydrite from above.

TOP WATT MTN. MD 1425.5m TVD 1394m (SS -616.78m)

1424-1430 LIMESTONE 60% brown, buff, mudstone-wakestone, trace grainstone, micritic, lumpy, dense, cryptocrystalline- very fine crystalline, pyritic, estimated 0-3% earthy and pin point porosity, no visible shows. SHALE 40% grey, dark grey caving. Trace Dolomite, Trace green Shale. Poor sample. Shale cavings.

TOP SULPHUR PT. LST. MD 1433m TVD 1397.5m (SS -620.28m)

1430-1435 LIMESTONE 70% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyrite nodules, estimated 3% earthy and pin point porosity, poor slow yellow white cut. SHALE 30% as above, caving, Trace green Shale.

1435-1440 LIMESTONE 70% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace dolomitic, trace pyrite nodules, estimated 3% earthy and pin point porosity, part fair slow yellow white cut. SHALE 30% as above, caving. Trace Green Shale.

1440-1445 LIMESTONE 80% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, Trace pyrite nodules, estimated 3% earthy and pin point porosity, fair slow yellow white cut. SHALE 20% grey. MINOR GREEN SHALE medium hard to hard, calcareous, pyritic. Poor samples, cavings from above.

1445-1450 LIMESTONE 80% brown, mudstone-wakestone, occasional grainstone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, occasional dolomitic, estimated 3% earthy and pin point porosity, fair slow yellow white cut. SHALE 20% grey, dark grey. Minor green shale. Poor samples, cavings from above.

1450-1455 LIMESTONE 80% brown, buff, mudstone-wakestone, occasional grainstone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, occasional dolomitic, trace pyritic, estimated 3-6% earthy and pin point porosity, yellow white streaming cut. TRACE Calc Dolomite. SHALE 20% grey, dark grey. Minor green shale. Poor samples, cavings from above.

1455-1460 LIMESTONE 70% brown, buff, mudstone-wakestone, occasional grainstone, micritic, lumpy, dense, cryptocrystalline-trace very fine crystalline, occasional dolomitic, trace pyritic, estimated 3% earthy and pin point porosity, yellow white streaming cut. SHALE 30% grey and green as above cavings.

1460-1465 LIMESTONE 80% brown, buff, mudstone-wakestone, rare grainstone, micritic, lumpy, dense, cryptocrystalline-trace very fine crystalline, trace dolomitic, trace

pyritie nodule, estimated 3% earthy and pin point porosity, yellow white streaming cut. SHALE 20% grey and green as above caving.

1465-1470 LIMESTONE 80% brown, buff, mudstone-wakestone, rare grainstone, micritic, lumpy, dense, cryptocrystalline-trace very fine crystalline, traces dolomitic, estimated 3% earthy and pin point porosity, yellow white good streaming cut. SHALE 20% grey and green as above caving.

1470-1475 LIMESTONE 80% brown, buff, mudstone-wakestone, trace grainstone, micritic, lumpy, dense, cryptocrystalline-very fine crystalline, traces dolomitic, Trace Calcareous Dolomite, trace free crystals, estimated 3% pin point and intercrystalline porosity, yellow white good streaming cut. SHALE 20% grey and green as above caving.

1475-1480 LIMESTONE 80% brown, buff, mudstone-wakestone, trace grainstone, micritic, lumpy, dense, cryptocrystalline-very fine crystalline, trace dolomitic, Trace Calcareous Dolomite, estimated 3% pin point and intercrystalline porosity, yellow white good streaming cut. SHALE 20% grey and green as above caving.

1480-1485 LIMESTONE 75% as above. DOLOMITE, CALCAREOUS 05% brown, grainstone-wakestone, very fine-minor fine crystalline, calcareous, trace free crystals, estimated 3-6% fracture and intercrystalline porosity, scattered bright yellow fluorescence, yellow white fair to good streaming cut. SHALE 20% grey and green as above caving.

1485-1490 LIMESTONE 90% as above, minor grainstone and calcareous. DOLOMITE, CALCAREOUS 10% brown, grainstone-wakestone, very fine-minor fine crystalline, calcareous, trace free crystals, estimated 3-6% pin point and intercrystalline porosity, yellow white good streaming cut. Some shale caving.

1490-1495 DOLOMITE, CALCAREOUS 70% brown, grainstone-wakestone, very fine-minor fine crystalline, calcareous, trace free crystals, estimated 3-6% pin point and intercrystalline porosity, yellow white good streaming cut. LIMESTONE 30% as above, part grainstone and calcareous. Some shale caving.

1495-1500 DOLOMITE 80% brown, trace dark brown, grainstone-wakestone, very fine-minor fine crystalline, part calcareous, trace free crystals, estimated 3-6% pin point and intercrystalline porosity, yellow white good streaming cut. LIMESTONE 20% as above, part grainstone and calcareous. Some shale caving.

TOP SULP PT. DOLO MD 1483.5m TVD 1415m (SS-637.78m)

1500-1505 DOLOMITE 100% brown, dark brown, grainstone-wakestone, very fine-minor fine crystalline, traces calcareous, estimated 3-6% pin point and intercrystalline porosity, yellow white good streaming cut. Minor Limestone. Some shale caving.

1505-1510 DOLOMITE 100% brown; minor dark brown, grainstone, minor wakestone, very fine-minor fine crystalline, estimated 3-6% intercrystalline porosity, yellow white good streaming cut.

1510-1515 DOLOMITE 100% brown, dark brown, grainstone, trace wakestone, very fine-minor fine crystalline, rare recrystallization, rare free crystal, estimated 3-6% intercrystalline, rare vuggy, porosity, yellow white good streaming cut.

1515-1520 DOLOMITE 100% brown, dark brown, grainstone, very fine-minor fine crystalline, estimated 3-6% intercrystalline, trace vuggy, porosity, yellow white good streaming cut.

1520-1525 DOLOMITE 100% brown, dark brown, grainstone, very fine-minor fine crystalline, estimated 3% intercrystalline, trace vuggy, porosity, yellow white good streaming cut.

1525-1530 DOLOMITE 100% brown, dark brown, grainstone, very fine-minor fine crystalline, estimated 3% intercrystalline porosity, yellow white good streaming cut

1530-1534 DOLOMITE 100% brown, dark brown, grainstone, very fine-minor fine crystalline, estimated 3-6% intercrystalline, rare vuggy, porosity, yellow white good streaming cut.

LANDED AT 1534m MD, 1422.26mTVD (SS – 645.04m) ON MARCH 04, 2011
@1130HRS.

HORIZONTAL SECTION

DRILLED OUT INTERMEDIATE CASING CEMENT AND STARTED DRILLING
HORIZONTAL SECTION ON MARCH 08, 2011 @ 2330 HRS.

1534-1540 DOLOMITE 100% buff, light to medium brown, grainstone-packstone, very fine-minor fine crystalline, trace microcrystalline, locally re-crystallized, estimated 3-6% intercrystalline and fracture porosity, yellow white good streaming cut.

TOP LOWER SULPHUR POINT DOLOMITE MD 1544m TVD 1423.02m (SS -645.8m)

1540-1550 DOLOMITE 100% light to medium brown, grainstone-packstone, very fine-fine crystalline, locally re-crystallized, estimated 3-6% intercrystalline and fracture porosity, yellow white good streaming cut.

1550-1560 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, rare free crystal, trace black shale parting, estimated 3-6% intercrystalline and fracture porosity, yellow white good streaming cut.

1560-1570 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, trace black shale partings, part bituminous, fair crystal relief, trace pyrite, nodules, estimated 3-6% intercrystalline porosity, yellow white good streaming cut.

1570-1580 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, local black shale partings, minor bituminous, fair crystal relief, trace pyritic nodules, estimated 3-6% intercrystalline porosity, spotty to even oil staining, yellow white good streaming cut. Faint petroliferous odour, smokes moderately when cooked.

1580-1590 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, local black shale partings, minor bituminous, fair crystal relief, trace pyritic nodules, estimated 3-6% intercrystalline porosity, even to spotty staining, yellow white good streaming cut. Faint petroliferous odour, smokes moderately when cooked.

1590-1600 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, local recrystallization, some free crystals, fair-poor crystal relief, estimated 3-6% intercrystalline porosity, even staining, yellow white good streaming cut. Faint petroliferous odour, smokes moderately when cooked.

1600-1610 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, some free crystals, fair-poor crystal relief, estimated 3-6% intercrystalline porosity, even Oil staining, yellow white good streaming cut. Faint petroliferous odour, smokes moderately when cooked.

1610-1620 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, estimated 3-6% intercrystalline and inferred occasional vuggy porosity, even Oil staining, yellow white good streaming cut. Faint petroliferous odour.

1620-1630 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, trace free crystals, trace pyrite, estimated 3-6% intercrystalline and inferred occasional vuggy porosity, even Oil staining, yellow white good streaming cut. Faint petroliferous odour.

1630-1640 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, trace free crystals, trace pyrite, estimated 3-6% intercrystalline and inferred occasional vuggy porosity, even Oil staining, yellow white good streaming cut. Faint petroliferous odour.

1640-1650 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, trace free crystals, trace shale partings, trace bituminous, estimated 3-6% intercrystalline and inferred occasional vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1650-1660 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-crystalline, trace free crystals, trace shale partings, trace bituminous, estimated 3-6%

intercrystalline and inferred occasional vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1660-1670 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace free crystals, trace shale partings, trace bituminous, estimated 3-6% intercrystalline and inferred vuggy porosity, spotty to even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1670-1680 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace shale partings, trace bituminous, estimated 3-9% intercrystalline and inferred vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1680-1690 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace shale partings, trace bituminous, estimated 3-9% intercrystalline, and inferred vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1690-1700 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace shale partings, trace bituminous, estimated 3-9% intercrystalline, and inferred vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1700-1705 NO SAMPLE.

1705-1710 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, estimated 3-6% intercrystalline, and inferred vuggy porosity, even to spotty oil staining, yellow white good streaming cut. Faint petroliferous odour.

1710-1720 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even-spotty oil staining, yellow white good streaming cut. Faint petroliferous odour.

1720-1730 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1730-1740 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1740-1750 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1750-1760 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3% intercrystalline porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1760-1770 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1770-1780 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3% intercrystalline porosity, even oil staining, yellow white good streaming cut.

1780-1790 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, estimated 3% intercrystalline porosity, even oil staining, yellow white good streaming cut.

1790-1795 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, trace pyrite, occasional black shale, estimated 3% intercrystalline porosity, even oil staining, yellow white good streaming cut.

1795-1800 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, trace pyrite, some recrystallization and free crystals, trace pyrite, estimated 3-6% intercrystalline and inferred vuggy porosity, spotty to even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1800-1810 DOLOMITE 100% medium to dark brown, white, grainstone-packstone, very fine-fine crystalline, trace bituminous, common recrystallization and free crystals, estimated 6-9% intercrystalline and inferred vuggy porosity, spotty oil staining, yellow white fair-good slow streaming cut. Faint petroliferous odour.

1810-1820 DOLOMITE 100% predominantly white coarse crystals, part medium to dark brown, grainstone-packstone, brown is very fine-fine crystalline, trace bituminous, abundant recrystallization and free crystals, estimated 6-9% vuggy and intercrystalline porosity, only brown is oil stained, spotty oil staining, yellow white fair-good slow streaming cut.

1820-1830 DOLOMITE 100% predominantly white coarse crystals, part medium to dark brown, grainstone-packstone, brown is very fine-fine crystalline, trace bituminous, abundant recrystallization and free crystals, estimated 6-9% vuggy and intercrystalline porosity, only brown is oil stained, spotty oil staining, yellow white fair-good slow streaming cut.

1830-1840 DOLOMITE 100% white coarse crystals 50%, light to dark brown 50%, grainstone-packstone, brown is very fine-fine crystalline, trace bituminous, abundant

recrystallization and free crystals, estimated 6-9% vuggy and intercrystalline porosity, only brown is oil stained, spotty oil staining, yellow white fair-good slow streaming cut.

1840-1850 DOLOMITE 100% abundant white fine-coarse crystals, light to dark brown grainstone-packstone, brown is very fine- fine crystalline, trace shale, rare pyritic, estimated 6-9% vuggy and intercrystalline porosity, brown is oil stained, spotty oil staining, yellow white fair slow streaming cut.

1850-1860 DOLOMITE 100% light to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, occasional shale, common clear and fine to coarse crystals, trace pyritic, estimated 3-6% intercrystalline and vuggy porosity, brown is oil stained, spotty oil staining, yellow white poor slow cut.

1860-1870 DOLOMITE 100% buff, light brown, minor dark brown, grainstone-packstone, very fine-minor microcrystalline, trace bituminous, occasional shale, trace free crystals, trace pyritic, estimated 3-6% intercrystalline and vuggy porosity, spotty oil staining, poor slow cut.

1870-1880 DOLOMITE 100% light to dark brown, grainstone-wakestone, very fine-minor microcrystalline, trace bituminous, trace shale, common medium to coarse free crystals, estimated 3-6% intercrystalline and vuggy porosity, spotty oil staining, poor slow cut.

1880-1890 DOLOMITE 100% light brown, part dark brown, grainstone-wakekstone, microcrystalline to very fine, trace bituminous, rare shale, common free crystals, estimated 3-6% intercrystalline and vuggy porosity, spotty oil staining, poor slow cut. Faint petroliferous odour.

1890-1900 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, bituminous, poor petroliferous odour estimated 3-6% intercrystalline porosity, spotty oil staining, yellow white streaming cut.

1900-1910 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, bituminous, poor-fair petroliferous odour estimated 3-6% intercrystalline porosity, spotty oil staining, yellow white streaming cut.

1910-1920 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, bituminous, poor petroliferous odour estimated 3-6% intercrystalline porosity, spotty oil staining, golden white streaming cut.

1920-1930 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, bituminous, poor-fair petroliferous odour estimated 3-6% intercrystalline porosity, spotty oil staining, yellow white streaming cut.

1930-1940 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, rare pyritic, rare shale, poor petroliferous odour, estimated 3-6% intercrystalline porosity, spotty oil staining, yellow white streaming cut.

1940-1950 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, minor microcrystalline, trace bituminous, rare pyritic, rare shale, estimated 3-9% intercrystalline and trace vuggy porosity, spotty oil staining, milky white good streaming cut, faint petroliferous odour.

1950-1960 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, rare shale, estimated 3-9% intercrystalline and trace vuggy porosity, spotty oil staining, milky white good streaming cut, faint petroliferous odour.

1960-1970 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even-spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

1970-1980 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even-spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

1980-1990 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, occasional free coarse clear crystals, trace bituminous, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even-spotty oil staining, yellow white good streaming cut, faint petroliferous odour. Traces of oil over the shaker.

1990-2000 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, rare free coarse clear crystals, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour. Traces of oil over the shaker.

2000-2010 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, rare free crystals, trace bituminous, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour. Traces of oil over the shaker.

2010-2020 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, rare free crystals, trace bituminous, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2020-2030 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, rare free crystals, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2030-2040 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, minor microcrystalline, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even, part spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

2040-2050 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, rare shale, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2050-2060 DOLOMITE 100% light to medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2060-2070 DOLOMITE 100% medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, minor microcrystalline, trace bituminous, estimated 3-6% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2070-2080 DOLOMITE 100% medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, minor microcrystalline, trace bituminous, estimated 3-6% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2080-2090 DOLOMITE 100% light to medium brown, rare dark brown, grainstone-packstone, sucrosic, very fine- fine crystalline, bituminous, strong petroliferous odour, good oil flow on shaker, estimated 6-9% combined intercrystalline and vuggy porosity, even oil staining, golden white streaming cut.

2090-2100 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, bituminous, estimated 6-9% combined intercrystalline and vuggy porosity, even oil staining, golden white streaming cut, strong petroliferous sample odour, oil over the shaker.

2100-2110 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, bituminous, estimated 3-6% combined intercrystalline and vuggy porosity, even oil staining, golden white streaming cut, oil over the shaker, strong petroliferous sample odour.

2110-2120 DOLOMITE 100% medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, estimated 3-6% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, oil over the shaker, moderate petroliferous sample odour.

2120-2130 DOLOMITE 100% medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, oil over the shaker, moderate petroliferous sample odour.

2130-2140 DOLOMITE 100% medium brown, light brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, rare shale, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, moderate petroliferous sample odour.

2140-2150 DOLOMITE 100% medium brown, light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, minor microcrystalline, rare bituminous, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, moderate petroliferous sample odour.

2150-2160 DOLOMITE 100% medium brown, light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, traces microcrystalline, rare bituminous, estimated 3-9% intercrystalline and vuggy porosity, even, minor spotty, oil staining, yellow white good streaming cut, moderate petroliferous sample odour.

2160-2170 DOLOMITE 100% medium brown, light brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, rare bituminous, estimated 3-9% intercrystalline and vuggy porosity, even-spotty oil staining, yellow white good streaming cut.

2170-2180 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, occasional free crystals, trace pyritic, trace bituminous, rare shale, estimated 3-6% intercrystalline, occasional vuggy, porosity, even oil staining, yellow white good streaming cut.

2180-2190 DOLOMITE 100% light- medium brown, occasional dark brown, grainstone-packstone, sucrosic, very fine crystalline, rare free crystals, rare shale, slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, part spotty oil staining, yellow white fair streaming cut, moderate petroliferous sample odour.

2190-2200 DOLOMITE 100% light- medium brown, occasional dark brown, grainstone-packstone, sucrosic, very fine crystalline, rare free crystals, rare shale, slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, spotty to even oil staining, yellow white fair streaming cut. Moderately petroliferous sample odour.

2200-2210 DOLOMITE 100% light- medium brown, occasional dark brown, grainstone-packstone, sucrosic, very fine crystalline, rare free crystals, rare shale, slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, spotty to even oil staining, yellow white fair streaming cut.

2210-2220 DOLOMITE 100% light- medium brown, occasional dark brown, grainstone-packstone, sucrosic, very fine crystalline, rare free crystals, rare shale, slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, spotty to even oil staining, yellow white fair streaming cut.

2220-2230 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-traces fine crystalline, minor slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even oil staining, yellow white fair-good streaming cut.

2230-2240 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even oil staining, yellow white good streaming cut.

2240-2250 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, traces slightly bituminous, occasional recrystallization and free crystals, estimated 3-6% intercrystalline, occasional vuggy, porosity, even oil staining, yellow white good streaming cut.

2250-2260 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, traces bituminous, rare shale, estimated 3-6% intercrystalline, and trace vuggy porosity, even oil staining, yellow white good streaming cut.

2260-2270 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace free crystals, estimated 3-6% intercrystalline and trace vuggy porosity, even oil staining, yellow white good streaming cut.

2270-2280 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, rare pyritic, estimated 3-6% intercrystalline and trace vuggy porosity, even oil staining, yellow white good streaming cut.

2280-2290 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, rare pyritic, occasional free crystals, estimated 3-9% intercrystalline and minor vuggy porosity, even oil staining, yellow white good streaming cut.

2290-2300 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, traces pyritic, common free crystals, rare shale, estimated 6-12% intercrystalline and vuggy, possible fracture, porosity, even to spotty oil staining, yellow white good streaming cut.

2300-2310 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, abundant medium and coarse free crystals, rare shale, estimated 3-9% intercrystalline and vuggy porosity, even to spotty oil staining, yellow white good streaming cut.

2310-2320 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, abundant medium and coarse free crystals, rare shale, estimated 3-9% intercrystalline and vuggy porosity, even to spotty oil staining, yellow white good streaming cut.

2320-2330 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, common free crystals, rare shale, estimated 3-9% intercrystalline and minor vuggy, porosity, even to spotty oil staining, yellow white good streaming cut.

2330-2340 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, free crystals, estimated 3-6% intercrystalline and minor vuggy, porosity, even oil staining, yellow white good streaming cut.

2340-2350 DOLOMITE 100% light-medium brown, grainstone-packstone, sucrosic, very fine-fine crystalline, bituminous, some free crystals, estimated 3-9% intercrystalline and vuggy, inferred fracture, porosity, even oil staining, yellow white good streaming cut.

2350-2360 DOLOMITE 100% light-medium brown, grainstone-packstone, sucrosic, very fine-fine crystalline, bituminous, trace free crystals, estimated 6-9% intercrystalline and vuggy, inferred fracture, porosity, even oil staining, yellow white good streaming cut.

2360-2370 DOLOMITE 100% medium brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, trace free crystals, rare shale, estimated 6-9% intercrystalline and vuggy, inferred fracture, porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2370-2380 DOLOMITE 100% medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, occasionally bituminous, trace free crystals, rare shale, rare coal, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2380-2395 DOLOMITE 100% medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, occasionally bituminous, trace free crystals, trace pyritic, rare shale, rare coal, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2395-2405 DOLOMITE 100% buff, light brown, part medium brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, occasionally bituminous, trace carbonaceous shale partings, trace pyritic, estimated 6-9% intercrystalline and inferred vuggy porosity, light brown even-minor spotty oil staining, milky white good fast streaming cut, faint petroliferous odour.

2405-2415 DOLOMITE 100% buff, light brown, medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, occasionally bituminous, trace carbonaceous shale partings, trace pyritic, estimated 6-12% intercrystalline and

inferred vuggy porosity, light brown even-minor spotty oil staining, milky white good fast streaming cut, faint petroliferous odour.

2415-2430 DOLOMITE 100% buff, light to medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, occasionally bituminous, common carbonaceous shale partings, trace pyritic, estimated 6-12% intercrystalline and inferred vuggy porosity, light brown even-minor spotty oil staining, milky white good streaming cut, faint petroliferous odour.

2430-2435 DOLOMITE 100% buff, light to medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, occasionally bituminous, traces carbonaceous shale partings, trace pyritic, estimated 6-12% intercrystalline and inferred vuggy porosity, light brown even-part spotty oil staining, milky white good slow streaming cut, faint petroliferous odour.

2435-2445 DOLOMITE 100% light to medium brown, trace dark brown, grainstone-minor packstone, sucrosic, very fine- fine crystalline, occasionally bituminous, common carbonaceous shale partings, traces pyritic, estimated 6-12% intercrystalline and inferred vuggy porosity, light brown even-part spotty oil staining, milky white good slow streaming cut, faint petroliferous odour.

2445-2455 DOLOMITE 100% light to medium brown, grainstone-minor packstone, sucrosic, very fine-fine crystalline, trace bituminous, common carbonaceous shale partings, traces pyritic, estimated 6-12% intercrystalline and vuggy porosity, even-spotty oil staining, milky white slow streaming cut, faint petroliferous odour.

2455-2465 DOLOMITE 100% buff, light to medium brown, grainstone-minor packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous shale partings, traces pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, milky white slow streaming cut, faint petroliferous odour.

2465-2475 DOLOMITE 100% buff, light to medium brown, trace dark brown, grainstone-minor packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous shale partings, traces pyritic, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, milky white slow streaming cut, faint petroliferous odour.

2475-2485 DOLOMITE 100% medium brown, minor dark brown, grainstone- packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous shale partings, traces pyritic, estimated 6-9% intercrystalline and vuggy porosity, even to minor spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

2485-2500 DOLOMITE 100% medium brown, minor dark brown, grainstone- packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous shale partings, traces pyritic, estimated 6-9% intercrystalline and vuggy porosity, even to minor spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

2500-2505 DOLOMITE 100% medium-light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous, shale partings, pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, poor slow cut.

2505-2515 DOLOMITE 100% medium-light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, occasional carbonaceous shale partings, pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, no visible-poor slow cut.

2515-2525 DOLOMITE 100% medium-light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, trace carbonaceous shale partings, pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, white yellow good streaming cut.

TOP LOWER SULPHUR POINT AT TOE MD 2530m TVD 1421.22m (SS -644m)

2525-2534 DOLOMITE 100% medium-light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, trace carbonaceous, pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, white yellow good streaming cut, faint petroliferous odour.

2534-2537 NO SAMPLE. The well was later drilled to 2537m MD, on March 18, 2011, while reaming the hole prior to running of liner.

TD: 2537m MD. ORIGINAL TD WAS 2534m MD, TVD 1421.17m (SS -643.95m)
REACHED ON MARCH 16, 2011@ 0215HRS.

BIT RECORD

Bit No	Size mm	Make	Type	Sr. #	Depth IN/Out (m)	Bit Mtrs	Bit Hrs	Wt Da N 100 0	RPM	Cumul. Hrs	Remarks
1	349	King Dream	HTOB G-1C	L29145	0022/0361	339	28.00	11	155	028.0	Surf. Hole
2	222	Reed	MSF-513	128437	0361/1114	753	74.25	4-8	100-140	102.25	Intermed. Hole
3	222	Reed	Tricone	EM 2856	1114/1240	126	23.25	13-15	100-125	125.50	
4	222	Reed	R20A MP	W30040	1240/1333	093	10.50	10-12	25-40	136.00	
4R R	222	Reed	R20A MP	W30040	1333/1424	091	32.50	12-14	42-45	162.50	Lost in the hole
5	222	Reed	R09A MP	JW5842	1333/1534	201	57.50	17-19	40-45	220.00	Side Track
6	156	Ulterra	513	5954	1534/2082	548	48.00	6.5-7.5	39-43	268.00	
7	156	Ulterra	155U D513	4563	2082/2534	452	59.25	7.5-10	39-45	237.25	

BIT HOURS TO DRILL 361m OF SURFACE HOLE:	028.00
BIT HOURS TO DRILL 1173m OF INTERMEDIATE HOLE:	192.00
BIT HOURS TO DRILL m OF MAIN HORIZONTAL HOLE:	107.25
TOTAL BIT HOURS TO DRILL 2534m OF HOLE:	237.25

MUD RECORD

MUD COMPANY: Marquis Alliance					MUD TYPE: Gel Polymer
MUD UP @: 1068m					
DEPTH (m)	DEN. Kg/m ³	VIS. (S/L)	W.L. (ml/30 min)	pH	REMARKS
392	1050	38	-	9.0	Floc. Water 361-1068m.
592	1030	37	-	9.5	
860	1040	36	-	8.0	
1022	1040	38	-	9.5	
1032	1110	34	-	8.0	
1116	1120	43	12.0	8.5	
1148	1140	54	11.0	9.0	
1230	1130	50	7.0	8.5	
1245	1120	49	7.0	8.0	
1294	1120	49	8.0	8.0	
1349	1120	46	9.0	9.5	Drilled to 1424 & Sidetracked from 1333m.
1343	1060	42	13	12.0	Side Track
1398	1080	40	9.0	12.0	
1428	1110	48	9.0	10.5	
1460	1100	48	11.0	9.5	
1514	1110	52	8.0	10.0	
1541	1005	37	15.0	12.5	
1597	1020	38	9.5	11.0	
1695	1010	37	8.0	10.0	
1797	1010	40	7.5	10.5	
1880	1030	40	5.0	9.5	
2021	1040	38	5.5	9.5	
2116	1050	40	7.5	10.0	
2188	1030	38	7.5	9.0	
2217	1040	38	8.0	10.5	
2280	1030	41	6.0	9.0	
2374	1040	36	6.0	10.0	
2501	1030	38	7.0	10.5	

ENCLOSURES

The following are enclosed as part of this report:

1. Build section Measured Depth Geological Strip Log.
2. Build section TVD Geological Strip Log.
3. Lateral Section Measured Depth Horizontal Strip Log.
4. CD.

DISTRIBUTION

The ORIGINAL and FIVE copies of the geological report on Para et al Cameron 2H-03 have been completed. The ORIGINAL and FOUR copies of the report are being forwarded to Paramount Resources Ltd. and the remaining copy is being retained by Moh & Associates Oilfield Consultants Ltd.

Respectfully,

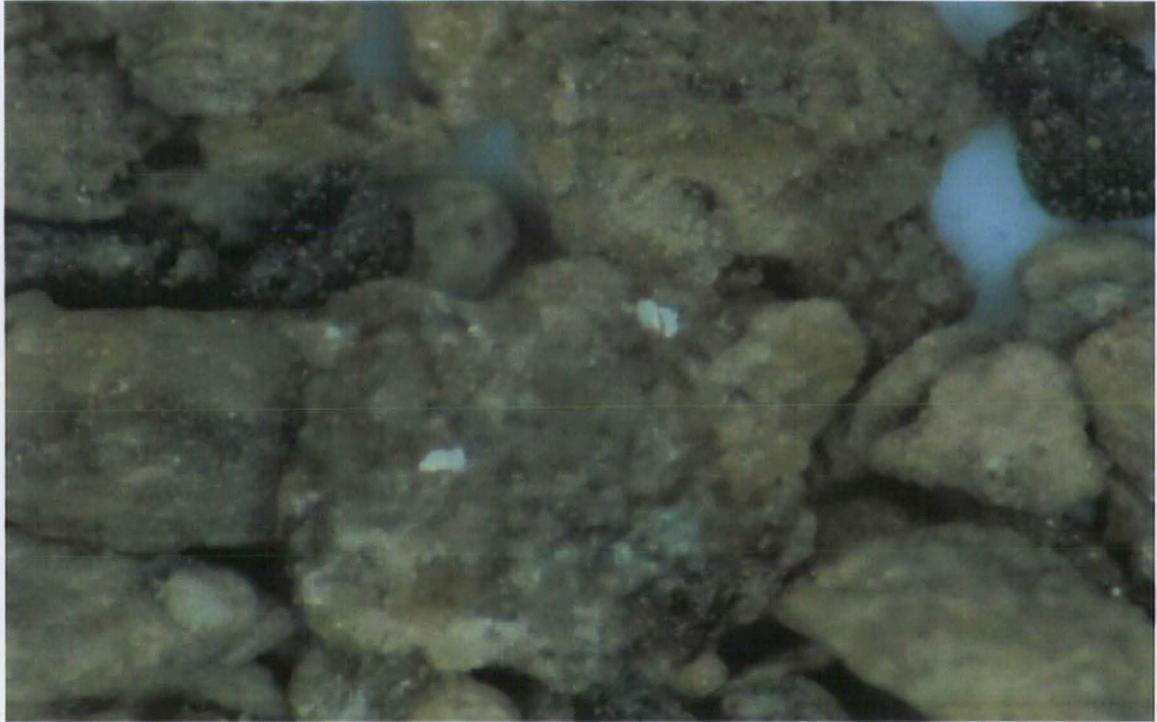
Moh Sahota, B.Sc. (Hons.), M.Sc. (Geology)
President
Moh and Associates Oilfield Consultants Ltd.



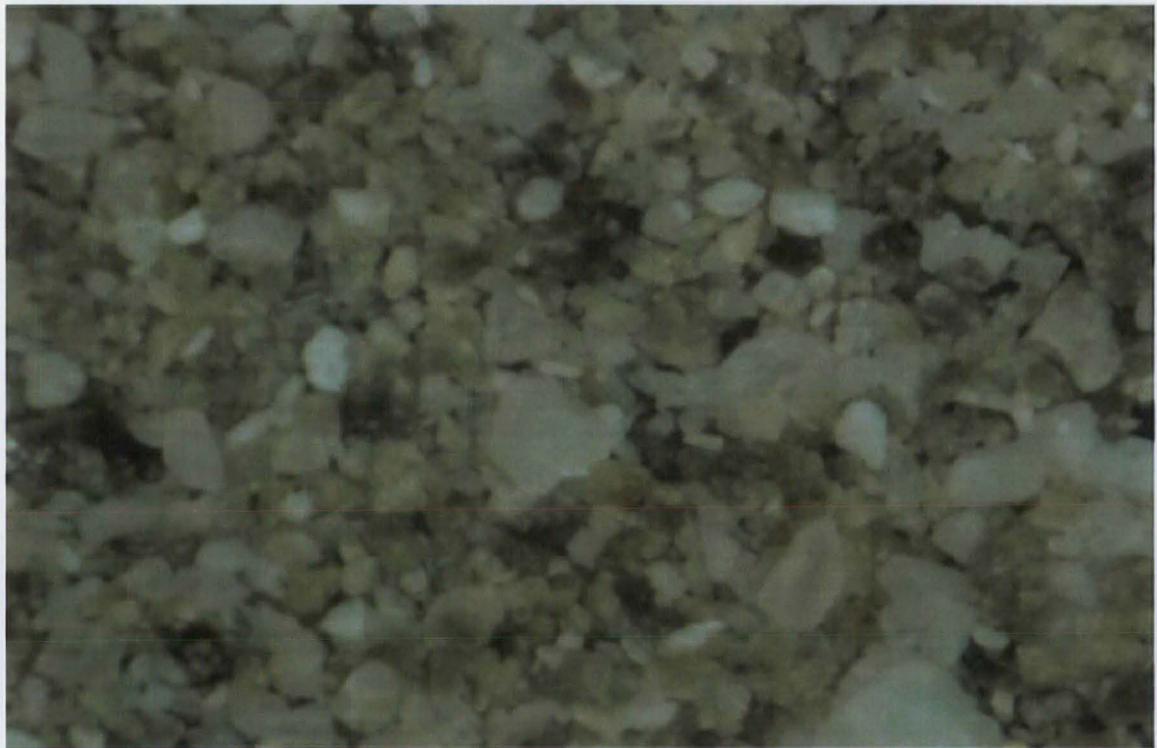
Sul Pt. Dol. 1520-1525mMD-Build Sec. 2H-03-Vuggy Porosity



Sul Pt. Dol. 1530-1534mMD-At Landing of 2H-03



Sul Pt. Dol 1560-1565mMD-Hor Sec. 2H-03- Vuggy Porosity



Sul Pt Dol 1830-1835mMD Hor Sec 2H-03- Abundant free Crystals



Sul Pt Dol 1955-1960mMD Hor Sec 2H-03- Vuggy Porosity



Sul Pt Dol 2270-2275mMD Hor Sec 2H-03



Sul Pt Dol 2485-2490mMD Hor Sec 2H-03-Free crystals and Vugs



Sul Pt Dol 2530-2534mMD Hor Sec 2H-03

SUMMARY OF WELL DATA

OPERATOR	Paramount Resources Ltd.
WELL NAME	Para et al 2H-03
SURFACE LOCATION	Unit 2H Section 03 Grid 60° 10' 117° 30'
SURFACE COORDINATES	Lat. 60° 02' 20.4" Long. 117° 30' 6.3"
BOTTOM HOLE COORDINATES	--
UWI	302H036010117300
FIELD	Cameron Hills
PROVINCE/REGION	NWT Mainland
WELL LICENCE NUMBER	2073
WELL TYPE	Horizontal Development Well.
A.F.E. NUMBER	10N110009
GROUND ELEVATION	770.20m
K.B. ELEVATION	777.22m
DRILLING CONTRACTOER	Nabors Drilling Rig # 24
SPUD DATE	January 20, 2011 @ 2345Hrs.
COMPLETED DRILLING	March 16, 2011 @ 0215 Hrs.
TOTAL DEPTH DRILLER	2537MD m.
TOTAL DEPTH LOGGERS	
SURFACE HOLE SIZE	349 mm.
INTERMEDIATE HOLE SIZE	222 mm.
MAIN/HORIZONTAL HOLE SIZE	156 mm.

SAMPLES For PARAMOUNT
RESOURCES LTD.

None.

SAMPLES FOR NEB

1275m MD to TD, 2 sets of vial and
one set of unwashed bags.

SURFACE CASING RECORD

Size OD (mm)	Size ID (mm)	Weight Kg/m	Make	Type	Grade	Shoe at (m)	No Of Joints	Remarks
244.5	228.6	48.1	Evraz	ST&C	J-55	360	27	New

INTERMEDIATE CASING RECORD

Size OD (mm)	Size ID (mm)	Weight Kg/m	Make	Type	Grade	Shoe at (m)	No Of Joints	Remarks
177.8	158.5	34.3	Evraz	LT&C	L-80	1531	115	New

LOG RECORD

Company	Log Type	Interval (m)
DataLog LWT	1. Compensated Neutron Density Gamma Ray Log. + Density Porosity Log 2. Dual Induction Gamma Ray	2511-5.05m MD 1532- 2511m MD 2511-1532m MD

STATUS: POTENTIAL LOWERSULPHUR POINT OIL WELL.

SUMMARY OF GEOLOGICAL MARKERS, TESTS & CORES**GEOLOGICAL MARKERS**

K.B: 777.22m

FORMATION MARKER	SAMPLE TOP		LOGS TOP		
	TMD (m)	TVD(m)	TMD (m)	TVD(m)	Subsea (m)
WABAMUN	-	-	551.5	551.5	225.72
	-	-			
JEAN MARIE	-	-	712.0	712.0	065.22
FORT SIMPSON	-	-	720.0	720.0	057.22
TWIN FALLS	-	-	832.0	832.0	054.78
HAY RIVER	-	-	1065.0	1065.0	-287.78
BEAVERHILL LAKE	1325.0	1322.0	1325.0	1322.0	-544.78
SLAVE POINT	1353.0	1346.0	1352.0	1345.5	-568.28
F 4	1412.0	1387.0	1411.5	1386.5	-609.28
WATT MOUNTAIN	1425.5	1394.0	1424.0	1393.5	-616.28
SULPHUR POINT LST	1433.0	1397.5	1431.5	1397.0	-619.78
SULPHUR POINT DOL.	1483.5	1415.0	1486.0	1415.0	-638.56
ICP/LANDING	1534.0	1422.26	-	-	-645.04
LR. SULPHUR PT. DOL AT HEEL			1544.0	1423.02	-645.80
LR. SULPHUR PT. DOL AT TOE			2530.0	1421.22	-644.00
TOTAL DEPTH DRILLER	2537.0	421.20	2537.0	1421.20	-643.98
TOTAL DEPTH LOGGERS			2535.1	1421.20	-643.98

CORES

DATE:

Formation	Interval (m)	Recovered.	Recovery %	Coring Equip.

SIDE WALL CORING SUMMARY

CORING DATE:

Plug #	Time	Depth(m)	Recovery	Plug #	Time	Depth(m)	Recovery

DIRECTIONAL SURVEYS

Measured Depth Meters	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Subsea TVD Meters	N-S Meters	E-W Meters	Vertical Section Meters	CLOSURE Distance Meters	CLOSURE Direction Deg	Dogleg Severity Deg/30
.00	.00	.00	.00	777.22	.00	.00	.00	.00	.00	.00
396.60	.90	303.30	396.58	380.64	1.71	-2.60	-1.73	3.11	303.30	.07
532.47	1.90	250.90	532.42	244.80	1.56	-5.62	-1.60	5.84	285.49	.34
666.78	2.90	242.90	666.61	110.61	-.72	-10.75	.63	10.78	266.18	.24
798.94	.20	171.70	798.71	-21.49	-2.47	-13.70	2.36	13.92	259.78	.65
933.16	.50	146.10	932.93	-155.71	-3.19	-13.34	3.08	13.71	256.56	.07
1066.81	.50	135.40	1066.57	-289.35	-4.09	-12.60	3.99	13.25	252.03	.02
1200.43	.80	52.00	1200.18	-422.96	-3.93	-11.46	3.84	12.11	251.08	.20
1223.05	1.10	29.20	1222.80	-445.58	-3.64	-11.23	3.55	11.80	252.03	.63
1232.45	1.20	21.50	1232.20	-454.98	-3.47	-11.15	3.38	11.67	252.71	.59
1242.03	1.10	11.20	1241.78	-464.56	-3.29	-11.09	3.20	11.57	253.50	.72
1251.05	.90	357.50	1250.80	-473.58	-3.13	-11.08	3.04	11.51	254.22	1.03
1261.27	.30	241.10	1261.02	-483.80	-3.06	-11.10	2.98	11.52	254.58	3.13
1270.88	3.10	184.80	1270.62	-493.40	-3.33	-11.15	3.25	11.64	253.35	9.19
1280.49	8.10	174.60	1280.18	-502.96	-4.27	-11.11	4.18	11.90	248.98	15.85
1308.50	22.50	169.10	1307.13	-529.91	-11.53	-9.90	11.46	15.20	220.64	15.48
1318.11	26.40	169.20	1315.88	-538.66	-15.44	-9.15	15.37	17.95	210.66	12.18
1326.35	27.90	169.90	1323.21	-545.99	-19.14	-8.47	19.07	20.93	203.88	5.58
1335.37	29.00	167.80	1331.14	-553.92	-23.35	-7.64	23.29	24.57	198.11	4.94
1344.56	31.80	165.90	1339.06	-561.85	-27.88	-6.58	27.83	28.64	193.28	9.66
1354.16	35.50	165.20	1347.06	-569.84	-33.03	-5.25	32.99	33.44	189.03	11.63
1364.77	39.30	165.70	1355.48	-578.26	-39.27	-3.63	39.24	39.43	185.28	10.78
1373.38	43.20	165.30	1361.95	-584.73	-44.76	-2.21	44.74	44.82	182.83	13.62
1382.48	46.50	166.70	1368.41	-591.19	-50.99	-.66	50.98	50.99	180.74	11.36
1392.09	50.00	167.90	1374.80	-597.58	-57.98	.91	57.99	57.99	179.10	11.28
1401.71	52.90	168.90	1380.80	-603.58	-65.35	2.43	65.37	65.39	177.87	9.37
1411.33	55.30	171.60	1386.44	-609.22	-73.03	3.74	73.06	73.12	177.07	10.13
1420.94	58.30	172.80	1391.70	-614.48	-80.99	4.83	81.03	81.14	176.59	9.88
1430.55	60.90	173.80	1396.56	-619.34	-89.23	5.80	89.27	89.41	176.28	8.55
1439.72	63.90	175.70	1400.81	-623.59	-97.32	6.54	97.37	97.54	176.16	11.25
1449.11	67.10	175.70	1404.71	-627.49	-105.84	7.18	105.89	106.08	176.12	10.22
1458.27	70.20	175.60	1408.04	-630.82	-114.34	7.83	114.40	114.61	176.08	10.16
1467.89	73.10	175.50	1411.07	-633.85	-123.44	8.54	123.51	123.74	176.04	9.05
1477.50	75.30	176.60	1413.68	-636.46	-132.67	9.17	132.74	132.99	176.05	7.62
1486.90	77.50	178.80	1415.89	-638.67	-141.80	9.54	141.87	142.12	176.15	9.79
1496.52	78.00	179.90	1417.94	-640.72	-151.20	9.64	151.27	151.50	176.35	3.70
1506.12	80.20	180.70	1419.75	-642.53	-160.62	9.59	160.69	160.91	176.58	7.30
1519.00	84.80	181.20	1421.43	-644.21	-173.39	9.38	173.46	173.64	176.90	10.78
1543.85	87.90	182.00	1423.01	-645.79	-198.17	8.69	198.24	198.36	177.49	3.86
1553.49	87.70	182.20	1423.38	-646.16	-207.80	8.34	207.86	207.97	177.70	.88
1562.66	89.70	181.40	1423.59	-646.37	-216.96	8.05	217.02	217.11	177.88	7.05

1572.22	91.60	181.20	1423.48	-646.26	-226.52	7.83	226.58	226.66	178.02	5.99
1581.39	92.30	180.50	1423.17	-645.95	-235.68	7.70	235.74	235.81	178.13	3.24
1591.02	92.30	180.40	1422.78	-645.57	-245.31	7.62	245.36	245.42	178.22	.31
1600.66	90.50	180.60	1422.55	-645.33	-254.94	7.54	254.99	255.05	178.31	5.64
1609.80	90.50	180.70	1422.47	-645.25	-264.08	7.43	264.13	264.19	178.39	.33
1619.43	90.50	180.70	1422.39	-645.17	-273.71	7.32	273.76	273.81	178.47	.00
1629.13	89.80	181.50	1422.36	-645.14	-283.41	7.13	283.45	283.50	178.56	3.29
1638.51	89.10	181.00	1422.45	-645.23	-292.78	6.92	292.83	292.87	178.65	2.75
1648.13	89.00	181.40	1422.61	-645.39	-302.40	6.72	302.44	302.48	178.73	1.29
1657.74	88.40	181.40	1422.83	-645.61	-312.01	6.49	312.05	312.07	178.81	1.87
1667.34	88.80	180.00	1423.06	-645.84	-321.60	6.37	321.64	321.67	178.87	4.55
1676.69	88.40	180.60	1423.29	-646.07	-330.95	6.32	330.99	331.01	178.91	2.31
1686.30	89.20	180.00	1423.49	-646.27	-340.56	6.27	340.60	340.61	178.94	3.12
1695.95	88.80	179.90	1423.66	-646.44	-350.21	6.28	350.24	350.26	178.97	1.28
1705.54	89.80	179.90	1423.78	-646.56	-359.79	6.30	359.83	359.85	179.00	3.13
1715.15	89.00	179.50	1423.88	-646.66	-369.40	6.35	369.44	369.46	179.02	2.79
1724.79	91.00	179.20	1423.88	-646.66	-379.04	6.46	379.08	379.10	179.02	6.29
1734.41	93.00	179.30	1423.54	-646.32	-388.66	6.58	388.69	388.71	179.03	6.24
1744.02	93.80	178.70	1422.97	-645.75	-398.25	6.75	398.29	398.30	179.03	3.12
1753.64	92.90	179.30	1422.41	-645.19	-407.85	6.92	407.89	407.91	179.03	3.37
1763.29	92.00	179.90	1422.00	-644.78	-417.49	6.98	417.53	417.55	179.04	3.36
1772.91	91.60	179.80	1421.70	-644.48	-427.10	7.01	427.15	427.16	179.06	1.29
1782.52	91.90	179.40	1421.40	-644.18	-436.71	7.08	436.75	436.77	179.07	1.56
1792.12	91.90	180.00	1421.08	-643.86	-446.30	7.13	446.35	446.36	179.09	1.87
1801.74	90.90	179.60	1420.85	-643.63	-455.92	7.16	455.96	455.98	179.10	3.36
1811.39	90.20	179.90	1420.76	-643.54	-465.57	7.20	465.61	465.63	179.11	2.37
1820.67	89.80	180.90	1420.76	-643.54	-474.85	7.14	474.89	474.90	179.14	3.48
1830.31	90.20	180.90	1420.76	-643.54	-484.49	6.99	484.53	484.54	179.17	1.24
1839.94	91.60	181.30	1420.61	-643.39	-494.12	6.80	494.15	494.16	179.21	4.54
1849.11	91.30	180.70	1420.37	-643.15	-503.28	6.64	503.32	503.33	179.24	2.19
1858.74	89.90	181.10	1420.27	-643.05	-512.91	6.49	512.94	512.95	179.27	4.54
1868.15	89.20	181.10	1420.35	-643.13	-522.32	6.31	522.35	522.36	179.31	2.23
1877.78	89.10	180.00	1420.49	-643.27	-531.95	6.22	531.98	531.98	179.33	3.44
1887.42	88.40	180.60	1420.70	-643.48	-541.58	6.17	541.62	541.62	179.35	2.87
1897.02	88.30	180.90	1420.98	-643.76	-551.18	6.04	551.21	551.21	179.37	.99
1906.68	88.30	180.90	1421.26	-644.04	-560.83	5.89	560.86	560.86	179.40	.00
1915.87	88.80	180.30	1421.49	-644.27	-570.02	5.79	570.05	570.05	179.42	2.55
1925.50	89.40	179.40	1421.65	-644.43	-579.65	5.82	579.68	579.68	179.42	3.37
1935.14	88.70	179.10	1421.81	-644.59	-589.29	5.95	589.31	589.32	179.42	2.37
1944.77	88.30	179.10	1422.06	-644.84	-598.91	6.10	598.94	598.94	179.42	1.25
1954.40	88.90	178.90	1422.29	-645.07	-608.54	6.26	608.57	608.57	179.41	1.97
1964.03	88.90	179.00	1422.48	-645.26	-618.16	6.44	618.20	618.20	179.40	.31
1973.50	89.90	178.50	1422.58	-645.36	-627.63	6.65	627.66	627.67	179.39	3.54
1982.91	90.60	178.20	1422.54	-645.32	-637.04	6.92	637.07	637.07	179.38	2.43
1992.27	90.40	178.40	1422.45	-645.23	-646.39	7.20	646.43	646.43	179.36	.91
2001.45	89.90	177.70	1422.43	-645.21	-655.57	7.51	655.61	655.61	179.34	2.81
2011.07	89.70	177.70	1422.46	-645.24	-665.18	7.89	665.22	665.23	179.32	.62
2020.29	90.70	177.90	1422.43	-645.21	-674.39	8.25	674.44	674.44	179.30	3.32
2029.52	90.30	177.10	1422.35	-645.13	-683.61	8.65	683.66	683.67	179.27	2.91
2039.12	90.20	177.60	1422.31	-645.09	-693.20	9.09	693.25	693.26	179.25	1.59

2048.74	89.40	176.50	1422.34	-645.12	-702.81	9.59	702.86	702.87	179.22	4.24
2057.97	89.20	177.00	1422.46	-645.24	-712.02	10.11	712.08	712.10	179.19	1.75
2067.55	89.60	176.90	1422.56	-645.34	-721.59	10.62	721.65	721.67	179.16	1.29
2076.91	89.30	176.90	1422.65	-645.43	-730.94	11.13	731.00	731.02	179.13	.96
2086.54	90.00	176.90	1422.70	-645.48	-740.55	11.65	740.62	740.64	179.10	2.18
2096.17	90.60	177.50	1422.65	-645.43	-750.17	12.12	750.24	750.27	179.07	2.64
2105.79	90.60	178.20	1422.55	-645.33	-759.78	12.48	759.86	759.88	179.06	2.18
2115.40	90.70	177.90	1422.44	-645.22	-769.39	12.81	769.46	769.49	179.05	.99
2125.05	91.10	178.10	1422.29	-645.07	-779.03	13.14	779.11	779.14	179.03	1.39
2134.41	91.40	178.70	1422.09	-644.87	-788.38	13.41	788.46	788.50	179.03	2.15
2144.02	91.70	178.60	1421.83	-644.61	-797.99	13.63	798.07	798.10	179.02	.99
2153.21	92.00	178.80	1421.53	-644.31	-807.17	13.84	807.25	807.29	179.02	1.18
2162.85	92.30	178.10	1421.17	-643.95	-816.80	14.10	816.88	816.92	179.01	2.37
2172.48	92.30	177.70	1420.78	-643.56	-826.41	14.45	826.50	826.54	179.00	1.25
2182.11	92.70	178.80	1420.36	-643.14	-836.03	14.75	836.12	836.16	178.99	3.64
2191.53	92.60	178.40	1419.93	-642.71	-845.44	14.98	845.53	845.57	178.99	1.31
2201.12	92.30	179.10	1419.52	-642.30	-855.02	15.19	855.11	855.15	178.98	2.38
2210.74	91.70	179.70	1419.18	-641.96	-864.63	15.29	864.72	864.77	178.99	2.65
2220.37	90.30	179.50	1419.01	-641.79	-874.26	15.35	874.35	874.39	178.99	4.41
2229.98	90.40	180.40	1418.96	-641.74	-883.87	15.36	883.96	884.00	179.00	2.83
2239.60	90.10	179.90	1418.91	-641.69	-893.49	15.34	893.58	893.62	179.02	1.82
2249.26	89.50	180.90	1418.95	-641.73	-903.15	15.27	903.24	903.28	179.03	3.62
2258.88	89.00	182.10	1419.07	-641.85	-912.76	15.02	912.85	912.89	179.06	4.05
2268.51	89.50	182.20	1419.20	-641.98	-922.39	14.66	922.47	922.50	179.09	1.59
2278.19	89.90	182.10	1419.25	-642.03	-932.06	14.29	932.14	932.17	179.12	1.28
2287.56	88.80	182.10	1419.36	-642.14	-941.42	13.95	941.50	941.53	179.15	3.52
2297.19	87.80	182.90	1419.64	-642.42	-951.04	13.53	951.12	951.13	179.18	3.99
2306.79	88.10	182.90	1419.99	-642.77	-960.62	13.05	960.69	960.71	179.22	.94
2316.43	88.80	183.50	1420.25	-643.03	-970.24	12.51	970.31	970.32	179.26	2.87
2325.56	89.20	183.60	1420.41	-643.19	-979.35	11.94	979.42	979.43	179.30	1.35
2335.04	88.00	183.90	1420.64	-643.42	-988.81	11.32	988.87	988.87	179.34	3.91
2344.64	87.30	183.50	1421.03	-643.81	-998.38	10.70	998.43	998.44	179.39	2.52
2354.26	87.30	183.30	1421.48	-644.26	-1007.97	10.13	1008.02	1008.02	179.42	.62
2363.95	87.80	183.20	1421.90	-644.68	-1017.64	9.58	1017.68	1017.68	179.46	1.58
2373.55	88.00	182.50	1422.25	-645.03	-1027.22	9.11	1027.26	1027.26	179.49	2.27
2382.95	88.80	182.10	1422.51	-645.29	-1036.61	8.73	1036.65	1036.65	179.52	2.85
2392.56	88.50	182.40	1422.74	-645.52	-1046.21	8.35	1046.24	1046.24	179.54	1.32
2402.14	89.30	181.80	1422.92	-645.70	-1055.78	8.00	1055.81	1055.81	179.57	3.13
2411.84	89.20	181.70	1423.05	-645.83	-1065.48	7.71	1065.50	1065.50	179.59	.44
2421.00	90.70	181.40	1423.06	-645.84	-1074.63	7.46	1074.66	1074.66	179.60	5.01
2430.38	90.80	181.40	1422.94	-645.72	-1084.01	7.23	1084.03	1084.03	179.62	.32
2439.97	90.50	180.90	1422.83	-645.61	-1093.60	7.04	1093.62	1093.62	179.63	1.82
2449.59	90.80	180.80	1422.72	-645.50	-1103.21	6.89	1103.23	1103.24	179.64	.99
2458.89	91.30	180.40	1422.55	-645.33	-1112.51	6.80	1112.53	1112.53	179.65	2.07
2468.55	91.90	180.40	1422.28	-645.06	-1122.17	6.73	1122.19	1122.19	179.66	1.86
2478.15	91.00	180.50	1422.03	-644.81	-1131.76	6.65	1131.78	1131.78	179.66	2.83
2487.23	91.00	180.20	1421.88	-644.66	-1140.84	6.60	1140.86	1140.86	179.67	.99
2496.85	90.60	180.60	1421.74	-644.52	-1150.46	6.53	1150.48	1150.48	179.67	1.76
2506.46	90.80	180.60	1421.62	-644.40	-1160.07	6.43	1160.08	1160.09	179.68	.62

2516.09	90.90	180.20	1421.48	-644.26	-1169.70	6.36	1169.71	1169.72	179.69	1.28
2519.00	91.00	180.50	1421.43	-644.21	-1172.61	6.35	1172.62	1172.63	179.69	3.26
PROJECTION TO TD										
2534.00	91.00	180.50	1421.17	-643.95	-1187.61	6.22	1187.62	1187.62	179.70	.00

DAILY DRILLING OPERATIONS SUMMARY Para et al Cameron 2H-03

DAILY DRILLING SUMMARY

Date	Depth m.		Progress	Daily Operations Summary
	From	To		
21-Jan-11	27	223	196	Left Calgary. Arrived in High Level. Stayed in High Level.
22-Jan-11	223	361	138	Left High Level Arrived on location. Rig drilled from 223m to surface TD of 361. Wiper trip. Worked tight spots. Start POOH.
23-Jan-11	361	361	0	Ran surface casing. Worked tight spots. Cement casing. W.O.C. Welding work etc.
24-Jan-11	361	361	0	Nipple up BOPS. Changed pipe rams. Performed pressure tests. Hook up Kelly hose etc. Pre Drill out safety rig inspection. Wait on bit sub. Slip & cut. Rig up Gas Detector.
25-Jan-11	361	531	170	Wait on bit sub. Made up drill assembly. RIH. Tag cement @ 343.6m. Drilled out cement, float and shoe. Drilled 222mm intermediate hole from 361 to 531m.
26-Jan-11	531	784	253	Drilled 222mm intermediate hole from 531-784m.
27-Jan-11	784	983	199	Drilled 222mm intermediate hole from 784-860m. Wiper trip to 350m. Drilled from 860 to 983m.
28-Jan-11	983	1107	124	Drilled 222mm intermediate hole from 983-1000m. Jacked sub with rig Jackers. Drilled from 1000 to 1022m. Jacked sub To level the rig. Drilled from 1022 to 1107m.
29-Jan-11	1107	1121	14	Drilled 222mm intermediate hole 1107 to 1114m. Circulated. POOH. Made tri cone bit. RIH. Circulated hole clean. Prepared to skid the rig. Skid & relevelled the rig. Rig up front end of rig. Pressure tested HCR line. Drilled 222mm from 1114 to 1121m.
30-Jan-11	1121	1222	101	Drilled 222mm intermediate hole from to 1121-1136m. Worked tight spot. Drilled 1136-1145. Worked tight spots. Drilled 1145-1154. Worked tight spots. Drilled 1154-1222m.

31-Jan-11	1222	1240	18	Drilled 222mm intermediate hole from 1222-1240m. Circulate. POOH. Pick up directional tools. RIH with directional tools to 950m while surveying and reaming tight spots.
01-Feb-11	1240	1280	40	RIH with directional tools from 950-1240m while surveying and reaming tight spots. Drilled 222mm intermediate hole from 1240 to 1280m. Changed breaker in light plant. Pason crashed. Wait on hot shot to bring pason main computer.
02-Feb-11	1280	1333	53	Replaced pason's main computer. Drilled 222mm intermediate hole from 1280 to 1333m. Rig started sinking again. Suspended drilling. Started moving associated equipment, tanks etc and prepared to put additional mating. The operation continued.
03-Feb-11	1333	1333	0	Completed Jacking/skidding of the rig. Spotted back dog house, mud tanks, cat walk etc. Install flow line. Conditioned mud and circulated. Started POOH to lay down drill pipes. Rig out Gas detector.
04-Feb-11	1333	1333	0	Complete POOH. Ran and pressure tested bridge plugs. Start tearing down rig to move to E-52. Drilling Of 2H-03 to be resumed after rebuilding of the lease.
16-Feb-11	1333	1333	0	Left Calgary & arrived on location. The rig moved back to location from E-52. Wait on Day light.
17-Feb-11	1333	1333	0	Wait on Day light. Spot mats and the rig. Moved shacks and rentals to location. Rig up steam, air and power. Rig in mud tanks and mud pumps. Raised lower section of derrick.
18-Feb-11	1333	1333	0	Worked on draw works. Warm up & Nipple up BOPS and various lines. Raised top section of derrick. Displaced diesel fuel from the well. Pressure tested manifold. Started pressure testing BOPS. Rig up and tested gas detector.
19-Feb-11	1333	1333	0	Completed pressure testing. Pick up retrieving assembly and heavy weight. RIH. Retrieved both bridge plugs one by one. Slip and cut drill line. Made up directional tools. Made up lower Kelly cock. RIH to 446m. Reamed from 363 to 446m.
20-Feb-11	1333	1333	0	RIH with directional tools from MD 446 to 1327m while reaming and cleaning the hole.
21-Feb-11	1333	1416	83	RIH from 1327 to 1333m. Drilled 222mm intermediate hole from 1333 to 1416m.

22-Feb-11	1416	1424	8	Drilled 222mm intermediate hole from 1416 to 1424m. POOH for bit. Part of the mud motor assembly and the bit fell in the well while coming out. RIH for clean out trip. Fish top @ 1416.84m. Started POOH to pick up fishing tools. POOH to 711m.
23-Feb-11	1424	1424	0	POOH from 711m to surface. Make up fishing tools. Run in the hole to 1416m. Latch on to the fish. POOH. No fish. Wait on orders and rig repair. Made up milling tool for dressing up of top of the fish. RIH to 376m.
24-Feb-11	1424	1424	0	RIH to 1376 to 1416mm. Dressed up top of the fish with mill. Circulated. POOH. Made up over shot and grapple. RIH to fish part of the mud motor string and bit. Made attempts to latch on to fish but unable to get on to it. Started POOH to change fishing assembly.
25-Feb-11	1424	1424	0	POOH from 1360 to surface to change fishing tools. Wait on different fishing tools. Made up different fishing assembly and started running in the hole. Reamed and washed from 1351 to 1398m.
26-Feb-11	1424	1424	0	Reamed and washed from 1398 to 1417m. Rotated washed over fish. Tried to latch on to fish. POOH. No fish. Slip & cut. RIH to to 1296m to try catching the fish again..
27-Feb-11	1424	1424	0	RIH to 1296 to 2418m. Attempted to catch the fish. Fish could not be caught. POOH. RIH open ended to run cement plugs. Wait on cementers. Ran cement plugs. POOH.
28-Feb-11	1424	1333	0	Made up directional tools. RIH. Reamed/washed from 847 to 1290m. Drilled cement from 1290 to 1303m. Worked on Pason.
01-Mar-11	1333	1338	5	Drilled cement from 1303 to 1331m. Replaced aerated mud with fresh mud. Mixed defoamer. Drilled to 1333m. Well side tracked from 1333m. Control drilled from 1333 to 1338m. Examined samples every 0.5m for any cement content during controlled drilling.
02-Mar-11	1338	1413	75	Drilled 222mm intermediate hole from 1338-1413m. Examined 0.5m and 2.5m samples for any cement content from 1338 to 1350m.
03-Mar-11	1413	1503	90	Drilled 222mm intermediate build section hole from 1413-1503m.
04-Mar-11	1503	1534	31	Drilled 222mm intermediate build section hole from 1503 to landing point of 1534m. Circulated. Wiper trip to surface. Laid down directional tools.

05-Mar-11	1534	1534	0	Install and then remove rubber spacer from flow-T. RIH. Laid down 8 singles. Ream and clean from 1330 to 1534m. Condition mud and circulate. POOH to 1410. Worked the string free. POOH to 1328m. Reamed and washed to 1403m. Mixed one sack of gel every 2 minutes.
06-Mar-11	1534	1534	0	Reamed and washed to 1534m. Mixed one sack of gel every 2 minutes. Circulate bottoms up. POOH. Ran intermediate casing from 0.0 to 1378m. Washed casing from 1378 to 1420m. Second Geologist arrived on location.
07-Mar-11	1534	1534	0	Washed casing from 1420 to bottom. Ran , circulated and cemented intermediate casing. W.O.C. Welding work. Start pressure testing. Wait casing slips seal assembly. Cleaned mud tanks. Start nipple up BOPS.
08-Mar-11	1534	1545	11	Completed nipling up of BOPS. Performed pressure test. Made up directional tools. RIH. Drilled out intermediate casing cement. Drilled 156mm horizontal hole from 1534 to 1545m.
09-Mar-11	1545	1767	222	Drilled 156mm horizontal hole from 1545-1767m.
10-Mar-11	1767	1922	155	Drilled 156mm horizontal hole from 1767-1922m.
11-Mar-11	1922	2082	160	Drilled 156mm horizontal hole from 1922-2082m. Circulated bottoms up. Start POOH for bit and pipe swap trip. POOH from 2082 to 1794m.
12-Mar-11	2082	2088	6	POOH from 1794m to surface. Laid down directional tools. Made up directional tools and bit # 7. RIH to 1236m. RIH to bottom while reaming and washing numerous tight spots. Drilled 156mm horizontal hole 2083 to 2088m.
13-Mar-11	2088	2209	121	Drilled 156mm horizontal hole from 2088 to 2209m.
14-Mar-11	2209	2333	124	Drilled 156mm horizontal hole from 2209 to 2333m.
15-Mar-11	2333	2526	193	Drilled 156mm horizontal hole from 2333 to 2526m.
16-Mar-11	2526	2534	8	Drilled 156mm horizontal hole from 2526-2534m. TD. POOH. Laid down directional tools. Made up reaming tools. Start RIH. Ream and clean to 1635m. Drift each single as it is picked from the catwalk. Second Geologist Left wellsite for Calgary.
17-Mar-11	2534	2534	0	Ream and clean 1635 to 2228m. Drift each single as it is picked from the catwalk.
18-Mar-11	2534	2537	0	Ream and clean 2228 to 2537m. Drilled to 2537 while reaming. Pumped down logging tools. Started logging while tripping. POOH to 1150m.
19-Mar-11	2537	2537	0	Trip out of the hole 1150 to 943m. Recovered logging tools stuck in the drill pipe. RIH to bottom. Pick up logging tools. Pumped down logging tools. Rig up surface logging equipment and check shot. Logged while

				tripping from 2535m to surface. Laid down logging tools and radioactive source. Started rig up to run liner.
20-Mar-11	2537	2537	0	Rig up to run liner. Made up packer BHA. Ran liner with packer assembly from surface to 980m. Ran casing from 980 to 2528m. Pump 11m3 water in the hole. Set open hole packers and bleed off drill pipe. Pull out of the liner, circulate and displace annulus with water. POOH and laid down pipe to 435m. Rig out gas detector.
21-Mar-11	2537	2537	0	POOH and laid down pipe from 435m to 0m. Laid down tubing hanger. Nipple down BOPS. Tear down rig. Moved Rig and trailers to E-52.

**PARA ET AL CAMERON 2H-03
Unit 2H Section 03
Grid 60° 10' 117° 30'**

SAMPLE RECORD

KB: 777.22m

HAY RIVER FORMATION

1195-1200 SHALE 90% dark grey, black, micromicaceous, part calcareous, part marly, medium hard, fissile-subfissile, part splintery. LIMESTONE 10% grey, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1200-1205 SHALE 95% dark grey, black, micromicaceous, part calcareous, part marly, medium hard, part carbonaceous, fissile-subfissile. LIMESTONE 05% grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, trace pyrite, estimated 3% earthy porosity, no visible shows.

1205-1210 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, fissile-subfissile. LIMESTONE MINOR grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1210-1215 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile. LIMESTONE MINOR grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1215-1220 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile. Minor LIMESTONE as above.

1220-1225 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, some pyrite nodules, fissile-subfissile. LIMESTONE MINOR grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1225-1230 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, some pyrite nodules, fissile-subfissile. LIMESTONE MINOR grey, light brown, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows.

1230-1235 SHALE 100% dark grey, gray, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, trace pyrite nodules, fissile-subfissile, part splintery. Trace limestone.

1235-1240 SHALE 100% dark grey, gray, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile, part splintery.

TRIP TO PICK UP DIRECTIONAL TOOLS FROM 0315HRS ON JAN. 31 TO 0345HRS
ON FEB. 01, 2011.

1240-1245 SHALE 100% dark grey, gray, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile, part splintery, Minor Limestone. Poor sample. Lot of cavings after the trip.

1245-1250 SHALE 100% dark grey, black, micromicaceous, part calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile.

1250-1255 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile, part blocky, part splintery, Trace Limestone.

1255-1260 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, medium hard, part carbonaceous, trace pyritic, fissile-subfissile, part blocky.

1260-1265 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, medium hard, part carbonaceous, pyritic, trace pyrite nodule, fissile-subfissile, part blocky.

START OF BUILD/ KICK OFF POINT 1266m MD

1265-1270 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, hard to medium hard, part carbonaceous, pyritic, fissile-subfissile, part blocky, part splintery. Trace Limestone.

1270-1275 NO SAMPLE.

1275-1280 SHALE 70% grey, dark grey, black, micromicaceous, calcareous, hard to medium hard, part carbonaceous, pyritic, fissile-subfissile, part blocky. LIMESTONE 30% grey, micritic-very fine grained, mudstone, argillaceous, dense, estimated 3% earthy porosity, no visible shows. Some mud materials in the sample.

1280-1285 SHALE 100% grey, dark grey, black, micromicaceous, calcareous, hard to medium hard, part carbonaceous, pyritic, trace pyrite nodule, trace coal, fissile-subfissile. Trace Limestone.

1285-1295 SHALE 100% grey, dark grey, black, minor gray brown, micromicaceous, calcareous, hard to medium hard, part carbonaceous, pyritic, trace pyrite nodule, fissile-subfissile.

1295-1300 SHALE 100% grey, dark grey, black, minor gray brown, micromicaceous, calcareous, hard to medium hard, minor carbonaceous, pyritic, trace pyrite nodules, fissile-subfissile.

1300-1305 SHALE 100% grey, black, dark grey, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, trace pyrite nodules, fissile-subfissile. Trace Limestone.

1305-1310 SHALE 100% grey, dark grey, black, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, trace pyrite nodules, fissile-subfissile.

1310-1315 SHALE 100% grey, dark grey, black, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile. Trace Limestone.

1315-1320 SHALE 100% grey, dark grey, black, trace brown, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile. TRACE LIMESTONE light grey, light brown, mudstone, micritic, microcrystalline- very fine crystalline, argillaceous, dense, tight, 0-3% earthy porosity, no shows.

1320-1325 SHALE 100% grey, dark grey, black, minor black brown, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile, part blocky, part platy. TRACE-MINOR LIMESTONE light grey, mudstone, micritic, microcrystalline- very fine crystalline, argillaceous, dense, tight, estimated 3% earthy porosity, no shows.

TOP BEAVER HILL LK. MD 1325m TVD 1322m (-544.78m)

1325-1330 SHALE 95% dark grey, black, minor black brown, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile, part blocky, part platy. LIMESTONE 5% light grey, mudstone, micritic, microcrystalline- very fine crystalline, argillaceous, pyritic, dense, tight, estimated 3% earthy porosity, no shows.

1330-1335 SHALE 90% dark grey, black, minor black brown, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, trace pyrite nodules, fissile-subfissile, part blocky, part splintery. LIMESTONE 10% light grey, light brown, mudstone, micritic, microcrystalline, rare chip fine crystalline, argillaceous, estimated 3% earthy porosity, no shows.

DRILLING SUSPENDED at 1533m MD ON FEB. 02, 2011 TO REBUILD THE LEASE.

DRILLING RESUMED ON FEB. 21, 2011 @ 0100HRS

1335-1340 SHALE 100% dark grey, black, hard to medium hard, micromicaceous, calcareous, part carbonaceous, pyritic, common pyrite nodules, fissile-subfissile. LIMESTONE MINOR TO 5% light grey, mudstone, micritic, microcrystalline, argillaceous, estimated 3% earthy porosity, no shows.

1340-1345 SHALE 95% grey, dark grey, black, hard to medium hard, micromicaceous, calcareous, minor carbonaceous, pyritic, some pyrite nodules, fissile-subfissile, part blocky. LIMESTONE 5% light grey, mudstone, micritic, microcrystalline, argillaceous, estimated 3% earthy porosity, no shows.

1345-1350 SHALE 90% grey, dark grey, black, hard to medium hard, micromicaceous, calcareous, part grading to marlstone, minor carbonaceous, pyritic, some pyrite nodules, fissile-subfissile, part blocky. LIMESTONE 10% light grey, trace brown, mudstone, micritic, microcrystalline, argillaceous, part pyritic, estimated 3% earthy porosity, no shows.

TOP SLAVE POINT MD 1353m TVD 1346m (-568.78m)

1350-1355 SHALE 60% as above. LIMESTONE 30% brown, mudstone, micritic, microcrystalline, estimated 3% earthy porosity, no visible shows. LIMESTONE 10% light grey, white, mudstone, dense, pyritic.

1355-1360 LIMESTONE 100% brown, mudstone, micritic, dense, cryptocrystalline to trace very fine crystalline, pyritic, trace pyrite nodules, tight, 3% earthy porosity, yellow white fair streaming cut.

1360-1365 LIMESTONE 100% brown, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-very fine crystalline, pyritic, trace free crystal, tight, 0-3% earthy porosity, yellow white fair streaming cut. Faint petroliferous odour.

1365-1370 LIMESTONE 100% brown, mudstone-wakestone, cryptocrystalline- very fine crystalline, traces pyretic, rare free crystal, estimated 3% pin point porosity, yellow white fair-good streaming cut. Gives petroliferous odour.

1370-1375 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyritic, trace dolomitic, estimated 3% earthy and pin point porosity, yellow white fair-good streaming cut, gives petroliferous odour.

1375-1380 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyretic, trace dolomitic, trace free crystal, estimated 3-6% earthy and pin point porosity, yellow white good streaming cut, gives petroliferous odour.

1380-1385 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, traces pyretic and dolomitic, trace pyrite nodules, rare anhydrite, estimated 3-6% earthy and pin point porosity, yellow white good streaming cut, gives petriferous odour.

1385-1390 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, traces pyretic, trace dolomitic, trace carbonaceous, rare Anhydrite, estimated 3% earthy and pin point porosity, yellow white good streaming cut. Trace Calcareous Dolomite.

1390-1395 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, traces pyretic, some pyrite nodules, carbonaceous partings, estimated 3% earthy and pin point porosity, yellow white good streaming cut. Trace Dolomite, Trace Anhydrite.

1395-1400 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, traces pyretic, some pyrite nodules, tight, estimated 3% earthy and pin point porosity, yellow white good streaming cut. Trace Dolomite.

1400-1405 LIMESTONE 100% as above.

DOLOMITE, CALCAREOUS MINOR brown, microcrystalline to very fine crystalline, calcareous, rare silty shale, estimated 3-9% intercrystalline and pin point porosity, yellow white good streaming cut. TRACE ANHYDRITE white, tan, hard, dense, calcareous.

TOP F-4 MD 1412m TVD 1387m (SS – 609.78m)

1405-1410 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyritic, estimated 3% earthy and pin point porosity, no visible to poor slow cut. Minor Dolomite, Trace Anhydrite.

1410-1415 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyritic, estimated 3% earthy and pin point porosity, good slow streaming cut. Trace Dolomite, Trace Anhydrite.

1415-1420 LIMESTONE 100% brown, mudstone-wakestone, lumpy, cryptocrystalline-minor very fine crystalline, traces pyretic, estimated 3% intergranular and pin point porosity, yellow white good slow streaming cut.

SHALE TRACE green, waxy-silky, medium hard-hard, micaceous, calcareous, pyretic, fissile-blocky.

1420-1424 LIMESTONE 100% brown, mudstone-wakestone, lumpy, cryptocrystalline-minor very fine crystalline, traces pyretic, estimated 3% intergranular and pin point porosity, yellow white fair slow streaming cut.

SHALE TRACE green, waxy-silky, medium hard-hard, micaceous, calcareous, pyretic, fissile-blocky. Minor Dolomite and Traces Anhydrite from above.

TOP WATT MTN. MD 1425.5m TVD 1394m (SS -616.78m)

1424-1430 LIMESTONE 60% brown, buff, mudstone-wakestone, trace grainstone, micritic, lumpy, dense, cryptocrystalline- very fine crystalline, pyritic, estimated 0-3% earthy and pin point porosity, no visible shows. SHALE 40% grey, dark grey caving. Trace Dolomite, Trace green Shale. Poor sample. Shale cavings.

TOP SULPHUR PT. LST. MD 1433m TVD 1397.5m (SS -620.28m)

1430-1435 LIMESTONE 70% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace pyrite nodules, estimated 3% earthy and pin point porosity, poor slow yellow white cut. SHALE 30% as above, caving, Trace green Shale.

1435-1440 LIMESTONE 70% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, trace dolomitic, trace pyrite nodules, estimated 3% earthy and pin point porosity, part fair slow yellow white cut. SHALE 30% as above, caving. Trace Green Shale.

1440-1445 LIMESTONE 80% brown, buff, mudstone-wakestone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, Trace pyrite nodules, estimated 3% earthy and pin point porosity, fair slow yellow white cut. SHALE 20% grey. MINOR GREEN SHALE medium hard to hard, calcareous, pyritic. Poor samples, cavings from above.

1445-1450 LIMESTONE 80% brown, mudstone-wakestone, occasional grainstone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, occasional dolomitic, estimated 3% earthy and pin point porosity, fair slow yellow white cut. SHALE 20% grey, dark grey. Minor green shale. Poor samples, cavings from above.

1450-1455 LIMESTONE 80% brown, buff, mudstone-wakestone, occasional grainstone, micritic, lumpy, dense, cryptocrystalline-minor very fine crystalline, occasional dolomitic, trace pyritic, estimated 3-6% earthy and pin point porosity, yellow white streaming cut. TRACE Calc Dolomite. SHALE 20% grey, dark grey. Minor green shale. Poor samples, cavings from above.

1455-1460 LIMESTONE 70% brown, buff, mudstone-wakestone, occasional grainstone, micritic, lumpy, dense, cryptocrystalline-trace very fine crystalline, occasional dolomitic, trace pyritic, estimated 3% earthy and pin point porosity, yellow white streaming cut. SHALE 30% grey and green as above cavings.

1460-1465 LIMESTONE 80% brown, buff, mudstone-wakestone, rare grainstone, micritic, lumpy, dense, cryptocrystalline-trace very fine crystalline, trace dolomitic, trace

pyritie nodule, estimated 3% earthy and pin point porosity, yellow white streaming cut. SHALE 20% grey and green as above caving.

1465-1470 LIMESTONE 80% brown, buff, mudstone-wakestone, rare grainstone, micritic, lumpy, dense, cryptocrystalline-trace very fine crystalline, traces dolomitic, estimated 3% earthy and pin point porosity, yellow white good streaming cut. SHALE 20% grey and green as above caving.

1470-1475 LIMESTONE 80% brown, buff, mudstone-wakestone, trace grainstone, micritic, lumpy, dense, cryptocrystalline-very fine crystalline, traces dolomitic, Trace Calcareous Dolomite, trace free crystals, estimated 3% pin point and intercrystalline porosity, yellow white good streaming cut. SHALE 20% grey and green as above caving.

1475-1480 LIMESTONE 80% brown, buff, mudstone-wakestone, trace grainstone, micritic, lumpy, dense, cryptocrystalline-very fine crystalline, trace dolomitic, Trace Calcareous Dolomite, estimated 3% pin point and intercrystalline porosity, yellow white good streaming cut. SHALE 20% grey and green as above caving.

1480-1485 LIMESTONE 75% as above. DOLOMITE, CALCAREOUS 05% brown, grainstone-wakestone, very fine-minor fine crystalline, calcareous, trace free crystals, estimated 3-6% fracture and intercrystalline porosity, scattered bright yellow fluorescence, yellow white fair to good streaming cut. SHALE 20% grey and green as above caving.

1485-1490 LIMESTONE 90% as above, minor grainstone and calcareous. DOLOMITE, CALCAREOUS 10% brown, grainstone-wakestone, very fine-minor fine crystalline, calcareous, trace free crystals, estimated 3-6% pin point and intercrystalline porosity, yellow white good streaming cut. Some shale caving.

1490-1495 DOLOMITE, CALCAREOUS 70% brown, grainstone-wakestone, very fine-minor fine crystalline, calcareous, trace free crystals, estimated 3-6% pin point and intercrystalline porosity, yellow white good streaming cut. LIMESTONE 30% as above, part grainstone and calcareous. Some shale caving.

1495-1500 DOLOMITE 80% brown, trace dark brown, grainstone-wakestone, very fine-minor fine crystalline, part calcareous, trace free crystals, estimated 3-6% pin point and intercrystalline porosity, yellow white good streaming cut. LIMESTONE 20% as above, part grainstone and calcareous. Some shale caving.

TOP SULP PT. DOLO MD 1483.5m TVD 1415m (SS-637.78m)

1500-1505 DOLOMITE 100% brown, dark brown, grainstone-wakestone, very fine-minor fine crystalline, traces calcareous, estimated 3-6% pin point and intercrystalline porosity, yellow white good streaming cut. Minor Limestone. Some shale caving.

1505-1510 DOLOMITE 100% brown, minor dark brown, grainstone, minor wakestone, very fine-minor fine crystalline, estimated 3-6% intercrystalline porosity, yellow white good streaming cut.

1510-1515 DOLOMITE 100% brown, dark brown, grainstone, trace wakestone, very fine-minor fine crystalline, rare recrystallization, rare free crystal, estimated 3-6% intercrystalline, rare vuggy, porosity, yellow white good streaming cut.

1515-1520 DOLOMITE 100% brown, dark brown, grainstone, very fine-minor fine crystalline, estimated 3-6% intercrystalline, trace vuggy, porosity, yellow white good streaming cut.

1520-1525 DOLOMITE 100% brown, dark brown, grainstone, very fine-minor fine crystalline, estimated 3% intercrystalline, trace vuggy, porosity, yellow white good streaming cut.

1525-1530 DOLOMITE 100% brown, dark brown, grainstone, very fine-minor fine crystalline, estimated 3% intercrystalline porosity, yellow white good streaming cut

1530-1534 DOLOMITE 100% brown, dark brown, grainstone, very fine-minor fine crystalline, estimated 3-6% intercrystalline, rare vuggy, porosity, yellow white good streaming cut.

LANDED AT 1534m MD, 1422.26mTVD (SS – 645.04m) ON MARCH 04, 2011
@1130HRS.

HORIZONTAL SECTION

DRILLED OUT INTERMEDIATE CASING CEMENT AND STARTED DRILLING
HORIZONTAL SECTION ON MARCH 08, 2011 @ 2330 HRS.

1534-1540 DOLOMITE 100% buff, light to medium brown, grainstone-packstone, very fine-minor fine crystalline, trace microcrystalline, locally re-crystallized, estimated 3-6% intercrystalline and fracture porosity, yellow white good streaming cut.

TOP LOWER SULPHUR POINT DOLOMITE MD 1544m TVD 1423.02m (SS -645.8m)

1540-1550 DOLOMITE 100% light to medium brown, grainstone-packstone, very fine-fine crystalline, locally re-crystallized, estimated 3-6% intercrystalline and fracture porosity, yellow white good streaming cut.

1550-1560 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, rare free crystal, trace black shale parting, estimated 3-6% intercrystalline and fracture porosity, yellow white good streaming cut.

1560-1570 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace black shale partings, part bituminous, fair crystal relief, trace pyrite, nodules, estimated 3-6% intercrystalline porosity, yellow white good streaming cut.

1570-1580 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, local black shale partings, minor bituminous, fair crystal relief, trace pyritic nodules, estimated 3-6% intercrystalline porosity, spotty to even oil staining, yellow white good streaming cut. Faint petroliferous odour, smokes moderately when cooked.

1580-1590 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, local black shale partings, minor bituminous, fair crystal relief, trace pyritic nodules, estimated 3-6% intercrystalline porosity, even to spotty staining, yellow white good streaming cut. Faint petroliferous odour, smokes moderately when cooked.

1590-1600 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, local recrystallization, some free crystals, fair-poor crystal relief, estimated 3-6% intercrystalline porosity, even staining, yellow white good streaming cut. Faint petroliferous odour, smokes moderately when cooked.

1600-1610 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, some free crystals, fair-poor crystal relief, estimated 3-6% intercrystalline porosity, even Oil staining, yellow white good streaming cut. Faint petroliferous odour, smokes moderately when cooked.

1610-1620 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, estimated 3-6% intercrystalline and inferred occasional vuggy porosity, even Oil staining, yellow white good streaming cut. Faint petroliferous odour.

1620-1630 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace free crystals, trace pyrite, estimated 3-6% intercrystalline and inferred occasional vuggy porosity, even Oil staining, yellow white good streaming cut. Faint petroliferous odour.

1630-1640 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace free crystals, trace pyrite, estimated 3-6% intercrystalline and inferred occasional vuggy porosity, even Oil staining, yellow white good streaming cut. Faint petroliferous odour.

1640-1650 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace free crystals, trace shale partings, trace bituminous, estimated 3-6% intercrystalline and inferred occasional vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1650-1660 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace free crystals, trace shale partings, trace bituminous, estimated 3-6%

intercrystalline and inferred occasional vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1660-1670 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace free crystals, trace shale partings, trace bituminous, estimated 3-6% intercrystalline and inferred vuggy porosity, spotty to even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1670-1680 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace shale partings, trace bituminous, estimated 3-9% intercrystalline and inferred vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1680-1690 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace shale partings, trace bituminous, estimated 3-9% intercrystalline, and inferred vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1690-1700 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace shale partings, trace bituminous, estimated 3-9% intercrystalline, and inferred vuggy porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1700-1705 NO SAMPLE.

1705-1710 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, estimated 3-6% intercrystalline, and inferred vuggy porosity, even to spotty oil staining, yellow white good streaming cut. Faint petroliferous odour.

1710-1720 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even-spotty oil staining, yellow white good streaming cut. Faint petroliferous odour.

1720-1730 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1730-1740 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1740-1750 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1750-1760 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3% intercrystalline porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1760-1770 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1770-1780 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, estimated 3% intercrystalline porosity, even oil staining, yellow white good streaming cut.

1780-1790 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, estimated 3% intercrystalline porosity, even oil staining, yellow white good streaming cut.

1790-1795 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, trace pyrite, occasional black shale, estimated 3% intercrystalline porosity, even oil staining, yellow white good streaming cut.

1795-1800 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, trace pyrite, some recrystallization and free crystals, trace pyrite, estimated 3-6% intercrystalline and inferred vuggy porosity, spotty to even oil staining, yellow white good streaming cut. Faint petroliferous odour.

1800-1810 DOLOMITE 100% medium to dark brown, white, grainstone-packstone, very fine-fine crystalline, trace bituminous, common recrystallization and free crystals, estimated 6-9% intercrystalline and inferred vuggy porosity, spotty oil staining, yellow white fair-good slow streaming cut. Faint petroliferous odour.

1810-1820 DOLOMITE 100% predominantly white coarse crystals, part medium to dark brown, grainstone-packstone, brown is very fine-fine crystalline, trace bituminous, abundant recrystallization and free crystals, estimated 6-9% vuggy and intercrystalline porosity, only brown is oil stained, spotty oil staining, yellow white fair-good slow streaming cut.

1820-1830 DOLOMITE 100% predominantly white coarse crystals, part medium to dark brown, grainstone-packstone, brown is very fine-fine crystalline, trace bituminous, abundant recrystallization and free crystals, estimated 6-9% vuggy and intercrystalline porosity, only brown is oil stained, spotty oil staining, yellow white fair-good slow streaming cut.

1830-1840 DOLOMITE 100% white coarse crystals 50%, light to dark brown 50%, grainstone-packstone, brown is very fine-fine crystalline, trace bituminous, abundant

recrystallization and free crystals, estimated 6-9% vuggy and intercrystalline porosity, only brown is oil stained, spotty oil staining, yellow white fair-good slow streaming cut.

1840-1850 DOLOMITE 100% abundant white fine-coarse crystals, light to dark brown grainstone-packstone, brown is very fine- fine crystalline, trace shale, rare pyritic, estimated 6-9% vuggy and intercrystalline porosity, brown is oil stained, spotty oil staining, yellow white fair slow streaming cut.

1850-1860 DOLOMITE 100% light to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, occasional shale, common clear and fine to coarse crystals, trace pyritic, estimated 3-6% intercrystalline and vuggy porosity, brown is oil stained, spotty oil staining, yellow white poor slow cut.

1860-1870 DOLOMITE 100% buff, light brown, minor dark brown, grainstone-packstone, very fine-minor microcrystalline, trace bituminous, occasional shale, trace free crystals, trace pyritic, estimated 3-6% intercrystalline and vuggy porosity, spotty oil staining, poor slow cut.

1870-1880 DOLOMITE 100% light to dark brown, grainstone-wakestone, very fine-minor microcrystalline, trace bituminous, trace shale, common medium to coarse free crystals, estimated 3-6% intercrystalline and vuggy porosity, spotty oil staining, poor slow cut.

1880-1890 DOLOMITE 100% light brown, part dark brown, grainstone-wakekstone, microcrystalline to very fine, trace bituminous, rare shale, common free crystals, estimated 3-6% intercrystalline and vuggy porosity, spotty oil staining, poor slow cut. Faint petroliferous odour.

1890-1900 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, bituminous, poor petroliferous odour estimated 3-6% intercrystalline porosity, spotty oil staining, yellow white streaming cut.

1900-1910 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, bituminous, poor-fair petroliferous odour estimated 3-6% intercrystalline porosity, spotty oil staining, yellow white streaming cut.

1910-1920 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, bituminous, poor petroliferous odour estimated 3-6% intercrystalline porosity, spotty oil staining, golden white streaming cut.

1920-1930 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, bituminous, poor-fair petroliferous odour estimated 3-6% intercrystalline porosity, spotty oil staining, yellow white streaming cut.

1930-1940 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-fine crystalline, trace bituminous, rare pyritic, rare shale, poor petroliferous odour, estimated 3-6% intercrystalline porosity, spotty oil staining, yellow white streaming cut.

1940-1950 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, minor microcrystalline, trace bituminous, rare pyritic, rare shale, estimated 3-9% intercrystalline and trace vuggy porosity, spotty oil staining, milky white good streaming cut, faint petroliferous odour.

1950-1960 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, rare shale, estimated 3-9% intercrystalline and trace vuggy porosity, spotty oil staining, milky white good streaming cut, faint petroliferous odour.

1960-1970 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even-spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

1970-1980 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, trace bituminous, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even-spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

1980-1990 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, occasional free coarse clear crystals, trace bituminous, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even-spotty oil staining, yellow white good streaming cut, faint petroliferous odour. Traces of oil over the shaker.

1990-2000 DOLOMITE 100% medium to dark brown, grainstone-packstone, very fine-minor fine crystalline, rare free coarse clear crystals, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour. Traces of oil over the shaker.

2000-2010 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, rare free crystals, trace bituminous, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour. Traces of oil over the shaker.

2010-2020 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, rare free crystals, trace bituminous, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2020-2030 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, rare free crystals, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2030-2040 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, minor microcrystalline, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even, part spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

2040-2050 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, rare shale, rare pyritic, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2050-2060 DOLOMITE 100% light to medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, estimated 3-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2060-2070 DOLOMITE 100% medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, minor microcrystalline, trace bituminous, estimated 3-6% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2070-2080 DOLOMITE 100% medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, minor microcrystalline, trace bituminous, estimated 3-6% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2080-2090 DOLOMITE 100% light to medium brown, rare dark brown, grainstone-packstone, sucrosic, very fine- fine crystalline, bituminous, strong petroliferous odour, good oil flow on shaker, estimated 6-9% combined intercrystalline and vuggy porosity, even oil staining, golden white streaming cut.

2090-2100 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, bituminous, estimated 6-9% combined intercrystalline and vuggy porosity, even oil staining, golden white streaming cut, strong petroliferous sample odour, oil over the shaker.

2100-2110 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, bituminous, estimated 3-6% combined intercrystalline and vuggy porosity, even oil staining, golden white streaming cut, oil over the shaker, strong petroliferous sample odour.

2110-2120 DOLOMITE 100% medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, estimated 3-6% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, oil over the shaker, moderate petroliferous sample odour.

2120-2130 DOLOMITE 100% medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, oil over the shaker, moderate petroliferous sample odour.

2130-2140 DOLOMITE 100% medium brown, light brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, rare shale, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, moderate petroliferous sample odour.

2140-2150 DOLOMITE 100% medium brown, light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, minor microcrystalline, rare bituminous, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, moderate petroliferous sample odour.

2150-2160 DOLOMITE 100% medium brown, light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, traces microcrystalline, rare bituminous, estimated 3-9% intercrystalline and vuggy porosity, even, minor spotty, oil staining, yellow white good streaming cut, moderate petroliferous sample odour.

2160-2170 DOLOMITE 100% medium brown, light brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, rare bituminous, estimated 3-9% intercrystalline and vuggy porosity, even-spotty oil staining, yellow white good streaming cut.

2170-2180 DOLOMITE 100% medium to dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, occasional free crystals, trace pyritic, trace bituminous, rare shale, estimated 3-6% intercrystalline, occasional vuggy, porosity, even oil staining, yellow white good streaming cut.

2180-2190 DOLOMITE 100% light- medium brown, occasional dark brown, grainstone-packstone, sucrosic, very fine crystalline, rare free crystals, rare shale, slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, part spotty oil staining, yellow white fair streaming cut, moderate petroliferous sample odour.

2190-2200 DOLOMITE 100% light- medium brown, occasional dark brown, grainstone-packstone, sucrosic, very fine crystalline, rare free crystals, rare shale, slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, spotty to even oil staining, yellow white fair streaming cut. Moderately petroliferous sample odour.

2200-2210 DOLOMITE 100% light- medium brown, occasional dark brown, grainstone-packstone, sucrosic, very fine crystalline, rare free crystals, rare shale, slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, spotty to even oil staining, yellow white fair streaming cut.

2210-2220 DOLOMITE 100% light- medium brown, occasional dark brown, grainstone-packstone, sucrosic, very fine crystalline, rare free crystals, rare shale, slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, spotty to even oil staining, yellow white fair streaming cut.

2220-2230 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-traces fine crystalline, minor slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even oil staining, yellow white fair-good streaming cut.

2230-2240 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor slightly bituminous, estimated 3-6% intercrystalline, rare vuggy, porosity, even oil staining, yellow white good streaming cut.

2240-2250 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, traces slightly bituminous, occasional recrystallization and free crystals, estimated 3-6% intercrystalline, occasional vuggy, porosity, even oil staining, yellow white good streaming cut.

2250-2260 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, traces bituminous, rare shale, estimated 3-6% intercrystalline, and trace vuggy porosity, even oil staining, yellow white good streaming cut.

2260-2270 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace free crystals, estimated 3-6% intercrystalline and trace vuggy porosity, even oil staining, yellow white good streaming cut.

2270-2280 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, rare pyritic, estimated 3-6% intercrystalline and trace vuggy porosity, even oil staining, yellow white good streaming cut.

2280-2290 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, rare pyritic, occasional free crystals, estimated 3-9% intercrystalline and minor vuggy porosity, even oil staining, yellow white good streaming cut.

2290-2300 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, traces pyritic, common free crystals, rare shale, estimated 6-12% intercrystalline and vuggy, possible fracture, porosity, even to spotty oil staining, yellow white good streaming cut.

2300-2310 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, abundant medium and coarse free crystals, rare shale, estimated 3-9% intercrystalline and vuggy porosity, even to spotty oil staining, yellow white good streaming cut.

2310-2320 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, abundant medium and coarse free crystals, rare shale, estimated 3-9% intercrystalline and vuggy porosity, even to spotty oil staining, yellow white good streaming cut.

2320-2330 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, common free crystals, rare shale, estimated 3-9% intercrystalline and minor vuggy, porosity, even to spotty oil staining, yellow white good streaming cut.

2330-2340 DOLOMITE 100% medium-dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, minor bituminous, free crystals, estimated 3-6% intercrystalline and minor vuggy, porosity, even oil staining, yellow white good streaming cut.

2340-2350 DOLOMITE 100% light-medium brown, grainstone-packstone, sucrosic, very fine-fine crystalline, bituminous, some free crystals, estimated 3-9% intercrystalline and vuggy, inferred fracture, porosity, even oil staining, yellow white good streaming cut.

2350-2360 DOLOMITE 100% light-medium brown, grainstone-packstone, sucrosic, very fine-fine crystalline, bituminous, trace free crystals, estimated 6-9% intercrystalline and vuggy, inferred fracture, porosity, even oil staining, yellow white good streaming cut.

2360-2370 DOLOMITE 100% medium brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, trace free crystals, rare shale, estimated 6-9% intercrystalline and vuggy, inferred fracture, porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2370-2380 DOLOMITE 100% medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, occasionally bituminous, trace free crystals, rare shale, rare coal, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2380-2395 DOLOMITE 100% medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, occasionally bituminous, trace free crystals, trace pyritic, rare shale, rare coal, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, yellow white good streaming cut, faint petroliferous odour.

2395-2405 DOLOMITE 100% buff, light brown, part medium brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, occasionally bituminous, trace carbonaceous shale partings, trace pyritic, estimated 6-9% intercrystalline and inferred vuggy porosity, light brown even-minor spotty oil staining, milky white good fast streaming cut, faint petroliferous odour.

2405-2415 DOLOMITE 100% buff, light brown, medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, occasionally bituminous, trace carbonaceous shale partings, trace pyritic, estimated 6-12% intercrystalline and

inferred vuggy porosity, light brown even-minor spotty oil staining, milky white good fast streaming cut, faint petroliferous odour.

2415-2430 DOLOMITE 100% buff, light to medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, occasionally bituminous, common carbonaceous shale partings, trace pyritic, estimated 6-12% intercrystalline and inferred vuggy porosity, light brown even-minor spotty oil staining, milky white good streaming cut, faint petroliferous odour.

2430-2435 DOLOMITE 100% buff, light to medium brown, trace dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, occasionally bituminous, traces carbonaceous shale partings, trace pyritic, estimated 6-12% intercrystalline and inferred vuggy porosity, light brown even-part spotty oil staining, milky white good slow streaming cut, faint petroliferous odour.

2435-2445 DOLOMITE 100% light to medium brown, trace dark brown, grainstone-minor packstone, sucrosic, very fine-fine crystalline, occasionally bituminous, common carbonaceous shale partings, traces pyritic, estimated 6-12% intercrystalline and inferred vuggy porosity, light brown even-part spotty oil staining, milky white good slow streaming cut, faint petroliferous odour.

2445-2455 DOLOMITE 100% light to medium brown, grainstone-minor packstone, sucrosic, very fine-fine crystalline, trace bituminous, common carbonaceous shale partings, traces pyritic, estimated 6-12% intercrystalline and vuggy porosity, even-spotty oil staining, milky white slow streaming cut, faint petroliferous odour.

2455-2465 DOLOMITE 100% buff, light to medium brown, grainstone-minor packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous shale partings, traces pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, milky white slow streaming cut, faint petroliferous odour.

2465-2475 DOLOMITE 100% buff, light to medium brown, trace dark brown, grainstone-minor packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous shale partings, traces pyritic, estimated 6-9% intercrystalline and vuggy porosity, even oil staining, milky white slow streaming cut, faint petroliferous odour.

2475-2485 DOLOMITE 100% medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous shale partings, traces pyritic, estimated 6-9% intercrystalline and vuggy porosity, even to minor spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

2485-2500 DOLOMITE 100% medium brown, minor dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous shale partings, traces pyritic, estimated 6-9% intercrystalline and vuggy porosity, even to minor spotty oil staining, yellow white good streaming cut, faint petroliferous odour.

2500-2505 DOLOMITE 100% medium-light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, trace carbonaceous, shale partings, pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, poor slow cut.

2505-2515 DOLOMITE 100% medium-light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-fine crystalline, trace bituminous, occasional carbonaceous shale partings, pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, no visible-poor slow cut.

2515-2525 DOLOMITE 100% medium-light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, trace carbonaceous shale partings, pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, white yellow good streaming cut.

TOP LOWER SULPHUR POINT AT TOE MD 2530m TVD 1421.22m (SS -644m)

2525-2534 DOLOMITE 100% medium-light brown, minor dark brown, grainstone-packstone, sucrosic, very fine-minor fine crystalline, trace bituminous, trace carbonaceous, pyritic, estimated 6-9% intercrystalline and vuggy porosity, even-spotty oil staining, white yellow good streaming cut, faint petroliferous odour.

2534-2537 NO SAMPLE. The well was later drilled to 2537m MD, on March 18, 2011, while reaming the hole prior to running of liner.

TD: 2537m MD. ORIGINAL TD WAS 2534m MD, TVD 1421.17m (SS -643.95m)
REACHED ON MARCH 16, 2011@ 0215HRS.

BIT RECORD

Bit No	Size mm	Make	Type	Sr. #	Depth IN/Out (m)	Bit Mtrs	Bit Hrs	Wt Da N 100 0	RPM	Cumul. Hrs	Remarks
1	349	King Dream	HTOB G-1C	L29145	0022/0361	339	28.00	11	155	028.0	Surf. Hole
2	222	Reed	MSF-513	128437	0361/1114	753	74.25	4-8	100-140	102.25	Intermed. Hole
3	222	Reed	Tricone	EM 2856	1114/1240	126	23.25	13-15	100-125	125.50	
4	222	Reed	R20A MP	W30040	1240/1333	093	10.50	10-12	25-40	136.00	
4R R	222	Reed	R20A MP	W30040	1333/1424	091	32.50	12-14	42-45	162.50	Lost in the hole
5	222	Reed	R09A MP	JW5842	1333/1534	201	57.50	17-19	40-45	220.00	Side Track
6	156	Ulterra	513	5954	1534/2082	548	48.00	6.5-7.5	39-43	268.00	
7	156	Ulterra	155U D513	4563	2082/2534	452	59.25	7.5-10	39-45	237.25	

BIT HOURS TO DRILL 361m OF SURFACE HOLE:	028.00
BIT HOURS TO DRILL 1173m OF INTERMEDIATE HOLE:	192.00
BIT HOURS TO DRILL m OF MAIN HORIZONTAL HOLE:	107.25
TOTAL BIT HOURS TO DRILL 2534m OF HOLE:	237.25

MUD RECORD

MUD COMPANY: Marquis Alliance				MUD TYPE: Gel Polymer	
MUD UP @: 1068m					
DEPTH (m)	DEN. Kg/m ³	VIS. (S/L)	W.L. (ml/30 min)	pH	REMARKS
392	1050	38	-	9.0	Floc. Water 361-1068m.
592	1030	37	-	9.5	
860	1040	36	-	8.0	
1022	1040	38	-	9.5	
1032	1110	34	-	8.0	
1116	1120	43	12.0	8.5	
1148	1140	54	11.0	9.0	
1230	1130	50	7.0	8.5	
1245	1120	49	7.0	8.0	
1294	1120	49	8.0	8.0	
1349	1120	46	9.0	9.5	Drilled to 1424 & Sidetracked from 1333m.
1343	1060	42	13	12.0	Side Track
1398	1080	40	9.0	12.0	
1428	1110	48	9.0	10.5	
1460	1100	48	11.0	9.5	
1514	1110	52	8.0	10.0	
1541	1005	37	15.0	12.5	
1597	1020	38	9.5	11.0	
1695	1010	37	8.0	10.0	
1797	1010	40	7.5	10.5	
1880	1030	40	5.0	9.5	
2021	1040	38	5.5	9.5	
2116	1050	40	7.5	10.0	
2188	1030	38	7.5	9.0	
2217	1040	38	8.0	10.5	
2280	1030	41	6.0	9.0	
2374	1040	36	6.0	10.0	
2501	1030	38	7.0	10.5	

ENCLOSURES

The following are enclosed as part of this report:

1. Build section Measured Depth Geological Strip Log.
2. Build section TVD Geological Strip Log.
3. Lateral Section Measured Depth Horizontal Strip Log.
4. CD.

DISTRIBUTION

The ORIGINAL and FIVE copies of the geological report on Para et al Cameron 2H-03 have been completed. The ORIGINAL and FOUR copies of the report are being forwarded to Paramount Resources Ltd. and the remaining copy is being retained by Moh & Associates Oilfield Consultants Ltd.

Respectfully,

Moh Sahota, B.Sc. (Hons.), M.Sc. (Geology)
President
Moh and Associates Oilfield Consultants Ltd.



Paramount
resources ltd.

Scale 1:240 (5"=100') Metric
Measured Depth Log

Well Name: PARA ET AL CAMERON 2H-03; UWI: 302H036010117300
Location: SURFACE: Unit 2H Section 03 Grid 60° 10' 117° 30'
License Number: ADW WID #: 2073; NEB Operating Licence #: 1221 Region: NWT Mainland; Field: C
Spud Date: Jan. 20, 2011@ 2345 hrs Drilling Completed: March 16, 2011@0215h
Surface Coordinates: Lat 60° 02' 20.4" Long 117° 30' 6.3"

Bottom Hole
Coordinates:
Ground Elevation (m): 770.20m K.B. Elevation (m): 777.22m
Logged Interval (m): Surface To: TD Total Depth (m): 2537m
Formation:
Type of Drilling Fluid: Gel Polymer

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Paramount Resources Ltd.
Address: Bankers Hall,
4700-888 3rd Streey S.W.
Calgary , AB. T2P 5C5

GEOLOGIST

Name: Mashhood A. Chaudhry
Company: Moh & Associates Oilfield Consultants Ltd.
Address: 509 - 206 7th Avenue S.W.
Calgary, AB. Canada. T2P 0W7

Cores

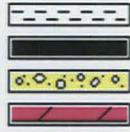
DSTs

Comments

ROCK TYPES



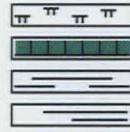
Anhy
Bent
Brec
Cht



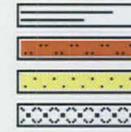
Clyst
Coal
Congl
Dol



Gyp
Igne
Lmst
Meta



Mrlst
Salt
Shale
Shcol



Shgy
Sltst
Ss
Till

ACCESSORIES

MINERAL

Anhy
 Arggrn
 Arg
 Bent
 Bit
 Breclrag
 Calc
 Carb
 Chtdk
 Chtlit
 Dol
 Feldspar
 Ferrpel
 Ferr
 Glau

Gyp
 Hvymin
 Kaol
 Marl
 Minxl
 Nodule
 Phos
 Pyr
 Salt
 Sandy
 Silt
 Sil
 Sulphur
 Tuff

FOSSIL

Algae
 Amph
 Belm
 Bioclst
 Brach
 Bryozoa
 Cephal
 Coral
 Crin
 Echin
 Fish
 Foram
 Fossil
 Gastro
 Oolite

Ostra
 Pelec
 Pellet
 Pisolite
 Plant
 Strom

STRINGER

Anhy
 Arg
 Bent
 Coal
 Dol
 Gyp
 Ls
 Mrst

Sltstrg
 Ssstrg

TEXTURE

Boundst
 Chalky
 Cryxln
 Earthy
 Finexln
 Grainst
 Lithogr
 Microxln
 Mudst
 Packst
 Wackest

OTHER SYMBOLS

POROSITY

Earthy
 Fenest
 Fracture
 Inter
 Moldic
 Organic
 Pinpoint

Vuggy

SORTING

Well
 Moderate
 Poor

ROUNDING

Rounded
 Subrnd
 Subang
 Angular

OIL SHOW

Even

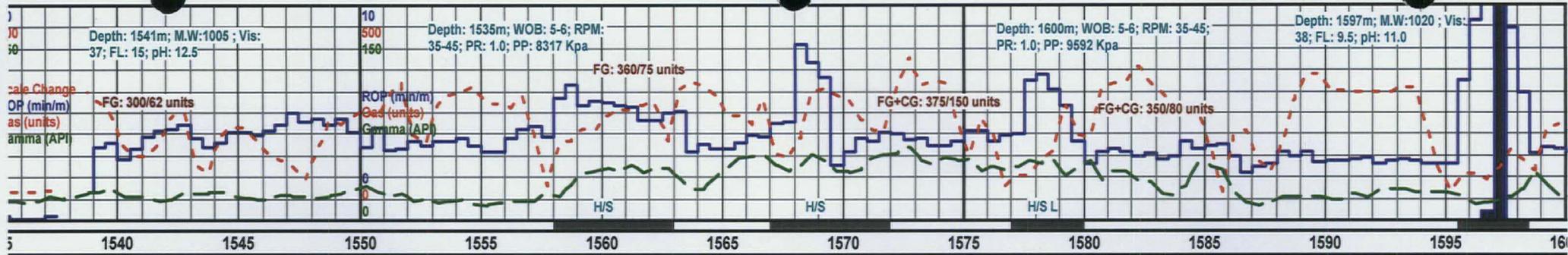
Spotted
 Ques
 Dead

INTERVAL

Core
 Dst

EVENT

Rft
 Sidewall

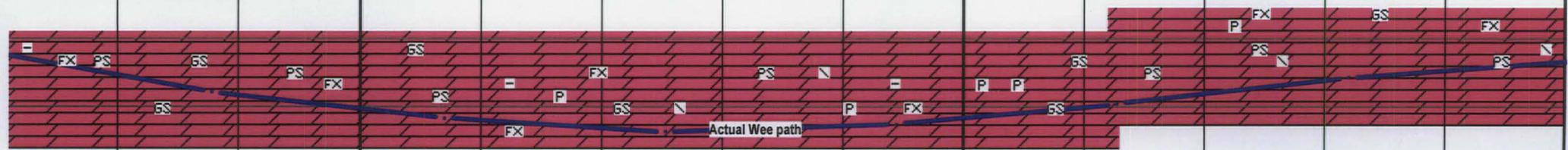


MD: 1543.85, TVD: 1423, INCL: 87.9 AZ: 182	1415.2 TVD (SS -638)	MD: 1591.4, TVD: 1422.8, INCL: 92.3 AZ: 180.4
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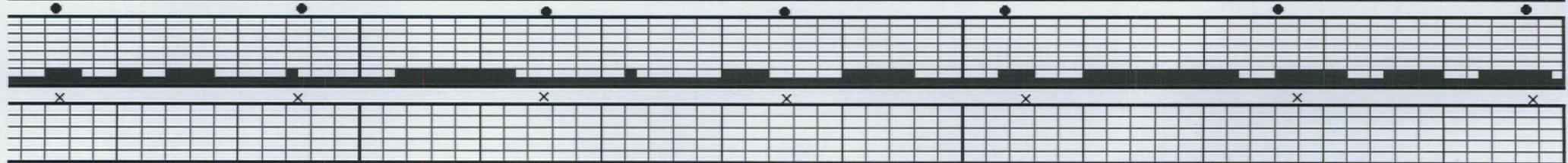
4-1540 DOL 100% bf, med brn, grnst-pckst, nr f xl, tr microxin, illy re-crystallized, est 3-6% intxl & frac por, yel g stmg cut.	1540-1550 DOL 100% lt-med brn, grnst-pckst, vf-f xl, locally re-crystallized, est 3-6% intxl & frac por, yel wh g stmg cut.	1550-1560 DOL 100% med-dk brn, grnst-pckst, vf-f xl, rr free crystal, tr blk sh ptg, est 3-6% intxl & frac por, yel wh g stmg cut.	1560-1570 DOL 100% med-dk brn, grnst-pckst, vf-f xl, tr blk sh partings, pt bitns, fr crystal relief, tr pyr, nod, est 3-6% intxl por, yel wh g stmg cut.	1570-1580 DOL 100% med-dk brn, grnst-pckst, vf-f xl, local blk sh partings, mntr bitns, fr crystal relief, tr pyritie nod, est 3-6% intxl por, sp-even o stng, yel wh g stmg cut. Faint peff odour, smokes mod when cooked.	1580-1590 DOL 100% med-dk brn, grnst-pckst, vf-f xl, local blk sh partings, mntr bitns, fr crystal relief, tr pyritie nod, est 3-6% intxl por, even-sp stng, yel wh g stmg cut. Faint peff odour, smokes mod when cooked.	1590-1600 DOL 100% med-dk brn, grnst-pckst, vf-f xl, local rexiz, some free xls, fr-p crystal relief, est 3-6% intxl por, even stng, yel wh g stmg cut. Faint peff odour, smokes mod when cooked.
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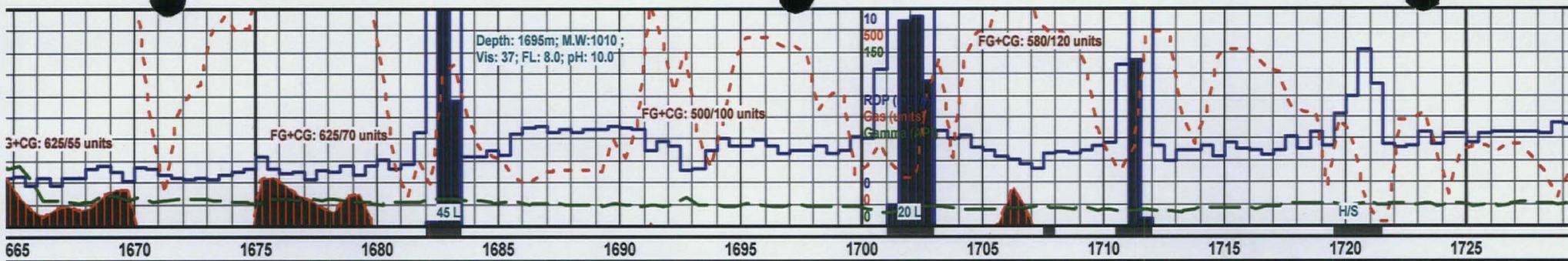
	1420.2 (ss -643)	
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TOP LOWER SULPHUR POINT AT HEEL MD
1544m TVD 1423.02m (SS -645.8m)

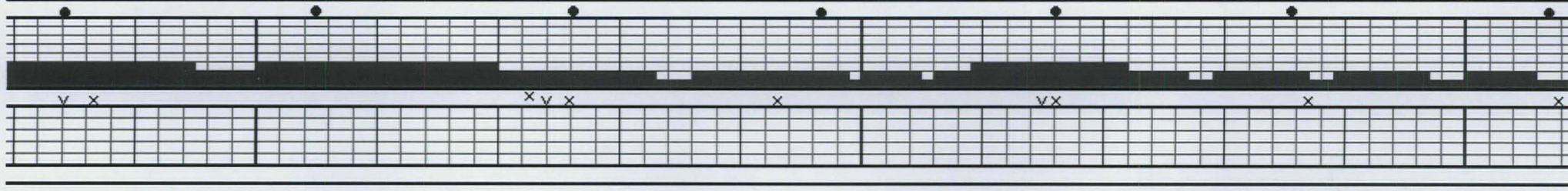
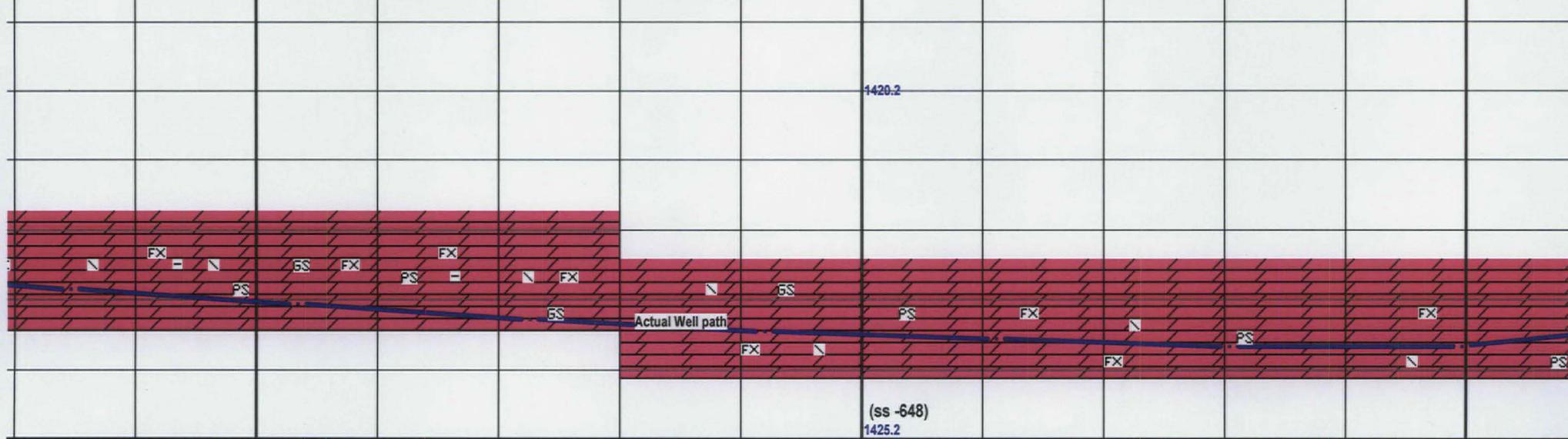


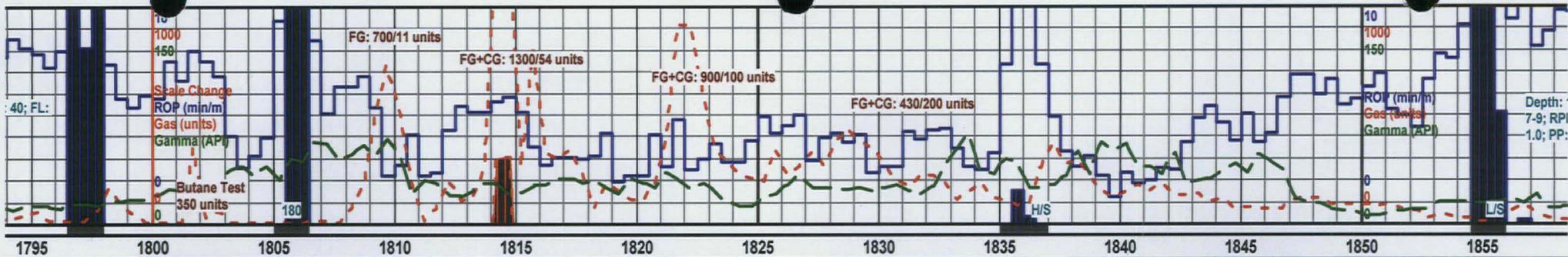
	(SS -648) 1425.2	
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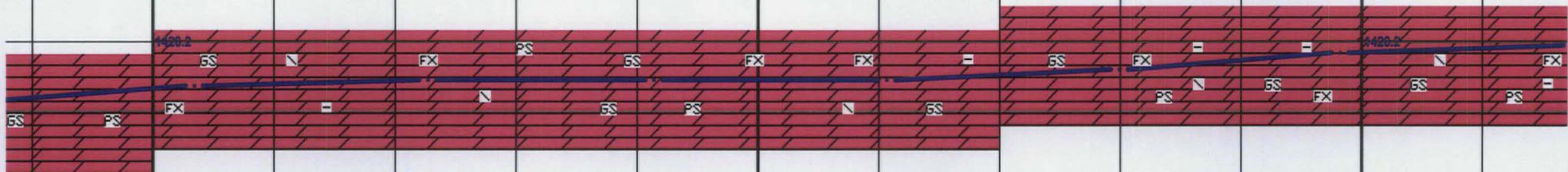


665	1670	1675	1680	1685	1690	1695	1700	1705	1710	1715	1720	1725
								1415.2 TVD (ss -638)				
<p>1705-1710 DOL 100% med-dk brn, grnst-pckst, vf-f xl, est 3-6% intxl, & inferred vugy por, even-sp o stng, yel wh g stmg cut. Faint petf odour.</p>												
1% med-dk f-f xl, tr free tr bitns, est id vugy por, l wh g stmg jr.	1670-1680 DOL 100% med-dk brn, grnst-pckst, vf-f xl, tr sh partings, tr bitns, est 3-9% intxl & inferred vugy por, even o stng, yel wh g stmg cut. Faint petf odour.	1680-1690 DOL 100% med-dk brn, grnst-pckst, vf-f xl, tr sh partings, tr bitns, est 3-9% intxl, & inferred vugy por, even o stng, yel wh g stmg cut. Faint petf odour.	1690-1700 DOL 100% med-dk brn, grnst-pckst, vf-f xl, tr sh partings, tr bitns, est 3-9% intxl, & inferred vugy por, even o stng, yel wh g stmg cut. Faint petf odour.	1700-1705 NO SAMPLE.	1710-1720 DOL 100% med-dk brn, grnst-pckst, vf-f xl, tr bitns, est 3-6% intxl, rr vugy por, even-sp o stng, yel wh g stmg cut. Faint petf odour.	1720-1730 DOL 100% med-dk brn, grnst-pckst, vf-f xl, tr bitns, est 3-6% intxl por, even o stng, yel wh g stmg cut. Faint petf odour.						

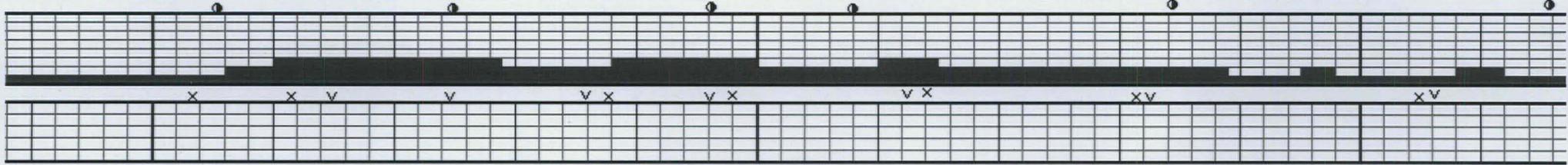


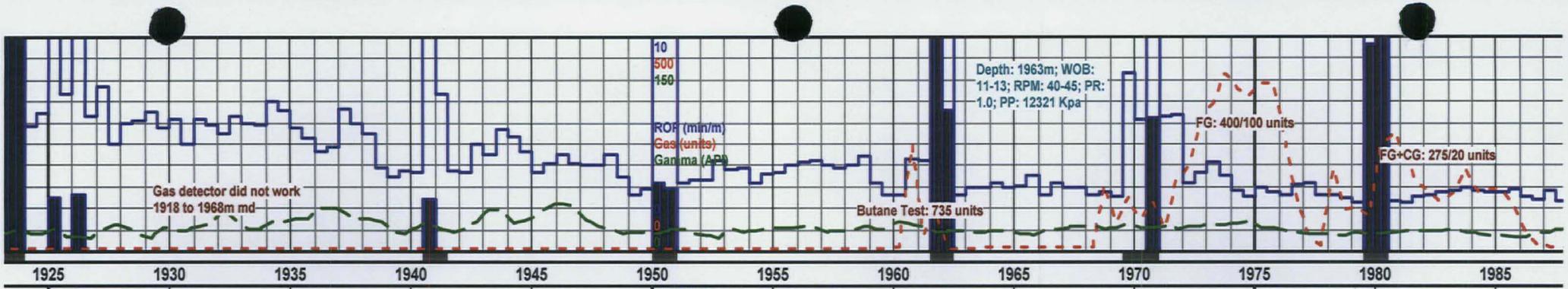


1795	1800	1805	1810	1815	1820	1825	1830	1835	1840	1845	1850	1855
1415.2 TVD (SS -638)												1415.2 TVD
1795-1800 DOL 100% med-dk brn, grnst-pckst, vf-mnr f xl, tr bitns, tr pyr, some rexiz & free xls, tr pyr, est 3-6% intxl & inferred vugy por, sp-even o stng, yel wh g stmg cut. Faint petf odour.	1800-1810 DOL 100% med-dk brn, grnst-pckst, vf-f xl, tr bitns, com rexiz & free xls, est 6-9% intxl & inferred vugy por, sp o stng, yel wh fr-g slow stmg cut. Faint petf odour.	1810-1820 DOL 100% predy wh c xls, pt med-dk brn, grnst-pckst, brn is vf-f xl, tr bitns, abnt rexiz & free xls, est 6-9% vugy & intxl por, only brn is o stnd, sp o stng, yel wh fr-g slow stmg cut.	1820-1830 DOL 100% predy wh c xls, pt med-dk brn, grnst-pckst, brn is vf-f xl, tr bitns, abnt rexiz & free xls, est 6-9% vugy & intxl por, only brn is o stnd, sp o stng, yel wh fr-g slow stmg cut.	1830-1840 DOL 100% wh c xls 50%, lt-dk brn 50%, grnst-pckst, brn is vf- f xl, tr bitns, abnt rexiz & free xls, est 6-9% vugy & intxl por, only brn is o stnd, sp o stng, yel wh fr-g slow stmg cut.	1840-1850 DOL 100% lt-dk brn, grnst-pckst, vf-f xl, tr bitns, occ sh, abnt clr-wh, f-c, xls, tr pyr, est 6-9% vugy & intxl por, brn is o stnd, sp o stng, yel wh fr slow stmg cut.	1850-1860 DOL 100% lt-dk brn, grnst-pckst, vf-mnr f xl, tr bitns, oc sh, com clr & f-c xls, tr pyr, est 3-6% intxl & vugy por, brn is o stng sp o stng, yel wh p slow cut.						



(ss -648) 1425.2											(ss -648) 1425.2
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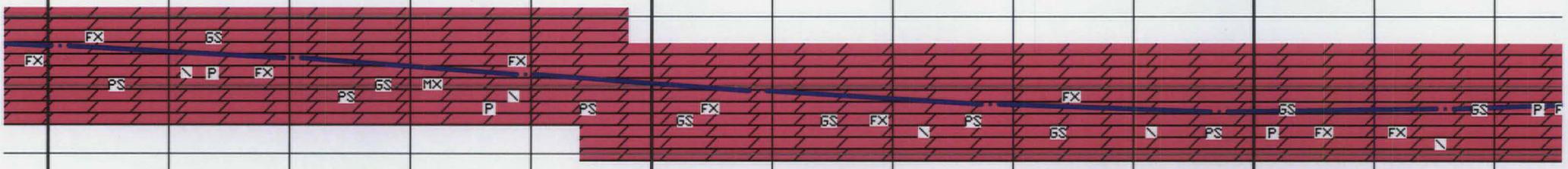




1415.2 TVD

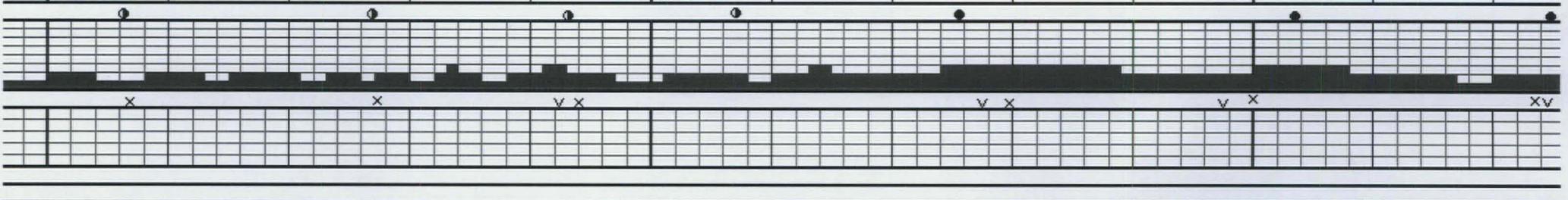
<p>OL 100% med-dk ckst, vf-f xl, bitns, dour est 3-6% intxl 1g, yel wh stmg cut.</p>	<p>1930-1940 DOL 100% med-dk brn, grnst-pckst, vf-f xl, tr bitns, rr pyrc, rr sh, p petf odour, est 3-6% intxl por, sp o stng, yel wh stmg cut.</p>	<p>1940-1950 DOL 100% med-dk brn, grnst-pckst, vf-mnr f xl, mnr microxin, tr bitns, rr pyrc, rr sh, est 3-9% intxl & tr vugy por, sp o stng, mky wh g stmg cut, fnt petf odour.</p>	<p>1950-1960 DOL 100% med-dk brn, grnst-pckst, vf-mnr f xl, tr bitns, rr sh, est 3-9% intxl & tr vugy por, sp o stng, mky wh g stmg cut, fnt petf odour.</p>	<p>1960-1970 DOL 100% med-dk brn, grnst-pckst, vf-mnr f xl, tr bitns, est 3-9% intxl & vugy por, even-sp o stng, yel wh g stmg cut, fnt petf odour.</p>	<p>1970-1980 DOL 100% med-dk brn, grnst-pckst, vf-mnr f xl, tr bitns, rr pyrc, est 3-9% intxl & vugy por, even-sp o stng, yel wh g stmg cut, fnt petf odour.</p>	<p>1980-1990 DOL 100% med-dk brn, grnst-pckst, vf-mnr f xl, occsion: free c clr xls, tr bitns, rr pyrc, es 3-9% intxl & vugy por, even-sp o stng, yel wh g stmg cut, fnt petf odour. Traces of o over the shak</p>
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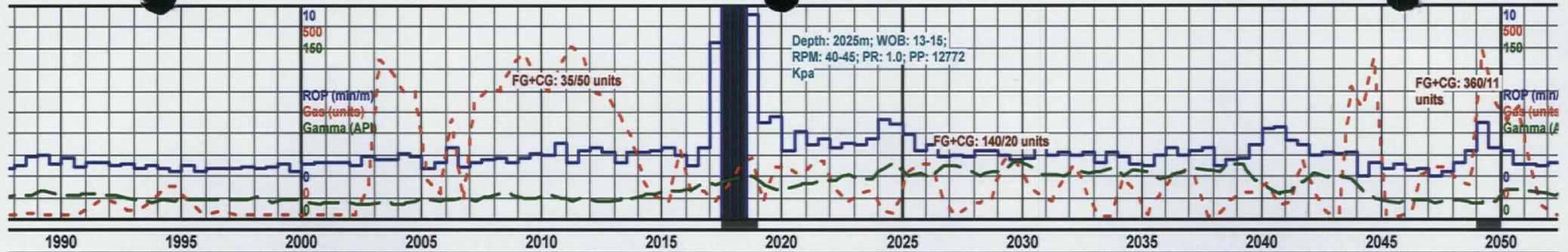
1420.2



(ss -648)

1425.2

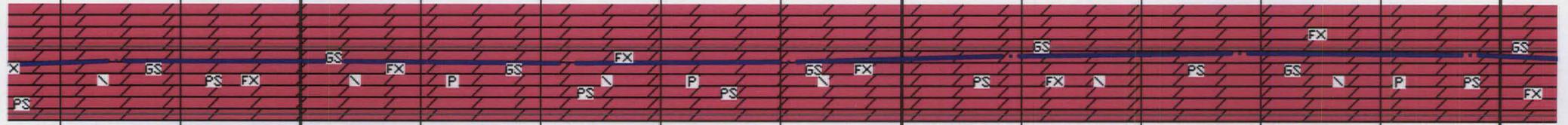




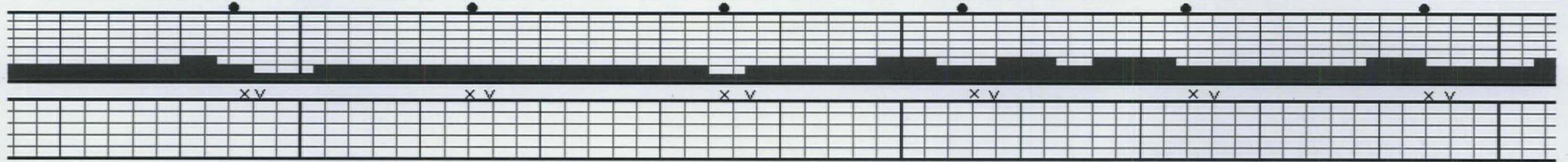
1415.2 TVD 1415.2 TVI (ss -638)

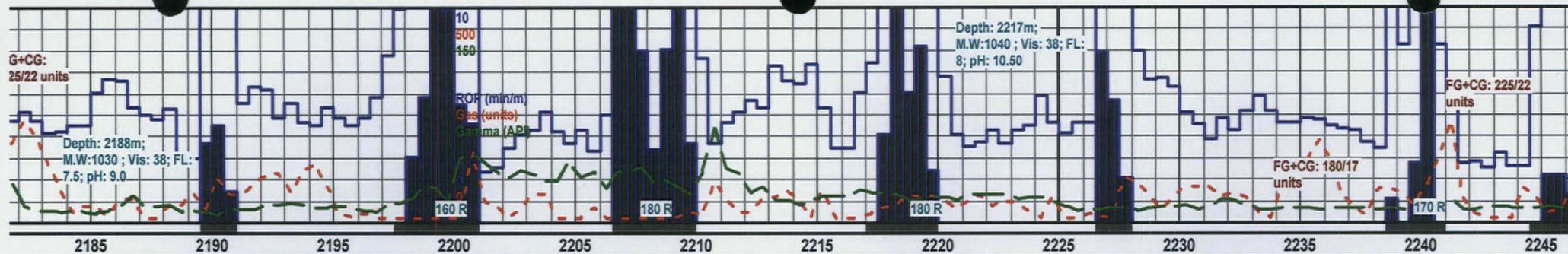
1990-2000 DOL 100% med-dk brn, grnst-pckst, vf-mnr f xl, rr free c clr xls, tr bitns, est 3-9% intxl & vugy por, even o stng, yel wh g stmg cut, fnt petf odour. Traces of o over the shaker.	2000-2010 DOL 100% med-dk brn, grnst-pckst, suc, vf-mnr f xl, rr free xls, tr bitns, rr pyrc, est 3-9% intxl & vugy por, even o stng, yel wh g stmg cut, fnt petf odour. Traces of o over the shaker.	2010-2020 DOL 100% med-dk brn, grnst-pckst, suc, vf-mnr f xl, rr free xls, tr bitns, rr pyrc, est 3-9% intxl & vugy por, even o stng, yel wh g stmg cut, fnt petf odour.	2020-2030 DOL 100% med-dk brn, grnst-pckst, suc, vf-mnr f xl, rr free xls, tr bitns, rr pyrc, est 3-9% intxl & vugy por, even o stng, yel wh g stmg cut, fnt petf odour.	2030-2040 DOL 100% med-dk brn, grnst-pckst, suc, vf-mnr f xl, mnr microxin, tr bitns, est 3-9% intxl & vugy por, even, pt sp o stng, yel wh g stmg cut, fnt petf odour.	2040-2050 DOL 100% med-dk brn, grnst-pckst, suc, vf-mnr f xl, tr bitns, rr sh, rr pyrc, est 3-9% intxl & vugy por, even o stng, yel wh g stmg cut, fnt petf odour.	2050-206 mnr dk b xl, tr bitn even o st petf odoi
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1420.2 1420.2

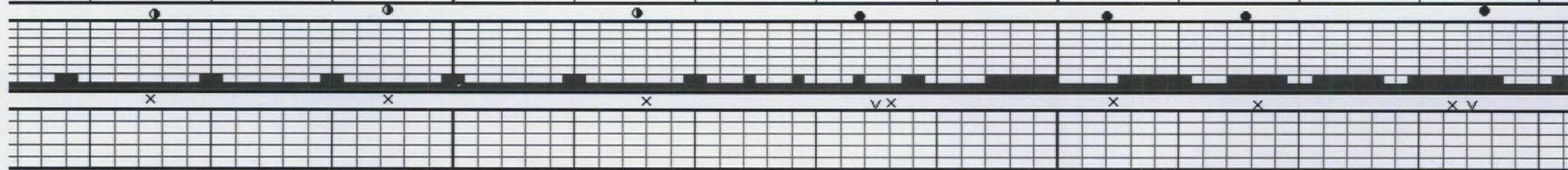
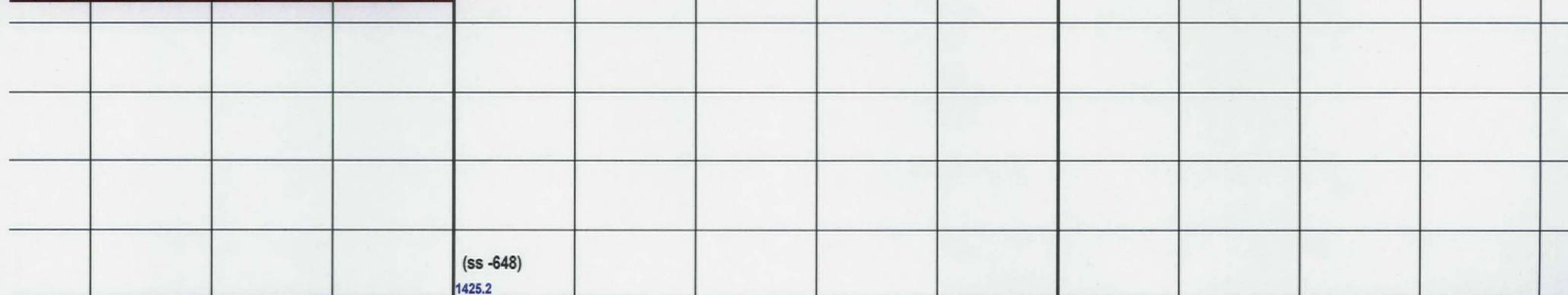
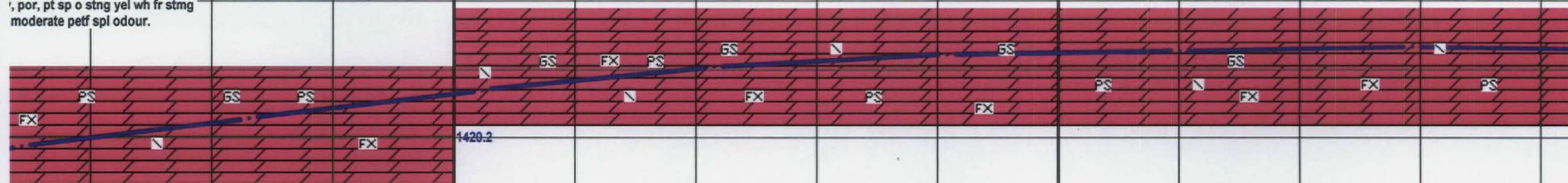


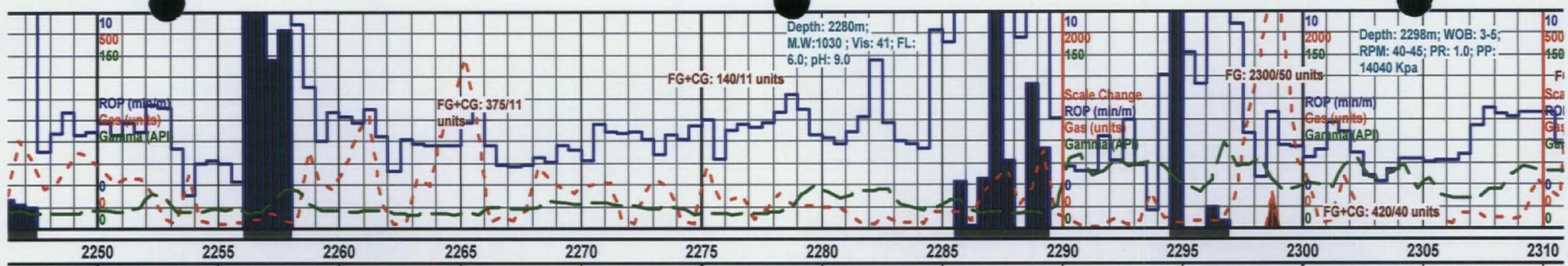
(ss -648) (ss -648)
1425.2 1425.2



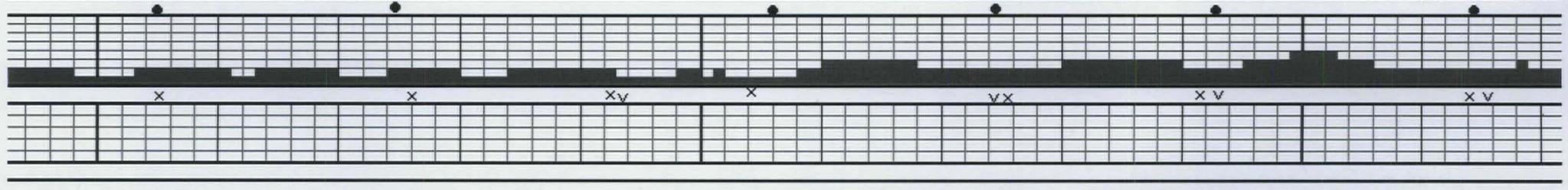


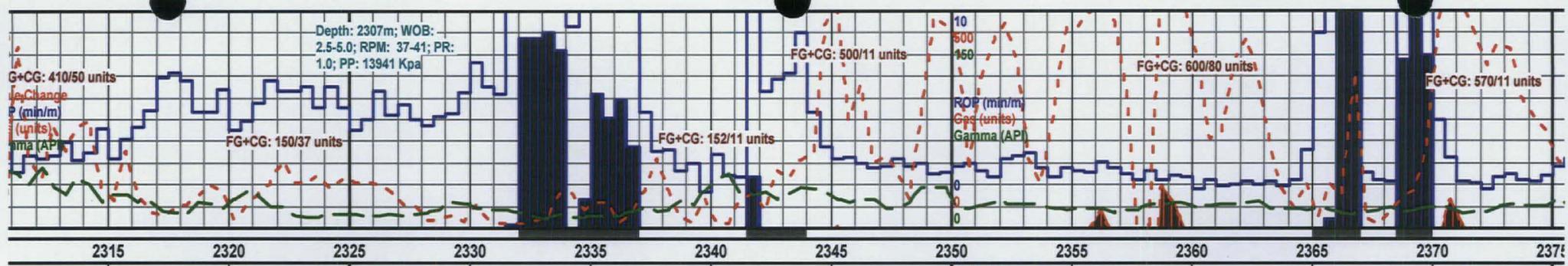
1415.2 TVD (SS -638)
 2190-2200 DOL 100% lt-med brn, occ dk brn, grnst-pckst, suc, vf xl, rr free xls, rr sh, sl bitns, est 3-6% intxl, rr vugy, por, sp-even o stng yel wh fr stmg cut. mod petf spl odour.
 2200-2210 DOL 100% lt-med brn, occ dk brn, grnst-pckst, suc, vf xl, rr free xls, rr sh, sl bitns, est 3-6% intxl, rr vugy, por, sp-even o stng yel wh fr stmg cut.
 2210-2220 DOL 100% lt-med brn, occ dk brn, grnst-pckst, suc, vf xl, rr free xls, rr sh, sl bitns, est 3-6% intxl, rr vugy, por, sp-even o stng yel wh fr stmg cut.
 2220-2230 DOL 100% med-dk brn, grnst-pckst, suc, vf-trs f xl, mnr sl bitns, est 3-6% intxl, rr vugy, por, even o stng yel wh fr-g stmg cut.
 2230-2240 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, mnr sl bitns, est 3-6% intxl, rr vugy, por, even o stng, yel wh g stmg cut.
 2240-2250 DOL 100% me grnst-pckst, suc, vf-f xl, t occ rexiz & free xls, est 3 vugy, por, even o stng, y cut.



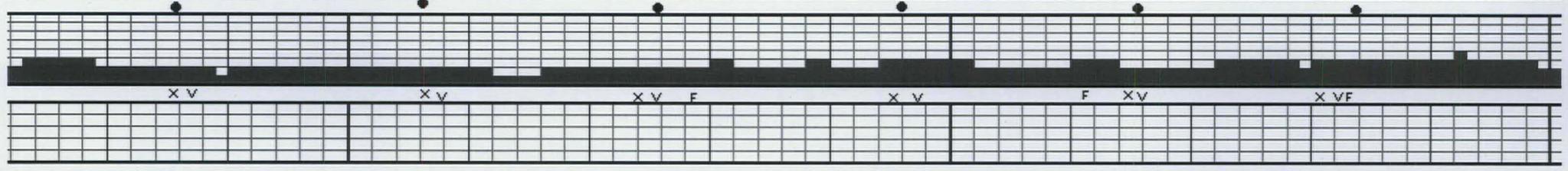
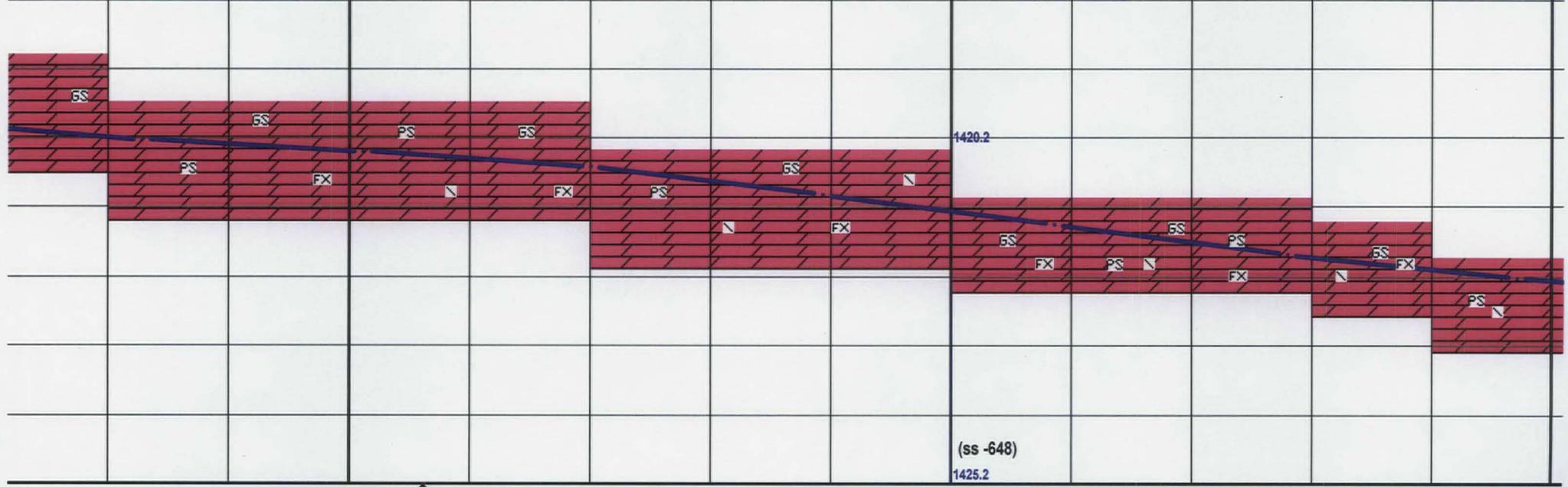


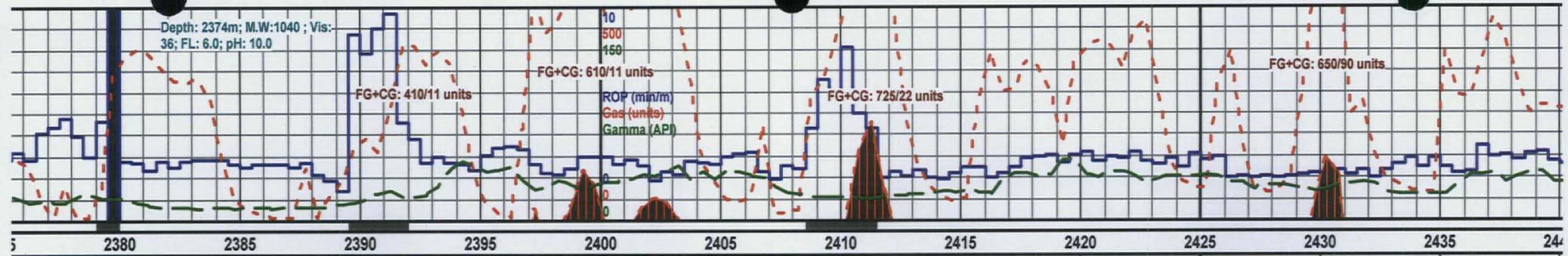
1415.2 TVD (SS -638)								1415.2 TVD (ss -638)							
med-dk brn, rs sl bitns, -6% intxl, occ al wh g stmg	2250-2260 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, trs bitns, rr sh, est 3-6% intxl, & tr vugy por, even o stng, yel wh g stmg cut.	2260-2270 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, tr bitns, tr free xls, est 3-6% intxl & tr vugy por, even o stng, yel wh g stmg cut.	2270-2280 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, tr bitns, rr pyrc, est 3-6% intxl & tr vugy por, even o stng, yel wh g stmg cut.	2280-2290 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, tr bitns, rr pyrc, occ free xls, est 3-9% intxl & mnr vugy por, even o stng, yel wh g stmg cut.	2290-2300 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, mnr bitns, trs pyrc, com free xls, rr sh, est 6-12% intxl & vugy, pos frac, por, even-sp o stng, yel wh g stmg cut.	2300-2310 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, mnr bitns, abnt med & c free xls, rr sh, est 3-9% intxl & vugy por, even-sp o stng, yel wh g stmg cut.			23 gr ab 3-st						
SS	PS	SS	SS	N	PS	P	P	SS	P	FX	=	SS	PS	N	FX
1420.2												1420.2			
(ss -648)												(ss -648)			
1425.2												1425.2			



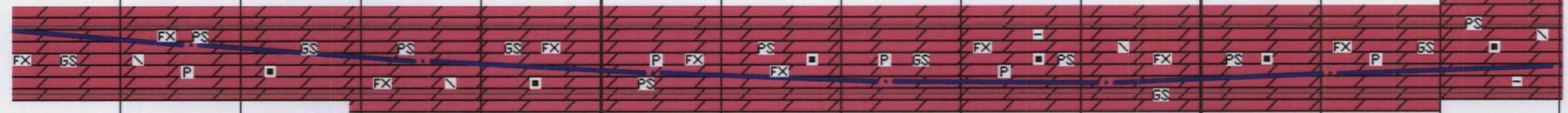
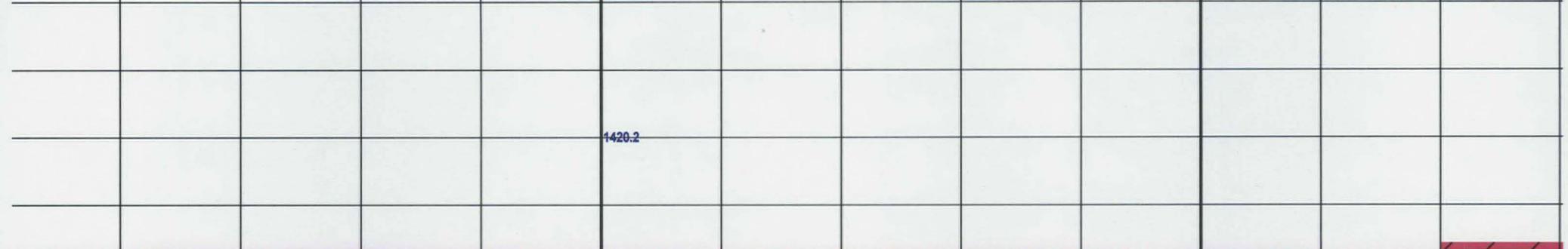


2315	2320	2325	2330	2335	2340	2345	2350	2355	2360	2365	2370	2375					
10-2320 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, mnr bitns, int med & c free xls, rr sh, est 9% intxl & vugy por, even-sp o stng, yel wh g stmg cut.						2320-2330 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, mnr bitns, com free xls, rr sh, est 3-9% intxl & vugy, pos frac, por, even-sp o stng, yel wh g stmg cut.		2330-2340 DOL 100% med-dk brn, grnst-pckst, suc, vf-f xl, mnr bitns, free xls, est 3-6% intxl & mnr vugy, por, even o stng, yel wh g stmg cut.		2340-2350 DOL 100% lt-med brn, grnst-pckst, suc, vf-f xl, bitns, some free xls, est 3-9% intxl & vugy, inferred frac, por, even o stng, yel wh g stmg cut.		2350-2360 DOL 100% lt-med brn, grnst-pckst, suc, vf-f xl, bitns, tr free xls, est 6-9% intxl & vugy, inferred frac, por, even o stng, yel wh g stmg cut.		2360-2370 DOL 100% med brn, grnst-pckst, suc, vf-mnr f xl, tr bitns, tr free xls, rr sh, est 6-9% intxl & vugy, inferred frac, por, even o stng, yel wh g stmg cut, fnt peff odour.		2370-2380 DOL 100% dk brn, grnst-pckst, s bitns, tr free xls, rr sh 6-9% intxl & vugy por wh g stmg cut, fnt pe	

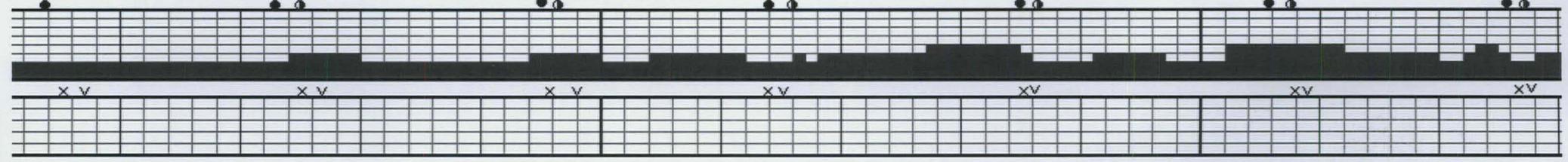


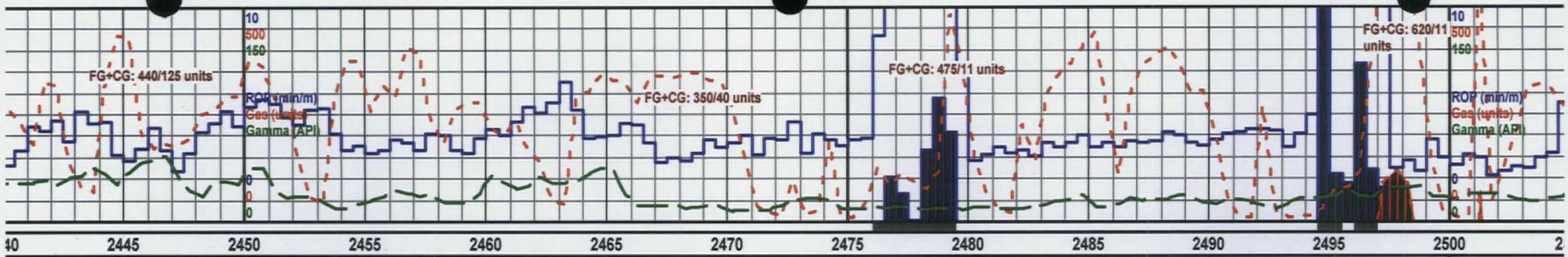


			1415.2 TVD (ss -638)				
med brn, mnr uc, vf-f xl, occlly i, rr coal, est ; even o stng, yel f odour.	2380-2395 DOL 100% med brn, tr dk brn, grnst-pckst, suc, vf-f xl, occlly bitns, tr free xls, tr pyrc, rr sh, rr coal, est 6-9% intxl & vugy por, even o stng, yel wh g stmg cut, fnt petf odour.	2395-2405 DOL 100% bf, lt brn, pt med brn, grnst-pckst, suc, vf-mnr f xl, occlly bitns, tr carb sh partings, tr pyrc, est 6-9% intxl & inferred vugy por, lt brn even-mnr sp o stng, mky wh g fast stmg cut, fnt petf odour.	2405-2415 DOL 100% bf, lt brn, med brn, tr dk brn, grnst-pckst, suc, vf-mnr f xl, occlly bitns, tr carb sh partings, tr pyrc, est 6-12% intxl & inferred vugy por, lt brn even-mnr sp o stng, mky wh g fast stmg cut, fnt petf odour.	2415-2430 DOL 100% bf, lt -med brn, tr dk brn, grnst-pckst, suc, vf-mnr f xl, occlly bitns, com carb sh partings, tr pyrc, est 6-12% intxl & inferred vugy por, lt brn even-mnr sp o stng, mky wh g stmg cut, fnt petf odour.	2430-2435 DOL 100% bf, lt -med brn, tr dk brn, grnst-pckst, suc, vf-mnr f xl, occlly bitns, trs carb sh partings, tr pyrc, est 6-12% intxl & inferred vugy por, lt brn even-pt sp o stng, mky wh g slow stmg cut, fnt petf odour.	2435-2445 DOL 100% dk brn, grnst-pckst, bitns, com carb sh p est 6-12% intxl & inf brn even-pt sp o stn stmg cut, fnt petf od	

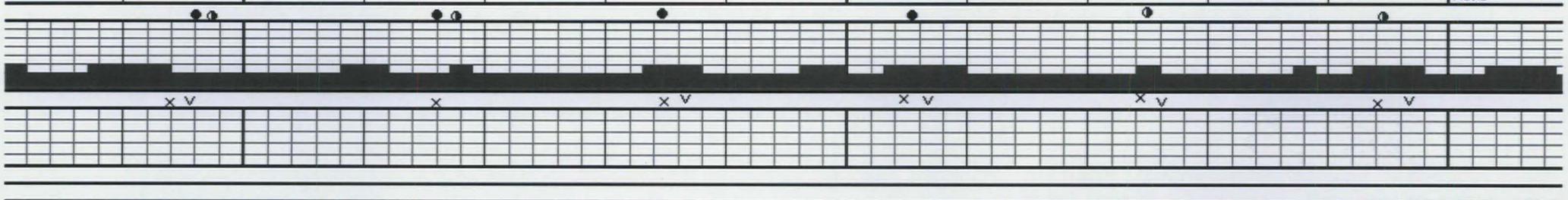


			1420.2				
			(ss -648)				
			1425.2				





40	2445	2450	2455	2460	2465	2470	2475	2480	2485	2490	2495	2500	2
		1415.2 TVD (ss -638)										1415.2 TVD (ss -638)	
lt -med brn, tr suc, vf-f xl, occly partings, trs pyrc, erred vugy por, lt g, mky wh g slow our.	2445-2455 DOL 100% lt-med brn, grnst-mnr pckst, suc, vf-f xl, tr bitns, com carb sh partings, trs pyrc, est 6-12% intxl & vugy por, even-sp o stng, mky wh slow stmg cut, fnt petf odour.		2455-2465 DOL 100% bf, lt-med brn, grnst-mnr pckst, suc, vf-f xl, tr bitns, tr carb sh partings, trs pyrc, est 6-9% intxl & vugy por, even-sp o stng, mky wh slow stmg cut, fnt petf odour.		2465-2475 DOL 100% bf, lt-med brn, tr dk brn, grnst-mnr pckst, suc, vf-f xl, tr bitns, tr carb sh partings, trs pyrc, est 6-9% intxl & vugy por, even o stng, mky wh slow stmg cut, fnt petf odour.		2475-2485 DOL 100% med brn, mnr dk brn, grnst-pckst, suc, vf-f xl, tr bitns, tr carb sh partings, trs pyrc, est 6-9% intxl & vugy por, even-mnr sp o stng, yel wh g stmg cut, fnt petf odour.		2485-2500 DOL 100% med brn, mnr dk brn, grnst-pckst, suc, vf-f xl, tr bitns, tr carb sh partings, trs pyrc, est 6-9% intxl & vugy por, even-mnr sp o stng, yel wh g stmg cut, fnt petf odour.			2500-2505 DOL 100% med-lt brn, mnr dk brn, grnst-pckst, suc, vf-f xl, tr bitns, tr carb, sh partings, pyrc, est 6-9% intxl & vugy por, even-sp o stng, p slow cut.	
		1420.2										1420.2	
		(ss -648)										(ss -648)	
		1425.2										1425.2	



Depth: 2501m; M.W:1030 ;
Vis: 38; FL: 7.0; pH: 10.5

FG+CG:
625/22 units

FG+CG:
340/11 units

Bit #: 7; Size: 156mm;
Make: Ulterra; Type:155
UD513; Ser. #: 4563; In:
2082; Out: 2534; Drilled:
452; Hrs: 59.25; Cond
(TBG);

10
500
160
ROP (min/m)
Gas (units)
Gamma (API)
0
0
0

505 2510 2515 2520 2525 2530 2535 2540 2545 2550 2555 25

1415.2 TVD
(ss -638)

2505-2515 DOL 100% med-lt brn,
mnr dk brn, grnst- pckst, suc,
vf-f xl, tr bitns, occ carb sh
partings, pyrc, est 6-9% intxl &
vugy por, even-sp o stng, no
visible-p slow cut.

2515-2525 DOL 100% med-lt brn, mnr
dk brn, grnst- pckst, suc, vf-mnr f xl,
tr bitns, tr carb sh partings, pyrc, est
6-9% intxl & vugy por, even-sp o
stng, wh yel g stmg cut.

2525-2534 DOL 100% med-lt brn,
mnr dk brn, grnst- pckst, suc,
vf-mnr f xl, tr bitns, tr carb, pyrc,
est 6-9% intxl & vugy por, even-sp
o stng, wh yel g stmg cut, fnt petf
odour.

2534-2537 NO SAMPLE.
Drilled to 2537m MD during
reaming of the hole.

TOP LOWER SULPHUR POINT AT TOE MD
2530m TVD 1421.22m (SS -644m)

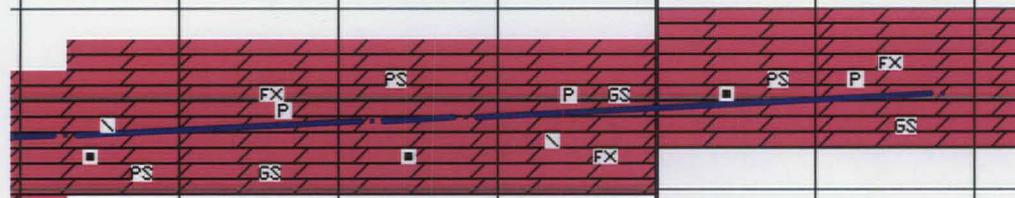
TD MD: 2537m, ORIGINAL TD MD: 2534m, TVD:
1421.17(SS -643.95m), INCL: 91.00, AZI: 180.50, S:
-1187.61m, E: 6.22m

ORIGINA TD OF 2534m MD WAS REACHED ON
MARCH 16, 2011 @ 0215HRS

1420.2

The well was later drilled to 2537m MD, on March
18, 2011, while reaming the hole prior to running
of liner.

(ss -648)
1425.2



x v x v x v

MATERIAL COSTS ESTIMATED VS. ACTUAL.

Product Name	Cost	Size	Surface Hole		Intermediate Hole		Main Hole		Total Used		Total Cost	Est. Cost	Difference
			Estimate	Actual	Estimate	Actual	Estimate	Actual	Estimated	Actual			
Alkapam A-1103D	\$227.0	25			7	1		7	7	8	\$1,816.00	\$1,589.00	\$227.00
BARITE 41	\$22.31	40				269		20	0	289	\$6,447.59	\$0.00	\$6,447.59
Bentonite (40 kg)	\$13.05	40	15			141	36	-7	51	134	\$1,748.70	\$665.55	\$1,083.15
Bicarbonate of Soda	\$29.59	25		2		1			0	3	\$88.77	\$0.00	\$88.77
Calcium Carbonate 0	\$9.80	25						112	0	112	\$1,097.60	\$0.00	\$1,097.60
Calcium Carbonate	\$9.80	25				67		45	0	112	\$1,097.60	\$0.00	\$1,097.60
Caustic Soda (22.68	\$41.79	22.68	3			22	8	6	11	28	\$1,170.12	\$459.69	\$710.43
Celloflake (11.34 Kg)	\$71.98	11.34				3			0	3	\$215.94	\$0.00	\$215.94
Defoamer (20 L)	\$210.3	20	7	2		40		6	7	48	#####	\$1,472.38	\$8,623.94
Desco CF (11.34 kg)	\$80.22	11.34		2		9	5	2	5	13	\$1,042.86	\$401.10	\$641.76
Detergent L (20 L)	\$61.30	20	3	10		4			3	14	\$858.20	\$183.90	\$674.30
Drispac Plus Regular	\$244.6	22.68				25		16	0	41	#####	\$0.00	\$10,028.60
Envirofloc	\$40.82	36.36			30	37		40	30	77	\$3,143.14	\$1,224.60	\$1,918.54
EZ Drill (208 L)	\$1,922	208						5	0	5	\$9,614.00	\$0.00	\$9,614.00
Hyperdrill AF 247 RD	\$227.4	25	7	6	2	4			9	10	\$2,274.50	\$2,047.05	\$227.45
Inhibidril (20 L)	\$166.3	20	11	19					11	19	\$3,159.70	\$1,829.30	\$1,330.40
Kelzan XCD Polymer	\$498.7	25	4	7		26	13	10	17	43	#####	\$8,478.75	\$12,967.50
Kwik Seal Medium	\$33.90	18.14				5			0	5	\$169.50	\$0.00	\$169.50
Lignite (22.68 kg)	\$15.72	22.68				46	4		4	46	\$723.12	\$62.88	\$660.24
Sawdust (7.3 kg)	\$6.64	7.3	100	60		230		85	100	375	\$2,490.00	\$664.00	\$1,826.00
Soda Ash (25kg)	\$19.57	25				11	12	2	12	13	\$254.41	\$234.84	\$19.57
Stardril (22.68 kg)	\$146.0	22.68					16	46	16	46	\$6,719.22	\$2,337.12	\$4,382.10
TKPP (25 kg)	\$152.7	25		6		6			0	12	\$1,833.24	\$0.00	\$1,833.24
Ultra Flocc L (20 L)	\$148.5	20				66		-9	0	57	\$8,469.06	\$0.00	\$8,469.06

SURFACE HOLE: Estimated \$8,057.85 **TECHNICAL** \$47,500.00
 Actual \$10,583.97 Number of 50

TOP HOLE: Estimated \$18,268.50
 Actual \$54,131.36

MAIN HOLE: Estimated \$13,102.11
 Actual \$31,289.11
 Cost:

TRUCKING
 Trucking charges:
 Pallets: \$0.00
 Shrinkwraps:
 Total \$47,500.00

TOTAL PRODUCTS COST: Estimated \$39,428.46
 Cost: \$96,004.44
 Actual Cost: \$96,004.44
 Difference: \$56,575.98

TOTAL DRILLING FLUIDS COST (PRODUCTS): \$143,504.44

INTERVAL DISCUSSIONS:

(Discuss Drilling Fluids related issues pertaining to problems, solutions and recommendations)

Surface Hole Discussion:

Surface to 360m:

Drilled 311mm surface hole with no trouble, controlled sticky cuttings with detergent and TKPP as needed. Increased viscosity to 55s/l with Kelzan XCD for T.D (12Pa yield point), wiper tripped and hit bridge Fr/ 202-214m. Wash in from 300m to bottom (361m). Pulled out to run casing with no problems, ran 244.5mm casing to 93m and had to head up and circulate joints 7 and 8 in due to hanging up, headed up for joints 11 and 12 and had to circulate down. The rest ran in with no troubles to casing point of 361m. Landed casing at 360m and cemented with 2m³ of good returns.

Intermediate/Main Hole Discussion :

Upper Intermediate to 1100m:

Drilled out cement, float and shoe. Flocculated water drilled to 860m, wiper tripped and ream from 846-860m. Drilled 222mm hole ahead to 1050m and stopped all floc additions and added soda ash ready for mud up. Drilled ahead to 1114m and pulled bit due to slow R.O.P. Ran in with bit #3 with no problems. Jacked and levelled rig at 1114m. Drilled ahead to 1120m and drilled into a reactive clay zone, fluid was dehydrated - increased water and mixed 2 sacks of Desco to resolve situation. Hole was tight, could not circulate, worked pipe out and regained circulation. Work tight hole from 1134-1112m for .75, Fr/1145-1125m for 2 hours and again Fr/ 1130-1154m in 1.25 hours. A reactive clay zone is present in this spot, dehydrated drilling fluid. Drilled ahead to K.O.P and pulled out, pulled 6daN over at 1150-1120m. Ran in with Directional assembly and reamed from 1100-1150m. Drilled ahead to 1333m and pulled out of hole to jack rig. Ran 2 bridges plugs into surface casing and pulled rig off location to drill piles on lease due to rig sinking problem. Moved rig back on location and drilled ahead to 1424m and bentonite content increased to 185kg/m³, treated with water and desco. On trip out at 1424m left motor assembly in hole from dump sub down. Fish and mill fish with no success. Ran 150m cement plug. Ran in and drilled cement, when drilling cement mud aerated and pump pressure was down to 800kpa. Displaced hole with surface mud and stripped aerated mud. Drilled 222mm hole ahead to T.D with no problems. Pulled tight at 1480m and pumped out 9 singles. Laid down directional tools, ream and clean from 1330-1534m on wiper trip. Circulate on bottom, pulled out to run casing, and pull tight at 1410m. Ran back to bottom, increased viscosity to 130s/l and yield point to 28P.a. Pulled out to run casing again and pulled tight from 1390-1350m, pulled 20-5daN over string weight. Ran casing and washed in from 1320m to bottom. Cemented with returns throughout cementing operations but got no cement returns.

Main Hole Discussion :

Main to 2534m:

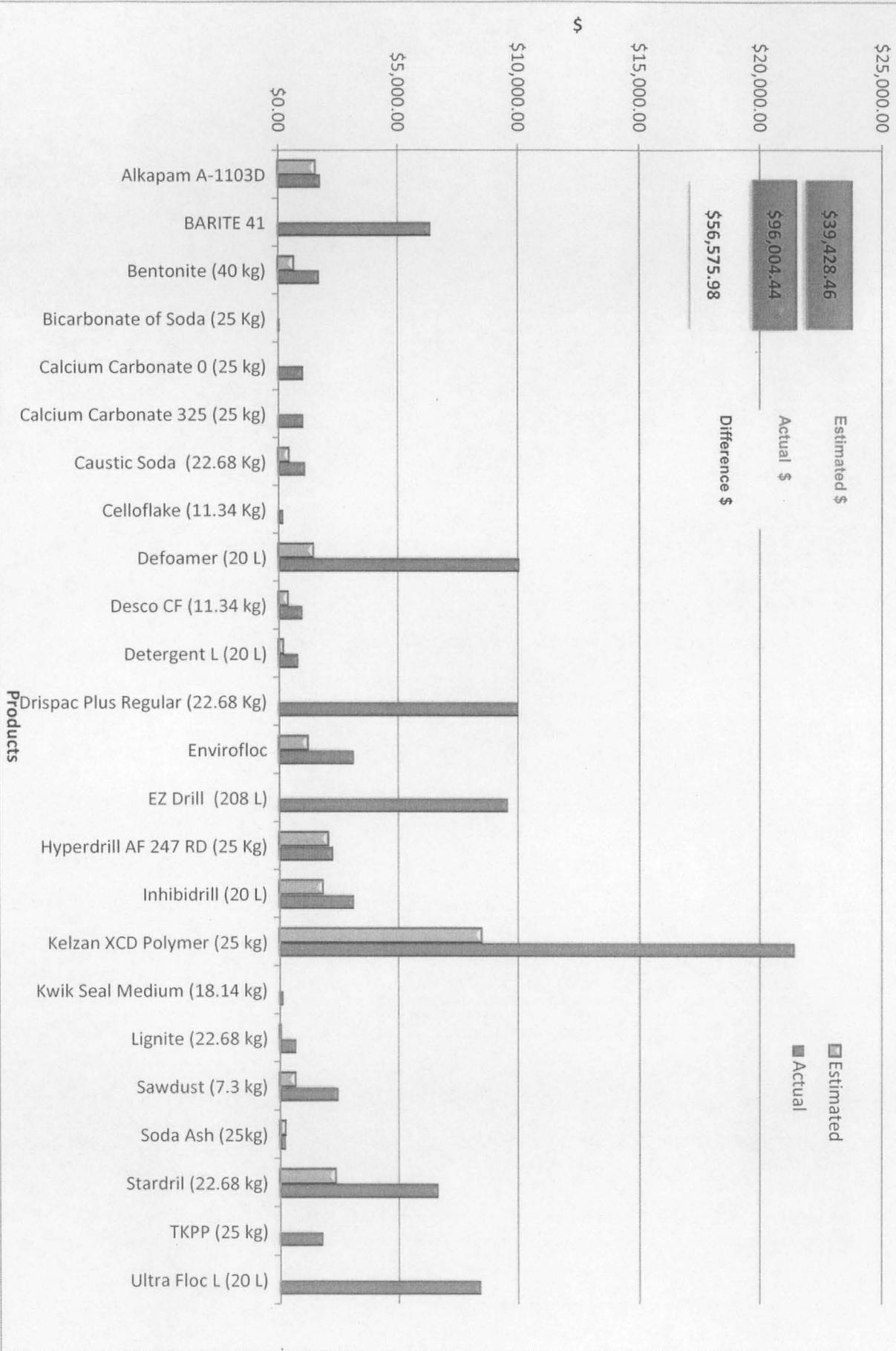
Drilled out float and shoe with water and blended water with prebuilt low-density polymer system. Drilled 156mm hole to 2082m, tripped out of hole for mud motor and bit. On trip in reamed dog legs at 1622m, washed in from 1725-1981m in 5.25 hours and again at 2006-2082m in 2.25 hours. Bit was 2mm under gauge. Drilled ahead with sliding problems, add EZ Drill as a slide assist and coat hole. The EZ Drill help sliding decreasing weight on bit from 30-35daN to 17-22daN. Drilled to T.D of 2534m. Pulled out of hole with no problems and picked up reamer, reamed to T.D with 2daN on bit with no problems and increased viscosity from 38-40s/l to 45s/l for running liner. Ran in liner, packers plus assembly with no problems, and set packers. Maintained 38-40s/l viscosity throughout horizontal section with excellent hole cleaning and increased to 45s/l for running liner. Y.P was 3-6P.a throughout section and increased to 8Pa for running liner.

P.h was 9.5-10.5 for section. Density was 1010-1040kg/m³ throughout section.

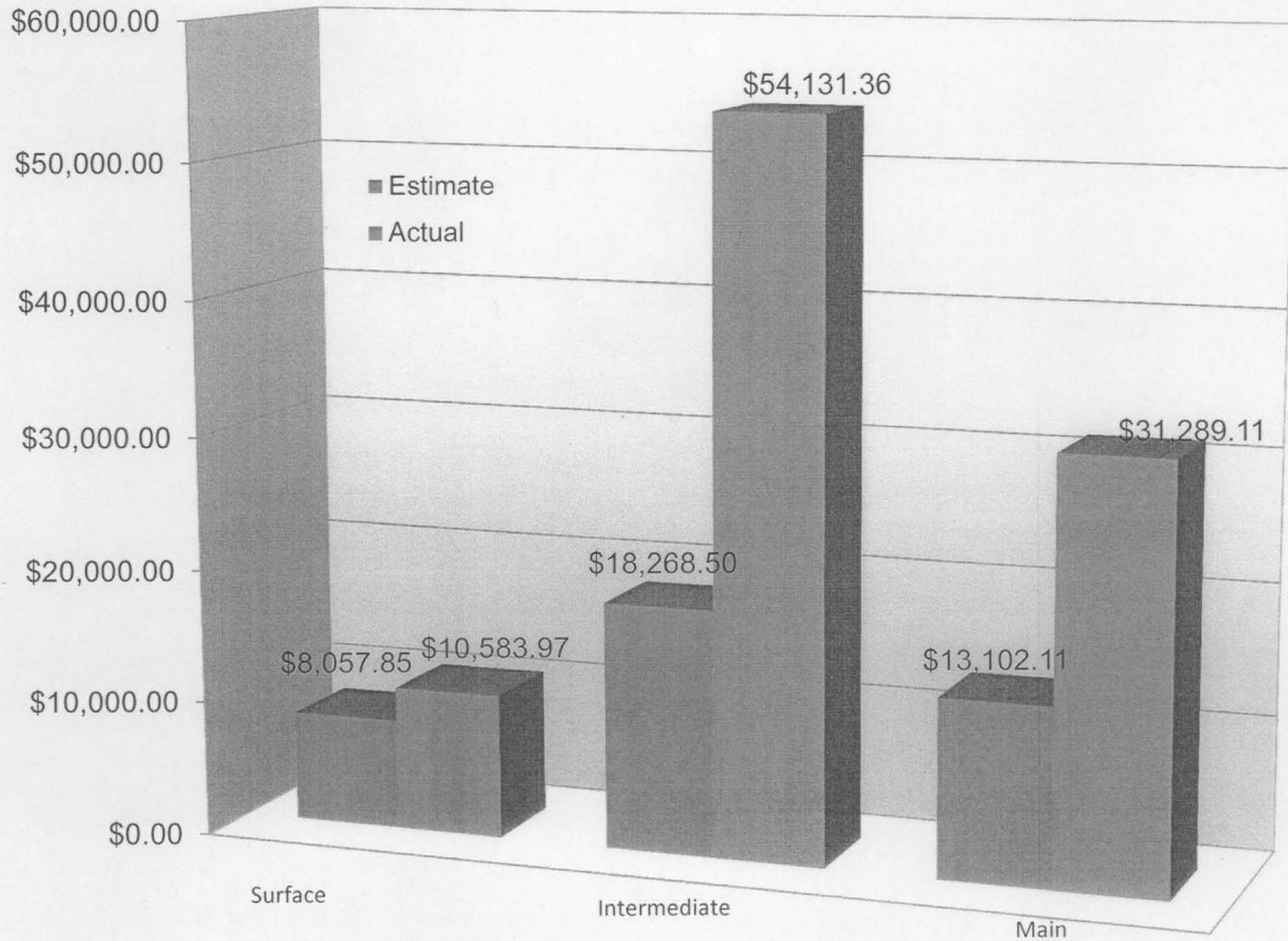
Fluid loss was below 8cc throughout section.

M-A ENERGY GROUP.

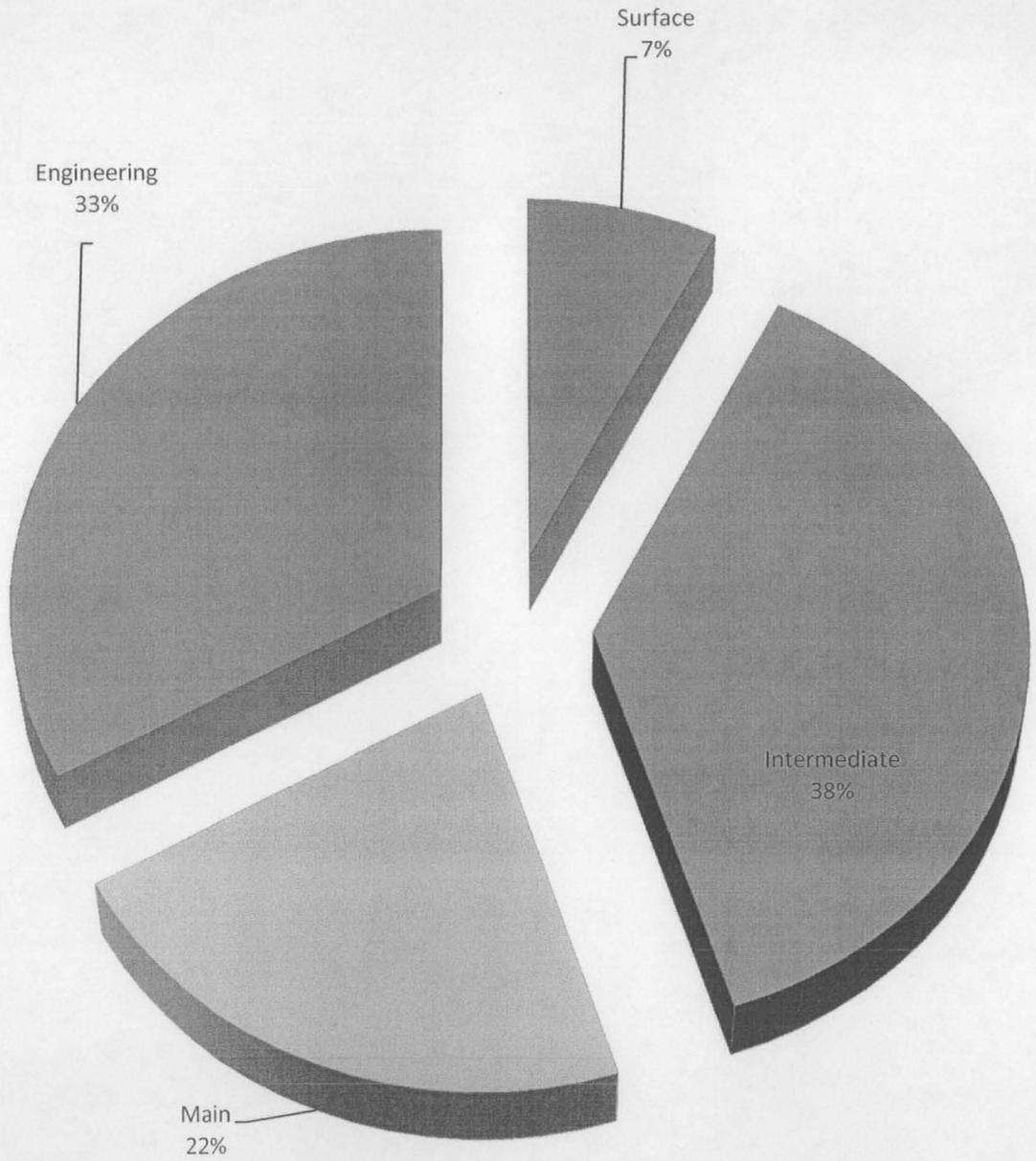
Paramount cameron - Products Usage Comparison



Actual vs. Estimated Cost by Interval



Interval Cost Breakdown
Mud Cost with Engineering
\$143,504.44





Directional Survey

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Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWV 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Wellbore Name Original Hole	Parent Wellbore	Kick Off Depth (mKB) 1,270.00	Vertical Section Direction (°)
Date 1/21/2011	Definitive? No	Description Directional Survey from Tour Sheet Import	Proposed? No
MD Tie In (mKB)	TVD Tie In (mKB)	Inclination Tie In (°)	Azimuth Tie In (°)
		NSTie In (m)	EW Tie In (m)

Survey Data										
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Method	Survey Company
1/21/2011	34.00	0.00	0.00	34.00	0.00	0.00	0.00	0.00	TELEDRIIFT	
1/21/2011	35.77	0.00	0.00	35.77	0.00	0.00	0.00	0.00	TELEDRIIFT	
1/21/2011	91.00	1.10	0.00	91.00	-0.53	0.53	0.00	0.60	WIRESLINE	
1/21/2011	92.77	1.10	0.00	92.77	-0.56	0.56	0.00	0.00	WIRESLINE	
1/21/2011	122.00	1.10	0.00	121.99	-1.13	1.13	0.00	0.00	WIRESLINE	
1/21/2011	123.77	1.10	0.00	123.76	-1.16	1.16	0.00	0.00	WIRESLINE	
1/21/2011	151.00	1.10	0.00	150.99	-1.68	1.68	0.00	0.00	WIRESLINE	
1/21/2011	152.77	1.10	0.00	152.76	-1.72	1.72	0.00	0.00	WIRESLINE	
1/21/2011	179.00	1.10	0.00	178.98	-2.22	2.22	0.00	0.00	WIRESLINE	
1/21/2011	180.77	1.10	0.00	180.75	-2.25	2.25	0.00	0.00	WIRESLINE	
1/22/2011	245.00	1.10	0.00	244.97	-3.49	3.49	0.00	0.00	WIRESLINE	
1/22/2011	283.00	0.91	0.00	282.96	-4.15	4.15	0.00	0.15	WIRESLINE	
1/25/2011	398.00	0.50	0.00	397.95	-5.57	5.57	0.00	0.11	TELEDRIIFT	
1/25/2011	411.00	0.50	0.00	410.95	-5.68	5.68	0.00	0.00	TELEDRIIFT	
1/25/2011	458.00	1.00	0.00	457.95	-6.30	6.30	0.00	0.32	TELEDRIIFT	
1/25/2011	495.00	1.50	0.00	494.94	-7.10	7.10	0.00	0.41	TELEDRIIFT	
1/26/2011	544.00	1.00	0.00	543.93	-8.17	8.17	0.00	0.31	TELEDRIIFT	
1/26/2011	591.00	2.00	0.00	590.91	-9.40	9.40	0.00	0.64	TELEDRIIFT	
1/26/2011	597.00	2.00	0.00	596.91	-9.61	9.61	0.00	0.00	TELEDRIIFT	
1/26/2011	616.00	2.00	0.00	615.90	-10.27	10.28	0.00	0.00	TELEDRIIFT	
1/26/2011	635.00	1.50	0.00	634.89	-10.85	10.86	0.00	0.79	TELEDRIIFT	
1/26/2011	702.00	2.00	0.00	701.86	-12.90	12.90	0.00	0.22	TELEDRIIFT	
1/26/2011	754.00	0.50	0.00	753.84	-14.04	14.04	0.00	0.87	TELEDRIIFT	
1/27/2011	801.00	0.50	0.00	800.84	-14.45	14.45	0.00	0.00	TELEDRIIFT	
1/27/2011	849.00	1.00	0.00	848.84	-15.07	15.07	0.00	0.31	TELEDRIIFT	
1/27/2011	856.00	0.50	0.00	855.84	-15.17	15.17	0.00	2.14	TELEDRIIFT	
1/27/2011	945.00	0.50	0.00	944.83	-15.94	15.94	0.00	0.00	TELEDRIIFT	
1/28/2011	980.00	1.00	0.00	979.83	-16.40	16.40	0.00	0.43	TELEDRIIFT	
1/28/2011	1,036.00	0.50	0.00	1,035.82	-17.13	17.13	0.00	0.27	TELEDRIIFT	



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Directional Survey

Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Survey Data										
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Method	Survey Company
1/28/2011	1,078.00	0.50	0.00	1,077.82	-17.50	17.50	0.00	0.00	TELEDRIFT	
1/30/2011	1,136.00	0.50	0.00	1,135.82	-18.01	18.01	0.00	0.00	TELEDRIFT	
1/30/2011	1,160.00	0.50	0.00	1,159.82	-18.21	18.22	0.00	0.00	TELEDRIFT	
1/30/2011	1,209.88	0.50	0.00	1,209.70	-18.65	18.65	0.00	0.00	TELEDRIFT	
2/1/2011	1,232.45	1.20	21.50	1,232.26	-18.97	18.97	0.09	1.01	DIRECTION A	
2/2/2011	1,270.88	3.10	184.80	1,270.68	-18.31	18.31	0.15	3.33	DIRECTION A	
2/2/2011	1,280.49	8.10	174.86	1,280.24	-17.37	17.37	0.19	15.84	DIRECTION A	
2/2/2011	1,289.00	12.80	174.10	1,288.61	-15.83	15.84	0.34	16.58	DIRECTION A	
2/2/2011	1,299.00	18.00	169.80	1,298.25	-13.20	13.21	0.72	15.96	DIRECTION A	
2/2/2011	1,307.00	22.50	169.10	1,305.75	-10.48	10.49	1.23	16.90	DIRECTION A	
2/2/2011	1,318.00	26.40	169.20	1,315.76	-6.00	6.02	2.09	10.64	DIRECTION A	
2/21/2011	1,326.35	27.90	169.90	1,323.19	-2.24	2.28	2.78	5.51	DIRECTION A	
2/21/2011	1,335.99	27.90	171.00	1,331.71	2.22	-2.17	3.53	1.60	DIRECTION A	
3/2/2011	1,344.56	31.80	165.90	1,339.14	6.40	-6.35	4.39	16.28	DIRECTION A	
2/21/2011	1,345.61	28.90	174.00	1,340.05	6.92	-6.87	4.49	143.16	DIRECTION A	
3/2/2011	1,354.16	35.50	165.20	1,347.28	11.39	-11.33	5.34	28.36	DIRECTION A	
2/21/2011	1,355.01	31.30	177.30	1,347.99	11.86	-11.79	5.41	277.31	DIRECTION A	
2/21/2011	1,364.21	34.30	177.60	1,355.73	16.84	-16.77	5.63	9.80	DIRECTION A	
3/2/2011	1,364.77	39.30	165.30	1,356.18	17.17	-17.10	5.68	475.96	DIRECTION A	
3/2/2011	1,373.38	42.20	165.30	1,362.70	22.62	-22.53	7.11	10.10	DIRECTION A	
2/21/2011	1,373.40	37.60	177.80	1,362.71	22.63	-22.54	7.11	13838.86	DIRECTION A	
3/2/2011	1,382.48	46.50	166.70	1,369.46	28.64	-28.54	7.98	38.23	DIRECTION A	
2/21/2011	1,382.59	41.50	177.30	1,369.54	28.71	-28.61	7.99	2423.96	DIRECTION A	
3/2/2011	1,392.09	50.00	167.90	1,376.17	35.44	-35.34	8.90	34.19	DIRECTION A	
2/21/2011	1,392.22	45.40	175.90	1,376.26	35.54	-35.43	8.92	1728.15	DIRECTION A	
3/3/2011	1,401.71	52.90	168.90	1,382.46	42.65	-42.53	9.89	29.00	DIRECTION A	
3/3/2011	1,411.33	55.30	171.60	1,388.10	50.34	-50.21	11.21	10.12	DIRECTION A	
3/3/2011	1,420.94	58.30	172.80	1,393.37	58.32	-58.17	12.30	9.88	DIRECTION A	



Directional Survey

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Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Survey Data										
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Method	Survey Company
3/3/2011	1,430.55	60.90	173.80	1,398.23	66.57	-66.41	13.26	8.55	DIRECTION A	
3/3/2011	1,439.72	69.30	175.70	1,402.09	74.85	-74.68	14.02	28.05	DIRECTION A	
3/3/2011	1,449.11	67.10	175.70	1,405.57	83.55	-83.37	14.67	7.03	DIRECTION A	
3/3/2011	1,458.27	70.20	175.60	1,408.91	92.06	-91.88	15.32	10.16	DIRECTION A	
3/3/2011	1,467.89	73.10	175.50	1,411.94	101.17	-100.98	16.03	9.05	DIRECTION A	
3/3/2011	1,477.50	75.30	176.60	1,414.55	110.41	-110.21	16.66	7.62	DIRECTION A	
3/3/2011	1,486.90	77.50	178.80	1,416.76	119.54	-119.33	17.03	9.79	DIRECTION A	
3/4/2011	1,496.52	78.00	179.90	1,418.80	128.94	-128.73	17.14	3.70	DIRECTION A	
3/4/2011	1,506.12	80.20	180.70	1,420.62	138.36	-138.16	17.09	7.30	DIRECTION A	
3/4/2011	1,519.00	84.80	181.20	1,422.30	151.12	-150.92	16.87	10.78	DIRECTION A	
3/9/2011	1,543.85	87.90	182.00	1,423.88	175.90	-175.71	16.18	3.86	DIRECTION A	
	1,543.85	87.90	182.00	1,423.88	175.90	-175.71	16.18	3.86	DIRECTION A	
3/9/2011	1,553.49	87.70	182.20	1,424.25	185.52	-185.34	15.83	0.88	DIRECTION A	
	1,553.49	87.70	182.20	1,424.25	185.52	-185.34	15.83	0.88	DIRECTION A	
3/9/2011	1,563.05	89.70	181.40	1,424.47	195.07	-194.89	15.53	6.76	DIRECTION A	
	1,563.05	89.70	181.40	1,424.47	195.07	-194.89	15.53	6.76	DIRECTION A	
3/9/2011	1,572.22	91.60	181.20	1,424.36	204.23	-204.06	15.32	6.25	DIRECTION A	
	1,572.22	91.60	181.20	1,424.36	204.23	-204.06	15.32	6.25	DIRECTION A	
3/9/2011	1,581.85	92.30	180.50	1,424.04	213.85	-213.68	15.18	3.08	DIRECTION A	
	1,581.85	92.30	180.50	1,424.04	213.85	-213.68	15.18	3.08	DIRECTION A	
3/9/2011	1,591.02	92.30	180.40	1,423.67	223.01	-222.84	15.11	0.33	DIRECTION A	
3/9/2011	1,600.66	90.50	180.60	1,423.43	232.65	-232.48	15.02	5.64	DIRECTION A	
3/9/2011	1,609.80	90.50	180.70	1,423.35	241.79	-241.62	14.92	0.33	DIRECTION A	
3/9/2011	1,619.43	90.50	180.70	1,423.27	251.41	-251.25	14.80	0.00	DIRECTION A	
3/9/2011	1,629.13	89.80	181.50	1,423.24	261.11	-260.94	14.61	3.29	DIRECTION A	
3/9/2011	1,638.51	89.10	181.00	1,423.33	270.48	-270.32	14.41	2.75	DIRECTION A	
3/9/2011	1,648.13	89.00	181.40	1,423.49	280.09	-279.94	14.21	1.29	DIRECTION A	
3/9/2011	1,657.74	88.40	181.40	1,423.71	289.70	-289.54	13.97	1.87	DIRECTION A	



Directional Survey

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Well Name: **PARA ET AL CAMERON 2H-03 HZ**

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Method	Survey Company
3/9/2011	1,667.34	88.80	180.00	1,423.95	299.29	-299.14	13.86	4.55	DIRECTION A	
3/9/2011	1,676.69	88.40	180.60	1,424.17	308.63	-308.49	13.81	2.31	DIRECTION A	
3/9/2011	1,695.95	88.80	179.90	1,424.65	327.89	-327.74	13.72	1.26	DIRECTION A	
3/9/2011	1,705.54	89.80	179.90	1,424.76	337.47	-337.33	13.74	3.13	DIRECTION A	
3/9/2011	1,715.15	89.00	179.50	1,424.86	347.08	-346.94	13.79	2.79	DIRECTION A	
3/9/2011	1,724.79	91.10	179.20	1,424.85	356.72	-356.58	13.90	6.60	DIRECTION A	
3/9/2011	1,734.41	93.00	179.30	1,424.51	366.34	-366.19	14.03	5.93	DIRECTION A	
3/9/2011	1,744.02	93.80	178.70	1,423.94	375.93	-375.78	14.19	3.12	DIRECTION A	
3/10/2011	1,753.64	92.90	179.30	1,423.38	385.53	-385.38	14.36	3.37	DIRECTION A	
3/10/2011	1,763.29	92.00	179.90	1,422.97	395.17	-395.02	14.43	3.36	DIRECTION A	
3/10/2011	1,772.91	91.60	179.80	1,422.66	404.79	-404.64	14.45	1.29	DIRECTION A	
3/10/2011	1,782.52	91.90	179.40	1,422.37	414.39	-414.24	14.52	1.56	DIRECTION A	
3/10/2011	1,792.12	91.90	180.00	1,422.05	423.99	-423.84	14.57	1.87	DIRECTION A	
3/10/2011	1,801.74	90.90	179.60	1,421.82	433.60	-433.46	14.60	3.36	DIRECTION A	
3/10/2011	1,811.39	90.20	179.90	1,421.72	443.25	-443.11	14.65	2.37	DIRECTION A	
3/10/2011	1,820.67	89.80	180.90	1,421.72	452.53	-452.39	14.58	3.48	DIRECTION A	
3/10/2011	1,830.31	90.20	180.90	1,421.72	462.17	-462.02	14.43	1.24	DIRECTION A	
3/10/2011	1,839.94	91.60	181.30	1,421.57	471.79	-471.65	14.25	4.54	DIRECTION A	
3/10/2011	1,849.11	91.30	180.70	1,421.34	480.95	-480.82	14.09	2.19	DIRECTION A	
3/10/2011	1,858.74	89.90	181.10	1,421.24	490.58	-490.44	13.93	4.54	DIRECTION A	
3/10/2011	1,868.15	89.20	180.20	1,421.31	499.99	-499.85	13.83	3.63	DIRECTION A	
3/10/2011	1,877.78	89.10	180.00	1,421.46	509.62	-509.48	13.81	0.70	DIRECTION A	
3/10/2011	1,887.42	88.40	180.60	1,421.67	519.25	-519.12	13.76	2.87	DIRECTION A	
3/10/2011	1,897.02	88.30	180.90	1,421.94	528.84	-528.71	13.63	0.99	DIRECTION A	
3/10/2011	1,906.68	88.20	180.90	1,422.24	538.50	-538.37	13.48	0.31	DIRECTION A	
3/11/2011	1,915.87	88.80	180.30	1,422.48	547.68	-547.56	13.39	2.77	DIRECTION A	
3/11/2011	1,925.50	89.40	179.40	1,422.63	557.31	-557.18	13.41	3.37	DIRECTION A	
3/11/2011	1,935.14	88.70	179.10	1,422.79	566.95	-566.82	13.54	2.37	DIRECTION A	



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Directional Survey

Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Survey Data										
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Method	Survey Company
3/11/2011	1,944.77	88.30	179.10	1,423.04	576.57	-576.45	13.69	1.25	DIRECTION A	
3/11/2011	1,954.40	88.90	178.90	1,423.28	586.20	-586.07	13.86	1.97	DIRECTION A	
3/11/2011	1,963.60	88.90	178.90	1,423.45	595.40	-595.27	14.03	0.00	DIRECTION A	
3/11/2011	1,973.50	89.90	178.50	1,423.56	605.30	-605.17	14.26	3.26	DIRECTION A	
3/11/2011	1,982.91	90.60	178.20	1,423.52	614.71	-614.57	14.53	2.43	DIRECTION A	
3/11/2011	1,992.27	90.40	178.40	1,423.44	624.06	-623.93	14.81	0.91	DIRECTION A	
3/11/2011	2,001.45	89.90	177.70	1,423.41	633.24	-633.10	15.12	2.81	DIRECTION A	
3/11/2011	2,011.07	89.70	177.50	1,423.44	642.86	-642.71	15.52	0.88	DIRECTION A	
3/11/2011	2,020.29	90.70	177.90	1,423.41	652.07	-651.93	15.89	3.50	DIRECTION A	
3/11/2011	2,029.52	90.30	177.10	1,423.33	661.30	-661.15	16.29	2.91	DIRECTION A	
3/11/2011	2,039.12	90.20	177.60	1,423.29	670.89	-670.74	16.74	1.59	DIRECTION A	
3/11/2011	2,048.74	89.40	176.50	1,423.32	680.51	-680.34	17.23	4.24	DIRECTION A	
3/11/2011	2,057.97	89.20	177.00	1,423.44	689.73	-689.56	17.76	1.75	DIRECTION A	
3/11/2011	2,067.55	89.60	176.90	1,423.54	699.30	-699.12	18.27	1.29	DIRECTION A	
3/13/2011	2,086.53	90.00	176.90	1,423.60	718.26	-718.08	19.29	0.63	DIRECTION A	
3/13/2011	2,096.17	90.60	177.50	1,423.55	727.89	-727.70	19.76	2.64	DIRECTION A	
3/13/2011	2,105.79	90.60	178.20	1,423.45	737.51	-737.32	20.12	2.18	DIRECTION A	
3/13/2011	2,115.40	90.70	177.90	1,423.34	747.12	-746.92	20.45	0.99	DIRECTION A	
3/13/2011	2,125.05	91.10	178.10	1,423.19	756.76	-756.56	20.79	1.39	DIRECTION A	
3/13/2011	2,134.41	91.40	178.70	1,422.99	766.12	-765.92	21.05	2.15	DIRECTION A	
3/13/2011	2,144.02	91.70	178.60	1,422.73	775.73	-775.52	21.28	0.99	DIRECTION A	
3/13/2011	2,157.21	92.00	178.80	1,422.30	788.91	-788.70	21.58	0.82	DIRECTION A	
3/13/2011	2,162.85	92.30	178.10	1,422.09	794.54	-794.34	21.73	4.05	DIRECTION A	
3/13/2011	2,172.48	92.30	177.70	1,421.70	804.16	-803.95	22.08	1.25	DIRECTION A	
3/13/2011	2,181.11	92.70	178.80	1,421.33	812.78	-812.57	22.34	4.07	DIRECTION A	
3/13/2011	2,191.53	92.60	178.40	1,420.84	823.19	-822.97	22.60	1.19	DIRECTION A	
3/14/2011	2,201.12	92.30	179.10	1,420.43	832.77	-832.55	22.81	2.38	DIRECTION A	
3/14/2011	2,210.74	91.70	179.70	1,420.10	842.39	-842.17	22.91	2.65	DIRECTION A	



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Directional Survey

Well Name: PARA ET AL CAMERON 2H-03 HZ

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Method	Survey Company
3/14/2011	2,220.37	90.30	179.50	1,419.93	852.02	-851.79	22.97	4.41	DIRECTION A	
3/14/2011	2,229.98	90.40	180.40	1,419.87	861.62	-861.40	22.98	2.83	DIRECTION A	
3/14/2011	2,239.60	90.10	179.90	1,419.83	871.24	-871.02	22.96	1.82	DIRECTION A	
3/14/2011	2,249.26	89.50	180.90	1,419.86	880.90	-880.68	22.89	3.62	DIRECTION A	
3/14/2011	2,258.88	89.00	182.10	1,419.99	890.51	-890.30	22.64	4.05	DIRECTION A	
3/14/2011	2,268.51	89.50	182.20	1,420.12	900.13	-899.92	22.28	1.59	DIRECTION A	
3/14/2011	2,278.19	89.90	182.10	1,420.17	909.80	-909.59	21.91	1.28	DIRECTION A	
3/14/2011	2,287.56	88.80	182.10	1,420.27	919.16	-918.96	21.57	3.52	DIRECTION A	
3/14/2011	2,297.19	87.80	182.90	1,420.56	928.77	-928.57	21.15	3.99	DIRECTION A	
3/14/2011	2,306.79	88.10	182.90	1,420.90	938.34	-938.16	20.67	0.94	DIRECTION A	
3/14/2011	2,316.43	88.80	183.50	1,421.16	947.95	-947.78	20.13	2.87	DIRECTION A	
3/15/2011	2,325.56	89.20	183.60	1,421.32	957.06	-956.89	19.56	1.35	DIRECTION A	
3/15/2011	2,335.04	88.00	183.90	1,421.55	966.51	-966.34	18.94	3.91	DIRECTION A	
3/15/2011	2,344.64	87.30	183.50	1,421.95	976.07	-975.92	18.32	2.52	DIRECTION A	
3/15/2011	2,349.45	87.10	183.40	1,422.18	980.86	-980.71	18.03	1.39	DIRECTION A	
3/15/2011	2,354.26	87.30	183.30	1,422.42	985.65	-985.51	17.75	1.39	DIRECTION A	
3/15/2011	2,363.95	87.80	183.20	1,422.83	995.31	-995.17	17.21	1.58	DIRECTION A	
3/15/2011	2,373.55	88.00	182.50	1,423.18	1,004.89	-1,004.76	16.73	2.27	DIRECTION A	
3/15/2011	2,382.95	88.80	182.10	1,423.45	1,014.27	-1,014.14	16.35	2.85	DIRECTION A	
3/15/2011	2,392.56	88.50	182.40	1,423.67	1,023.86	-1,023.74	15.97	1.32	DIRECTION A	
3/15/2011	2,402.14	89.30	181.80	1,423.86	1,033.43	-1,033.32	15.62	3.13	DIRECTION A	
3/15/2011	2,411.84	89.20	181.70	1,423.98	1,043.12	-1,043.01	15.33	0.44	DIRECTION A	
3/15/2011	2,421.00	90.70	181.40	1,423.99	1,052.27	-1,052.17	15.08	5.01	DIRECTION A	
3/15/2011	2,430.38	90.80	181.40	1,423.87	1,061.65	-1,061.54	14.85	0.32	DIRECTION A	
3/15/2011	2,439.97	90.50	180.90	1,423.76	1,071.23	-1,071.13	14.66	1.82	DIRECTION A	
3/15/2011	2,449.59	90.80	180.80	1,423.65	1,080.85	-1,080.75	14.51	0.99	DIRECTION A	
3/15/2011	2,458.89	91.30	180.40	1,423.48	1,090.14	-1,090.05	14.42	2.07	DIRECTION A	
3/15/2011	2,468.55	91.90	180.60	1,423.21	1,099.80	-1,099.70	14.33	1.96	DIRECTION A	

Directional Survey



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Well Name: **PARA ET AL CAMERON 2H-03 HZ**

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

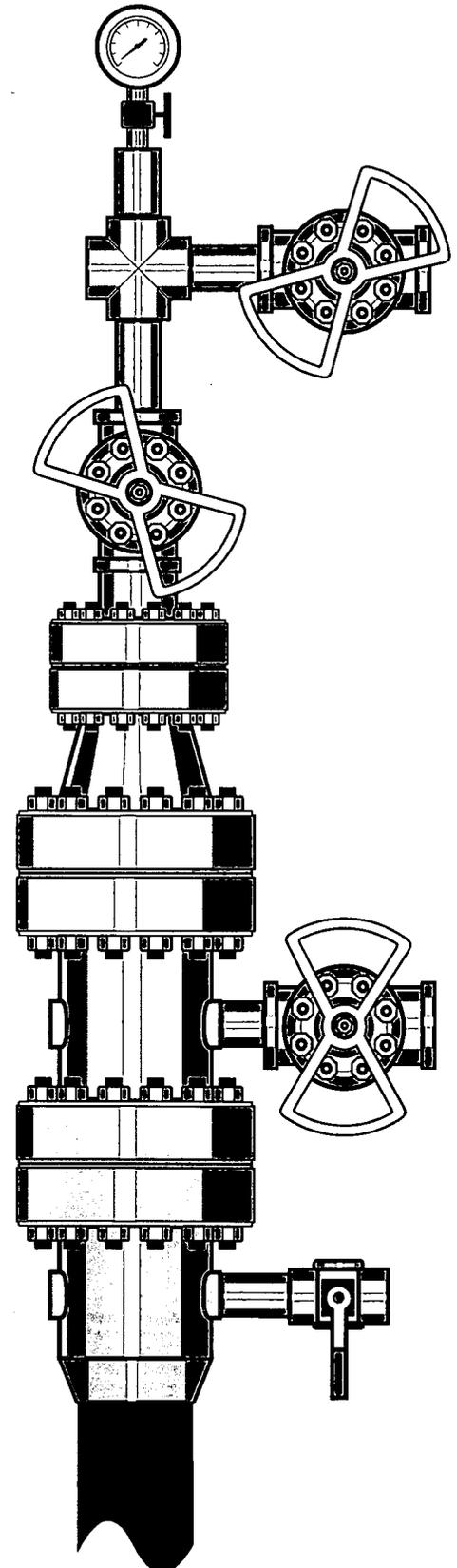
Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	VS (m)	NS (m)	EW (m)	DLS (°/30m)	Method	Survey Company
3/15/2011	2,478.15	91.00	180.50	1,422.97	1,109.39	-1,109.30	14.24	2.83	DIRECTION A	
3/15/2011	2,487.23	91.00	180.20	1,422.81	1,118.47	-1,118.38	14.19	0.99	DIRECTION A	
3/15/2011	2,496.85	90.60	180.60	1,422.67	1,128.08	-1,128.00	14.12	1.76	DIRECTION A	

Test Information

Operator Representative	Paramount Resources Milo Christie		
Well Name	Para ET AL Cameron 2H-03 HZ		
Surface Location	300/2H-03/6010-11730		
Downhole Location			
License	2073		
Formation	Sulphur Point		
Fluid Type	Oil		
Type	Horizontal		
Ground Elevation	770.20 m (SL)		
Kelly Bushing Elevation	777.22 m (SL)		
Drill Leg	1		
Producing Through:	Tubing		
Tubing Size	73.0 mm		
Tubing Weight	9.67 kg/m		
Casing Size	177.9 mm		
Casing Weight	34.23 kg/m		
Test Type	Swab/Flow/Evaluate		
Test Duration	Mon Mar 28 2011 - Fri Apr 01 2011		
Service Company	Silverline Swabbing		
Job #	1		
Test Unit #	SWPT-001		
Field Contact	Clint Lee	Phone	780 512 4580
Supervisor Contact	Raegan Weiss	Phone	780 831 4124
Production Interval (Top)		m (KB)	
Production Interval (Base)		m (KB)	
Test Totals:			
Produced Oil	82.89 m ³		
Produced Water	447.50 m ³		

Remarks:



Meter Report

Gas Meter Specification
Meter Size Orifice 1
 Orifice Metering (ANSI/API 2530-92) (AGA 3 1992)
 78.00 mm
Taps Flange
Meter Position Downstream
Material:
Tube Carbon Steel
Plate 304/316 Stainless

Gas Properties:
Correlation BWR with Wichert & Aziz Acid Gas Correction
Components:

N2	0.000 %	CO2	0.000 %	H2S	0.000 %
Gas Gravity	0.6500	pPc	4616.7 kPaa	pTc	207.056 K

Liquid Meter Fluids
 Volume 2
 Oil Water

Specification Gain
 Volume Meter
 Incremental



Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	vel	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
1	28/03/2011	09:00:00		0.00	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0	0.0
2		09:00:00	Arrive at security received orientation																
3		09:20:00	arrive on location																
4		09:45:00	spot equipment																
5		10:15:00	Purged vessel with propane																
6		10:50:00	function test ESD valve good test																
7		11:30:00	Shut in pressures																
8		11:30:00		0.00	373.0		6072.0	0.0	0.00	0.00	0.00	0.00	0.00	156.38	99.6	0.63	155.75	0	0.0
9		11:30:00	NOTE fluid rec on previous line are from service rig swabbing to Boreal testers Load fluid LTR 335.24m³																
10		11:45:00	open to vessel on gut line begin swabbing operations																
11		12:15:00	Swab#1 Tag@580m Pull@950m 1cup																
12		12:15:00		0.00	-1.0		6099.0				0.00			0.90	40.0	1.17	156.11		
13		12:25:00	Swab#2 tag@600m Pull@1000m																
14		12:25:00		0.00	-1.0		6118.0				0.00			1.16	90.0	1.28	157.16		
15		12:35:00	Swab#3 Tag@605m Pull@1000m																
16		12:35:00		0.00	-1.0		6138.0				0.00			0.80	90.0	1.36	157.88		
17		12:50:00	Swab#4 Tag@605m Pull@1000m																
18		12:50:00		0.00	-1.0		6149.0				0.00			0.80	100.0	1.36	158.68	130000	6.0
19		13:05:00	Swab#5 Tag@605m Pull@1000m 1cup																
20		13:05:00		0.00	-1.0		6135.0				0.00			1.14	100.0	1.36	159.82		
21		13:05:00	Shipped vessel to 400bbl tank																
22		13:30:00	Swab#6 Tag@610m Pull@1010m																
23		13:30:00		0.00	-1.0		6133.0				0.00			0.96	100.0	1.36	160.78		
24		13:45:00	Swab#7 Tag@605m Pull@1010m																
25		13:45:00		0.00	-1.0		6144.0				0.00			1.00	100.0	1.36	161.78		
26		13:55:00	Swab#8 Tag@605m Pull@1010m																
27		13:55:00		0.00	-1.0		6147.0				0.00			0.60	100.0	1.36	162.38	130000	6.0
28		14:10:00	Swab#9 Tag@610m Pull@1010m 1cup																
29		14:10:00		0.00	-1.0		6147.0				0.00			1.30	100.0	1.36	163.68		
30		14:25:00	Swab#10 Tag@615m Pull@1025m																
31		14:25:00		0.00	-1.0		6150.0				0.00			1.01	100.0	1.36	164.69		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2							
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH	
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm		
32	28/03/2011	14:25:00																		
33		14:50:00																		
34		14:50:00		0.00	-1.0		6144.0				0.00			1.00	100.0	1.36	165.69			
35		15:00:00																		
36		15:00:00		0.00	-1.0		6151.0				0.00			0.80	100.0	1.36	166.49	130000	6.0	
37		15:15:00																		
38		15:15:00		0.00	-1.0		6152.0				0.00			1.46	100.0	1.36	167.95			
39		15:30:00																		
40		15:30:00		0.00	-1.0		6146.0				0.00			1.44	100.0	1.36	169.39			
41		15:45:00																		
42		15:45:00		0.00	-1.0		6148.0				0.00			1.00	100.0	1.36	170.39			
43		15:45:00																		
44		16:05:00																		
45		16:05:00		0.00	-1.0		6154.0				0.00			1.00	100.0	1.36	171.39	130000	6.0	
46		16:25:00																		
47		16:25:00		0.00	-1.0		6153.0				0.00			1.66	100.0	1.36	173.05			
48		16:35:00																		
49		16:35:00		0.00	-1.0		6145.0				0.00			1.20	100.0	1.36	174.25			
50		16:50:00																		
51		16:50:00		0.00	-1.0		6144.0				0.00			1.44	100.0	1.36	175.69			
52		16:55:00																		
53		17:10:00																		
54		17:10:00		0.00	-1.0		6164.0				0.00			1.40	100.0	1.36	177.09	130000	6.0	
55		17:25:00																		
56		17:25:00		0.00	-1.0		6157.0				0.00			1.46	100.0	1.36	178.55			
57		17:45:00																		
58		17:45:00		0.00	-1.0		6217.0				0.00			1.40	100.0	1.36	179.95			
59		17:50:00																		
60		17:50:00		0.00	160.0		6240.0				0.00			0.63	100.0	1.36	180.58	130000	6.0	
61		17:55:00																		
62		18:20:00																		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
63	28/03/2011	18:20:00		0.00	130.0		6239.0				0.00			1.00	100.0	1.36	181.58		
64		18:35:00	Swab#25 Tag@550m Pull@1000m																
65		18:35:00		0.00	-1.0		6247.0				0.00			1.26	100.0	1.36	182.84		
66		18:50:00	Swab#26 Tag@620m Pull@1075m																
67		18:50:00		0.00	-1.0		6303.0				0.00			1.50	100.0	1.36	184.34		
68		19:25:00	Swab#27 Tag @560m pull 1075m																
69		19:25:00		0.00	20.0		6335.0				0.00			1.55	100.0	1.36	185.89		
70		19:45:00	swab #28 tag 550m pull 1075m 1cup																
71		19:45:00		0.00	10.0		6352.0				0.00			1.00	100.0	1.36	186.89	130000	6.0
72		19:50:00	shipped to 400bbl																
73		20:15:00	swab #29 tag @550m pull from 1100m																
74		20:15:00		0.00	1.0		6373.0				0.00			1.50	100.0	1.36	188.39		
75		20:35:00	swab # 30 tag 550m pull 1100m																
76		20:35:00		0.00	20.0		6393.0				0.00			0.85	100.0	1.36	189.24		
77		20:50:00	swab # 31 tag 600m pull 1150m																
78		20:50:00		0.00	-1.0		6403.0				0.00			0.98	100.0	1.36	190.22		
79		21:10:00	swab # 32 tag 600m pull 1150m																
80		21:10:00		0.00	40.0		6419.0				0.00			1.10	100.0	1.36	191.32		
81		21:30:00	swab # 33 tag 560m pull 1150m																
82		21:30:00		0.00	40.0		6439.0				0.00			1.04	100.0	1.36	192.36	130000	6.0
83		21:40:00	shipped to 400bbl																
84		22:00:00	swab # 34 tag 570m pull 1150m																
85		22:00:00		0.00	20.0		6441.0				0.00			1.65	100.0	1.36	194.01		
86		22:20:00	swab # 35 tag 570m pull 1150m																
87		22:20:00		0.00	1.0		6465.0				0.00			0.71	100.0	1.36	194.72		
88		22:35:00	swab # 36 tag 600 pull 1175m 1cup																
89		22:35:00		0.00	10.0		6480.0				0.00			1.21	100.0	1.36	195.93		
90		22:55:00	swab # 37 tag 560m pull 1175m																
91		22:55:00		0.00	1.0		6490.0				0.00			1.46	15.0	2.60	196.15	130000	6.0
92		23:15:00	swab # 38 tag 520 pull 1150m																
93		23:15:00		0.00	30.0		6514.0				0.00			1.40	98.0	2.63	197.52		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2							
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH	
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm		
94	28/03/2011	23:30:00																		
95		23:45:00																		
96		23:45:00		0.00	30.0		6535.0				0.00			1.65	100.0	2.63	199.17			
97	29/03/2011	00:05:00																		
98		00:05:00		0.00	-1.0		6569.0				0.00			1.23	35.0	3.43	199.60			
99		00:20:00																		
100		00:20:00		0.00	-1.0		6592.0				0.00			1.39	75.0	3.78	200.64	130000	6.0	
101		00:40:00																		
102		00:40:00		0.00	-1.0		6595.0				0.00			1.19	10.0	4.85	200.76			
103		00:55:00																		
104		01:10:00																		
105		01:10:00		0.00	1.0		6632.0				0.00			1.37	1.0	6.20	200.78			
106		01:30:00																		
107		01:30:00		0.00	-1.0		6635.0				0.00			1.17	80.0	6.44	201.71			
108		01:45:00																		
109		01:45:00		0.00	-1.0		6639.0				0.00			1.11	90.0	6.55	202.71			
110		02:00:00																		
111		02:00:00		0.00	1.0		6632.0				0.00			1.37	60.0	7.10	203.53			
112		02:15:00																		
113		02:30:00																		
114		02:30:00		0.00	100.0		6635.0				0.00			1.64	75.0	7.51	204.76	130000	6.0	
115		02:50:00																		
116		02:50:00		0.00	1.0		6652.0				0.00			1.31	3.0	8.78	204.80			
117		03:10:00																		
118		03:10:00		0.00	300.0		6656.0				0.00			1.77	90.0	8.96	206.39			
119		03:20:00																		
120		03:35:00																		
121		03:35:00		0.00	200.0		6640.0				0.00			1.16	90.0	9.07	207.44			
122		03:50:00																		
123		03:50:00		0.00	1.0		6648.0				0.00			0.48	75.0	9.19	207.80			
124		04:10:00																		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
125	29/03/2011	04:10:00		0.00	50.0		6550.0				0.00			1.65	100.0	9.19	209.45		
126		04:30:00	swab # 53 tag 450 pull 1100																
127		04:30:00		0.00	600.0		6561.0				0.00			1.29	50.0	9.84	210.09		
128		04:40:00	shipped to 400bbl																
129		04:55:00	swab # 54 tag 360 pull 880 1cup																
130		04:55:00		0.00	200.0		6613.0				0.00			0.90	60.0	10.20	210.63	130000	6.0
131		05:15:00	swab # 55 tag 600 pull 1175																
132		05:15:00		0.00	-1.0		6594.0				0.00			1.33	50.0	10.86	211.30		
133		05:30:00	swab # 56 tag 500 pull 1100																
134		05:30:00		0.00	300.0		6560.0				0.00			1.50	75.0	11.24	212.42		
135		05:50:00	swab # 57 tag 570 pull 1175																
136		05:50:00		0.00	400.0		6522.0				0.00			1.44	80.0	11.52	213.58		
137		06:00:00	shipped to 400bbl																
138		06:05:00	well kicked																
139		06:15:00		0.00	1.0		6613.0				0.00			0.70	75.0	11.70	214.10		
140		06:35:00	swab # 58 tag 600 pull 1180m																
141		06:35:00		0.00	-1.0		6600.0				0.00			1.34	90.0	11.83	215.31		
142		06:50:00	swab # 59 tag 600m pull 1180m																
143		06:50:00		0.00	200.0		6563.0				0.00			1.45	80.0	12.12	216.47		
144		07:10:00	swab # 60 tag 520 pull 1150																
145		07:10:00		0.00	600.0		6532.0				0.00			1.53	70.0	12.58	217.54	130000	6.0
146		07:20:00	shipped to 400bbl																
147		07:30:00	Crew Change Load fluid left to Rec 268.46m³																
148		07:35:00	Well kicked																
149		07:50:00		0.00	0.0		6637.0				0.00			0.45	70.0	12.72	217.85		
150		08:10:00	Swab#61 Tag@520m Pull@1200m																
151		08:10:00		0.00	22.0		6624.0				0.00			1.41	50.0	13.42	218.56		
152		08:30:00	Swab#62 Tag@630m Pull@1260m																
153		08:30:00		0.00	21.0		6583.0				0.00			1.47	80.0	13.72	219.73		
154		08:50:00	Swab#63 Tag@550m Pull@1260m																
155		08:50:00		0.00	165.0		6515.0				0.00			1.96	90.0	13.91	221.50	130000	6.0

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
156	29/03/2011	08:50:00		Shipped to 400bbl tank															
157		09:15:00		Swab#64 Tag@365m Pull@875m															
158		09:15:00		0.00	194.0		6585.0				0.00			0.90	70.0	14.18	222.13		
159		09:30:00		Swab#65 Tag@400m Pull@1050m															
160		09:30:00		0.00	20.0		6600.0				0.00			1.00	70.0	14.48	222.83		
161		09:45:00		Swab#66 Tag@620m Pull@1260m															
162		09:45:00		0.00	130.0		6573.0				0.00			1.76	90.0	14.66	224.41		
163		10:05:00		Swab#67 Tag@160m Pull@760m 1Cup															
164		10:05:00		0.00	550.0		6500.0				0.00			1.24	95.0	14.72	225.59	130000	6.0
165		10:05:00		Shipped to 400bbl Tank															
166		10:30:00		Swab#68 Tag@520m Pull@1260m															
167		10:30:00		0.00	45.0		6488.0				0.00			1.50	90.0	14.87	226.94		
168		10:45:00		Swab#69 Tag@300m Pull@1260m															
169		10:45:00		0.00	100.0		6405.0				0.00			1.66	85.0	15.12	228.35		
170		11:00:00		Swab#70 Tag@260m Pull@1000m															
171		11:00:00		0.00	460.0		6434.0				0.00			1.34	90.0	15.25	229.56		
172		11:00:00		Shipped vessel to 400bbl Tank															
173		11:25:00		Swab#71 Tag@480m Pull@1260m															
174		11:25:00		0.00	55.0		6465.0				0.00			1.50	80.0	15.55	230.76	130000	6.0
175		11:45:00		Swab#72 Tag@450m Pull@1260m															
176		11:45:00		0.00	155.0		6438.0				0.00			1.66	95.0	15.64	232.33		
177		12:00:00		Swab#73 Tag@420m Pull@1260m															
178		12:00:00		0.00	130.0		6424.0				0.00			1.64	95.0	15.72	233.89		
179		12:05:00		Shipped vessel to 400bbl tank															
180		12:25:00		Swab#74 Tag@160m Pull@900m															
181		12:25:00		0.00	156.0		6484.0				0.00			0.96	95.0	15.77	234.80		
182		12:45:00		Swab#75 Tag@600m Pull@1260m															
183		12:45:00		0.00	-1.0		6478.0				0.00			1.50	95.0	15.84	236.23		
184		13:05:00		Swab#76 Tag@500m Pull@1150															
185		13:05:00		0.00	213.0		6481.0				0.00			1.40	95.0	15.91	237.56	130000	6.0
186		13:20:00		Swab#77 Tag@590m Pull@1260m (NOTE 2.25% H²S determined by Kitigawa)															

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
187	29/03/2011	13:20:00		0.00	170.0		6407.0				0.00			1.54	95.0	15.99	239.02		
188		13:20:00	Shipped vessel to 400bbl tank																
189		13:35:00	Well began slugging fluid																
190		13:45:00		0.00	11.0		6480.0				0.00			0.70	95.0	16.02	239.69		
191		14:00:00	Swab#78 Tag@630m Pull@1260m																
192		14:00:00		0.00	-1.0		6460.0				0.00			1.41	95.0	16.09	241.03	130000	6.0
193		14:20:00	Swab#79 Tag@530m Pull@1260m																
194		14:20:00		0.00	104.0		6436.0				0.00			1.75	95.0	16.18	242.69		
195		14:45:00	Swab#80 Tag@580m Pull@1265m																
196		14:45:00		0.00	370.0		6446.0				0.00			1.64	75.0	16.59	243.92		
197		14:45:00	Shipped vessel to 400bbl tank																
198		15:10:00	Swab#81 Tag@480m Pull@1265m																
199		15:10:00		0.00	90.0		6460.0				0.00			1.50	75.0	16.97	245.04		
200		15:30:00	Swab#82 Tag@520m Pull@1265m																
201		15:30:00		0.00	50.0		6443.0				0.00			1.36	60.0	17.51	245.86	130000	6.0
202		15:45:00	Swab#83 Tag@460m Pull@1265m																
203		15:45:00		0.00	198.0		6481.0				0.00			1.64	90.0	17.67	247.34		
204		15:50:00	Shipped vessel to 400bbl tank																
205		16:15:00	Swab#84 Tag@330m Pull@1265m																
206		16:15:00		0.00	118.0		6508.0				0.00			1.50	75.0	18.05	248.46	130000	6.0
207		16:30:00	Swab#85 Tag@650m Pull@1265m																
208		16:30:00		0.00	30.0		6478.0				0.00			1.16	70.0	18.40	249.27		
209		16:50:00	Swab#86 Tag@500m Pull@1265m 1cup																
210		16:50:00		0.00	611.0		6473.0				0.00			2.04	90.0	18.60	251.11	130000	6.0
211		16:55:00	Shipped vessel to 400bbl tank																
212		17:00:00	Well flowing																
213		17:00:00		0.00	1111.0		6328.0				0.00			1.00	95.0	18.65	252.06		
214		17:10:00		0.00	1100.0		5935.0				0.00			1.46	95.0	18.72	253.45		
215		17:20:00		0.00	560.0		5946.0				0.00			1.27	95.0	18.79	254.65		
216		17:30:00		0.00	298.0		6013.0				0.00			0.50	95.0	18.81	255.13		
217		17:40:00		0.00	30.0		6233.0				0.00			0.00	95.0	18.81	255.13		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	vel	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
218	29/03/2011	17:55:00		Swab#87 Tag@590m Pull@1000m															
219		17:55:00		0.00	35.0		6303.0				0.00			0.90	75.0	19.04	255.80		
220		18:15:00		Swab#88 Tag@650m Pull@1265m															
221		18:15:00		0.00	-1.0		6342.0				0.00			1.56	75.0	19.43	256.97	130000	6.0
222		18:35:00		Swab#89 Tag@650m Pull@1265m															
223		18:35:00		0.00	17.0		6368.0				0.00			1.40	95.0	19.50	258.30		
224		18:50:00		Swab#90 Tag@605m Pull@1265m															
225		18:50:00		0.00	327.0		6367.0				0.00			1.64	99.0	19.51	259.93		
226		18:50:00		Shipped vessel to 400bbl tank															
227		19:25:00		Swab#91 Tag@500m Pull@1265m															
228		19:25:00		0.00	77.0		6433.0				0.00			1.60	60.0	20.15	260.89		
229		19:50:00		swab # 92 tag 650 pull 1265															
230		19:50:00		0.00	-1.0		6470.0				0.00			1.51	10.0	21.51	261.04		
231		20:10:00		swab # 93 tag 640 pull 1265															
232		20:10:00		0.00	-1.0		6460.0				0.00			1.45	95.0	21.59	262.41		
233		20:25:00		swab # 94 tag 480 pull 1150															
234		20:25:00		0.00	400.0		6478.0				0.00			1.26	90.0	21.71	263.55		
235		20:40:00		shipped to 400bbl															
236		21:00:00		swab # 95 tag 600 pull 1265															
237		21:00:00		0.00	1.0		6534.0				0.00			1.30	30.0	22.62	263.94		
238		21:20:00		swab # 96 tag 640 pull 1265															
239		21:20:00		0.00	5.0		6503.0				0.00			1.44	95.0	22.69	265.31		
240		21:35:00		swab # 97 tag 450 pull 1265															
241		21:35:00		0.00	200.0		6401.0				0.00			1.61	85.0	22.94	266.67		
242		21:55:00		swab # 98 tag 360 pull 1000															
243		21:55:00		0.00	500.0		6423.0				0.00			1.05	20.0	23.78	266.88	130000	7.0
244		22:00:00		shipped to 400bbl															
245		22:20:00		swab # 99 tag 450m pull 1265															
246		22:20:00		0.00	5.0		6474.0				0.00			1.37	40.0	24.60	267.43		
247		22:35:00		swab # 100 tag 600 pull 1265															
248		22:35:00		0.00	80.0		6454.0				0.00			1.44	80.0	24.89	268.58		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	Vel	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10 ³ m ³ /d	10 ³ m ³	(l) m ³	%	m ³	m ³	ppm	
249	29/03/2011	23:10:00		swab # 101 tag 580 pull 1265															
250		23:10:00		0.00	5.0		6550.0				0.00			1.31	85.0	25.08	269.70		
251		23:30:00		swab # 102 tag 620 pull 1265															
252		23:30:00		0.00	-1.0		6522.0				0.00			1.20	50.0	25.68	270.30	130000	6.0
253		23:45:00		shipped to 400bbl															
254	30/03/2011	00:00:00		swab # 103 tag 545 pull 1265															
255		00:00:00		0.00	100.0		6485.0				0.00			1.65	100.0	25.68	271.95		
256		00:20:00		swab # 104 tag 600 pull 1265															
257		00:20:00		0.00	-1.0		6470.0				0.00			1.38	15.0	26.85	272.16		
258		00:35:00		swab # 105 tag 500 1265															
259		00:35:00		0.00	200.0		6463.0				0.00			1.55	95.0	26.93	273.63		
260		00:55:00		swab # 106 tag 470 pull 1150															
261		00:55:00		0.00	200.0		6439.0				0.00			1.03	90.0	27.04	274.55	130000	6.0
262		01:05:00		shipped to 400bbl															
263		01:20:00		swab # 107 tag 450 pull 1265															
264		01:20:00		0.00	5.0		6468.0				0.00			1.51	90.0	27.19	275.91		
265		01:40:00		swab # 108 tag 600 pull 1265															
266		01:40:00		0.00	400.0		6426.0				0.00			1.37	90.0	27.32	277.15		
267		01:55:00		swab # 109 tag 550 pull 1265															
268		01:55:00		0.00	300.0		6395.0				0.00			1.55	80.0	27.63	278.39		
269		02:10:00		swab # 110 tag 360 pull 1100															
270		02:10:00		0.00	600.0		6378.0				0.00			1.18	100.0	27.63	279.57	130000	6.0
271		02:20:00		shipped to 400bbl															
272		02:35:00		swab # 111 tag 400 pull 1265															
273		02:35:00		0.00	75.0		6420.0				0.00			1.44	50.0	28.35	280.29		
274		02:55:00		swab # 112 tag 600 pull 1265															
275		02:55:00		0.00	400.0		6388.0				0.00			1.53	95.0	28.43	281.74		
276		03:10:00		swab # 113 tag 500 pull 1265															
277		03:10:00		0.00	400.0		6368.0				0.00			1.47	75.0	28.80	282.84		
278		03:30:00		swab # 114 tag 430 1265															
279		03:30:00		0.00	300.0		6404.0				0.00			1.18	75.0	29.09	283.73	130000	6.0

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	vel	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
280	30/03/2011	03:40:00		shipped to 400bbl															
281		03:55:00		swab # 115 tag 400 pull 1265 1cup															
282		03:55:00		0.00	200.0		6405.0				0.00			1.51	90.0	29.24	285.09		
283		04:10:00		swab # 116 tag 640 pull 1265															
284		04:10:00		0.00	-1.0		6394.0				0.00			1.37	80.0	29.52	286.18		
285		04:30:00		swab # 117 tag 550 pull 1265															
286		04:30:00		0.00	300.0		6378.0				0.00			1.70	90.0	29.69	287.71		
287		04:50:00		swab # 118 tag 600 pull 1265															
288		04:50:00		0.00	200.0		6437.0				0.00			1.17	45.0	30.33	288.24	130000	6.0
289		05:15:00		shipped to 400bbl															
290		05:30:00		swab # 119 tag 490 pull 1265															
291		05:30:00		0.00	13.0		6445.0				0.00			1.65	75.0	30.74	289.48		
292		05:50:00		swab # 120 tag 600 pull 1265															
293		05:50:00		0.00	-1.0		6425.0				0.00			1.46	25.0	31.84	289.84		
294		06:05:00		swab # 121 tag 570 pull 1265															
295		06:05:00		0.00	500.0		6400.0				0.00			1.47	90.0	31.99	291.16		
296		06:05:00		total swabs pulled during report =63															
297				total fluid recovered during report=97.44m3															
298				total oil recovered during report=20.29m3															
299				total water recovered during report=77.06m3															
300				load fluid left to recover=199.84m3															
301		06:35:00		swab # 122 tag 620 pull 1265															
302		06:35:00		0.00	15.0		6487.0				0.00			1.45	30.0	33.00	291.60	130000	6.0
303		06:45:00		shipped to 400bbl															
304		07:05:00		swab # 123 tag 570 pull 1265															
305		07:05:00		0.00	100.0		6465.0				0.00			1.65	80.0	33.33	292.92		
306		07:25:00		swab # 124 tag 640 pull 1265															
307		07:25:00		0.00	1.0		6406.0				0.00			1.38	75.0	33.68	293.95		
308		07:30:00		Crew change Dayshift take over swabbing operations															
309		08:05:00		Swab#125 Tag@350m Pull@1265m															
310		08:05:00		0.00	112.0		6451.0				0.00			1.77	90.0	33.85	295.55	130000	6.0

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
311	30/03/2011	08:10:00		Shipped vessel to 400bbl tank															
312		08:35:00		Swab#126 Tag@625m Pull@1265m (NOTE 1.5%H²S determined by Kitigawa)															
313		08:35:00		0.00	-1.0		6453.0				0.00			1.60	60.0	34.49	296.51		
314		08:50:00		Swab#127 Tag@620m Pull@1265m															
315		08:50:00		0.00	2657.0		6410.0				0.00			1.86	95.0	34.59	298.27		
316		09:10:00		Swab#128 Tag@560m Pull@1265m															
317		09:10:00		0.00	304.0		6326.0				0.00			1.54	70.0	35.05	299.35		
318		09:10:00		Shipped to 400bbl tank															
319		09:20:00		Well began slugging fluid															
320		09:30:00		0.00	12.0		6434.0				0.00			0.70	85.0	35.15	299.95		
321		09:45:00		Swab#129 tag@670m Pull@1265m															
322		09:45:00		0.00	-1.0		6387.0				0.00			1.31	70.0	35.55	300.86	130000	6.0
323		10:00:00		Swab#130 Tag@570m Pull@1265m															
324		10:00:00		0.00	285.0		6320.0				0.00			1.85	95.0	35.64	302.62		
325		10:20:00		Swab#131 Tag@420m Pull@1265m															
326		10:20:00		0.00	438.0		6306.0				0.00			1.64	70.0	36.13	303.77		
327		10:20:00		ship to 400bbl tank															
328		10:45:00		Swab#132 tag@175m Pull@1100m															
329		10:45:00		0.00	36.0		6332.0				0.00			1.10	60.0	36.57	304.43		
330		11:00:00		Swab#133 Tag@650m Pull@1265m															
331		11:00:00		0.00	-1.0		6328.0				0.00			1.64	90.0	36.73	305.91	130000	6.0
332		11:20:00		Swab#134 Tag@480m Pull@1265m															
333		11:20:00		0.00	356.0		6276.0				0.00			1.68	95.0	36.82	307.50		
334		11:20:00		Ship to 400bbl tank															
335		11:45:00		Swab#135 Tag@330m Pull@1265m															
336		11:45:00		0.00	64.0		6334.0				0.00			1.57	80.0	37.13	308.76		
337		12:00:00		Swab#136 Tag@650m Pull@1265m															
338		12:00:00		0.00	113.0		6274.0				0.00			1.59	90.0	37.29	310.19		
339		12:20:00		Swab#137 Tag@420m Pull@1265m															
340		12:20:00		0.00	312.0		6317.0				0.00			1.74	90.0	37.46	311.76	130000	6.0
341		12:20:00		Ship to 400bbl tank															

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	vel	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
342	30/03/2011	12:45:00		Swab#138 Tag@370m Pull@1265m															
343		12:45:00		0.00	33.0		6330.0				0.00			1.50	90.0	37.61	313.11		
344		13:00:00		Swab#139 Tag@670m Pull@1265m															
345		13:00:00		0.00	28.0		6267.0				0.00			1.66	80.0	37.95	314.43		
346		13:15:00		Swab#140 Tag@440m Pull@1265m															
347		13:15:00		0.00	180.0		6245.0				0.00			1.64	80.0	38.27	315.75	130000	6.0
348		13:20:00		Ship to 400bbl tank															
349		13:45:00		Swab#141 tag@400m Pull@1265m															
350		13:45:00		0.00	66.0		6317.0				0.00			1.40	90.0	38.41	317.01		
351		14:00:00		Swab#142 Tag@655m Pull@1265m															
352		14:00:00		0.00	-1.0		6320.0				0.00			1.56	80.0	38.73	318.25		
353		14:15:00		Swab#143 Tag@500m Pull@1265m															
354		14:15:00		0.00	260.0		6209.0				0.00			1.84	95.0	38.82	320.00		
355		14:20:00		ship to 400bbl tank															
356		14:45:00		Swab#144 Tag@220m Pull@1265m															
357		14:45:00		0.00	66.0		6234.0				0.00			1.50	60.0	39.42	320.90	120000	6.0
358		15:00:00		Swab#145 Tag@655m Pull@1265m															
359		15:00:00		0.00	0.0		6285.0				0.00			1.66	90.0	39.58	322.40		
360		15:20:00		Swab#146 tag@500m Pull@1265m															
361		15:20:00		0.00	134.0		6234.0				0.00			1.74	70.0	40.11	323.61		
362		15:20:00		Ship to 400bbl tank															
363		15:20:00		NOTE API@60F 35.3, Specific gravity, .8483 Density 848.3kg/m³															
364		15:45:00		Swab#147 Tag@425m Pull@1265m															
365		15:45:00		0.00	107.0		6287.0				0.00			1.43	95.0	40.18	324.97		
366		16:00:00		Swab#148 tag@660m Pull@1265m															
367		16:00:00		0.00	0.0		6312.0				0.00			1.43	95.0	40.25	326.33		
368		16:20:00		Swab#149 Tag@540m Pull@1265m															
369		16:20:00		0.00	185.0		6238.0				0.00			1.84	95.0	40.34	328.08	130000	6.0
370		16:20:00		Ship to 400bbl tank															
371		16:45:00		Swab#150 tag@500m Pull@1265m															
372		16:45:00		0.00	190.0		6280.0				0.00			1.50	70.0	40.79	329.13		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
373	30/03/2011	17:00:00		Swab#151 tag@660m Pull@1265m															
374		17:00:00		0.00	0.0		6300.0				0.00			1.46	50.0	41.52	329.86		
375		17:20:00		Swab#152 Tag@500m Pull@1265m															
376		17:20:00		0.00	262.0		6198.0				0.00			1.84	95.0	41.61	331.61	120000	6.0
377		17:20:00		Ship to 400bbl tank															
378		17:45:00		Swab#153 tag@280m Pull@1265m															
379		17:45:00		0.00	30.0		6261.0				0.00			1.50	90.0	41.76	332.96		
380		18:00:00		Swab#154 tag@635m Pull@1265m															
381		18:00:00		0.00	104.0		6214.0				0.00			1.66	80.0	42.10	334.28		
382		18:20:00		Swab#155 Tag@470m Pull@1265m															
383		18:20:00		0.00	349.0		6187.0				0.00			1.74	90.0	42.27	335.85		
384		18:20:00		Ship to 400bbl tank															
385		18:50:00		Swab#156 tag@150m Pull@1265m															
386		18:50:00		0.00	11.0		6255.0				0.00			1.60	80.0	42.59	337.13	120000	6.0
387		19:20:00		Swab#157 Tag@620m Pull@1265m															
388		19:20:00		0.00	102.0		6282.0				0.00			1.86	95.0	42.68	338.90		
389		19:35:00		Swab#158 Tag@660m Pull@1265m															
390		19:35:00		0.00	0.0		6246.0				0.00			1.22	95.0	42.74	340.06		
391		19:45:00		shipped to 400bbl															
392		20:00:00		swab # 159 tag 480 pull 1265															
393		20:00:00		0.00	80.0		6293.0				0.00			1.38	100.0	42.74	341.44	120000	6.0
394		20:15:00		swab # 160 tag 640 pull 1265															
395		20:15:00		0.00	5.0		6348.0				0.00			1.14	45.0	43.37	341.95		
396		20:20:00		shipped to 400bbl															
397		20:35:00		swab # 161 tag 660 pull 1265															
398		20:35:00		0.00	3.0		6360.0				0.00			1.37	90.0	43.51	343.18		
399		20:50:00		swab # 162 tag 590 1265															
400		20:50:00		0.00	200.0		6340.0				0.00			1.25	60.0	44.01	343.93		
401		21:05:00		swab # 163 tag 650 pull 1265															
402		21:05:00		0.00	1.0		6307.0				0.00			1.32	50.0	44.67	344.59		
403		21:20:00		swab # 164 tag 450 pull 1265															

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	vel	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
404	30/03/2011	21:20:00		0.00	700.0		6326.0				0.00			1.18	75.0	44.96	345.48	120000	6.0
405		21:30:00	shipped to 400bbl																
406		21:45:00	swab # 165 tag 500 pull 1265																
407		21:45:00		0.00	15.0		6325.0				0.00			1.30	75.0	45.29	346.45		
408		22:05:00	swab # 166 tag 650 pull 1265																
409		22:05:00		0.00	-1.0		6335.0				0.00			1.11	75.0	45.57	347.28		
410		22:20:00	swab # 167 tag 430 pull 1265																
411		22:20:00		0.00	300.0		6292.0				0.00			1.43	70.0	45.99	348.29		
412		22:35:00	swab # 168 tag 570 pull 1265																
413		22:35:00		0.00	500.0		6342.0				0.00			1.43	90.0	46.14	349.57		
414		22:45:00	shipped to 400bbl																
415		23:05:00	swab # 169 tag 480 pull 1265																
416		23:05:00		0.00	5.0		6230.0				0.00			1.30	90.0	46.27	350.74		
417		23:20:00	swab # 170 tag 620 pull 1265																
418		23:20:00		0.00	-1.0		6320.0				0.00			1.06	75.0	46.53	351.54		
419		23:35:00	swab # 171 tag 600 pull 1265																
420		23:35:00		0.00	600.0		6254.0				0.00			1.56	80.0	46.84	352.79		
421		23:50:00	swab # 172 tag 500 pull 1265																
422		23:50:00		0.00	500.0		6316.0				0.00			1.35	80.0	47.11	353.87	120000	6.0
423	31/03/2011	00:00:00	shipped to 400bbl																
424		00:20:00	swab # 173 tag 350 pull 1265																
425		00:20:00		0.00	5.0		6319.0				0.00			1.16	50.0	47.69	354.45		
426		00:35:00	swab # 174 tag 660 pull 1265																
427		00:35:00		0.00	14.0		6344.0				0.00			0.83	80.0	47.86	355.11		
428		00:50:00	swab # 175 tag 630 pull 1265 1cup																
429		00:50:00		0.00	5.0		6333.0				0.00			1.12	100.0	47.86	356.23		
430		01:10:00	swab # 176 tag 690 pull 1265																
431		01:10:00		0.00	100.0		6303.0				0.00			1.62	60.0	48.51	357.20		
432		01:30:00	swab # 177 tag 560 pull 1265																
433		01:30:00		0.00	400.0		6232.0				0.00			1.57	75.0	48.90	358.38		
434		01:45:00	shipped to 400bbl																

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	vel	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
435	31/03/2011	02:00:00		swab # 178 tag 350 pull 1265															
436		02:00:00		0.00	30.0		6329.0				0.00			1.58	35.0	49.93	358.93		
437		02:20:00		swab # 179 tag 650 pull 1265															
438		02:20:00		0.00	200.0		6264.0				0.00			1.38	40.0	50.76	359.48		
439		02:35:00		swab # 180 tag 450 pull 1265															
440		02:35:00		0.00	200.0		6226.0				0.00			1.62	70.0	51.24	360.62		
441		02:50:00		swab # 181 tag 350 pull 1265															
442		02:50:00		0.00	500.0		6205.0				0.00			1.17	95.0	51.30	361.73		
443		03:00:00		shipped to 400bbl															
444		03:15:00		swab # 182 tag 270 pull 1265															
445		03:15:00		0.00	100.0		6253.0				0.00			1.37	60.0	51.85	362.55		
446		03:30:00		swab # 183 tag 650 pull 1265															
447		03:30:00		0.00	80.0		6217.0				0.00			1.23	60.0	52.34	363.29		
448		03:45:00		swab # 184 tag 520 pull 1265															
449		03:45:00		0.00	100.0		6194.0				0.00			1.83	90.0	52.52	364.94		
450		04:00:00		swab # 185 tag 300 pull 1265															
451		04:00:00		0.00	400.0		6213.0				0.00			1.18	90.0	52.64	366.00	130000	6.0
452		04:10:00		shipped to 400bbl															
453		04:30:00		swab # 186 tag 300 pull 1265															
454		04:30:00		0.00	20.0		6234.0				0.00			1.37	20.0	53.74	366.27		
455		04:45:00		swab # 187 tag 660 pull 1265															
456		04:45:00		0.00	10.0		6219.0				0.00			1.24	90.0	53.86	367.39		
457		05:00:00		swab # 188 tag 500 pull 1265															
458		05:00:00		0.00	200.0		6175.0				0.00			1.82	75.0	54.32	368.75		
459		05:15:00		swab # 189 tag 400 pull 1265															
460		05:15:00		0.00	200.0		6162.0				0.00			1.35	90.0	54.45	369.97	120000	6.0
461		05:25:00		shipped to 400bbl															
462		05:45:00		swab # 190 tag 330 pull 1265															
463		05:45:00		0.00	2.0		6234.0				0.00			1.51	100.0	54.45	371.48		
464		06:00:00		swab # 191 tag 670 pull 1265															
465		06:00:00		0.00	-1.0		6202.0				0.00			1.30	20.0	55.49	371.74		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2							
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH	
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm		
466	31/03/2011	06:05:00																		
467																				
468																				
469																				
470																				
471		06:25:00																		
472		06:25:00		0.00	12.0		6428.0				0.00			1.62	75.0	55.90	372.95			
473		06:40:00																		
474		06:40:00		0.00	300.0		6291.0				0.00			1.14	40.0	56.58	373.41	130000	6.0	
475		06:50:00																		
476		07:10:00																		
477		07:10:00		0.00	5.0		6255.0				0.00			1.51	80.0	56.88	374.62			
478		07:30:00																		
479		07:30:00		0.00	100.0		6283.0				0.00			1.59	50.0	57.68	375.41			
480		07:30:00																		
481		07:50:00																		
482		07:50:00		0.00	207.0		6289.0				0.00			1.70	90.0	57.85	376.94			
483		07:50:00																		
484		08:20:00																		
485		08:20:00		0.00	50.0		6260.0				0.00			1.36	90.0	57.98	378.17	120000	6.0	
486		08:35:00																		
487		08:35:00		0.00	24.0		6283.0				0.00			1.15	85.0	58.16	379.14			
488		08:55:00																		
489		08:55:00		0.00	217.0		6216.0				0.00			1.79	80.0	58.51	380.58			
490		09:00:00																		
491		09:20:00																		
492		09:20:00		0.00	30.0		6243.0				0.00			1.40	90.0	58.65	381.84			
493		09:40:00																		
494		09:40:00		0.00	200.0		6206.0				0.00			1.36	60.0	59.20	382.65			
495		09:55:00																		
496		09:55:00		0.00	186.0		6140.0				0.00			1.64	85.0	59.44	384.05	120000	6.0	

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
497	31/03/2011	09:55:00		Ship to 400bbl tank															
498		10:20:00		Swab#203 Tag@225m Pull@1265m															
499		10:20:00		0.00	40.0		6209.0				0.00			1.36	98.0	59.47	385.38		
500		10:40:00		Swab#204 Tag@620m Pull@1265m															
501		10:40:00		0.00	118.0		6218.0				0.00			1.50	55.0	60.15	386.20		
502		10:55:00		Swab#205 Tag@520m Pull@1265m															
503		10:55:00		0.00	470.0		6145.0				0.00			1.94	80.0	60.53	387.76	120000	6.0
504		10:55:00		Ship to 400bbl tank															
505		11:20:00		Swab#206 Tag@200m Pull@1265m															
506		11:20:00		0.00	21.0		6186.0				0.00			1.43	90.0	60.68	389.04		
507		11:35:00		Swab#207 Tag@610m Pull@1265m															
508		11:35:00		0.00	250.0		6142.0				0.00			1.43	50.0	61.39	389.76		
509		11:55:00		Swab#208 Tag@480m Pull@1265m															
510		11:55:00		0.00	370.0		6120.0				0.00			1.84	80.0	61.76	391.23		
511		11:55:00		ship to 400bbl tank															
512		12:20:00		Swab#209 Tag@200m Pull@1265m															
513		12:20:00		0.00	36.0		6185.0				0.00			1.40	85.0	61.97	392.42	120000	6.0
514		12:35:00		Swab#210 Tag@650m Pull@1265m															
515		12:35:00		0.00	311.0		6154.0				0.00			1.36	55.0	62.58	393.17		
516		12:50:00		Swab#211 Tag@500m Pull@1265m															
517		12:50:00		0.00	345.0		6113.0				0.00			1.84	75.0	63.04	394.55		
518		12:50:00		Ship to 400bbl tank (NOTE 3.5% H²S determined by Kitigawa)															
519		13:20:00		Swab#212 tag@300m Pull@1265m															
520		13:20:00		0.00	35.0		6181.0				0.00			1.43	90.0	63.19	395.83	120000	6.0
521		13:35:00		Swab#213 Tag@620m Pull@1265m															
522		13:35:00		0.00	166.0		6142.0				0.00			1.56	60.0	63.81	396.77		
523		13:50:00		Swab#214 Tag@480m Pull@1265m															
524		13:50:00		0.00	161.0		6098.0				0.00			1.54	80.0	64.12	398.00		
525		13:50:00		Ship to 400bbl tank															
526		14:15:00		Swab#215 Tag@290m Pull@1265m															
527		14:15:00		0.00	41.0		6158.0				0.00			1.50	95.0	64.19	399.43		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2					
	Date	Time	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss	mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
528	31/03/2011	14:30:00	Swab#216 Tag@640m Pull@1265m															
529		14:30:00	0.00	302.0		6129.0				0.00			1.66	85.0	64.44	400.84	120000	6.0
530		14:50:00	Swab#217 Tag@490m Pull@1265m															
531		14:50:00	0.00	415.0		6100.0				0.00			1.64	55.0	65.18	401.74		
532		14:50:00	Ship to 400bbl tank															
533		15:15:00	Swab#218 tag@330m Pull@1265m															
534		15:15:00	0.00	54.0		6125.0				0.00			1.50	80.0	65.48	402.94		
535		15:30:00	Swab#219 Tag@550m Pull@1265m															
536		15:30:00	0.00	121.0		6092.0				0.00			1.56	95.0	65.56	404.42		
537		15:45:00	Swab#220 Tag@415m Pull@1265m															
538		15:45:00	0.00	120.0		6085.0				0.00			1.44	80.0	65.85	405.57		
539		15:45:00	Ship to 400bbl tank															
540		16:10:00	Swab#221 Tag@330m Pull@1265m															
541		16:10:00	0.00	63.0		6152.0				0.00			1.36	90.0	65.98	406.80	120000	6.0
542		16:25:00	Swab#222 Tag@660m Pull@1265m															
543		16:25:00	0.00	0.0		6178.0				0.00			1.20	50.0	66.58	407.40		
544		16:45:00	Swab#223 Tag@590m Pull@1265m															
545		16:45:00	0.00	439.0		6117.0				0.00			1.84	95.0	66.67	409.15		
546		16:45:00	Ship to 400bbl tank															
547		17:10:00	Swab#224 Tag@500m Pull@1265m															
548		17:10:00	0.00	178.0		6130.0				0.00			1.50	70.0	67.12	410.20	120000	6.0
549		17:25:00	Swab#225 tag@500m Pull@1265m															
550		17:25:00	0.00	107.0		6080.0				0.00			1.46	95.0	67.20	411.58		
551		17:40:00	Swab#226 Tag@325m Pull@1265m															
552		17:40:00	0.00	190.0		6053.0				0.00			1.84	95.0	67.29	413.33		
553		17:40:00	Ship to 400bbl tank															
554		18:05:00	Swab#227 Tag@180m Pull@1265m															
555		18:05:00	0.00	11.0		6102.0				0.00			1.50	80.0	67.59	414.53		
556		18:20:00	Swab#228 Tag@585m Pull@1265m															
557		18:20:00	0.00	230.0		6056.0				0.00			1.46	80.0	67.88	415.70	120000	6.0
558		18:35:00	Swab#229 Tag@535m Pull@1265m															

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
559	31/03/2011	18:35:00		0.00	380.0		6027.0				0.00			1.74	60.0	68.58	416.74		
560		18:40:00	Ship to 400bbl tank																
561		19:05:00	Swab#230 Tag@300m Pull@1265m																
562		19:05:00		0.00	25.0		6182.0				0.00			1.50	60.0	69.18	417.64		
563		19:25:00	Swab#231 Tag@650m Pull@1265m																
564		19:25:00		0.00	30.0		6176.0				0.00			1.46	85.0	69.40	418.88	120000	6.0
565		19:45:00	swab # 232 tag 540 pull 1265																
566		19:45:00		0.00	200.0		6165.0				0.00			1.62	10.0	70.85	419.05		
567		20:05:00	swab # 233 tag 550 pull 1265																
568		20:05:00		0.00	200.0		6203.0				0.00			1.17	45.0	71.50	419.57	120000	6.0
569		20:15:00	shipped to 400bbl																
570		20:30:00	swab # 234 tag 420 pull 1265																
571		20:30:00		0.00	5.0		6172.0				0.00			1.45	100.0	71.50	421.02		
572		20:45:00	swab # 235 tag 620 pull 1265																
573		20:45:00		0.00	300.0		6134.0				0.00			1.45	95.0	71.57	422.40		
574		21:05:00	swab 236 tag 440 pull 1265																
575		21:05:00		0.00	9.0		6097.0				0.00			1.47	25.0	72.67	422.77		
576		21:25:00	swab # 237 tag 340 pull 1265																
577		21:25:00		0.00	400.0		6164.0				0.00			1.32	95.0	72.74	424.02		
578		21:35:00	shipped to 400bbl																
579		21:50:00	swab # 238 tag 290 pull 1265																
580		21:50:00		0.00	4.0		6133.0				0.00			1.58	90.0	72.90	425.44		
581		22:10:00	swab # 239 tag 600 pull 1265																
582		22:10:00		0.00	500.0		6135.0				0.00			1.38	10.0	74.14	425.58		
583		22:25:00	swab # 240 tag 600 pull 1265																
584		22:25:00		0.00	200.0		6100.0				0.00			1.62	75.0	74.54	426.80		
585		22:40:00	swab # 241 tag 290 pull 1265																
586		22:40:00		0.00	300.0		6129.0				0.00			0.99	100.0	74.54	427.79	120000	6.0
587		22:50:00	shipped to 400bbl																
588		22:55:00	well kicked a little																
589		23:00:00		0.00	30.0		6126.0				0.00			0.71	90.0	74.61	428.43		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2					Fluid PH	
	Date	Time	ver	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum		Water Salinity
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³		ppm
590	31/03/2011	23:20:00		swab # 242 tag 700 pull 1265															
591		23:20:00		0.00	8.0		6170.0				0.00			1.21	80.0	74.86	429.39		
592		23:35:00		swab # 243 tag 690 pull 1265															
593		23:35:00		0.00	-1.0		6159.0				0.00			1.26	90.0	74.98	430.53		
594		23:50:00		swab # 244 tag 550 pull 1265															
595		23:50:00		0.00	500.0		6122.0				0.00			1.40	75.0	75.33	431.58		
596	01/04/2011	00:05:00		swab # 245 tag 600 pull 1265															
597		00:05:00		0.00	650.0		6170.0				0.00			1.45	75.0	75.69	432.67		
598		00:20:00		shipped to 400bbl															
599		00:25:00		well kicked															
600		00:25:00		0.00	30.0		6157.0				0.00			0.65	85.0	75.79	433.22		
601		00:45:00		swab # 246 tag 670 pull 1265															
602		00:45:00		0.00	-1.0		6174.0				0.00			1.39	60.0	76.35	434.05	120000	6.0
603		01:00:00		swab # 247 tag 600 pull 1265															
604		01:00:00		0.00	200.0		6129.0				0.00			1.45	100.0	76.35	435.50		
605		01:20:00		swab # 248 tag 460 pull 1265															
606		01:20:00		0.00	400.0		6161.0				0.00			1.09	10.0	77.33	435.61		
607		01:30:00		shipped to 400bbl															
608		01:45:00		swab # 249 tag 250 pull 1265															
609		01:45:00		0.00	7.0		6141.0				0.00			1.38	100.0	77.33	436.99		
610		02:00:00		swab # 250 tag 580 pull 1265															
611		02:00:00		0.00	150.0		6136.0				0.00			1.39	80.0	77.61	438.10		
612		02:20:00		swab # 251 tag 540 pull 1265															
613		02:20:00		0.00	100.0		6123.0				0.00			1.50	30.0	78.66	438.55		
614		02:40:00		swab # 252 tag 470 pull 1265															
615		02:40:00		0.00	200.0		6154.0				0.00			1.34	80.0	78.92	439.63		
616		02:50:00		shipped to 400bbl															
617		03:05:00		swab # 253 tag 280 pull 1265															
618		03:05:00		0.00	26.0		6158.0				0.00			1.37	100.0	78.92	441.00		
619		03:20:00		swab # 254 tag 660 pull 1265															
620		03:20:00		0.00	200.0		6161.0				0.00			1.37	5.0	80.23	441.06		

Grid

	Test Time		Well: 300/2H-03/6010-11730				Orifice 1						Volume 2						
	Date	Time	vel	Choke	Tubing	Tubing	Casing	Static	Temp	Diff	Plate	Rate	Cum	Volume	BSW	Oil Cum	Water Cum	Water Salinity	Fluid PH
	dd/mm/yyyy	hh:mm:ss		mm	kPag	°C	kPag	kPag	°C	kPa	mm	10³m³/d	10³m³	(l) m³	%	m³	m³	ppm	
621	01/04/2011	03:40:00		swab # 255 tag 620 pull 1265															
622		03:40:00		0.00	200.0		6115.0				0.00			1.69	75.0	80.65	442.33		
623		04:00:00		swab # 256 tag 390 pull 1265															
624		04:00:00		0.00	300.0		6159.0				0.00			1.18	100.0	80.65	443.51		
625		04:10:00		shipped to 400bbl															
626		04:10:00		well kicked															
627		04:15:00		0.00	21.0		6164.0				0.00			0.72	90.0	80.72	444.16		
628		04:35:00		swab # 257 tag 670 pull 1265															
629		04:35:00		0.00	2.0		6172.0				0.00			1.24	25.0	81.65	444.47	120000	6.0
630		04:50:00		swab # 258 tag 630 pull 1265															
631		04:50:00		0.00	400.0		6145.0				0.00			1.65	100.0	81.65	446.12		
632		05:10:00		swab # 259 tag 570 pull 1265															
633		05:10:00		0.00	200.0		6119.0				0.00			1.46	35.0	82.60	446.63		
634		05:30:00		swab # 260 tag 350 pull 1265															
635		05:30:00		0.00	300.0		6120.0				0.00			1.16	75.0	82.89	447.50		
636		05:35:00		total swabs during report=68															
637				total fluid recovered during report=101.54m3															
638				total oil recovered during report=26.99m3															
639				total water recovered during report=74.55m3															
640				total load fluid left to recover=43.5m3															
641		05:40:00		Rig out															
642				0.00							0.00				75.0				
643				0.00							0.00				75.0				
644				0.00							0.00				75.0				
645				0.00							0.00				75.0				

Plot

