

FINAL WELL REPORT
PARAMOUNT RESOURCES LTD.

PARA ET AL CAMERON H-06

Grid: 60° 10' 117° 30'

WID 2064

UWI 300H066010117300

DATE: May 25, 2010

COMPANY REPRESENTATIVE:
Dick Heenan, P. Eng.

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A. INTRODUCTION

Executive Summary

Paramount Resources Ltd. (Paramount) drilled Para et al Cameron H-6 as 1562 meter vertical well. The well was spudded 20100116 23:15 and the drilling rig was released on 20100203 14:00. The purpose of the well was to evaluate hydrocarbon potential. The primary target was the Sulphur Point formation which was encountered at a depth of 1389 m. The secondary target was the Slave Point formation which was encountered at a depth of 1326 m.

The drilling contractor was Precision Drilling Ltd based out of Calgary, Alberta. Precision's Rig #245 was used and is a conventional mechanical land rig rated for 2000 m. The rig had a mud system capacity of 66 m3 and a 229mm 21MPa Class VI BOP system with NACE trim. A remote choke manifold with NACE trim was also contracted for & supplied. A second mud pump was added to improve surface hole drilling performance.

The well was drilled on Production License No PL-019.

The exact co-ordinates of the well are as follows:

Latitude: 60° 05' 18.2"

Longitude: 117° 30' 23.2"

A cellar and conductor were pre-installed, and a diverter system was employed during the drilling of 311 mm surface hole to 378 mKB. While drilling @ 141mKB, circulation was lost and returns appeared outside of the conductor pipe. A cement job of 1.8m3 class G cement was circulated with the diverter closed until cement returns were observed in the cellar. There were no other major lost circulation or mud ring problems encountered in drilling the surface hole. A string of 219. mm surface casing was run to 378 mKB. The casing was cemented and there were 5 m3 of cement returned to surface. The plug was bumped with 16MPa

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.

The float collar and shoe were drilled out. No leak off test was performed as per waiver received 20091217 from the Chief Conservation Officer of the National Energy Board. A 200 mm hole was drilled with a flocculated water system. Partial lost circulation was observed @ 560 (Wabamun), and lost returns completely at 584mKB. Drilling continued blind, as approved in advance by NEB, to approximately 752mKB (Ft Simpson Shale). Two quick set cement plugs were run (LCS 1820 + 3%LCC). Plug # 1 was 7 tonnes (5.9 m3) and was tagged 35 below calculated top. Plug #2 was 4 tonnes (3.4 m3) and was tagged @ 550mKB (on depth neglecting 20% excess).

Drilling continued to 1100m (minor losses @ 715mKB) where the drilling fluid was mudded up with gel and polymer. Drilling continued to a total depth of 1468 mMD.

Weatherford Wireline ran induction, density, dipole sonic, and micro-resistivity logs from bottom to surface casing.

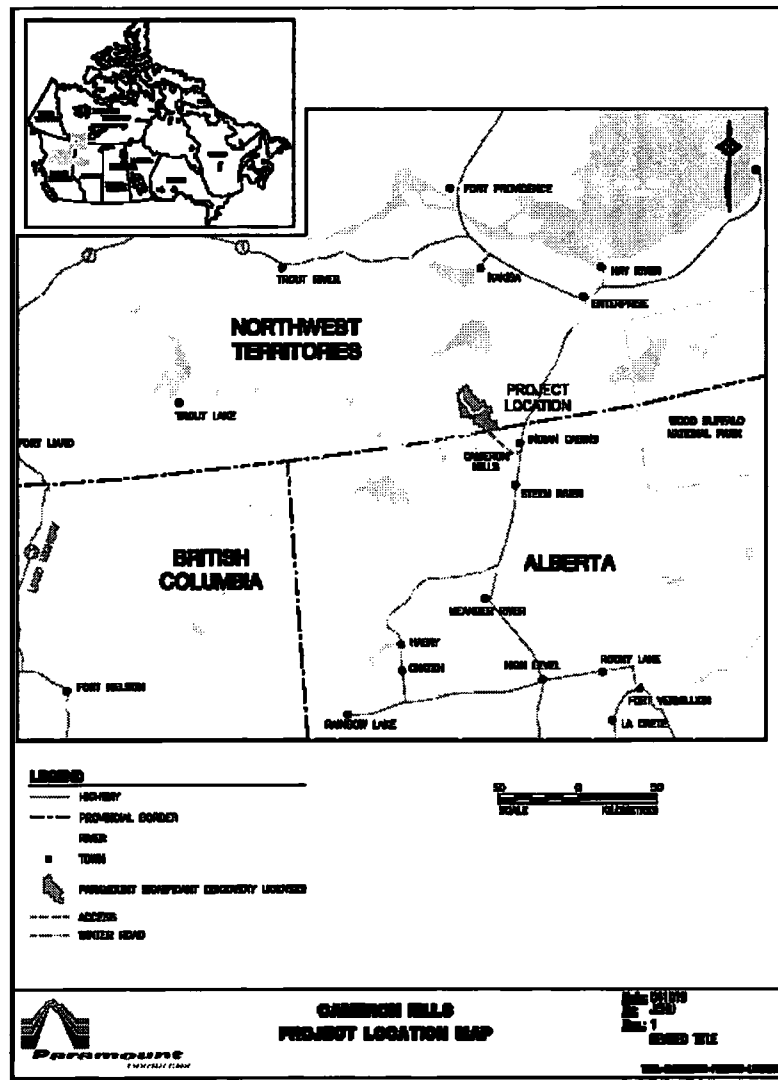
Production casing (139.7 mm, 20.8 kg/m, J-55, ST&C) was run and set at 1468 mMD. It was cemented with 18.9t Thixlite + 0.04% LTR and 7.5 t Expandomix LWL + 0.15% CFL-3 + 0.3% LTR. No cement returns were observed (pre-flush (3 m3 H2O) to surface). The plug was bumped with 13 MPa.

The drilling rig was released at 20100203 14:00 hrs and rigged out.

Completions Summary

The Concord 41 service rig was moved in on 20100209 to complete & test the well. The Lower Sulphur Pt Dolomite and the Upper Sulphur Pt Dolomite were perforated and acidized. Zones were very tight and produced little fluid (10% oil) on swabbing. The Sulphur Pt Limestone was perforated and acidized. Swabbing produced up to 0.6m3/hr with 30% oil. Tubing and recorders were run, and the well was swabbed down and SI for build up. Further details are located in the appendices.

Locality Map – Cameron Hills NWT



B. GENERAL DATA

1. Well Name: Para et al Cameron H-06
Well Identification Number (WID): 2064
Production License: PL-019
Location Unit: H
Section: 06
Grid Area: 60⁰ 10' N, 117⁰ 30'
Classification: Delineation
2. Surface Coordinates:
Latitude: 60⁰ 05' 18.2"
Longitude: 117⁰ 30' 23.2"
3. Unique Well Identifier: 300H066010117300
4. Operator: Paramount Resources Ltd.
5. Contractor: Precision Drilling
6. Drilling Unit: Precision Rig # 245, (conventional mechanical double land rig)
7. Position Keeping: N/A
8. Support Craft (Helicopter): N/A
9. Drilling Unit Performance:
Fair (crews not familiar with NWT level of expectation)
10. Difficulties and Delays:
Total lost circulation in the Wabamun.
Drilled blind to Ft Simpson Shale and then set two quick-set cement plugs.
Further losses were minor.
11. Total Well Cost:
Drilling \$1,700,000
Completion \$ 600,000
12. Bottom Hole Co-ordinates: (vertical well - no directional survey run)
Latitude: 60⁰ 05' 18.2"
Longitude: 117⁰ 30' 23.2"

C. SUMMARY OF DRILLING OPERATIONS

1. Elevations:
Ground: 758.6 m above sea level
KB: 763.2 m above sea level
KB to Casing Flange: 4.65 m
2. Total Depth: 1468 mMD
3. Date and Hour Spudded: 20100116 23:15
4. Date of Rig Release: 20100203 14:00
5. Well status: Cased and Suspended
6. Hole Sizes and Depths:

Conductor Hole:	610 mm to 12.2 m
(Formations in conductor)	0 – 0.9 mGL – snow
	0.9– 1.8 mGL - muskeg
	1.8 – 8.5 mGL - permafrost (ice lenses)
	8.5 – 12.1 mGL - solid clay
Surface Hole:	311 mm to 378 mKB
Main Hole:	200 mm to 1468 mMD
7. Casing and Cementing Record:

Conductor Hole:	
Casing Size:	406 mm
Depth Set:	12.2 m
Cement Volume:	40 sacks
Cement Type:	Portland
Surface Hole:	
Casing Size:	219.1 mm
Casing Weight:	35.7 kg/m
Casing Grade:	J-55
Thread:	ST&C
Depth Set:	378 mKB
Cement Volume:	33 Tonnes
Cement Type:	Class 'G'
Additives:	1.5% CaCl ₂
Cement Returns:	5m3 to surface
Bumped Plug:	16MPa
Main Hole:	
Casing Size:	139 mm
Casing Weight:	20.8 kg/m
Casing Grade:	J-55
Thread:	ST&C

Depth Set: 1468 mMD
 Plug Back Depth: 1454 mMD
 Cement Volume 1: 18.9 Tonnes
 Cement Type 1: Thixlite
 Additives 1: 0.04% LTR
 Cement Volume 2: 7.5 Tonnes
 Cement Type 2: Expandomix LWL
 Additives 2: 0.15% CFL-3 + 0.3% LTR.
 Cement Top: No cement returns to surface
 Top by CBL was 414mKB

8. Sidetracked Hole: None

9. Drilling Fluid: See details in attachment

Conductor Hole: Dry drilled (auger)

Surface Hole: Shure Shale/PHPA

Properties: Viscosity: 35 - 55 sec/L
 Weight: 1020 - 1130 kg/m³
 PH: 6.0 - 9.0

Remarks: High natural MBT
 Severe mud foaming
 Bridges on wiper trip
 No mud rings or bit balling

Main (378- 1050 m): Floc water

Properties: Viscosity: 28 sec/L
 Weight: 1010 kg/m³
 PH: 8.0 - 10.0

Remarks: Drilled blind 560 - 752m
 Lots of calcium contamination from cement plugs

Main (1050 m - TD): Polymer/gel - switched to Shure Shale/PHPA due to bit balling

Properties: Viscosity: 41 - 79 sec/L
 Weight: 1030 - 1130 kg/m³
 PH: 9.0 - 10.5
 Water loss: 5.0 - 9.0 cc

Remarks: Bit balling & plugged jets

10. Fishing Operations: None

11. Well Kicks and Well Control Operations: None

12. Formation Leak Off Tests:

No leak off test was performed as per waiver received 20091217 from the Chief Conservation Officer of the National Energy Board.

13 Time Distribution Down by Activity:

IADC Code	Activity	Hours	Percentage
1	Move in / rig up:	72.8	12.6
2	Drill	148.2	25.74
3			
4			
5	Circulate and condition mud:	44.2	7.68
6	Trip	69.6	12.1
7	Rig Service	10.0	1.74
8	Repair Rig	2.8	0.5
9	Slip & cut line	8.6	1.5
10	Survey	5.2	0.9
11	Wireline logs	7.8	1.4
12	Casing & Cement	19.5	3.4
13	WOC	24	4.2
14	Nipple up	14	2.4
15	Test BOP	10.5	1.8
16			
17			
18			
19			
20			
21	Safety Meeting	22.5	3.9
22	Tear out	17.5	3.0
23	Wait on (other than cement)	26.8	4.6
24			
25	Other	72	12.5

14. Deviation Survey: Vertical Well – no deviation survey performed (inclination reading on daily reports)

15. Abandonment Plugs: N/A for drilling
Well was cased and cemented full length for completion & testing

16. Composite Well Record: See the copy of the strip log in the Geological Report in the Attachments Section

17. Wellhead: GE Vetco
Casing Bowl: 228 mm x 219 mm x 21 MPa
Top Section: 179.4mm - 20.7MPa X 65.1mm - 34.5MPa

DD Sour Service trim with ext. neck hanger

18. Completion:

Currently completed with Lower and Upper Sulphur Pt Dolomite and Sulphur Pt Limestone open. Results did not justify tie-in at this time.
Well was suspended with opened ended tubing in the hole.

Completion Operations

- Moved in & rigged up Concord 41 service rig, test equipment & flare stack on 20100209
- Displaced well to fresh water with 3% KCL (used as completion fluid)
- Cement bond log – cement top @ 414mKB.
- Perforated with wireline guns – underbalanced (negligible pressure response)
 - Lower Sulphur Pt Dolomite 1427-1429, 1430-1433
 - Upper Sulphur Pt Dolomite 1418-1419, 1413.5-1415.5, 1410.5-1412.5,
- Acid squeeze Lower Sulphur Pt Dolomite with Tri-can mud wash & 15% HCl – very tight – no breakdown
- Swab back – trace burnable gas
- Acid squeeze Upper Sulphur Pt Dolomite with Tri-can mud wash & 15% HCl – very tight – no breakdown
- Communication between Upper & Lower Dolomite zones – trace of oil – increased to 10% oil
- Perforated with wireline guns – underbalanced (negligible pressure response)
 - Sulphur Pt Limestone 1395-1398, 1400-1401
- Acid squeeze Sulphur Pt Limestone with Tri-can mud wash & 15% HCl – breakdown @ 9,000kPa
- Swab @ 0.6m³/hr – 30% oil
- Run 73mm tubing (with recorders), swab down (trace oil) and SI for build-up
- Released completion rig 20100222.

Further details including daily reports, completions schematic “as built”, fluid analyses, bottom hole pressure data, swab reports and stimulation reports are located in the appendices.

D: GEOLOGY

FORMATION TOPS

FORMATION	PROGNOSIS TOPS		SAMPLE TOPS		COMMENT
MSL – RKB: 763.0m	m TVD	m SubSea	m TVD	m SubSea	m Isopach
Wabamun FM	533.00	230.00	532.50	230.50	166.50
Jean Marie Mbr	699.00	64.00	699.00	64.00	6.00
Fort Simpson Fm	706.00	57.00	705.00	58.00	110.50
Twin Falls Fm	818.00	-55.00	815.50	52.50	157.00
Hay River Fm	979.00	-216.00	972.50	-209.50	329.50
Beaverhill Lake Fm	1312.00	-549.00	1302.00	-539.00	24.50
Slave Point Fm	1335.00	-572.00	1326.50	-563.50	48.50
F4 Marker Fm	1377.00	-614.00	1375.00	-612.00	7.50
Watt Mountain Fm	1384.00	-621.00	1382.50	-619.50	6.50
Sulphur Pt Ls Fm	1392.00	-629.00	1389.00	-626.00	18.00
Sulphur Pt Dol	1402.00	-639.00	1407.00	-644.00	26.50
Muskeg Fm	1416.00	-653.00	1433.50	-670.50	34.50
Total Depth	1437.00	-674.00	1468.00	-705.00	-

As per Geological Report in the Attachments Section.

SAMPLE DESCRIPTIONS:

See Geological Report in the Attachments Section.

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 Attachments Section.

DRILL STEM TESTS:

No Drillstem tests were run

WELL EVALUATION

The following logs were run:

Simultaneous Triple Induction Shallow Focused Log:	377 - 1463 mMD
Spectral Density Compensated Neutron Log:	5 - 1443 mMD
Dipole Sonic Log:	377 - 1450 mMD
Micro-Resistivity Log:	1300 - 1433 mMD

E. ENVIRONMENTAL SUMMARY

There are no known outstanding environmental considerations on this well.

WEATHER SUMMARY

Typical winter weather for Northern Alberta & the southern NWT was encountered during the drilling & completion of this well. After an unseasonably warm November, cold weather and snow facilitated construction of winter snow roads in December. During drilling, temperatures ranged from -10C to -36C with a mean of about -20C. Conditions were generally clear and calm with one day of fog and two of severe blowing snow (including the -32 day).

ENVIRONMENTAL PROTECTION

Fuel tanks were all double walled.

Minor "drips & spills" were cleaned up and recorded on the "Spill Log".

Spills exceeding the reporting threshold were immediately to the NWT Spill Line. There were two spills, over the reporting threshold (see below).

Significant challenges were encountered due to differences in expectation between crews trained and experienced with practices in Alberta, and Paramount's much higher expectations in the NWT. This is a difficult challenge due to the short operating season due to the requirements for "winter only" operations in the NWT, and the transient nature of the upstream petroleum workforce.

WASTE HANDLING

The well was drilled sump-less with all drilling fluids being held in tanks on the lease. At the end of the job the water was stripped from the mud system and hauled to the subsequent wells for re-use.

The solids were hauled to a remote site at B-08 60° 10' N, 117° 30' W where they were disposed of in cell 'A' using the mix/bury/cover technique. Due to the nature of the formations drilled, it was essentially impossible to avoid carry-over of liquids with the solids taken to the sump. Solids that appeared relatively "dry" when hauled to the sump subsequently separated, leaving a small quantity of liquid on the surface. An attempt was made to use a high G drier to reduce this effect, but it was not very successful. To prevent the freezing and subsequent incorporation of liquids into the sump (a violation of the Land Use Permit), a "bell hole" was dug in the sump material and the excess fluid sucked off with a vacuum truck and returned to the active drilling fluid system.

Liquid waste generated during the completions operations (spent KCL and produced water) was hauled to a deep well disposal site in Alberta for injection.

Sewage generated on site was trucked to the central camp @ H-03 where it was treated stored and tested prior to discharge. Treated effluent, passing discharge criteria, was discharged to the land, avoiding water course and water bodies. Material that did not pass was either re-processed until satisfactory or hauled to an approved municipal sewage

facility in Hay River.

Solid waste was segregated, stored in covered bins, hauled to Ft Nelson by a waste handling and recycling company.

SPILLS

There was one reportable spill on location during this operation (Report #10.021) where the mud hopper valve was accidentally opened by contact with the vacuum truck hose, and approximately 1m³ of fresh water based drilling fluid was spilled. The fluid picked up with a vacuum truck and returned to the active mud system. Contaminated snow was picked up and evaporated. Upon removal of the drilling rig, the area of the spill under the mud tanks and rig mats was inspected and no additional contamination was located.

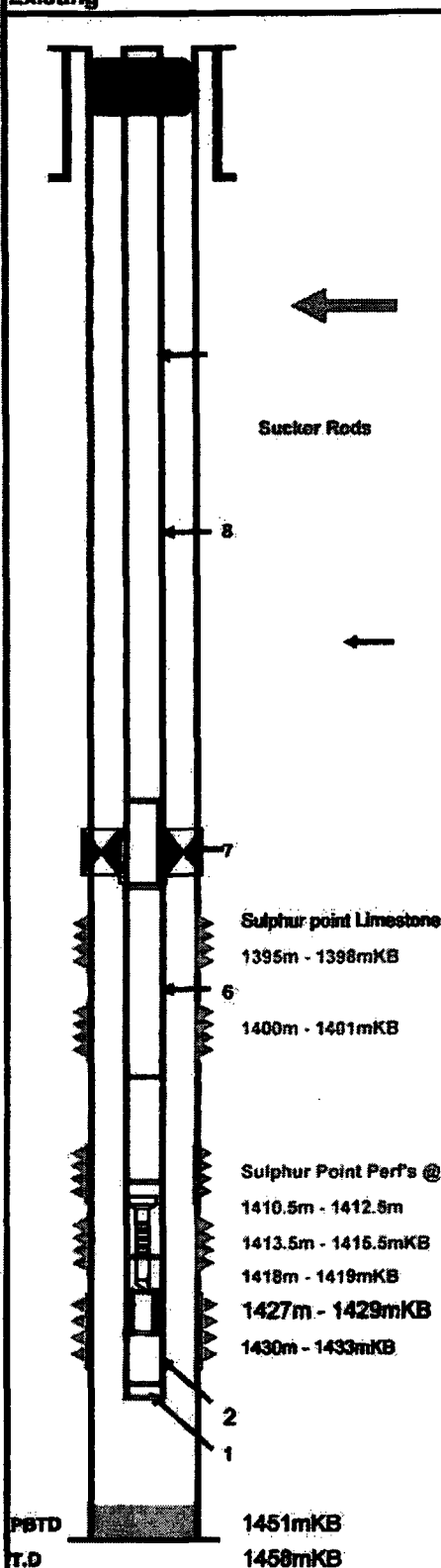
In addition, while the drilling rig was at this location, there was a 0.5 liter grey water spill at the H-03 camp location (Report #10.023). A hose ruptured and the grey water leaked out. This material was treated sewage and was waiting testing for approval for discharge to the land. Unfortunately when the test results were received, they did not meet the criteria and thus this was a reportable spill. It should be noted that this procedure (treat, hold and test prior to discharge) was voluntarily instituted by Paramount's drilling department. Similar operations have direct discharge of treated, but untested grey water approved for direct discharge. If this procedure had been followed, instead of the more stringent one, there would, by definition, have been no spill.

ATTACHMENTS TO WELL HISTORY REPORT

- 1) Wellbore Schematic
- 2) Wellhead Schematic
- 3) Geological report & geological composite log (strip log)
- 4) Survey plan.
- 5) Rathole Report
- 6) Paramount Daily Reports (drilling)
- 7) Tour Sheets (drilling)
- 8) Daily Mud Reports
- 9) Paramount Daily Reports (completion)
- 10) Tour Sheets (completion)
- 11) Swab Reports
- 12) Pressure Surveys
- 13) Fluid Analyses
- 14) Acid Stimulation Treatment Reports

Existing

DOWNHOLE DIAGRAM



WELL NAME: Para et al Cameron H - 06				WID : 2034		
Prepared by: Kim MacLeod			Date Start :			
Elevations :						
KB	[m]	773.89	KB to CF [m]	4.69	TD [m]	1468.00
GL	[m]	768.40	PSTD [m]	1438.89		
Tubulars	Size [mm]	Wt - Kg/m	Grade	Landing Depth [m]		
Surface Casing	219.10	35.70	J - 55, ST&C	430m		
Product. Casing	139.70	23.97	J - 55, ST&C	1468m		
Wellhead Description:						
Make / Type:		BARBER	Vetco Gray			
Size / Rating :		279mm X	21,000 kPa	178mm X 21,000 kPa		
Tubing String:		73mm, J - 55, 9.67 Kg / m, yellow band		(m)	(m)	
Date of Tubing Description:				Length	Top @	
No. Jts.	Description		Feb 22 - 2010	KB - Tbg. Fig.	4.06	KB Depth
1	Re - entry guide				0.13	1441.47
2	1 - joint 73mm, J - 55, 9.67 Kg / m, EUE				9.15	1432.19
3	API pump seating nipple 57.9mm				0.33	1431.86
4	1 - pup joint 73mm, J - 55, 9.67 Kg / m, EUE				0.66	1431.20
5	1 - pup joint 73mm, J - 55, 9.67 Kg / m, EUE				3.06	1428.14
6	6 - joint's 73mm, J - 55, 9.67 Kg / m, EUE				56.78	1371.36
7	Weatherford tubing hanger, 40,000 Shear				0.91	1370.45
8	145 - joint's 73mm, J - 55, 9.67 Kg / m, EUE				1365.89	4.56
9	Tubing hanger, 179mm X 73mm				0.22	4.34
10	KB - THF				4.06	0.28
11	Tubing anchor 5 daN tension				0.28	0.00

SUCKER ROD'S FROM BOTTOM UP

1					
2					
3	Note : Tandem recorders set in pup joint above PSN				
4	Recorders pulled 2010/9/28				
5					
6					

Zone	Sulphur Point Limestone	Interval :	1395m - 1398mKB
Zone	Sulphur Point Limestone	Interval :	1400m - 1401mKB
Zone	Sulphur point Dolomite	Interval :	1410.5m - 1412.5mKB
Zone	Sulphur point Dolomite	Interval :	1413.5m - 1415.5mKB
Zone	Sulphur point Dolomite	Interval :	1418m - 1419m KB
Zone	Sulphur point Lower	Interval :	1427m - 1429mKB
Zone	Sulphur point Lower	Interval :	1430m - 1433mKB

Acid Squeeze

**GE Oil & Gas**

710, 530 - 8th Ave S.W. Calgary, Alberta T2P 3S8
Phone: (403) 264-4146 Fax (403) 269-4224
Toll Free: 1-800-925-6024

Quotation**10-16881**

Rev

0

Date: March 1, 2010
Sold To: **Paramount Res.**
Attention: Mr. Dick Heenan
Reference: Cameron Hills
Currency: CAD
Payment Terms: Net 30 days
Delivery: Stock as Required
x F.O.B. Point: Edmonton
F.C.A. Point
Quotation Validity: 45 days
Account Representative: Al Stratulate

Quotation 10-16881 Rev 0

<u>Item</u>	<u>Qty</u>	<u>Part No</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
			EQUIPMENT QUOTED HEREIN ARE BASED ON:		
			MATERIAL CLASS: DD-NL TEMPERATURE RATING: L-U PSL 1, PR 1 UNLESS OTHERWISE NOTED		
1	1		CASING HEAD ASSEMBLY, VG-SOW, 9 3000 (228.6mm20.7MPa) X 8-5/8 (219.1mm) SOW, C/W (2) 2-1/16 3000 (52.4mm20.7MPa) SSO W/ 1.900 (48.3mm) VRT, API 6A 19TH ED., TC L-U, MC CDD, PR-1, PSL-1	1762.50	1762.50
2	1		CASING SLIP ASSEMBLY, VGS, 9 (228.6mm) X 5-1/2 (139.7mm), MANUAL SLIP, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	413.10	413.10
3	2		PRIMARY SEAL ASSEMBLY, VGS, 9 (228.6mm) X 5-1/2 (139.7mm), API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL1	255.15	510.30
4	1		GATE VALVE ASSY, VGC, 2-1/16 5000 (52mm 34.5MPa) FLANGED, FULL PORT. API 6A 19TH ED PSL-1, PR-1 TC L-U, MC DD	2,020.75	2020.75
5	2		COMPANION FLANGE, 2-1/16 5000 (52mm 34.5MPa) X 2 (50mm) LP API 6A 19TH ED PSL-1, PR-1, TC L-U, MC DD	107.73	215.46
6	1		BULL PLUG XXH 2 (50mm) LP X 1/2 (12.7mm) NPT TAPPED	26.73	26.73
7	1		NEEDLE VALVE 1/2 (12.7mm) NPT MXF STRAIGHT 316 S.S. 10000 WP	109.35	109.35

Quotation 10-16881 Rev 0					
Item	Qty	Part No	Description	Unit Price	Total
8	1		PRESSURE GAUGE 0 - 3000 (20.7MPa) CW 4 (101.6mm) DIAL 1/2 (12.7mm) NPT BTM NACE	75.33	75.33
9	1		RING GASKET R-49 316 S.S.	116.64	116.64
10	3		RING GASKET R-24 316 S.S.	39.69	119.07
11	1		STUD/NUT L7/2H 7/8 (22.2mm) X 6 (152.4mm) LONG SET OF 8	34.86	34.86
EQUIPMENT TOTAL					\$5,404.09

Additional information: Contact Corey Canniff @ 403-264-4146

Authorized By: _____

For Vetco Gray

**Remanufactured wellhead equipment carries full warranty and is subject to prior sale

All deliveries are from receipt of order and subject to prior sale

No product may be returned for credit without the written consent of an authorized VGC employee.

Quotation 10-16881 Rev 0

<u>Item</u>	<u>Qty</u>	<u>Part No</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
-------------	------------	----------------	--------------------	-------------------	--------------

Product returned more than 30 days after shipment date is subject to a 15% restocking charge.

Products purchased from other O.E.Ms is subject to their actual restocking charge.

Equipment returned for credit that requires disassembly is subject to a tear down charge

Credit will not be issues on assembly, test and paint.

Product returned requiring clean-up is subject to shop charge.

Expendable items such as nipples, ring gaskets and boltings that are part of assemblies are subject to 100% restocking charge.

Components requiring special coating for injection wells will be subject to a 15% restocking charge.

Products manufactured to a PSL-3 is subject to a 15% restocking charge.

Specialty equipment (considered to be a non-stocking item) is subject to a 100% restocking charge.

Fuel or steel surcharge, if applicable will be added to invoice amount.

**VETCO GRAY CANADA INC.
STANDARD TERMS AND CONDITIONS**

1. Acceptance

1.1 Acceptance of any offer to sell by VGC is limited to Purchaser completely and exclusively accepting all terms and conditions hereof ("Terms"). The acknowledgment Sales Agreement constitutes the entire agreement between the parties and takes precedence over any and all previous verbal or written arrangements in connection with this Agreement. Any deletions, modifications, alterations or additions to the Terms, to be binding, shall be in writing and signed by an authorized representative of VGC and the Purchaser. Without limiting the foregoing, it is expressly acknowledged that any Purchaser document received is for order identification convenience only. Any and all provisions on the face or reverse side of any purchase order which Purchaser may send to VGC in connection herewith are expressly objected to by VGC and waived by Purchaser and made inapplicable to any such purchase, unless both parties expressly agree in writing to include any such terms and conditions in this Agreement.

1.2 Purchaser's acceptance is hereby expressly limited to the Terms, and acceptance of any part of the products covered hereunder shall be deemed to constitute such acceptance. (If this order constitutes an acceptance of an offer, such acceptance is expressly made conditional on Purchaser's assent to the Terms and any additional or different terms contained herein, and acceptance of any part of the products covered shall be deemed to constitute such assent.) VGC may provide the products from its affiliated company, in which event these Terms will apply. Purchaser may not assign this Agreement without the prior written consent.

1.3 For any item of VGC equipment leased to Purchaser, VGC's standard terms and conditions of equipment lease shall apply.

2. Limited Warranties

VGC hereby warrants that all products manufactured by VGC are free of defects of material and workmanship for a period of twelve (12) months from the date shipped, providing that the products are used in the service specified and are properly installed, used and maintained and not altered after initial delivery, corrosion and erosion and normal wear and tear excepted. Purchaser shall give written notice to VGC of any defects within thirty (30) days of their discovery by Purchaser, within said twelve (12) month period, with a report detailing failure and defects. VGC reserves the right to require prepaid return of the allegedly defective product to establish a warranty claim. VGC will, at its option, repair any product found defective during the warranty period without charge, replace the product F.O.B. manufacturing facility, or refund the purchase price paid for the products upon return to VGC. VGC shall not be responsible for retrieving or removing defective items (whether manufactured by VGC or not), or any part thereof, or for reinstalling the same when repaired or replaced, or for any cost incurred in connection with such retrieval, removal or reinstallation. In the case of items or parts not wholly of VGC's manufacture, but supplied by VGC, VGC's liability shall be limited to the warranty of the manufacturer of the items or parts. VGC will not be responsible for repairs made by other than VGC without prior written consent. This warranty is EXCLUSIVE AND, EXCEPT AS STATED HEREIN, VGC MAKES NO EXPRESS OR IMPLIED WARRANTIES AS TO ANY MATTER WHATSOEVER, INCLUDING, WITHOUT LIMITATION, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE, WHICH EXCEEDS THE FOREGOING WARRANTY. PURCHASER'S SOLE REMEDY AND VGC'S SOLE OBLIGATION ARISING OUT OF OR IN CONNECTION WITH DEFECTS IN MATERIALS, WORKMANSHIP OR SERVICES, WHICH ARE BASED ON NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE THOSE STATED IN THIS SECTION. The Purchaser acknowledges that any affirmation of fact or promise made by VGC shall not be deemed to create an express warranty, that Purchaser is not relying on VGC's skill or judgment in selecting or furnishing a system suitable for any particular purpose, and there are no warranties which extend beyond the description on the face hereof.

3. Liability

VGC is not an insurer and insurance, if any, shall be obtained by the Purchaser. The Purchaser acknowledges that it is impracticable and extremely difficult to affix the actual damages, if any, which may proximately result from a failure on the part of VGC to perform any of the obligations contained herein, or the failure of the product to operate properly, with resulting loss to the Purchaser, and that the price is established on use of these Terms. The Purchaser agrees that if VGC should be found liable for loss or damage due to a failure of service or equipment in any respect whatsoever, VGC's liability, whether based on breach of warranty, breach of contract, tort, strict liability or otherwise, shall be limited to its warranty obligation, but in no event shall exceed the purchase price paid. In the event that those products or parts which are defective in either material or workmanship are not wholly of VGC's manufacture, VGC's liability shall be limited exclusively to the extent of VGC's recovery from the manufacturer of such products or parts. The replacement cost or VGC's recovery from the manufacturer, as the case may be, shall be the exclusive obligation and liability of VGC and the sole remedy of Purchaser. Further, the provisions of this section shall apply if loss or damage, in whole or in part, is caused by or indirectly to persons or property, from performance or nonperformance of the obligations imposed by this Agreement or from negligence, active or otherwise, of VGC, its agents, assigns or employees. In no event shall VGC be liable for damages arising from delays, loss of use or of profits or for other incidental or consequential damages of any kind, including, by way of example and not of limitation, pollution, hydrocarbon spillage or discharge, blowout, seepage, damage to underground reservoirs or any uncontrolled flow of hydrocarbons or other substances.

4. Subrogation

The Purchaser hereby releases, discharges and agrees to hold VGC harmless from any and all claims, liabilities, damages, losses or expenses arising from or caused by any hazard covered by insurance, whether said claim is made by Purchaser, its agents and insurance company, or by any other parties claiming under or through Purchaser. Purchaser agrees to indemnify VGC against, defend and hold VGC harmless from any liability, loss or damage, including costs or attorney's fees which VGC may incur as a result of any action or subrogation which may be brought against VGC by an insurer or insurance company, or its agents or

5. Price and Payment

5.1 All products are priced in U.S. dollars, unless otherwise stated, and will be invoiced upon shipment. Net payment is due within thirty (30) days after invoice date. Interest charges at eighteen percent (18%) per annum (or at maximum lawful rate) will be applicable to delinquent accounts unpaid after due date. Prices quoted are subject to change without notice if not accepted within thirty (30) days, unless specifically stated.

5.2 Unless otherwise quoted, Purchaser will pay, in addition to the purchase price of the products, all charges for export packing and processing, insurance and transportation, and the price of products does not include personnel or equipment required to install the products.

6. Transportation

Unless otherwise specified in VGC's sales quotation, transportation charges, including transportation documents and contracts with carriers, shall be based upon the point of manufacture and shall be paid by Purchaser. All taxes, surcharges, customs duties, consular fees, assessments imposed by any governmental authority, insurance charges and other applicable charges, shall be borne by the Purchaser. Title to and risk of loss for goods sold shall pass to the Purchaser ex works (INCOTERMS), point of manufacture warehouse, unless otherwise specifically agreed to by VGC in writing.

7. Delivery

Purchaser acknowledges that delivery dates, while given as accurately as conditions permit, are tentative only and, while every effort will be made to make deliveries as scheduled, VGC assumes no liability whatsoever or damages arising out of the failure to deliver the goods described herein on the dates stated. Delay in delivery shall not give Purchaser the right to cancel order. Delivery dates may be changed at VGC's

8. Cancellation or Rescheduling of Orders

8.1 Purchaser's orders, once placed and accepted, may be canceled only with VGC's written consent and upon terms which will save VGC from loss. No products may be returned for credit, warranty claim or adjustment without the written consent of authorized VGC employees.

8.2 VGC may, but is not obligated to, accept a written request by Purchaser to delay shipment of the products. If rescheduling is accepted by VGC, Purchaser shall pay any additional costs incurred by the delay and the price for the balance of the order shall be adjusted to reflect prices and costs in effect at time of actual shipment.

9. Taxes, Licenses or Other Charges

9.1 All taxes or other charges imposed by law on the sale or production of goods or the performance of services under this Agreement, including, but not limited to, those from all governmental authorities, as well as all foreign taxes, surcharges, duties, assessments or charges, if any, shall be borne by the Purchaser, unless the law specifically provides that such payment must be borne by VGC. Purchaser shall pay for and hold VGC harmless from all such governmental charges.

9.2 Purchaser shall, at its own expense, obtain all licenses, permissions or authorizations to use, purchase, export or import the products, as may be required by any governmental authority.

10. Services

Upon the request of the Purchaser, VGC will provide appropriate services and/or technical information, as available, regarding the products and their uses, and will use reasonable efforts to provide personnel to assist the Purchaser in effecting field installations. The Purchaser acknowledges that any such information, service or assistance so provided, whether with or without charge, shall be in an advisory capacity only. The Purchaser further agrees that VGC assumes no liability for any damage or loss at any location arising out of, resulting from or caused, in whole or in part, by any information, service, advice or assistance provided by VGC, its agents, assigns, employees or subcontractors.

11. Packaging/Insurance

11.1 When obligated to do so in the specifications, VGC shall attempt to pack and prepare all shipments in such a manner as to prevent breakage, rust or deterioration in transit. VGC does not, however, guarantee against such damage and the risk of any damage to the products in transit shall be borne by the Purchaser at all times.

11.2 Unless requested by the Purchaser and agreed to in writing by VGC, no shipments are insured by VGC against damage or loss in transit and VGC assumes no liability whatsoever in regard to the obtaining of such insurance.

12. Changes and Modifications in Design

VGC hereby reserves the right to change or modify the specification and construction of any of its products without incurring any obligation to furnish or install such changes or modifications on products previously or subsequently sold.

13. Patent Warranties

The Purchaser acknowledges that VGC does not warrant that any of the materials, equipment or apparatus sold by it, if used or sold in combination with any other equipment, or used in Purchaser's methods or processes, will not, by virtue of such combination or use, infringe patents of others, and VGC shall not be liable for any patent infringement arising from or by reason of any such use or sale. On any item sold by VGC, but specified or designed and/or manufactured by others, VGC shall endeavor, for protection of Purchaser, to obtain the most advantageous patent guarantee, which shall run directly to Purchaser, with VGC's liability limited to rendering to Purchaser reasonable assistance in enforcing such guarantees. Further, VGC shall not be liable for the use or sale of any material, equipment or apparatus specially made, in whole or in part, to the Purchaser's design specifications and, in such instances, all patent liabilities shall be borne by the Purchaser. If an injunction is issued enjoining use of products designed by VGC, VGC, at its own expense, shall either procure for Purchaser the right to continue to use such products, design and specify non-infringing products, or design and specify modifications so that the product becomes non-infringing, as VGC's sole and limit

14. Shortages

Subject to Paragraphs 6.1, 11.1 and 11.2, all claims regarding shortages in any shipment must be made within thirty (30) days from the receipt of such shipment, and must be accompanied by the packing list or lists covering the shipment.

15. Consular Documents and Declarations

The procurement of consular fees for legalizing invoices, stamping Bills of Lading or other such documents and declarations required by the law of any country or destination, are not included in quotations or selling prices. Although it is not VGC's policy to make such arrangements, if instructed by the Purchaser and agreed to in writing by VGC, VGC will make arrangements for any consular documents and declarations needed, as agents of the Purchaser. VGC assumes no liability whatsoever as a result of making such arrangements and all costs and liability shall be borne by the Purchaser.

16. Force Majeure

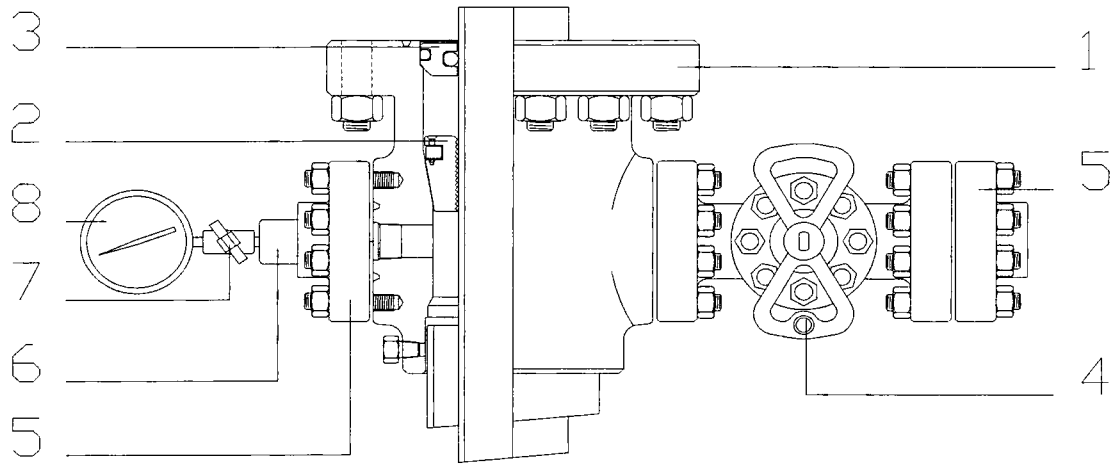
If the Purchaser or VGC is prevented, directly or indirectly, from carrying out the provisions of this Agreement by reason of any act of God, war, revolution, blockade, strike, riot, earthquake, cyclone or flood, or delay by carrier, fuel shortage, embargo, workout or other labor disturbance, actual or potential, the operation of laws, interference of civil or military authority, or other cause, existing or future, beyond the reasonable control of the party affected, interfering with production or receipt of goods as herein contemplated, the party so prevented or interfered with shall be excused from making or taking deliveries to the extent of such prevention or interference, excluding the obligation to pay monies owed, provided prompt written notice is given to the other party.

17. Governing Law

17.1 The validity, interpretation and performance of this Agreement with respect to goods delivered or to be delivered under this Agreement shall be governed by the laws of the Canada and the Province of Alberta and any dispute arising hereunder shall be referred to the courts of the Province of Alberta or, at VGC's sole discretion, to the courts where the Purchaser's business is situated.

17.2 The invalidity, in whole or in part, of the Terms, or any provision or any part thereof, shall not affect the validity or enforceability of any other terms or provisions.

17.3 The right of VGC to require strict performance of the Terms shall not be affected by any prior waiver or course of dealing.



**GE Oil & Gas**

710, 530 - 8th Ave S.W. Calgary, Alberta T2P 3S8
Phone: (403) 264-4146 Fax (403) 269-4224
Toll Free: 1-800-925-6024

Quotation**10-16880**

Rev

0

Date: February 26, 2010
Sold To: **Paramount Resources**
Attention: Mr. Dick Heenan
Reference: Cameron Hills
Currency: CAD
Payment Terms: Net 30 days
Delivery: Stock as Required
x F.O.B. Point: Edmonton
F.C.A. Point:
Quotation Validity: 45 days
Account Representative: Al Stratulate

Quotation 10-16880 Rev 0

<u>Item</u>	<u>Qty</u>	<u>Part No</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
			EQUIPMENT QUOTED HEREIN ARE BASED ON:		
			MATERIAL CLASS: DD-NL TEMPERATURE RATING: LY PSL 1, PR 1 UNLESS OTHERWISE NOTED		
1	1		TUBING HEAD ASSEMBLY, VGOFF-GRF, 9 3000 (228.6mm20.7MPa) X 7-1/16 3000 (179.4mm20.7MPa), C/W (2) 2-1/16 5000 (52.4mm34.5MPa) SSO W/ 1.900 (48.3mm) VRT, API 6A 19TH ED., TC L-U, MC AA, PR-1, PSL-1	2280.15	2280.15
2	1		SECONDARY SEAL ASSEMBLY, GRF, 9 (228.6mm) X 5-1/2 (139.7mm), API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	244.62	244.62
3	1		TUBING HANGER ASSEMBLY, XP-1, 7-1/16 (179.4mm) NOM. X 2-7/8 (73.0mm) EUE BOX X BOX C/ EXTENDED NECK & 2-1/2 (63.5mm) HBPV, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	761.40	761.40
4	1		TUBING HEAD ADAPTER BONNET, XP-1, 7-1/16 3000 (179.4mm20.7MPa) X 2-9/16 5000 (65.1mm34.5MPa) SSU, C/W SEAL POCKET & TEST PORT, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	1312.20	1312.20
5	2		GATE VALVE ASSY, VGC, 2-9/16 5000 (65.1mm 34.5MPa) FLANGED, FULL PORT. API 6A 19TH ED PSL-1, PR-1 TC L-U, MC DD	2,689.28	5378.56
6	1		STUDDERED TEE, 2-9/16 5000 (65.1mm34.5MPa) RISE X 2- 1/16 5000 (52.4mm34.5MPa) RUN, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	1211.76	1211.76

Quotation 10-16880 Rev 0					
Item	Qty	Part No	Description	Unit Price	Total
7	1		B.H.T.A., 2-9/16 5000 (65.1mm 34.5MPa), C/W TOP CAP ASSEMBLY W/ 1/2" NPT TAP, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	822.15	822.15
8	3		GATE VALVE ASSY, VGC, 2-1/16 5000 (52mm 34.5MPa) FLANGED, FULL PORT. API 6A 19TH ED PSL-1, PR-1 TC L-U, MC DD	2020.75	6062.25
9	3		COMPANION FLANGE, 2-1/16 5000 (52mm 34.5MPa) X 2 (50mm) LP API 6A 19TH ED PSL-1, PR-1, TC L-U, MC DD	107.73	323.19
10	3		BULL PLUG XXH 2 (50mm) LP X 1/2 (12.7mm) NPT TAPPED	26.73	80.19
11	4		FORGED STEEL PIPE PLUG 1/2 (12.7mm) NPT	4.46	17.84
12	2		NEEDLE VALVE 1/2 (12.7mm) NPT MXF STRAIGHT 316 S.S. 10000 WP	109.35	218.70
13	2		PRESSURE GAUGE 0 - 3000 (20.7MPa) CW 4 (101.6mm) DIAL 1/2 (12.7mm) NPT BTM NACE	75.33	150.66
14	1		RING GASKET R-49 316 S.S.	116.64	116.64
15	1		RING GASKET R-45 316 S.S.	84.24	84.24
16	4		RING GASKET R-27 316 S.S.	48.60	194.40
17	6		RING GASKET R-24 316 S.S.	39.69	238.14
18	1		STUD/NUT L7/2H 1-3/8 (38.1mm) X 9-1/2 (241.3mm) LONG SET OF 12	196.83	196.83
19	1		STUD/NUT L7/2H 1-1/8 (28.6mm) X 8 (203.2mm) LONG SET OF 12	107.73	107.73
20	1		STUD/NUT L7/2H 1 (25.4mm) X 7 (177.8mm) LONG SET OF 8	53.64	53.64
21	5		STUD/NUT L7/2H 7/8 (22.2mm) X 6 (152.4mm) LONG SET OF 8	34.86	174.30
22	1		CASING VENT ASSEMBLY, 2 (50.8mm) X 2000 (13.8MPa)	192.78	192.78
23	5		LABOUR CHARGE/HR TO ASSEMBLE TEST AND PAINT	60.00	300.00
EQUIPMENT TOTAL					\$20,522.37

Additional information: Contact Corey Canniff @ 403-264-4146

Authorized By: _____

For Vetco Gray _____

Quotation 10-16880 Rev 0					
<u>Item</u>	<u>Qty</u>	<u>Part No</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>

****Remanufactured wellhead equipment carries full warranty and is subject to prior sale**

All deliveries are from receipt of order and subject to prior sale

No product may be returned for credit without the written consent of an authorized VGC employee.

Product returned more than 30 days after shipment date is subject to a 15% restocking charge.

Products purchased from other O.E.Ms is subject to their actual restocking charge.

Equipment returned for credit that requires disassembly is subject to a tear down charge

Credit will not be issues on assembly, test and paint.

Product returned requiring clean-up is subject to shop charge.

Expendable items such as nipples, ring gaskets and boltings that are part or assemblies are subject to 100% restocking charge.

Components requiring special coating for injection wells will be subject to a 15% restocking charge.

Products manufactured to a PSL-3 is subject to a 15% restocking charge.

Specialty equipment (considered to be a non-stocking item) is subject to a 100% restocking charge.

Fuel or steel surcharge, if applicable will be added to invoice amount.

VETCO GRAY CANADA INC.
STANDARD TERMS AND CONDITIONS

1. Acceptance

1.1 Acceptance of any offer to sell by VGC is limited to Purchaser completely and exclusively accepting all terms and conditions hereof ("Terms"). The acknowledgment Sales Agreement constitutes the entire agreement between the parties and takes precedence over any and all previous verbal or written arrangements in connection with this Agreement. Any deletions, modifications, alterations or additions to the Terms, to be binding, shall be in writing and signed by an authorized representative of VGC and the Purchaser. Without limiting the foregoing, it is expressly acknowledged that any Purchaser document received in order identification convenience only. Any and all provisions on the face or reverse side of any purchase order which Purchaser may send to VGC in connection herewith are expressly objected to by VGC and waived by Purchaser and made inapplicable to any such purchase, unless both parties expressly agree in writing to include any such terms and conditions in this Agreement.

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4. Subrogation

The Purchaser hereby releases, discharges and agrees to hold VGC harmless from any and all claims, liabilities, damages, losses or expenses arising from or caused by any hazard covered by insurance, whether said claim is made by Purchaser, its agents and insurance company, or by any other parties claiming under or through Purchaser. Purchaser agrees to indemnify VGC against, defend and hold VGC harmless from any liability, loss or damage, including costs or attorney's fees which VGC may incur as a result of any action or subrogation which may be brought against VGC by an insurer or insurance company, or its agents or

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VGC hereby reserves the right to change or modify the specification and construction of any of its products without incurring any obligation to furnish or install such changes or modifications on products previously or subsequently sold.

13. Patent Warranties

The Purchaser acknowledges that VGC does not warrant that any of the materials, equipment or apparatus sold by it, if used or sold in combination with any other equipment, or used in Purchaser's methods or processes, will not, by virtue of such combination or use, infringe patents of others, and VGC shall not be liable for any patent infringement arising from or by reason of any such use or sale. On any item sold by VGC, but specified or designed and/or manufactured by others, VGC shall endeavor, for protection of Purchaser, to obtain the most advantageous patent guarantee, which shall run directly to Purchaser, with VGC's liability limited to rendering to Purchaser reasonable assistance in enforcing such guarantees. Further, VGC shall not be liable for the use or sale of any material, equipment or apparatus specially made, in whole or in part, to the Purchaser's design specifications and, in such instances, all patent liabilities shall be borne by the Purchaser. If an injunction is issued enjoining use of products designed by VGC, VGC, at its own expense, shall either procure for Purchaser the right to continue to use such products, design and specify non-infringing products, or design and specify modifications so that the product becomes non-infringing, as VGC's sole and limit

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Subject to Paragraphs 6.1, 11.1 and 11.2, all claims regarding shortages in any shipment must be made within thirty (30) days from the receipt of such shipment, and must be accompanied by the packing list or lists covering the shipment.

15. Consular Documents and Declarations

The procurement of consular fees for legalizing invoices, stamping Bills of Lading or other such documents and declarations required by the law of any country or destination, are not included in quotations or selling prices. Although it is not VGC's policy to make such arrangements, if instructed by the Purchaser and agreed to in writing by VGC, VGC will make arrangements for any consular documents and declarations needed, as agents of the Purchaser. VGC assumes no liability whatsoever as a result of making such arrangements and all costs and liability shall be borne by the Purchaser.

16. Force Majeure

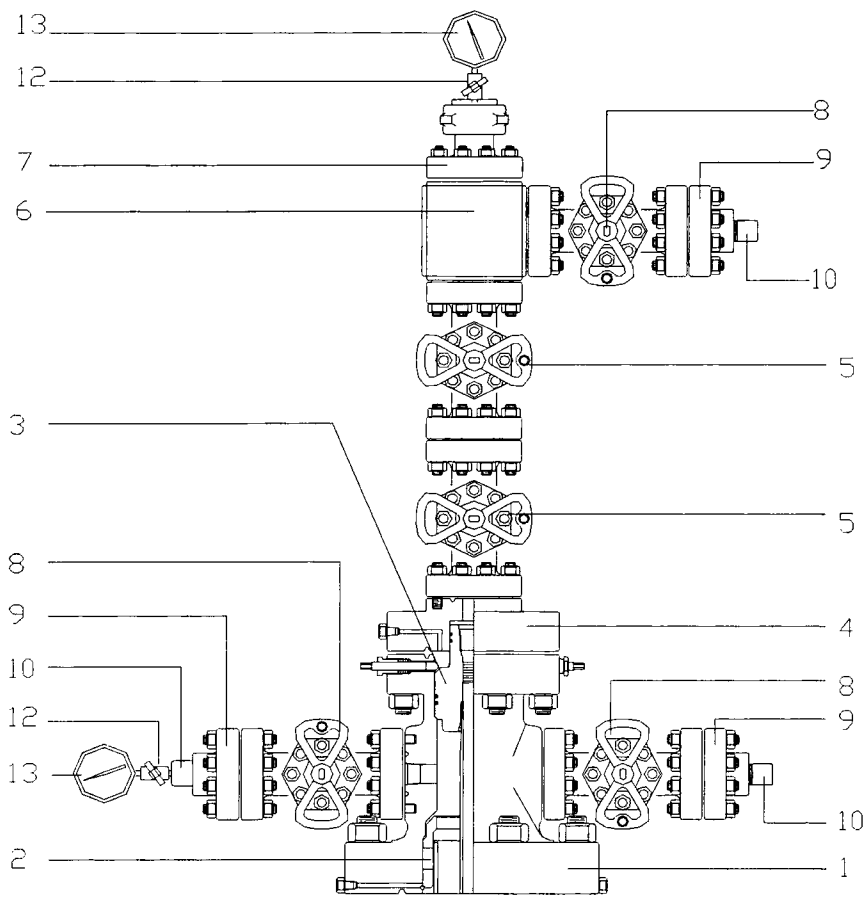
If the Purchaser or VGC is prevented, directly or indirectly, from carrying out the provisions of this Agreement by reason of any act of God, war, revolution, blockade, strike, riot, earthquake, cyclone or flood, or delay by carrier, fuel shortage, embargo, work-out or other labor disturbance, actual or potential, the operation of laws, interference of civil or military authority, or other cause, existing or future, beyond the reasonable control of the party affected, interfering with production or receipt of goods as herein contemplated, the party so prevented or interfered with shall be excused from making or taking deliveries to the extent of such prevention or interference, excluding the obligation to pay monies owed, provided prompt written notice is given to the other party.

17. Governing Law

17.1 The validity, interpretation and performance of this Agreement with respect to goods delivered or to be delivered under this Agreement shall be governed by the laws of the Canada and the Province of Alberta and any dispute arising hereunder shall be referred to the courts of the Province of Alberta or, at VGC's sole discretion, to the courts where the Purchaser's business is situated.

17.2 The invalidity, in whole or in part, of the Terms, or any part thereof, shall not affect the validity or enforceability of any other terms or provisions.

17.3 The right of VGC to require strict performance of the Terms shall not be affected by any prior waiver or course of dealing.



WELL SUMMARY

OPERATOR	:	PARAMOUNT RESOURCES LTD.
WELL NAME	:	PARA ET AL CAMERON H-06
UWI	:	300-H-06-6010-117300
WELL LICENSE	:	1221
AFE	:	09NO10004
FIELD	:	Cameron Hills
SURFACE LOCATION	:	Unit: H Section: 06 Grid Area: 60° 10' N 117° 30' W
SURFACE COORDINATES	:	Latitude: 60° 05' 18.2"N Longitude: 117° 30' 23.2" W
DRILLING RIG	:	Precision Drilling Rig# 245
DRILLING CONTRACTOR	:	Precision Drilling.
WELL TYPE	:	Vertical Development Well
RKB - MSL	:	763.00m
MSL - GL	:	758.40m
SPUD DATE	:	January 16, 2010.
DATE TD REACHED	:	January 31, 2010.
DATE RIG RELEASED	:	February 03, 2010.
TD DEPTH	:	1468.0m MBRT (-705.0m SS)
TD COORDINATES	:	Latitude: 60° 05' 18.2"N Longitude: 117° 30' 23.2" W
HOLE SIZE	:	311.0mm 378.0m RKB 200.0mm 1468.0m RKB.
SAMPLE INTERVALS	:	780m to 1035m @ 5m Intervals 1 Set. 1350m – TD @ 5m Intervals 2 Sets. 1350m – TD Unwashed Spl 1 Set.
DRILLING FLUID	:	Surface Hole: Polymer Main Hole: Floc Water & Polymer.
WELL STATUS	:	Cased for Production Testing.
STRIKE AREA	:	South Great Slave Lake
REGION	:	NWT Mainland

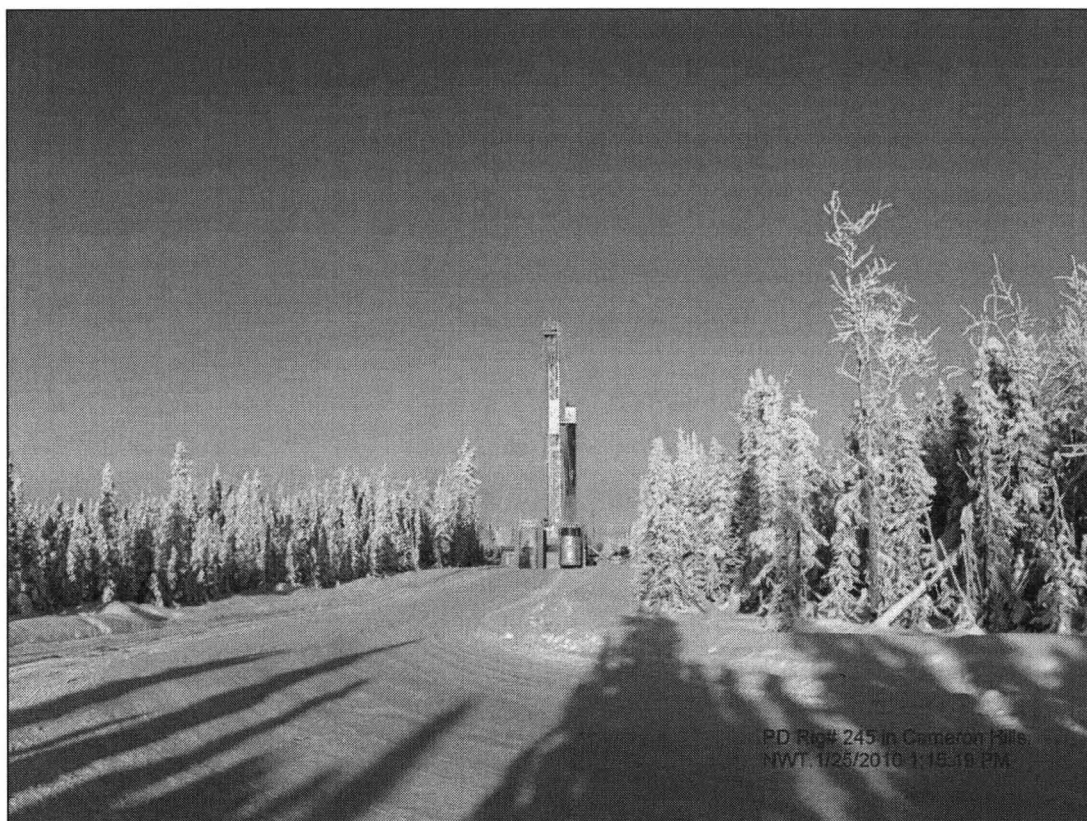


Photo 1: Precision Rig# 245 on Para Et Al Cameron H-06 Location.

WELL ABSTRACT

The **Para Et al Cameron H-06** well is located in Unit H, Section 06 and Grid 60° 10' 00" N and 117° 30' 00" W at the surface co-ordinates of 60° 05' 18.2" N and 117° 30' 23.2" W6 of Cameron Hills in Northwest Territory.

The proposed **Cameron H-06** well is a part of an extensive drilling program. The well is proposed to drill vertically as a new delineation well. Paramount Resources Ltd. retained the services of **Precision Drilling** Rig# 245.

The primary objective is to penetrate the prognosticated heavy hydrocarbon bearing zones in the limestone and dolomite sections of the **Sulphur Point** formation. The Secondary target is to investigate the prospective and possibilities of commercial hydrocarbon in the **Slave Point** Formation. In addition to the above objectives, the well are to validate the seismic picking of the reservoirs, to specify the time to depth conversion with the seismic data and to learn more about the complex reservoir characteristic of these formations in the Cameron Hills.

The well is spudded at 23:15hrs on the January 16, 2010. Drilling of 311mm hole from surface to 378m is completed using one rock bit in 31.0 on bottom bit hours. During drilling at 141m RKB a lost circulation is encountered and return mud are received around the cellar. A cement plug is set from 28m to 141m. Top cement jobs around cellar and false conductor are completed. 219.1mm surface casings are run in setting the shoe at 378m and cemented with Sanjel as per program. Polymer mud is used for drilling the surface hole.

200mm main hole drilling reached the TD - 1468m RKB (-705.0m SS) into the **Muskeg** Formation at 21:30hrs of January 31, 2010. Total 114.25 on bottom bit hours are consumed using two rock bits. A total lost circulation zone is encountered at 560m RKB in the **Wabamun** formation. Blind drilling is continued to covering the entire **Wabamun** formation and +/-40m in the **Fort Simpson** formation to 752m RKB. Two cement plugs are set between 752m to 627m and 663m to 553m respectively. Drilling of the main hole started with Floc Water mud and eventually weighted up and converted to Gel Chem mud from 945m. The mud is again converted to Polymer mud from 1200m RKB as to get better hole condition. At TD section, the hole is circulated clean before POOH. A wiper trip is performed and a Hi-vis pill being pumped before POOH to run in wireline logs. The open hole logging is completed by Weatherford Logging Services. Run# 1: STI/SPeD/CNS/GR/MRT/HBC/CAL tools are run in. The production casings 139.7mm are run in and shoe is set at 1468.0m RKB

The Geological target tops and bases of the well, hydrocarbon bearing zones and formations are encountered very much closed to the prognosis. After comprehensive studies of ditch cuttings, gas shows, co-relation with offset wells and well logs the formation tops are identified. The geology section in the Strip Log gives a brief representation of the individual stratigraphic formations.

The **Sulphur Point** limestone section is identified at 1389.0m RKB (-626.0m SS) and followed by the dolomite section at 1407.0m RKB (-644.0m SS). The dolomite section is 26.5m thick. This section is 12.5m thicker than the expected prognosis thickness and enhanced better reservoir properties. The **Sulphur Point** formation is 44.50m thick overlying on the **Muskeg** formation. Maximum 342/31 units formation gas is recorded in the limestone section with positive natural sample fluorescence. 425/31 units and 345/31 units formation gas are recorded in the dolomite section with oil shows are encountered in the dolomite section.

The **Slave Point** Formation is anticipated at 1326.50m RKB (-563.50m SS) and is 48.50m thick. Maximum 219/31 units and 275/31 units formation gases are noticed with positive natural sample fluorescence during drilling in this formation.

From ditch cuttings, gas shows and from the quick look interpretation of electrical logs **Sulphur Point** Limestone section possesses good reservoir properties with a little tight porosities. The dolomitic section possesses excellent reservoir properties unlike the other wells in the Cameron Hills. The dolomite section is more porous where as the limestone section. **The Slave Point** looks to be very prominent from the porosity, gas shows and sample fluorescence showing better reservoir potentialities for commercial production on of gas.

The well is for cased for production testing with viable possibilities of commercial production from limestone sections of both the **Slave Point** and the **Sulphur Point** formations. The dolomite section possesses all the properties for commercial hydrocarbon production. Further evaluation and detail studies are proposed.

FORMATION TOPS

FORMATION	PROGNOSIS TOPS		SAMPLE TOPS		COMMENTS
MSL – RKB: 763.0m	m TVD	m SubSea	m TVD	m SubSea	m Isopach
Wabamun FM	533.00	230.00	532.50	230.50	166.50
Jean Marie Mbr	699.00	64.00	699.00	64.00	6.00
Fort Simpson Fm	706.00	57.00	705.00	58.00	110.50
Twin Falls Fm	818.00	-55.00	815.50	52.50	157.00
Hay River Fm	979.00	-216.00	972.50	-209.50	329.50
Beaverhill Lake Fm	1312.00	-549.00	1302.00	-539.00	24.50
Slave Point Fm	1335.00	-572.00	1326.50	-563.50	48.50
F4 Marker Fm	1377.00	-614.00	1375.00	-612.00	7.50
Watt Mountain Fm	1384.00	-621.00	1382.50	-619.50	6.50
Sulphur Pt Ls Fm	1392.00	-629.00	1389.00	-626.00	18.00
Sulphur Pt Dol	1402.00	-639.00	1407.00	-644.00	26.50
Muskeg Fm	1416.00	-653.00	1433.50	-670.50	34.50
Total Depth	1437.00	-674.00	1468.00	-705.00	-

FORMATION EVALUATION

Slave Point Formation
Paleozoic, Middle Devonian
Age: 370 million years
Well: Para Et Al Cameron H-06

The Middle Devonian, Slave Point Formation consists of cream, dark brown, light yellowish brown and oil stained limestone interbedded occasionally with lenses of finely crystalline dolomites and intercalated with dark brownish grey shale fragments which possibly occur as thin shale laminae or lenses. The Formation is overlain by the Upper Devonian cyclical limy shale beds argillaceous limestone and argillaceous micrities of Beaverhill Lake formation, and conformably underlain by Fort Vermilion Formation.

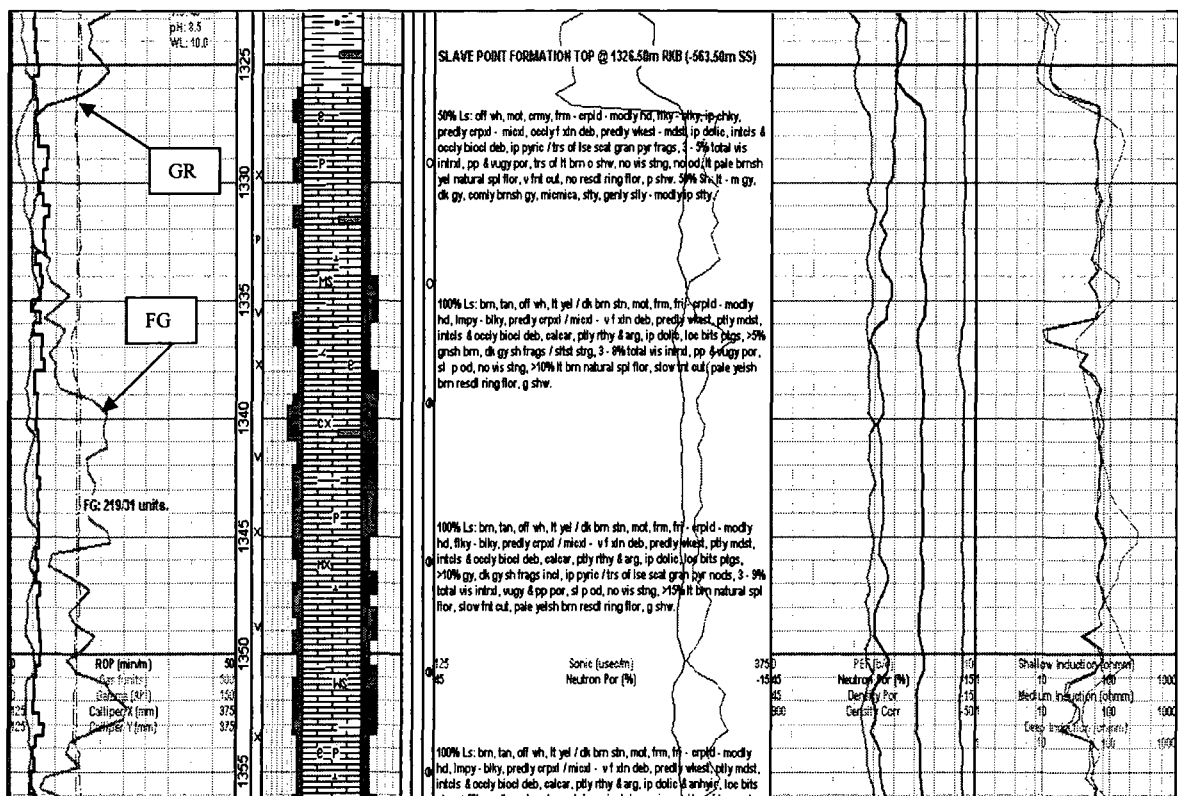


Figure 1: Striplog of Slave Point Formation.

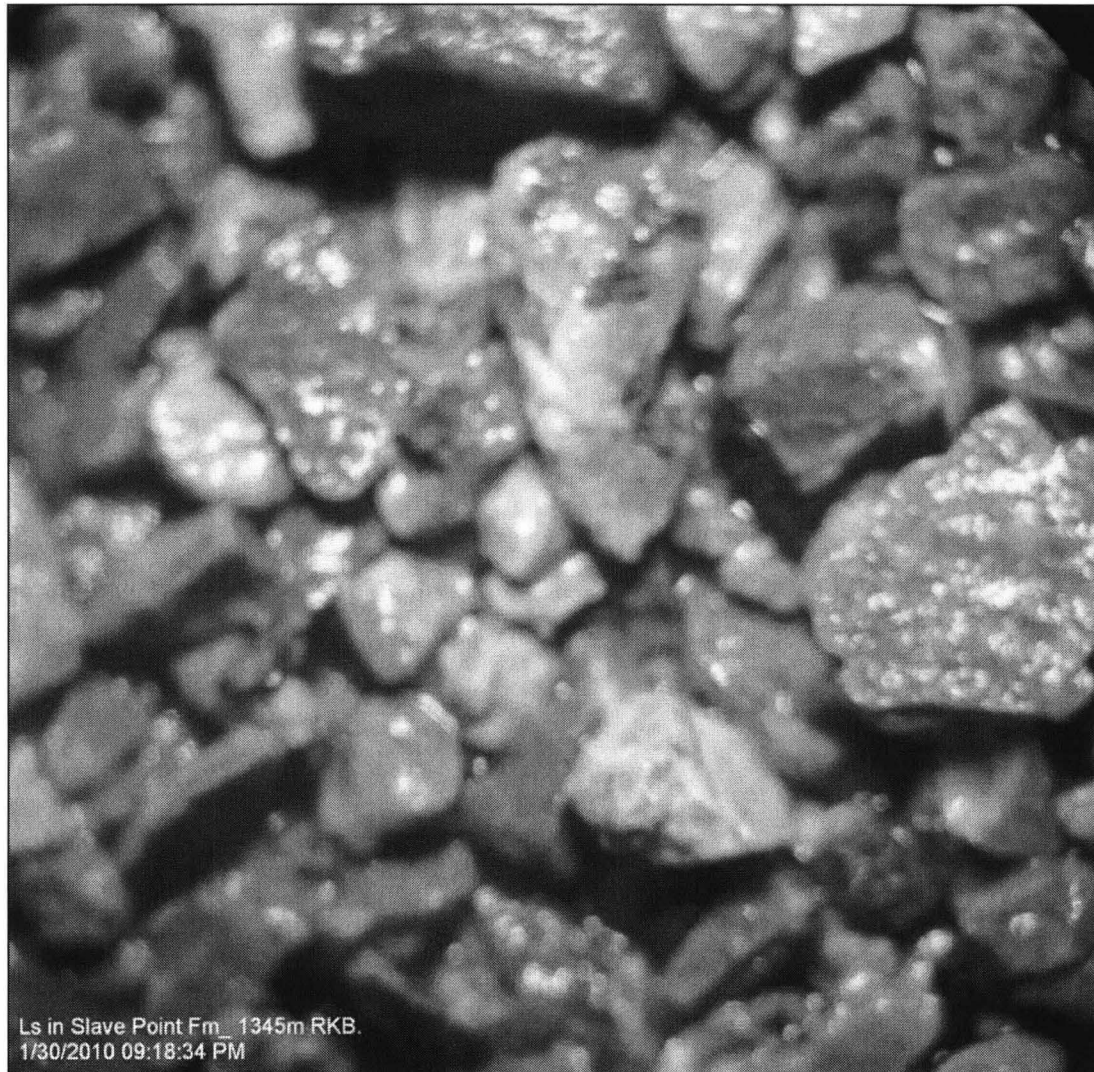


Photo 2: Ls in Slave Point Fm_1345m RKB.

The **Slave Point** Formation is picked up and identified at 1326.50m RKB (-563.50m SS) from the change of average ROP from 20m/hr to an average 15m/hr, typical light yellowish brown to dark brown limestone and with the anticipation of formation gas increase.

The **Slave Point** anticipated is 48.5m thick with its typical light yellowish brown to dark brown limestone, interbedded with thin shale laminae and often intercalated with thin lenses of fine crystalline dolomites. The top section is tight varying from 3 – 5% porosities and the middle section from 1338m to 1346m is more porous varying from 4 - 8% total scattered visible porosities. Maximum 219/31 units and 275/31 units formation gases recorded against 1345.5m and 1357.5m respectively. The porosity tightens with the increases of the depth and faded to almost 3% due to increase of chalky, earthy dense argillaceous limestone.

The limestones encountered in the **Slave Point** are off white, mottled, creamy, light yellow with dark brown stain. They are crumpled to moderately hard and predominately blocky with some sub blocky grains. Smooth to gritty very sharp texture resembles to cryptocrystalline group. Partly microcrystalline with a few fine crystalline grains are noticed. They are predominately wackestone to packstone, intraclasts & occasionally bioclastic debris and partly calcarenite. They are partly earthy & argillaceous, rarely in part dolomitic, Traces of fine crystalline dolomite are commonly noticed all through the section with traces to maximum 10% greenish brown, dark grey shale fragments with siltstone stringers.

Moderate petroleum odor are noticed all through the section with >15% light brown natural sample fluorescence, slow faint cut, pale yellowish brown residual ring fluorescence, good show. From 1338m to 1346m RKB possesses good reservoir properties with 5 - 9% total scattered visible intracrystalline, pin point and vuggy porosity.

From the ditch cuttings properties, gas and florescence shows and quick look interpretation of electrical logs the **Cameron H-06** looks to be very much prospective as such the well is cased for production testing. Commercial production is possible from this zone. Further studies are proposed.

FORMATION EVALUATION

Sulphur Point Formation

Middle Paleozoic, Devonian

Age: 370 million years

Well: Para Et Al Cameron H-06

The Paleozoic, Middle Devonian, Sulphur Point Formation conformably separates the overlying from greenish shale of the Watt Mountain from the underlying anhydritic and dolomitic Muskeg formations. The limestone part of the formation is picked up with the end of greenish shaley deposit of the Watt Mountain formation.

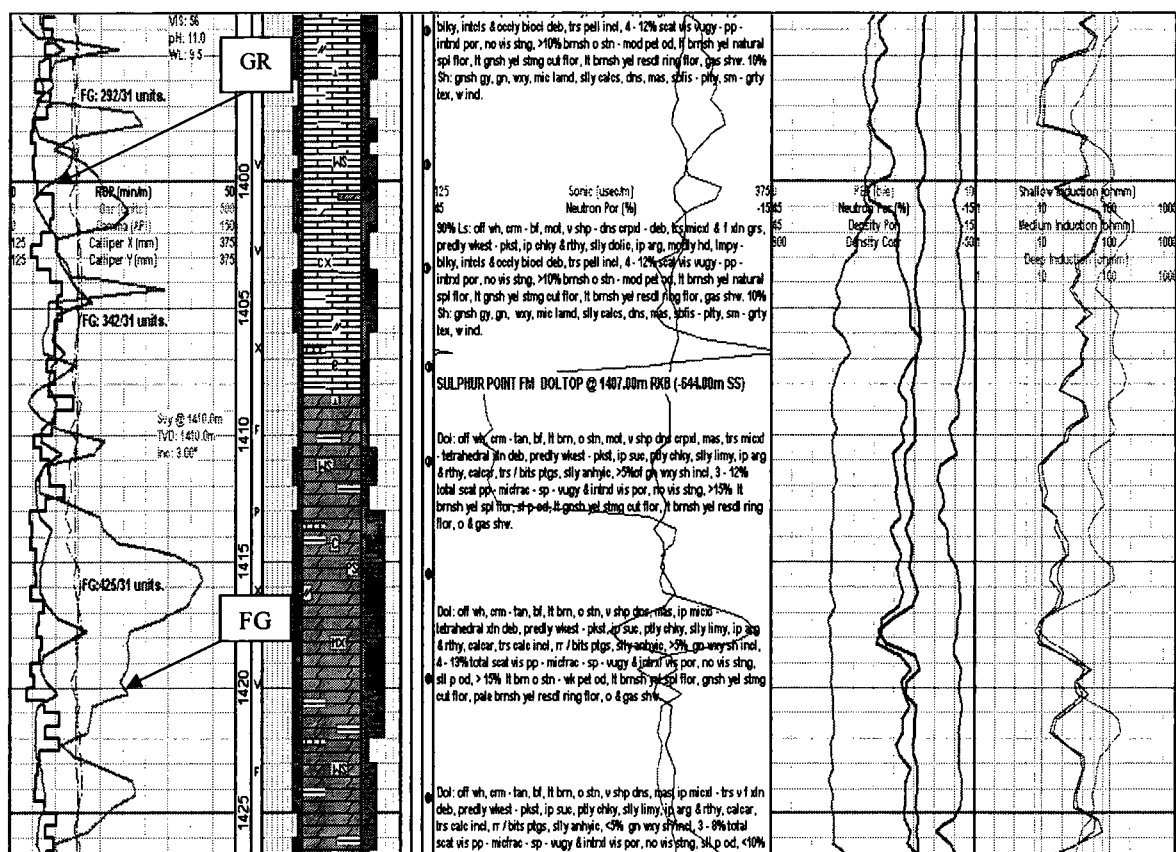


Figure 2: Striplog of Sulphur Point Formation.



Photo 3: Ls in Sulphur Point Fm_ 1400m RKB.



Photo 4: Dol in Sulphur Point Fm_1420m RKB.

The limestone part of the **Sulphur Point** is identified by comparatively slower ROP and change of drill cuttings from greenish shale to limestone. The formation encountered at 1389.0m RKB (-626.0m SS). First six meters from 1389m to 1395 are covered with shale or argillaceous limestone deposition and tight. Co-relation with the offset wells is the other criteria for identifying this formation. ROPs are comparatively slower 8.5 min/m from that of the overlying **Watt Mountain** formation 6.5 min/m which is anticipated at 1382.50m RKB (-619.50m SS). The limestone section is 18.0m thick.

The limestones are off white, cream to buff, mottled, color with dark brownish stain. They are generally very sharp to dense cryptocrystalline with some microcrystalline to crystalline debris and crumple to moderately hard, lumpy to blocky, Predominately they are subblocky to blocky and wackestone to packstone texture. They are slightly dolomitic, intraclasts & occasionally bioclastic debris, traces pelletoidal inclusion. They are chalky in parts and slightly earthy and slightly argillaceous. Traces to maximum 10%, greenish to greenish brown shale fragments are anticipated which possibly occur as thin laminae.

Slight to moderate petroleum odor with maximum 15% brownish yellow natural fluorescence are noticed in the limestone section. Usually they possess no visible staining, traces of light brown oil show, light brownish yellow natural light brownish yellow natural sample fluorescence; light greenish yellow streaming cut fluorescence, light brownish yellow residual ring fluorescence, gas show. Total scattered visible porosity varies between 3 – 9%.

The dolomitized part of the **Sulphur Point** Formation is separated from the overlying of limestone part and underlying **Muskeg** Formation. Presence of dolomite is the main criteria of identifying this section. In general ROP varied between 5.8min/m to 10.6min/m other than in the fine crystalline porous intercalation where ROP are a little faster. The Dolomite section of the **Sulphur Point** Formation is encountered at 1407m RKB (-644.00m SS). The section is 28.5m thick overlying on the cyclic deposition of anhydride and dolomites of the **Muskeg** formation.

In the top section the dolomites are coarsely crystalline and in general they are of off white, cream to tan, buff, light brown, oil stained. They are predominately very sharp dense, massive, in part microcrystalline to tetrahedral crystalline debris, with abundant of cryptocrystalline debris, in part sucrosic. Usually they are crumpled to moderately hard, blocky to subblocky, smooth to gritty, dense and massive. They are partly earthy & chalky and slightly argillaceous. They are partly ratty, predominately wackestone & packstone texture. Traces of fine crystalline limestone grains are also noticed in the dolomite section which possibly intercalated as thin laminae or lenses. Thin waxy green shale grains are common. Total scattered pin point to micro fracture to spot to vuggy & intracrystalline visible porosity varies between 4 to 13%. More than 15% light brown oil stain to weak petroleum odor, light brownish yellow sample

fluorescence; greenish yellow streaming cut fluorescence, pale brownish yellow residual ring fluorescence leads to the symptoms of presence of, oil & gas deposition.

The lower dolomite section are more of chalky and ratty mudstone to packstone structures and slightly anhydritic. This section seems to be tighter than the upper section and total scattered visible pin point to micro fracture to spot to vuggy & intracrystalline porosity varies between 3 – 9%. Maximum 425/31 units and 345/31 units formation gases are recorded in the upper and lower dolomite section respectively. About 20% oil stained cuttings with brownish yellow natural sample fluorescence, 15% light brown oil stain to weak petroleum odor, light brownish yellow sample fluorescence, greenish yellow streaming cut fluorescence, pale brownish yellow residual ring fluorescence are noticed leading to the symptoms of presence of heavy hydrocarbon.

The upper **Sulphur Point** limestone and dolomite sections possess all the potentiality and characteristics of a good commercial hydrocarbon reservoir and seem to be commercially productive. The well is cased for commercial production as such a cased hole DST may be performed in the interval of 1427m to 1434m RKB and 1409m to 1414m RKB. Further detail studies and evaluations of the **Sulphur Point** formation are proposed.

DAILY DRILLING SUMMARY

(Morning Report @ 07:00 Hrs)

January 17, 2010	Midnight Depth: 141m
Completed rig up. Pick up Bit# 1, 311mm, Varel, HE04JMRSV, Sr. No. 253625, 18.0 Jets on a stiff drilling assembly and run in hole. Pre-spud safety meeting. Spud the well at 23:15hrs. Spud mud is Gel Chem of 1015 kg/m ³ , FV: 24 sec/l and pH: 8.0. Drilling of surface hole from 0m to 98m. Conduct surveys. Continue drilling.	

January 18, 2010	Midnight Depth: 170m
Continue drilling surface hole from 98m to 141m. Encounter lost circulation. Pump LCM pill. POOH. Cement job with Sanjel. Cement False Conductor. WOC.	

January 19, 2010	Midnight Depth: 360m
WOC. Pick up Kelly tag cement at 28m. Clean out cement and POOH. Conduct top cement job around Cellar with Sanjel. WOC. Pick up Bit# 1RR1 on a stiff assembly and clean out to bottom. Resume drilling of 311mm surface hole from 141m to 246m. Conduct surveys.	

January 20, 2010	Midnight Depth: 378m
Continue drilling of 311mm surface hole from 246m to 351m RKB. Circulation and mud conditioning to 1100 kg/m ³ ; FV: 49 sec/l and pH: 9.0. Strap out of hole. Strapping depth is 350.93m. RIH with the same bit and BHA. Resume drilling and drill down to 378m RKB - TD of the surface hole. Circulation and mud conditioning. Wiper trip to 187m. Circulation and mud conditioning at TD.	

January 21, 2010	Midnight Depth: 378m
Circulation and mud conditioning. Trip out of hole. Safety meeting with casing hands. RIH of 219mm surface casings. Circulation and mud conditioning through the casing string to 1130 kg/m ³ , FV: 52 sec/l and FV: 8.0. Cement job with Sanjel. WOC. Cut, weld and dress casing string. Nipples up BOP stack.	

January 22, 2010 **Midnight Depth: 532m**

Nipples up BOP stack from scratch. Pressure tests of BOPs and surface equipments. Pick up a new Bit#1, 200mm on a stiff BHA and RIH.

January 23, 2010 **Midnight Depth: 695m**

RIH with a new PDC 200mm, Varel Bit# 1, VTD513HX, Sr. No. 4000297, 10.3x5 jets bit on a stiff drilling assembly. Drill out cement, float and shoe. Start drilling of 200mm main hole from 378m to 560m RKB. Encounter lost circulation zone. No return. Continue blind drilling to 597m RKB. Drilling suspended at 597m. Build up mud volume.

January 24, 2010 **Midnight Depth: 752m**

Build up mud volume at 597. Resume blind drilling with no return from 597m to 705. Drilling is stopped at 627m, 650m, 657m as to build up mud volume. 1058m3 is pumped down the hole in drilling from 560m to 705m RKB.

January 25, 2010 **Midnight Depth: 752m**

Build up mud volume at 705m. Resume blind drilling with no returns from 705m to 752m. POOH. RIH with open ended drill pipe to bottom. Set cement Plug# 1 between 752m to 627m with Sanjel. POOH to surface casing shoe depth. Circulation and mud conditioning. WOC. Tag cement at 663m RKB. Set cement Plug# 2 between 663m to 553m. POOH to 365m. Circulation and mud conditioning. WOC. Slip and cut drill line.

January 26, 2010 **Midnight Depth: 947m**

WOC. RIH with Bit# 2RR1 on a stiff drilling assembly. Tag cement at 536m. Circulation and mud conditioning. TG at 536 is 466/73 units. Drill out cement from 536m to 724m. Cement drilling continued.

January 27, 2010 **Midnight Depth: 1143m**

Drill out cement from 724m to 752m. Drilling of 200mm hole from 752m to 1040m. Conduct surveys.

January 28, 2010 **Midnight Depth: 1189m**

Drilling of 200mm hole from 1040m to 1124m. Circulate to raise viscosity prior to conduct a short trip – failed. Resume drilling and drill down to 1143m. Circulation and mud conditioning to 1110 kg/m3, FV: 32 sec/l and pH: 10.5. Short trip to 750m. Trip gas is 275/34 units. Resume drilling and drill down to 1175m.

January 29, 2010**Midnight Depth:1245m**

Continue drilling from 1175m to 1183m. Bit got balled. Circulation and mud conditioning. Bit trip. Trip gas 255/29 units. Displace Gel Chem mud with Polymer mud. Resume drilling from 1183m and drill down to 1222m.

January 30, 2010**Midnight Depth:1382m**

Continue drilling from 1222m to 1245m. Bit balled. Circulation and mud conditioning to 1090 kg/m³, FV: 62 sec/l, pH: 9.0 and WL: 15 cm³. POOH. RIH with a new tri-cone 200mm Reed Bit# 3, Ro9AM, Sr. No. KB1119, 15.9x3 jets on a stiff drilling assembly. Break circulation and drill down to 1246m. Circulation and mud conditioning is continued.

January 31, 2010**Midnight Depth:1468m**

Circulation and mud conditioning. Resume drilling from 1246m and drill down to 1423m. Conduct surveys. Encounter intermittent pump pressure problems while drilling fluctuating from 500 to 2000 kPa.

February 01, 2010**Midnight Depth:1468m**

Continue drilling from 1423m to 1450m. Circulation & mud conditioning to 1090 kg/m³, FV: 186 sec/l, pH: 10.5 & WL: 9.0 cm³. Strap out of hole to BHA depth. RIH and ream down from 1429m to bottom. Trip gas is 365/64 units. Resume drilling and drill down to 1468m – TD of the well reached at 21:30hrs. Circulation and mud conditioning. POOH for logging with Weatherford. Logging.

February 02, 2010**Midnight Depth:1468m**

Logging. Run# 1: STI/SPeD/CNS/GR/MRT/HBC/CAL tools. Rig down Weatherford logging tools and equipments. RIH with hole cleaning assembly. Circulation at TD. Trip gas is 505/62 units. Mud conditioning to 1090 kg/m³, FV: 82 sec/l, pH: 13 and WL: 13.0 cm³. POOH. RIH of 139.7mm production casings. RIH of casings continued.

February 03, 2010**Midnight Depth:1468m**

RIH of casings to 95m. POOH casings and lay down the same as of wrong size centralizers. Wait on centralizers. RIH of production casings. Circulation and mud conditioning through the casings string. Trip gas at TD is 466/51 units. Pre-job safety meeting with Sanjel. Pressure test of cementing line. Cement with Sanjel. WOC. Nipple down BOPs.

SAMPLE DESCRIPTIONS

DRILLED SECTION FROM 00m – 1468.0m RKB

(Sampling Depth from 775m to 1140m & 1295m to TD)

775-785

80% Limestone: off white, light brown, buff, predominately cryptocrystalline with traces of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately mudstone with packstone texture, traces argillaceous mudstone, calcarenite, in part slightly dolomitic, partly earthy & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, in part pyritic, 3 to 4% total visible intracrystalline porosity with pin point porosity, no shows.

20% Shale: dark to blackish grey, greenish grey, micromicaceous in part, non to slightly calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous with traces disseminated carbonaceous specks.

785-795

80% Limestone: off white, light brown, buff, predominately cryptocrystalline with traces of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately mudstone with packstone texture, traces argillaceous mudstone, calcarenite, in part slightly dolomitic, partly earthy & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, in part pyritic, 3 to 4% total visible intracrystalline porosity with pin point & vuggy porosity, no shows.

20% Shale: dark to blackish grey, greenish grey, micromicaceous in part, non calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous with traces disseminated carbonaceous specks.

795-800

80% Limestone: off white, light brown, buff, predominately cryptocrystalline with traces of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately

mudstone with packstone texture, traces argillaceous mudstone, calcarenite, in part slightly dolomitic, partly earthy & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, in part pyritic, 3 to 4% total visible intracrystalline porosity with pin point & vuggy porosity, no shows.

20% Shale: dark to blackish grey, greenish grey, micromicaceous in part, non calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous with traces disseminated carbonaceous specks.

800-810

60% Shale: medium grey, dark grey, commonly greenish grey, micromicaceous, moderately silty, micro laminated on darker & harder fraction, non calcareous, dense, massive, smooth to gritty texture, well indurated, partly dull earthy texture, moderately hard, occasionally micro to thinly laminated, slightly sideritic, partly carbonaceous with traces of disseminated carbonaceous specks, traces sandstone & siltstone stringers, trace loose sandstone grains with trace of siltstone stringers, occasionally pyritic, in part fossiliferous.

40% Limestone: off white, light brown, buff, predominately cryptocrystalline with traces of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately mudstone with packstone texture, traces argillaceous mudstone, 3% total visible intracrystalline porosity with pin point porosity, no shows.

810-815.5

70% Shale: medium grey, dark grey, greenish grey, micromicaceous, moderately silty, micro laminated on darker & harder fraction, non calcareous, dense, massive, smooth to gritty texture, well indurated, partly dull earthy texture, moderately hard, in part micro to thinly laminated, slightly sideritic, partly carbonaceous with traces of disseminated carbonaceous specks, traces sandstone & siltstone stringers, trace loose sandstone grains with trace of siltstone stringers, occasionally pyritic, in part fossiliferous.

30% Limestone: off white, white, light brown, buff, predominately cryptocrystalline with abundant of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately mudstone with packstone & wackestone texture, traces argillaceous mudstone, 3% total visible intracrystalline porosity with pin point porosity, no shows.

TWIN FALLS FM TOP @ 815.50m RKB (-52.50m SS)

- 815.5-820 60% **Shale:** medium grey, dark grey, greenish grey, micromicaceous, moderately silty, micro laminated on darker & harder fraction, non calcareous, dense, massive, smooth to gritty texture, well indurated, partly dull earthy texture, moderately hard, in part micro to thinly laminated, slightly sideritic, partly carbonaceous with traces of disseminated carbonaceous specks, traces sandstone & siltstone stringers, trace loose sandstone grains with trace of siltstone stringers, occasionally pyritic, in part fossiliferous.
40% **Limestone:** white, off white, light brown, buff, predominately cryptocrystalline with abundant of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately mudstone with packstone & wackestone texture, traces argillaceous mudstone, 3% total visible intracrystalline porosity with pin point porosity, no shows.
- 820-830 60% **Limestone:** off white, light brown, buff, predominately cryptocrystalline with traces of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately mudstone with packstone texture, traces argillaceous mudstone, calcarenite, in part slightly dolomitic, partly earthy & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, in part pyritic, 3% total visible intracrystalline porosity with pin point & rare vuggy porosity, no shows.
40% **Shale:** grey, brownish grey, greenish grey, micromicaceous in part, non calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous with traces disseminated carbonaceous specks, partly dull earthy texture.
- 830-840 60% **Limestone:** off white, light brown, buff, predominately cryptocrystalline with traces of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately mudstone with packstone texture, traces argillaceous mudstone, calcarenite, in part slightly dolomitic, partly earthy & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, in part pyritic, 3% total visible intracrystalline porosity with pin point & rare vuggy porosity, no shows.
40% **Shale:** grey, brownish grey, greenish grey, micromicaceous in part, non calcareous, subblocky to blocky, subfissile to sub platy,

smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous with traces disseminated carbonaceous specks, partly dull earthy texture.

840-850

50% Limestone: off white, light brown, buff, predominately cryptocrystalline with traces of microcrystalline debris, occasionally fine crystalline grainy grains inclusion, predominately mudstone with packstone texture, traces argillaceous mudstone, calcarenite, in part slightly dolomitic, partly earthy & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, in part pyritic, 3-4% total visible intracrystalline porosity with pin point & rare vuggy porosity, no shows.

50% Shale: grey, brownish grey, greenish grey, micromicaceous in part, non calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous with traces disseminated carbonaceous specks, partly dull earthy texture.

850-860

80% Limestone: off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, traces argillaceous mudstone & chalky debris, in part biostromal, calcarenite, in part slightly dolomitic, partly earthy & ratty & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, 3 to 5% total visible intracrystalline porosity with vuggy porosity, no shows.

20% Shale: grey, brownish to greenish grey, in part micromicaceous, non calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous with traces disseminated carbonaceous specks, partly dull earthy texture.

860-870

80% Limestone: off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, traces argillaceous mudstone & chalky debris, in part biostromal, calcarenite, in part slightly dolomitic, partly earthy & ratty & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, 3 to 5% total visible intracrystalline porosity with vuggy porosity, no shows.

20% Shale: grey, brownish to greenish grey, in part micromicaceous, non calcareous, subblocky to blocky, subfissile to

sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, partly dull earthy texture, occur as thin laminae.

870-880

80% **Limestone:** off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, traces argillaceous mudstone & chalky debris, in part biostromal, calcarenite, in part slightly dolomitic, partly earthy & ratty & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, 3 to 5% total visible intracrystalline porosity with vuggy porosity, no shows.

20% **Shale:** grey, brownish to greenish grey, in part micromicaceous, non calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, partly dull earthy texture, occur as thin laminae, in part fossiliferous.

880-890

90% **Limestone:** off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, traces argillaceous mudstone & chalky debris, in part biostromal, calcarenite, in part slightly dolomitic, partly earthy & ratty & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, 3 to 5% total visible intracrystalline porosity with vuggy porosity, no shows.

10% **Shale:** grey, brownish to greenish grey, in part micromicaceous, non calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, partly dull earthy texture, occur as thin laminae.

890-900

90% **Limestone:** off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, traces argillaceous mudstone & chalky debris, in part biostromal, calcarenite, in part slightly dolomitic, partly earthy & ratty & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, 3 to 5% total visible intracrystalline porosity with vuggy porosity, no shows.

10% **Shale:** grey, brownish to greenish grey, in part micromicaceous, non calcareous, subblocky to blocky, subfissile to

sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, partly dull earthy texture, in part fossiliferous.

900-910

60% Limestone: off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, traces argillaceous mudstone & chalky debris, in part biostromal, calcarenite, in part slightly dolomitic, partly earthy & ratty & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, 3 to 5% total visible intracrystalline porosity with vuggy porosity, no shows.

40% Shale: greenish grey, grey, brownish grey, in part micromicaceous, non calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, partly dull earthy texture, occur as thin laminae.

910-920

50% Limestone: off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, traces argillaceous mudstone & chalky debris, in part biostromal, calcarenite, in part slightly dolomitic, partly earthy & ratty & argillaceous, firm to crumpled to moderately hard, blocky to subblocky, commonly loose grains to predominately peloids, 3 to 5% total visible intracrystalline porosity with vuggy porosity, no shows.

50% Shale: greenish grey, grey to brownish grey, in part micromicaceous, slightly calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard, partly carbonaceous, partly dull earthy texture, occur as thin laminae, in part fossiliferous.

920-930

70% Shale: greenish grey, grey to brownish grey, in part micromicaceous, slightly calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, well indurated, in part dull earthy texture, occur as thin laminae, partly silty, occasionally pyretic with traces of loose scattered granular pyrite fragments, in part fossiliferous.

30% Limestone: off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, calcarenite, in part slightly dolomitic, firm to crumpled to moderately hard, commonly loose grains to predominately

peloids, 3 to 4% total visible intracrystalline porosity with vuggy porosity, no shows.

930-940

60% Limestone: off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, calcarenite, in part slightly dolomitic, firm to crumpled to moderately hard, commonly loose grains to predominately peloids, 3 to 4% total visible intracrystalline porosity with vuggy porosity, no shows.

40% Shale: greenish grey, grey to brownish grey, in part micromicaceous, slightly calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, well indurated, in part thin laminae, partly silty, occasionally pyretic with traces of loose scattered granular pyrite fragments, in part fossiliferous.

940 to 950

60% Shale: greenish grey, grey to brownish grey, in part micromicaceous, slightly calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, well indurated, in part dull earthy texture, occur as thin laminae, partly silty, occasionally pyretic with traces of loose scattered granular pyrite fragments, in part fossiliferous.

40% Limestone: off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, calcarenite, in part slightly dolomitic, firm to crumpled to moderately hard, commonly loose grains to predominately peloids, 3 to 4% total visible intracrystalline porosity with vuggy porosity, no shows.

950-960

50% Shale: greenish grey, grey to brownish grey, in part micromicaceous, slightly calcareous, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, well indurated, in part dull earthy texture, occur as thin laminae, partly silty, occasionally pyretic with traces of loose scattered granular pyrite fragments, in part fossiliferous.

50% Limestone: off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, calcarenite, in part slightly dolomitic, firm to crumpled to moderately hard, commonly loose grains to predominately

peloids, 3 to 4% total visible intracrystalline porosity with vuggy porosity, no shows.

960-972.5

70% Shale: greenish grey, grey to brownish grey, in part micromicaceous, slightly calcareous, slightly calcareous, dense, massive, subblocky to blocky, subfissile to sub platy, smooth to gritty texture, in part laminated, moderately hard to hard, conchoidal to angular break, partly carbonaceous, well indurated, in part dull earthy texture, partly silty, occasionally pyretic with traces of loose scattered granular pyrite fragments, in part fossiliferous.

30% Limestone: off white, light brown, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, calcarenite, in part slightly dolomitic, occur as thin laminae, commonly loose grains to predominately peloids, 3 to 4% total visible intracrystalline porosity with vuggy porosity, no shows.

HAY RIVER FM TOP @ 982.00m RKB (-219.00m SS)

972.5-980

80% Shale: greenish grey, grey, brownish grey, micromicaceous, generally slightly to moderately silty, micro laminated on darker & harder fraction, calcareous, dense, massive, amorphous to blocky, fissile to platy, smooth to gritty texture, well indurated, partly dull earthy, firm to moderately hard, in part thinly laminated, slightly sideritic, partly carbonaceous, >5% siltstone stringers inclusion, in part fossiliferous.

20% Limestone: off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, slightly dolomitic, occur as thin laminae, traces argillaceous mudstone & chalky debris, partly earthy & argillaceous, 3% total visible intracrystalline porosity with vuggy porosity, no shows.

980-990

80% Shale: greenish grey, grey, brownish grey, micromicaceous, generally slightly to moderately silty, micro laminated on darker & harder fraction, calcareous, dense, massive, amorphous to blocky, fissile to platy, smooth to gritty texture, well indurated, partly dull earthy, firm to moderately hard, in part thinly laminated, slightly

sideritic, partly carbonaceous, >5% siltstone stringers inclusion, in part fossiliferous.

20% **Limestone:** off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, slightly dolomitic, occur as thin laminae, traces argillaceous mudstone & chalky debris, partly earthy & argillaceous, 3% total visible intracrystalline porosity with vuggy porosity, no shows.

990-1000

80% **Shale:** greenish grey, grey, brownish grey, micromicaceous, generally slightly to moderately silty, micro laminated on darker & harder fraction, calcareous, dense, massive, amorphous to blocky, fissile to platy, smooth to gritty texture, well indurated, partly dull earthy, firm to moderately hard, in part thinly laminated, slightly sideritic, partly carbonaceous, >5% siltstone stringers inclusion, in part fossiliferous.

20% **Limestone:** off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, slightly dolomitic, occur as thin laminae, traces argillaceous mudstone & chalky debris, partly earthy & argillaceous, 3% total visible intracrystalline porosity with vuggy porosity, no shows.

1000-1010

90% **Shale:** greenish grey, grey, brownish grey, micromicaceous, generally slightly to moderately silty, micro laminated on darker & harder fraction, calcareous, dense, massive, amorphous to blocky, fissile to platy, smooth to gritty texture, well indurated, partly dull earthy, firm to moderately hard, in part thinly laminated, slightly sideritic, partly carbonaceous, >5% siltstone stringers inclusion, in part fossiliferous.

10% **Limestone:** off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, slightly dolomitic, occur as thin laminae, traces argillaceous mudstone & chalky debris, partly earthy & argillaceous, maximum 3% total visible intracrystalline porosity with vuggy porosity, no shows.

1010-1020

90% **Shale:** greenish grey, grey, brownish grey, micromicaceous, generally slightly to moderately silty, micro laminated on darker & harder fraction, calcareous, dense, massive, amorphous to blocky, fissile to platy, smooth to gritty texture, well indurated, partly dull earthy, firm to moderately hard, in part thinly laminated, slightly

sideritic, partly carbonaceous, >5% siltstone stringers inclusion, in part fossiliferous.

10% **Limestone:** off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, slightly dolomitic, occur as thin laminae, traces argillaceous mudstone & chalky debris, partly earthy & argillaceous, maximum 3% total visible intracrystalline porosity with vuggy porosity, no shows.

1010-1020

90% **Shale:** greenish grey, grey, brownish grey, micromicaceous, generally slightly to moderately silty, micro laminated on darker & harder fraction, calcareous, dense, massive, amorphous to blocky, fissile to platy, smooth to gritty texture, well indurated, partly dull earthy, farm to moderately hard, in part thinly laminated, slightly sideritic, partly carbonaceous, >5% siltstone stringers inclusion, in part fossiliferous.

10% **Limestone:** off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, slightly dolomitic, occur as thin laminae, traces argillaceous mudstone & chalky debris, partly earthy & argillaceous, maximum 3% total visible intracrystalline porosity with vuggy porosity, no shows.

1020-1030

90% **Shale:** greenish grey, grey, brownish grey, micromicaceous, generally slightly to moderately silty, micro laminated on darker & harder fraction, calcareous, dense, massive, amorphous to blocky, fissile to platy, smooth to gritty texture, well indurated, partly dull earthy, farm to moderately hard, in part thinly laminated, slightly sideritic, partly carbonaceous, >5% siltstone stringers inclusion, in part fossiliferous.

10% **Limestone:** off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, slightly dolomitic, occur as thin laminae, traces argillaceous mudstone & chalky debris, partly earthy & argillaceous, maximum 3% total visible intracrystalline porosity with vuggy porosity, no shows.

1030-1040

90% **Shale:** greenish grey, grey, brownish grey, micromicaceous, generally slightly to moderately silty, micro laminated on darker & harder fraction, calcareous, dense, massive, amorphous to blocky, fissile to platy, smooth to gritty texture, well indurated, partly dull earthy, farm to moderately hard, in part thinly laminated, slightly

sideritic, partly carbonaceous, >5% siltstone stringers inclusion, in part fossiliferous.

10% **Limestone:** off white, light brown, tan, predominately cryptocrystalline with traces of microcrystalline debris, predominately mudstone with partly packstone texture, in part biostromal, slightly dolomitic, occur as thin laminae, traces argillaceous mudstone & chalky debris, partly earthy & argillaceous, maximum 3% total visible intracrystalline porosity with vuggy porosity, no shows.

1295-1302

100% **Shale:** medium grey, dark grey, commonly greenish grey, micromicaceous, generally slightly to moderately in part silty, micro laminated on darker & harder fraction with fine silty partings, slightly calcareous, dense, massive, grading to mudstone, subblocky to blocky, fissile to platy, smooth to gritty texture, partly well indurated, partly dull earthy texture, firm to friable to moderately hard, occasionally micro to thinly laminated, slightly sideritic, partly carbonaceous with traces of disseminated carbonaceous specks, randomly oriented with biotite mica flakes, traces siltstone stringers, traces of argillaceous limestone, traces chert (?) fragments, in part fossiliferous.

BEAVERHILL LK FM TOP @ 1302.00m RKB (-539.00m SS)

1302-1310

100% **Shale:** medium grey, dark grey, commonly greenish grey, micromicaceous, generally slightly to moderately in part silty, micro laminated on darker & harder fraction with fine silty partings, slightly calcareous, dense, massive, grading to mudstone, subblocky to blocky, fissile to platy, smooth to gritty texture, partly well indurated, partly dull earthy texture, firm to friable to moderately hard, occasionally micro to thinly laminated, slightly sideritic, partly carbonaceous with traces of disseminated carbonaceous specks, randomly oriented with biotite mica flakes, >5% siltstone stringers, traces of argillaceous limestone, occasionally pyretic with traces of loose scattered granular pyrite fragments, traces chert fragments, in part fossiliferous.

1310-1320

100% **Shale:** light to medium grey, dark grey, commonly brownish grey, micromicaceous, silty, generally slightly to moderately in part silty, micro laminated on darker & harder fraction with fine silty partings, calcareous, partly grading to mudstone, subblocky to

blocky, fissile to platy, smooth to gritty texture, partly indurated, partly dull earthy texture, firm to friable to moderately hard, occasionally micro to thinly laminated, slightly sideritic, partly carbonaceous with traces of disseminated carbonaceous specks, randomly oriented with biotite mica flakes, <10% siltstone stringers, local grading silty shale, traces of argillaceous limestone, occasionally pyretic with traces of loose scattered granular pyrite fragments.

1320-1326.5

100% Shale: light to medium grey, dark grey, commonly brownish grey, micromicaceous, silty, generally slightly to moderately in part silty, micro laminated on darker & harder fraction with fine silty partings, calcareous, partly grading to mudstone, subblocky to blocky, fissile to platy, smooth to gritty texture, partly indurated, partly dull earthy texture, firm to friable to moderately hard, occasionally micro to thinly laminated, slightly sideritic, partly carbonaceous with traces of disseminated carbonaceous specks, randomly oriented with biotite mica flakes, <10% siltstone stringers, local grading silty shale, traces of argillaceous limestone, occasionally pyretic with traces of loose scattered granular pyrite fragments.

SLAVE POINT FM TOP @ 1326.50m RKB (-563.50m SS)

1326.5-1335

50% Limestone: off white, mottled, creamy, firm to crumpled to moderately hard, flaky to blocky, in part chalky, predominately cryptocrystalline to microcrystalline, occasionally fine crystalline debris, predominately wackestone to mudstone, in part dolomitic, intraclasts & occasionally bioclastic debris, in part pyritic with traces of loose scattered granular pyrite fragments, 3 to 5% total visible intracrystalline, pin point & vuggy porosity, traces of light brown oil show, no visible staining, no odor, light pale brownish yellow natural sample fluorescence, very faint cut, no residual ring fluorescence, poor show.

50% Shale: light to medium grey, dark grey, commonly brownish grey, micromicaceous, silty, generally slightly to moderately in part silty.

1335-1345

100% Limestone: brown, tan, off white, light yellow with dark brown stain, mottled, firm, friable to crumpled to moderately hard, lumpy to blocky, predominately cryptocrystalline with

microcrystalline to very fine crystalline debris, predominately wackestone, partly mudstone, intraclasts & occasionally bioclastic debris, calcarenite, partly earthy & argillaceous, in part dolomitic, local bituminous partings, >5% greenish brown, dark grey shale fragments with siltstone stringer, 3 to 8% total visible intracrystalline, pin point & vuggy porosity, slight poor odor, no visible staining, >10% light brown natural sample fluorescence, slow faint cut, pale yellowish brown residual ring fluorescence, good show.

1345-1355

100% **Limestone:** brown, tan, off white, light yellow with dark brown stain, mottled, firm, friable to crumpled to moderately hard, flaky to blocky, predominately cryptocrystalline with microcrystalline to very fine crystalline debris, predominately wackestone, partly mudstone, intraclasts & occasionally bioclastic debris, calcarenite, partly earthy & argillaceous, in part dolomitic, local bituminous partings, >10% grey, dark grey shale fragments inclusion, in part pyritic with traces of loose scattered granular pyrite nodules, 3 to 9% total visible intracrystalline, vuggy & pin point porosity, slight poor odor, no visible staining, >15% light brown natural sample fluorescence, slow faint cut, pale yellowish brown residual ring fluorescence, good show.

1355-1365

100% **Limestone:** brown, tan, off white, light yellow with dark brown stain, mottled, firm, friable to crumpled to moderately hard, lumpy to blocky, predominately cryptocrystalline with microcrystalline to very fine crystalline debris, predominately wackestone, partly mudstone, intraclasts & occasionally bioclastic debris, calcarenite, partly earthy & argillaceous, in part dolomitic & anhydritic, local bituminous partings, >5% grey, dark grey, brownish grey shale fragments inclusion, traces pyritic grains with traces of loose scattered granular pyrite fragments, 3 to 8% total visible intracrystalline, vuggy & pin point porosity, slight poor odor, no visible staining, >15% light brown natural sample fluorescence, slow faint cut, pale yellowish brown residual ring fluorescence, good show.

1365-1375

100% **Limestone:** brown, tan, off white, light yellow with dark brown stain, mottled, firm, friable to crumpled to moderately hard, flaky to lumpy to blocky, predominately cryptocrystalline with traces microcrystalline debris, predominately wackestone, dense, massive, ratty to earthy, traces argillaceous mudstone & chalky debris, calcarenite, in part argillaceous & anhydritic, local bituminous partings, >5% grey, dark grey, brownish grey shale fragments inclusion, traces pyritic grains with traces of loose scattered granular pyrite nodules, 3 to 5% total visible

intracrystalline, vuggy & pin point porosity, no odor, no visible staining, <5% light brown natural sample fluorescence, hazy cut fluorescence, no shows.

F4 MARKER FM TOP @ 1375.00m MRKB (-612.00m SS)

1375-1382.5

60% **Limestone:** brown, tan, light yellow with dark brown stain, mottled, friable to crumpled to moderately hard, flaky to lumpy to blocky, predominately cryptocrystalline with microcrystalline debris, dolomitic limestone, 3 to 5% total visible intracrystalline, vuggy & pin point porosity, no odor, no visible staining, <5% light brown natural sample fluorescence, hazy cut fluorescence, no shows.

40% **Shale:** medium grey to brownish grey, slightly calcareous, micro laminated, sub blocky to blocky, well indurated, partly carbonaceous, traces inoceramus prism.

WATT MOUNTAIN FM TOP @ 1382.50m KB (-619.50m SS)

1382.5-1389

80% **Shale:** greenish grey, green, micromicaceous, micro laminated, slightly calcareous, dense, massive, amorphous to subfissile, partly platy, smooth to gritty texture, well indurated, partly dull earthy texture, predominately moderately hard, partly carbonaceous with traces of disseminated carbonaceous specks, traces of anhydrite inclusion.

20% **Limestone:** brown, tan, light yellow with dark brown stain, mottled, friable to crumpled to moderately hard, flaky to lumpy to blocky, predominately cryptocrystalline with microcrystalline debris, dolomitic limestone, 3 to 5% total visible intracrystalline, vuggy & pin point porosity, no odor, no visible staining, <5% light brown natural sample fluorescence, hazy cut fluorescence, no shows.

SULPHUR PT FM LS TOP @ 1389.00m RKB (-626.00m SS)

- 1389-1400 90% **Limestone:** off white, cream to buff, mottled, very sharp to dense cryptocrystalline to debris, traces microcrystalline & fine crystalline grains, predominately wackestone to packstone, in part chalky & earthy, slightly dolomitic, in part argillaceous, moderately hard, lumpy to blocky, intraclasts & occasionally bioclastic debris, traces pelletoidal inclusion, 4 to 12% scattered visible vuggy to pin point to intracrystalline porosity, no visible staining, >10% brownish oil stain to moderate petroleum odor, light brownish yellow natural sample fluorescence, light greenish yellow streaming cut fluorescence, light brownish yellow residual ring fluorescence, gas show.
10% **Shale:** greenish grey, green, waxy, micro laminated, slightly calcareous, dense, massive, subfissile to platy, smooth to gritty texture, well indurated.
- 1400-1408.5 90% **Limestone:** off white, cream to buff, mottled, very sharp to dense cryptocrystalline to debris, traces microcrystalline & fine crystalline grains, predominately wackestone to packstone, in part chalky & earthy, slightly dolomitic, in part argillaceous, moderately hard, lumpy to blocky, intraclasts & occasionally bioclastic debris, traces pelletoidal inclusion, 4 to 12% scattered visible vuggy to pin point to intracrystalline porosity, no visible staining, >10% brownish oil stain to moderate petroleum odor, light brownish yellow natural sample fluorescence, light greenish yellow streaming cut fluorescence, light brownish yellow residual ring fluorescence, gas show.
10% **Shale:** greenish grey, green, waxy, micro laminated, slightly calcareous, dense, massive, subfissile to platy, smooth to gritty texture, well indurated.

SULPHUR PT FM DOL TOP @ 1407.00m RKB (-644.00m SS)

- 1407-1415 100% **Dolomite:** off white, cream to tan, buff, light brown, oil stain, mottled, very sharp dense cryptocrystalline, massive, traces microcrystalline to tetrahedral crystalline debris, predominately wackestone to packstone, in part sucrosic, partly chalky, slightly limy, in part argillaceous & earthy, calcarenite, traces with

bituminous partings, slightly anhydritic, >5% of green waxy shale inclusion, 3 to 12% total scattered pin point to microfracture to spot to vuggy & intracrystalline visible porosity, no visible staining, >15% light brownish yellow sample fluorescence, slight poor odor, light greenish yellow streaming cut fluorescence, light brownish yellow residual ring fluorescence, oil & gas show.

1415-1425

100% **Dolomite**: off white, cream to tan, buff, light brown, oil stain, very sharp dense, massive, in part microcrystalline to tetrahedral crystalline debris, predominately wackestone to packstone, in part sucrosic, partly chalky, slightly limy, in part argillaceous & earthy, calcarenite, traces calcite inclusion, rare with bituminous partings, slightly anhydritic, >5% green waxy shale inclusion, 4 to 13% total scattered visible pin point to microfracture to spot to vuggy & intracrystalline visible porosity, no visible staining, slight poor odor, > 15% light brown oil stain to weak petroleum odor, light brownish yellow sample fluorescence, greenish yellow streaming cut fluorescence, pale brownish yellow residual ring fluorescence, oil & gas show.

1425-1433.5

100% **Dolomite**: off white, cream to tan, buff, light brown, oil stain, very sharp dense, massive, in part microcrystalline to traces very fine crystalline debris, predominately wackestone to packstone, in part sucrosic, partly chalky, slightly limy, in part argillaceous & earthy, calcarenite, traces calcite inclusion, rare with bituminous partings, slightly anhydritic, <5% green waxy shale inclusion, 3 to 8% total scattered visible pin point to microfracture to spot to vuggy & intracrystalline visible porosity, no visible staining, slight poor odor, <10% light brown oil stain to weak petroleum odor, light brownish yellow sample fluorescence, greenish yellow streaming cut fluorescence, pale brownish yellow residual ring fluorescence, poor show.

MUSKEG FORMATION TOP @ 1433.50m KB (-670.50m SS)

1435.5-1440

70% **Dolomite**: off white, cream to buff, tan, very sharp microcrystalline to fine crystalline debris, predominately grainstone to wackestone to packstone, in part grainy, partly chalky, slightly limy, slightly to very anhydritic, minor argillaceous & earthy, calcarenite, 3 to 5% total scattered visible intracrystalline to vuggy porosity, slight poor odor, traces light

brownish yellow natural sample fluorescence, hazy cut fluorescence, poor show.

30% **Anhydrite**: white, off white, brown to dark brown, hyaline, irregularly shaped, sharp, angular cryptocrystalline with traces microcrystalline, abundant of calcite inclusion.

1440-1450

60% **Anhydrite**: white, off white, brown to dark brown, hyaline, irregularly shaped, sharp, angular cryptocrystalline with traces microcrystalline, dense, abundant of calcite inclusion, traces of fine crystalline limestone with abundant of brownish grey to tan dolomite inclusion.

40% **Dolomite**: off white, cream to buff, tan, very sharp microcrystalline to fine crystalline debris, predominately grainstone to wackestone to packstone, in part grainy, partly chalky, slightly limy, slightly to very anhydritic, minor argillaceous & earthy, calcarenite, 3 to 5% total scattered visible intracrystalline to vuggy porosity, slight poor odor, traces light brownish yellow natural sample fluorescence, hazy cut fluorescence, poor show.

1450-1460

70% **Anhydrite**: white, off white, brown to dark brown, hyaline, irregularly shaped, sharp, angular cryptocrystalline with traces microcrystalline, dense, abundant of calcite inclusion, traces of fine crystalline limestone with abundant of brownish grey to tan dolomite inclusion.

30% **Dolomite**: off white, cream to buff, tan, very sharp microcrystalline to fine crystalline debris, predominately grainstone to wackestone to packstone, in part grainy, partly chalky, slightly limy, slightly to very anhydritic, minor argillaceous & earthy, calcarenite, 3 to 5% total scattered visible intracrystalline to vuggy porosity, slight poor odor, traces light brownish yellow natural sample fluorescence, hazy cut fluorescence, poor show.

1460-1668

60% **Anhydrite**: white, off white, brown to dark brown, hyaline, irregularly shaped, sharp, angular cryptocrystalline with traces microcrystalline dense, abundant of calcite inclusion, traces of fine crystalline limestone with abundant of brownish grey to tan dolomite inclusion.

40% **Dolomite**: off white, cream to buff, tan, very sharp microcrystalline to fine crystalline debris, predominately grainstone to wackestone to packstone, in part grainy, partly chalky, slightly limy, slightly to very anhydritic, minor argillaceous & earthy, calcarenite, 3 to 5% total scattered visible intracrystalline to vuggy porosity, slight poor odor, traces light

brownish yellow natural sample fluorescence, hazy cut
fluorescence, poor show.

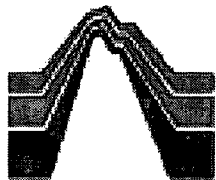
TD OF PARA ET AL CAMERON H-06.

DISTRIBUTION

The original and five (5) copies of the Geological Report on Para Et Al Cameron H-06 have been completed. The original and four (4) Copies will be forwarded to PARAMOUNT RESOURCES LTD. and "Moh & Associate Oilfield Consultants Ltd." will retain the remaining copy.

Respectfully

Moh Sahota, B. Sc. (Hons), M. Sc. Geology
President,
Moh & Association Oilfield Consultants Ltd.



Paramount
resources ltd.

Scale 1:240 (5"=100') Metric
Measured Depth Log

Well Name: PARA ET AL CAMERON H-06
Location: 100/H-06-6010-11730
License Number: 1221
Spud Date: Jan 16, 2010 @ 23:15 Hrs.
Surface Coordinates: Latitude: 60° 05' 18.2" North
Longitude: 117° 30' 23.2" West
Bottom Hole Coordinates: Latitude: 60° 05' 18.2" North
Longitude: 117° 30' 23.2" West
Ground Elevation (m): 758.40m K.B. Elevation (m): 763.0m
Logged Interval (m): 4.60m To: 1462.0m Total Depth (m): 1468.0m
Formation: Primary: Sulphur Point. Secondary: Slave Point.
Type of Drilling Fluid: Polymer, Floc Water, Gel Chem & Polymer.
Region: Cameron Hills, NWT
Drilling Completed: Jan 31, 2010 @ 21:30 H

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.co

OPERATOR

Company: Paramount Resources Ltd.
Address: 4700 Bankers Hall West
888 3rd Street S.W.
Calgary, AB T2P 5C5.

GEOLOGIST

Name: Azim Ahmed
Company: Moh and Associates Oilfield Consultants Ltd.
Address: 509, 206 - 7th Ave SW
Calgary, AB T2P 0W7.

Comments

- # The well is drilled as a vertical one and all depths are measured from RKB.
- # The well is drilled by Precision Drilling Rig# 245.
- # AFE# 09NO10004
- # A Total gas detector is used for gas detection.
- # Logging conducted by Weatherford.
- Run# 1: STI/SPeD/CNS/GR/MRT/HBC/CAL.
- # Neutron & Density porosity logs presented on a limestone and dolomite scales.
- # 139.7mm production casings are run in.

ROCK TYPES

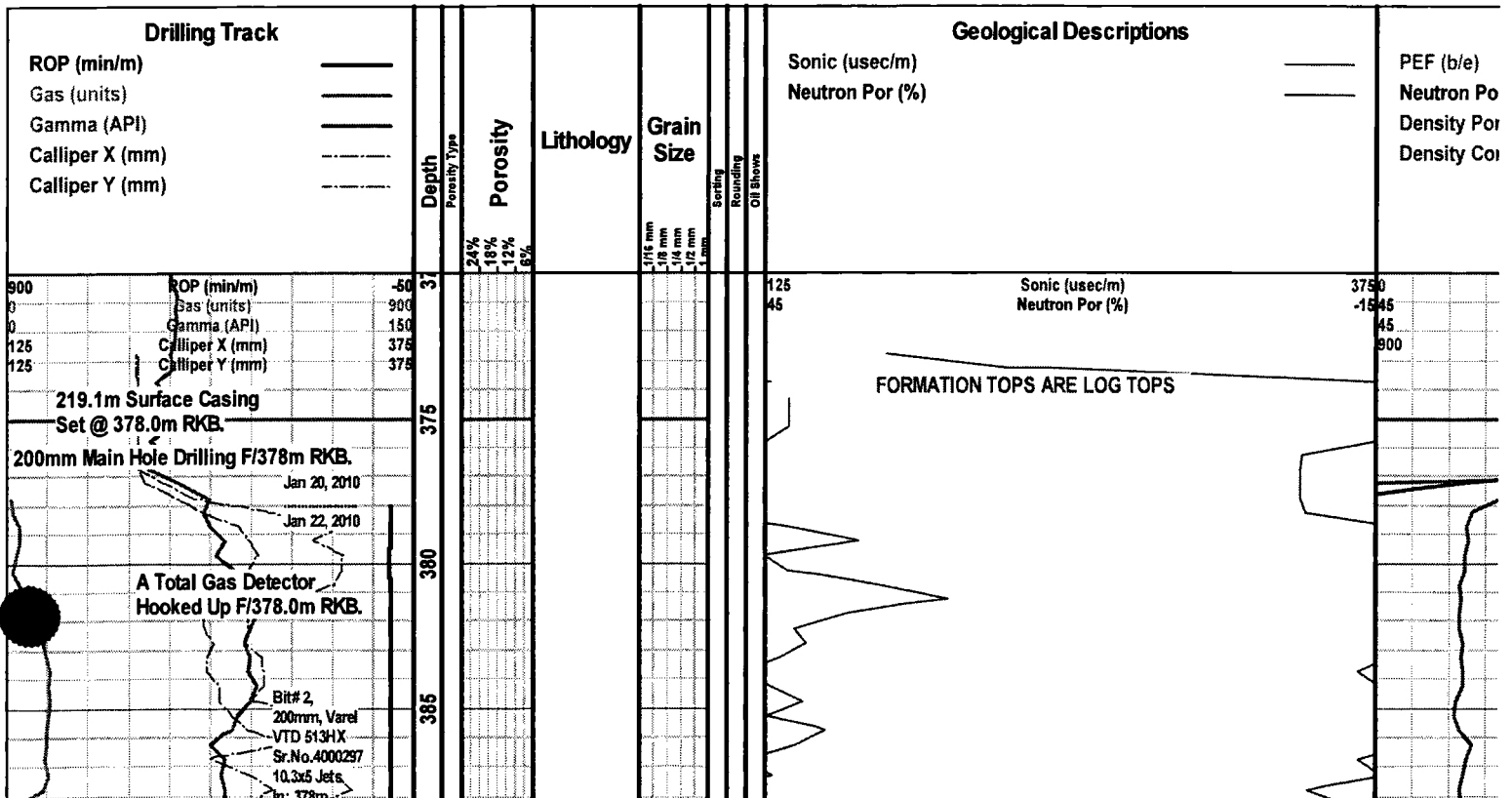
	Anhy		Clyst		Gyp		Mrlst		Shgy
	Bent		Coal		Igne		Salt		Sltst
	Brec		Congl		Lmst		Shale		Ss
	Cht		Dol		Meta		Shcol		Till

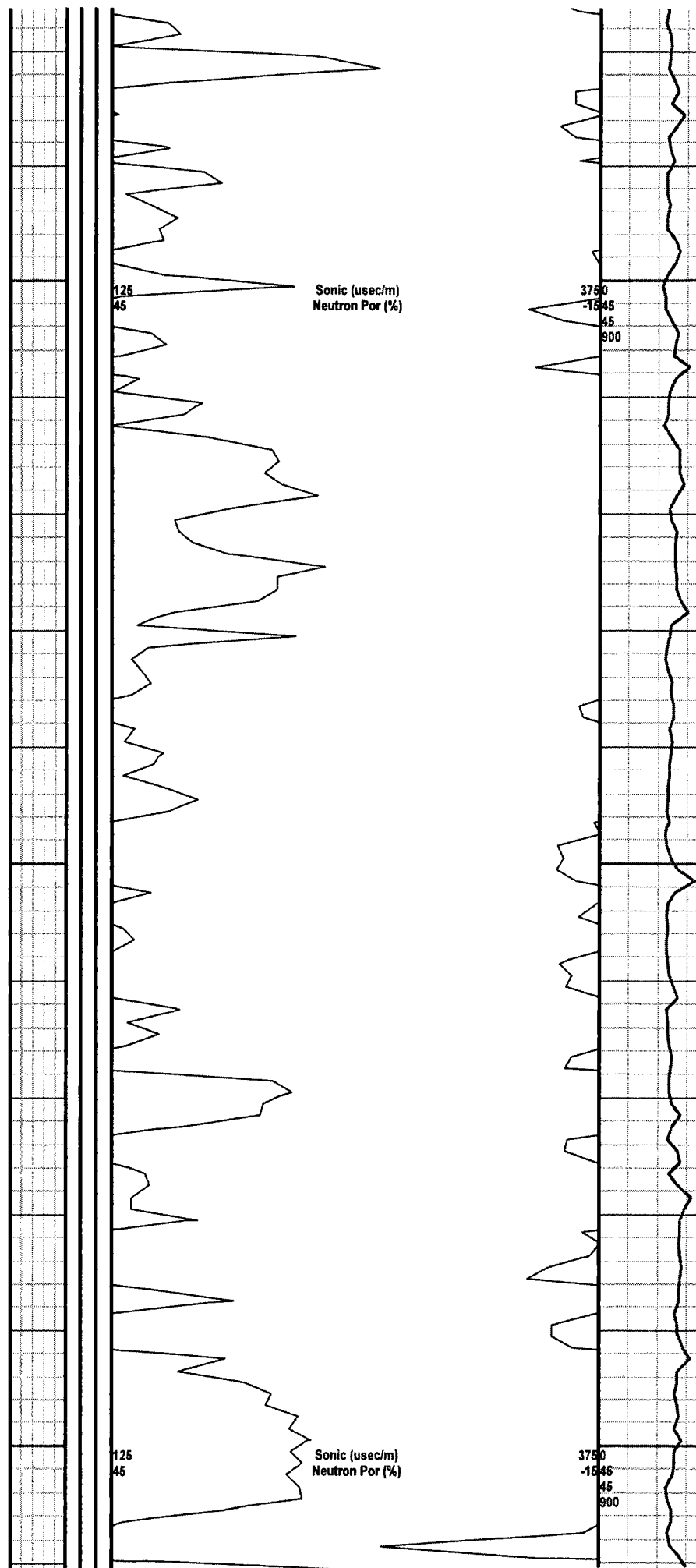
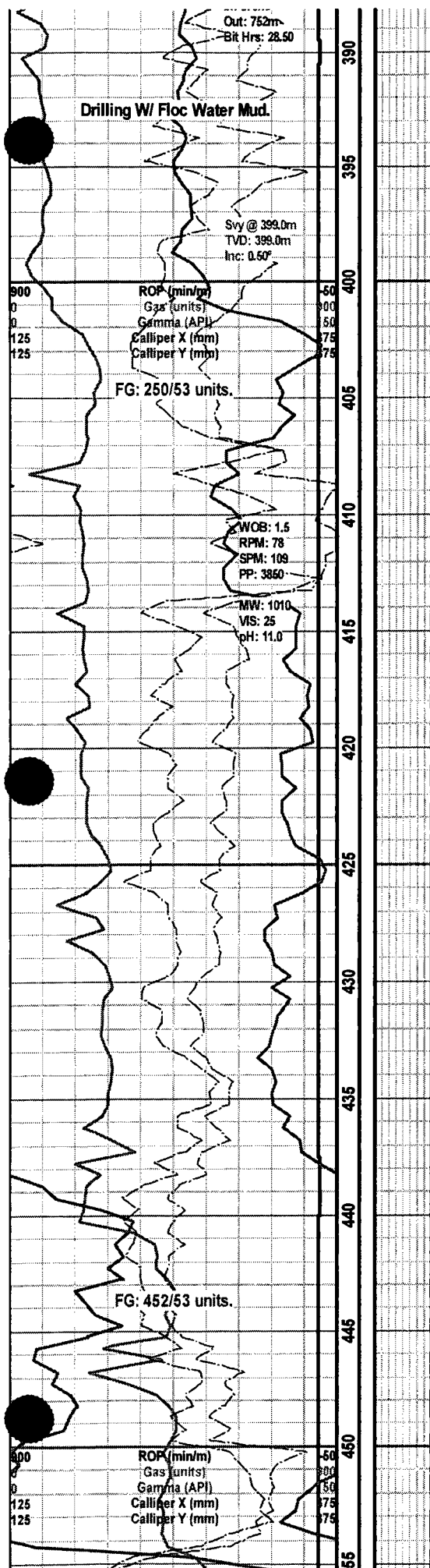
ACCESSORIES

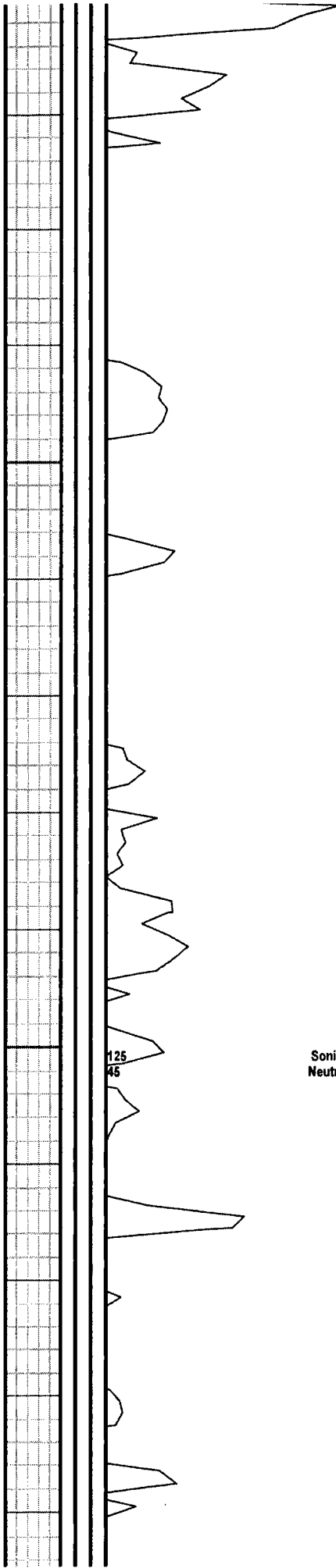
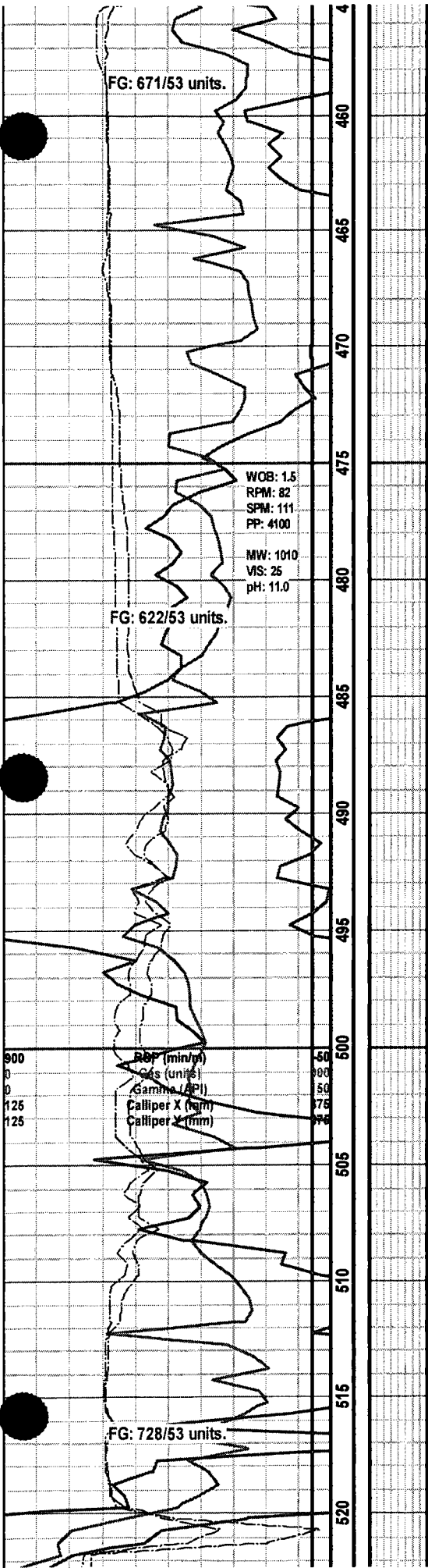
MINERAL			FOSSIL			TEXTURE
	Anhy		Gyp			
	Arggrn		Hvymin			
	Arg		Kaol			
	Bent		Marl			
	Bit		Minxi			
	Brecfrag		Nodule			
	Calc		Phos			
	Carb		Pyr			
	Chtdk		Salt			
	Chtlt		Sandy			
	Dol		Silt			
	Feldspar		Sil			
	Ferrpel		Sulphur			
	Ferr		Tuff			
	Glau					

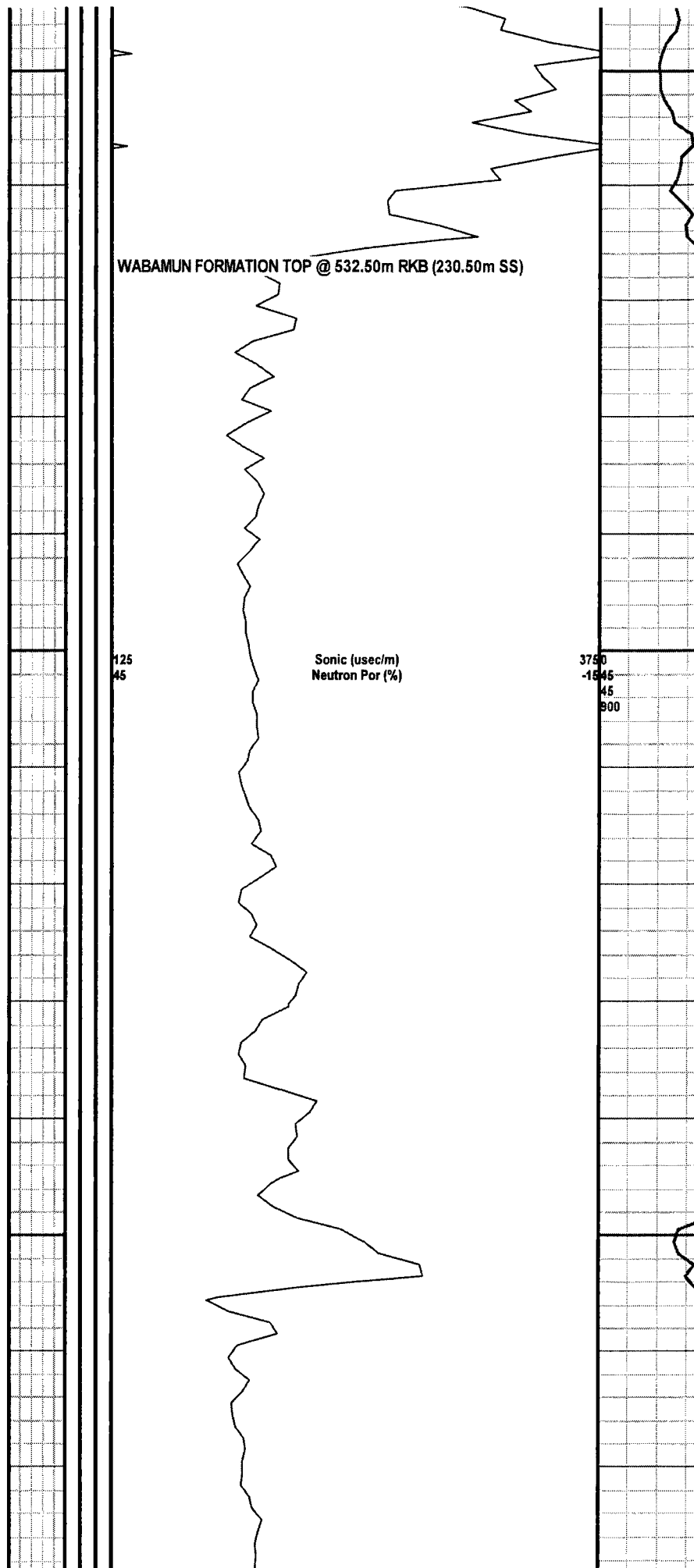
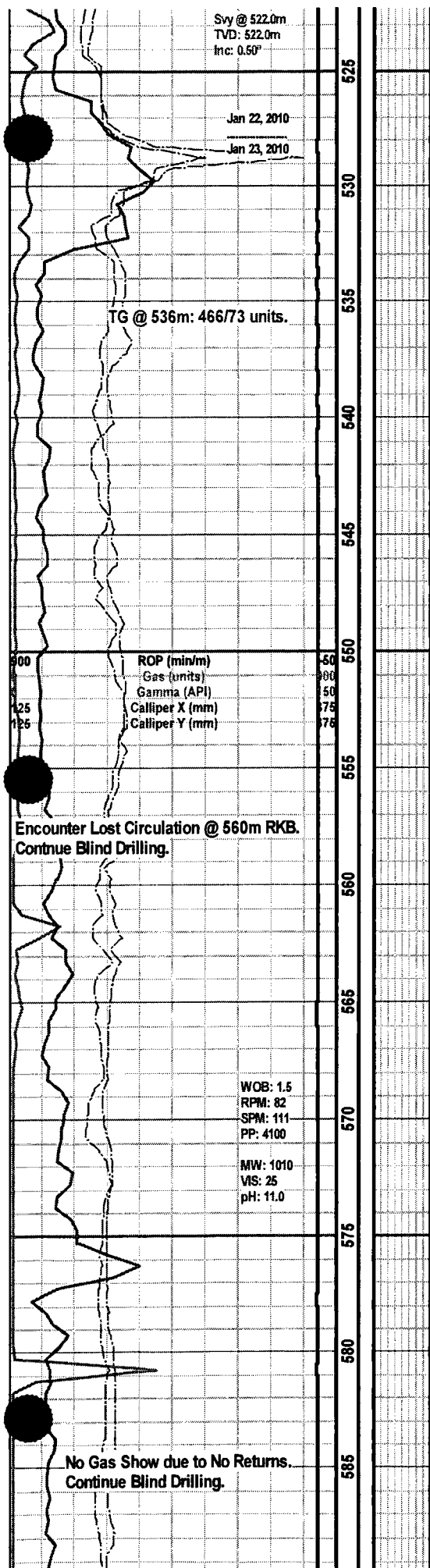
OTHER SYMBOLS

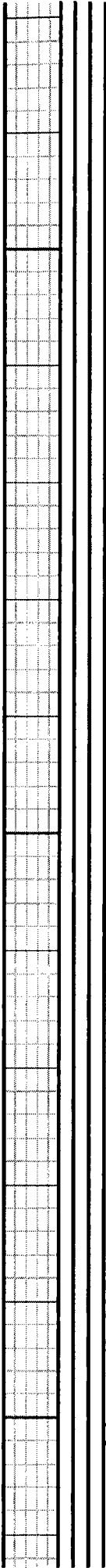
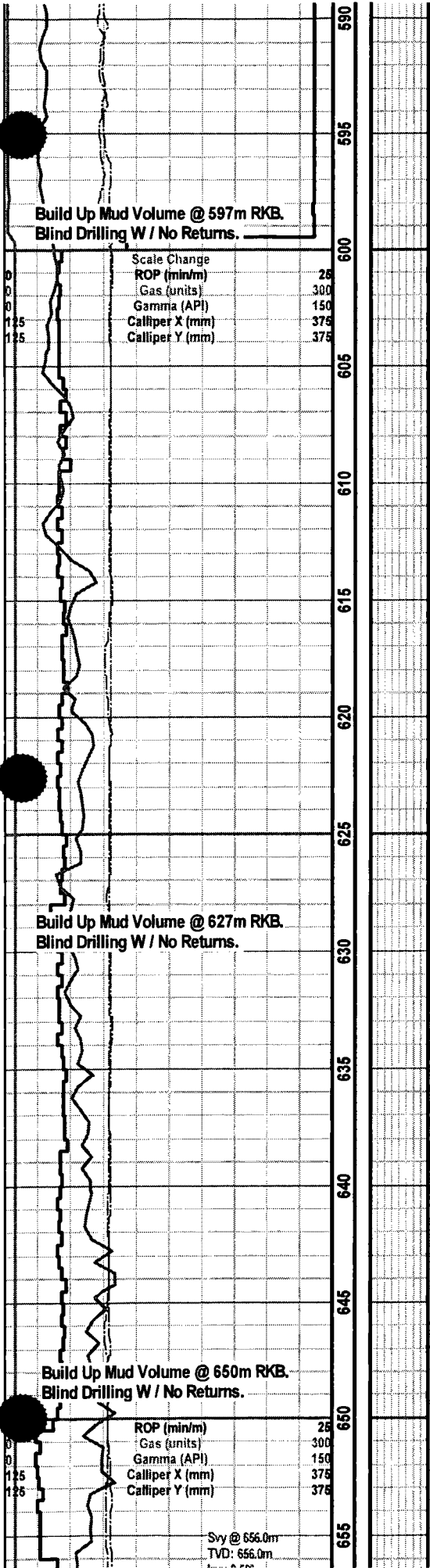
POROSITY			ROUNDING			EVENT
	Earthy		Vuggy		Spotted	
	Fenest				Ques	
	Fracture		Well		Dead	
	Inter		Moderate			
	Moldic		Poor			
	Organic					
	Pinpoint					



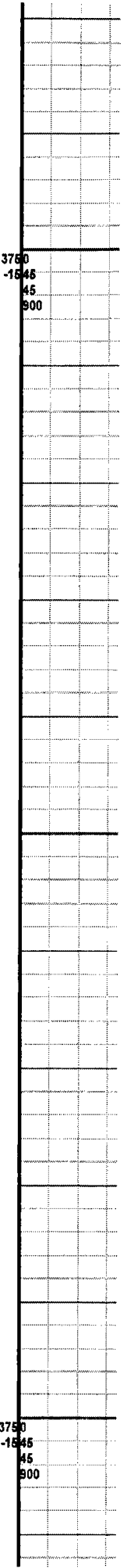


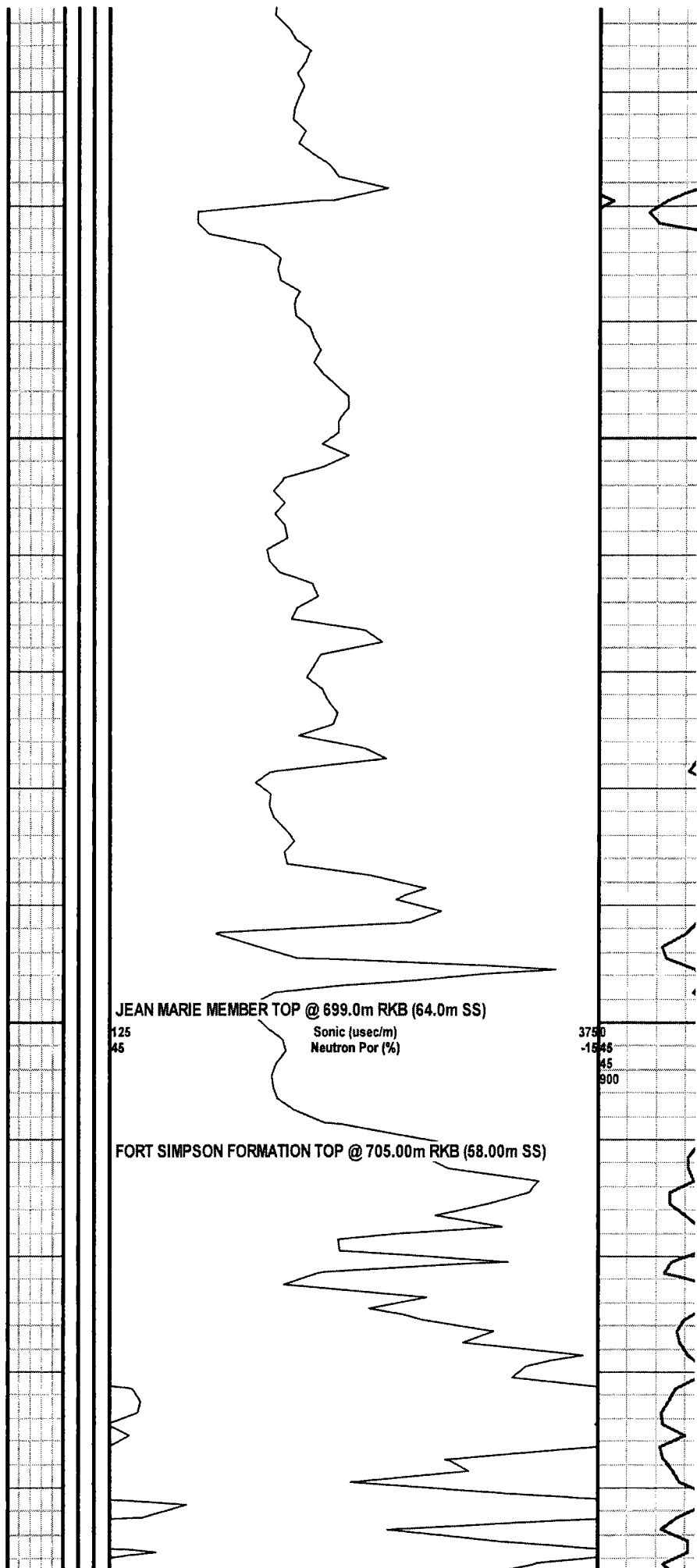
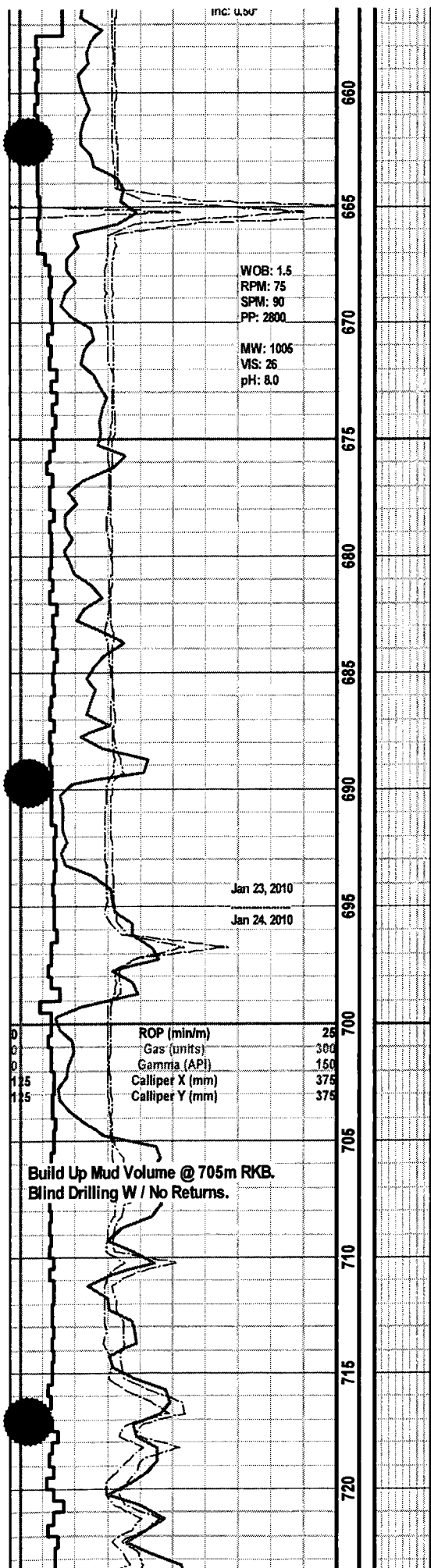


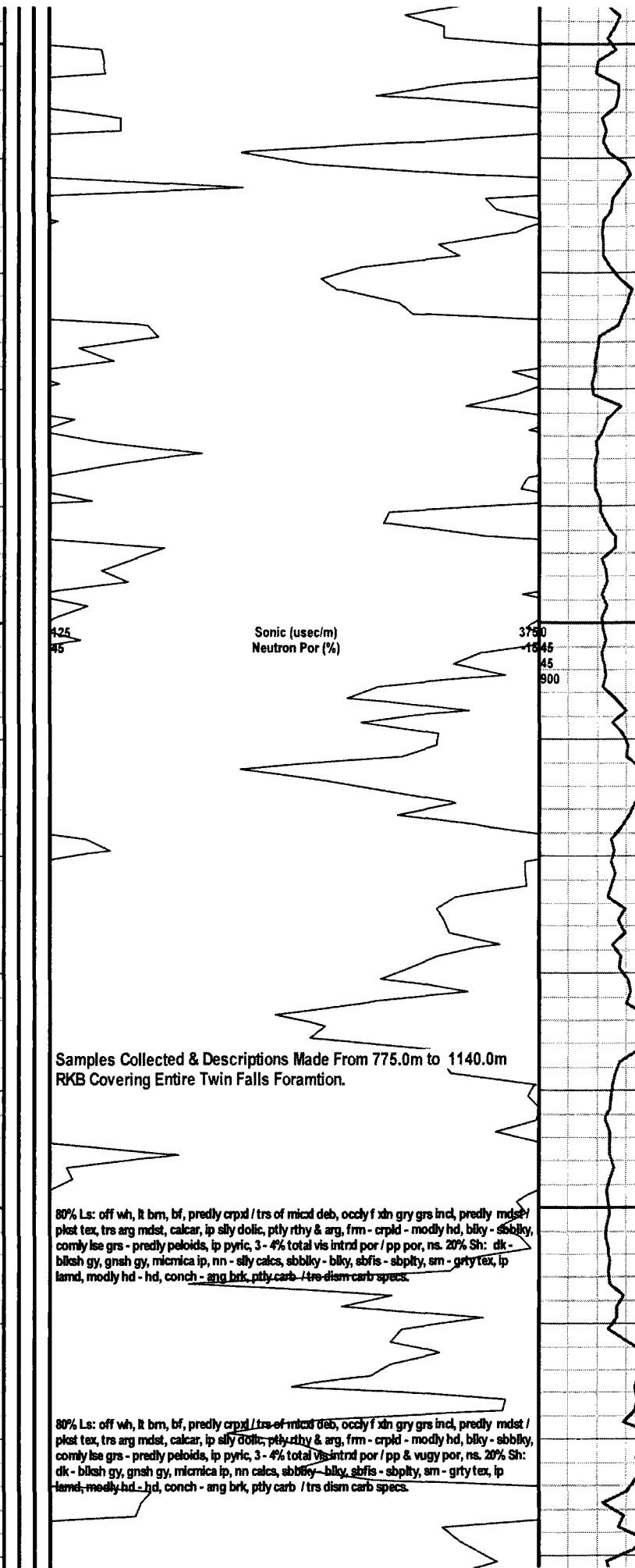
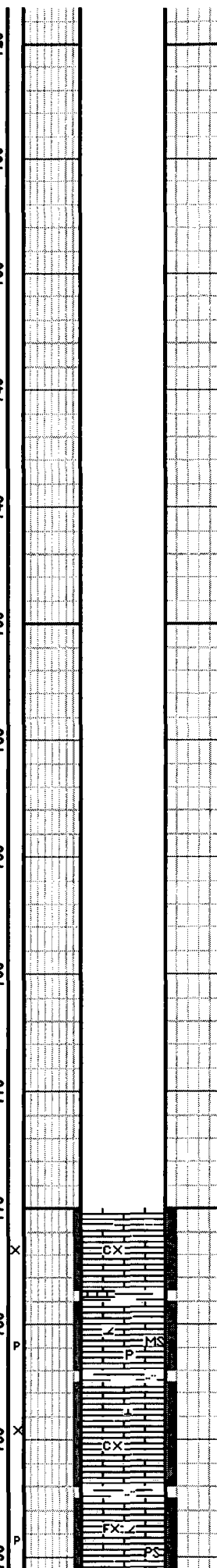
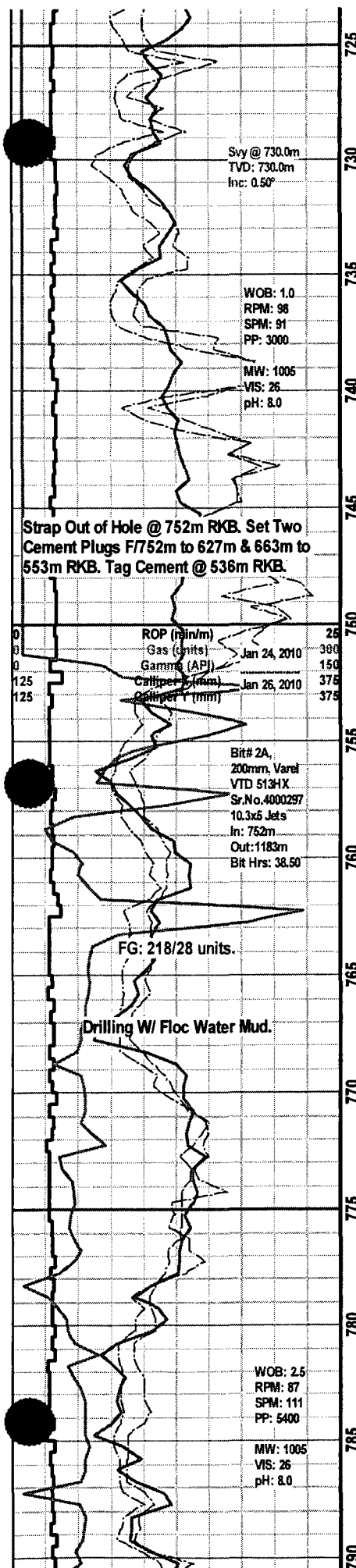


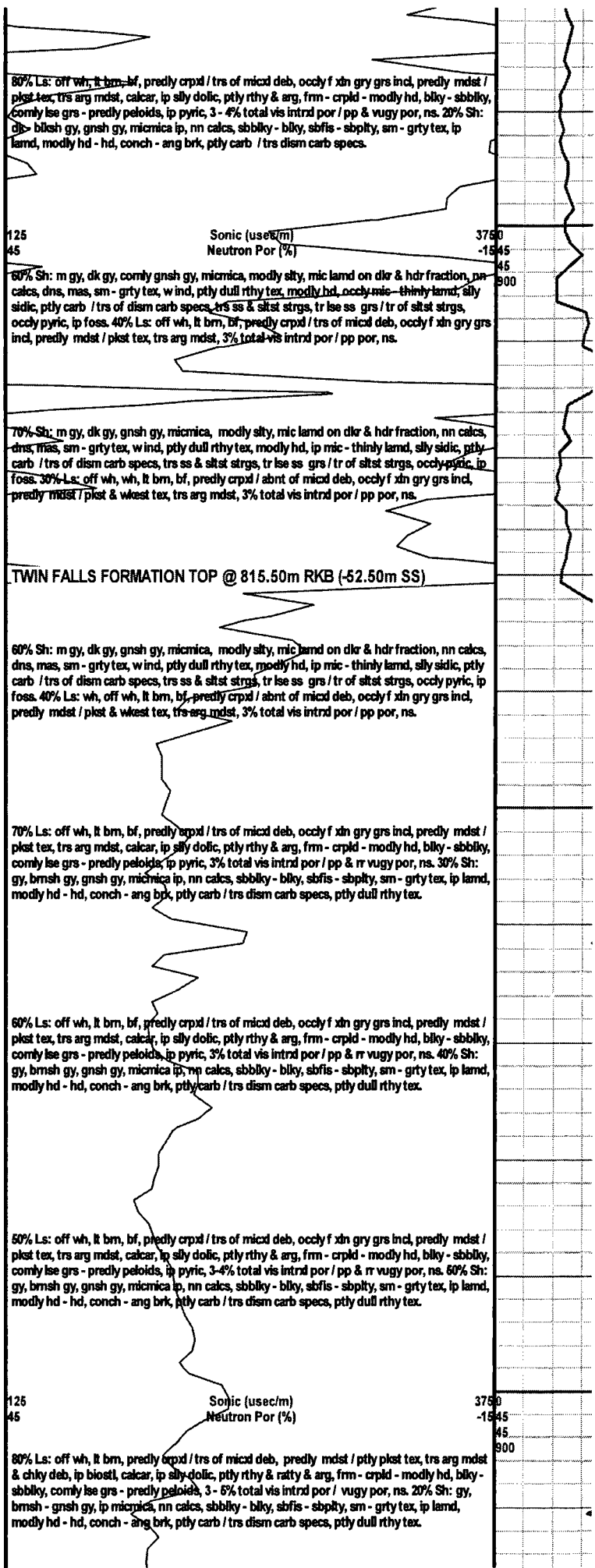
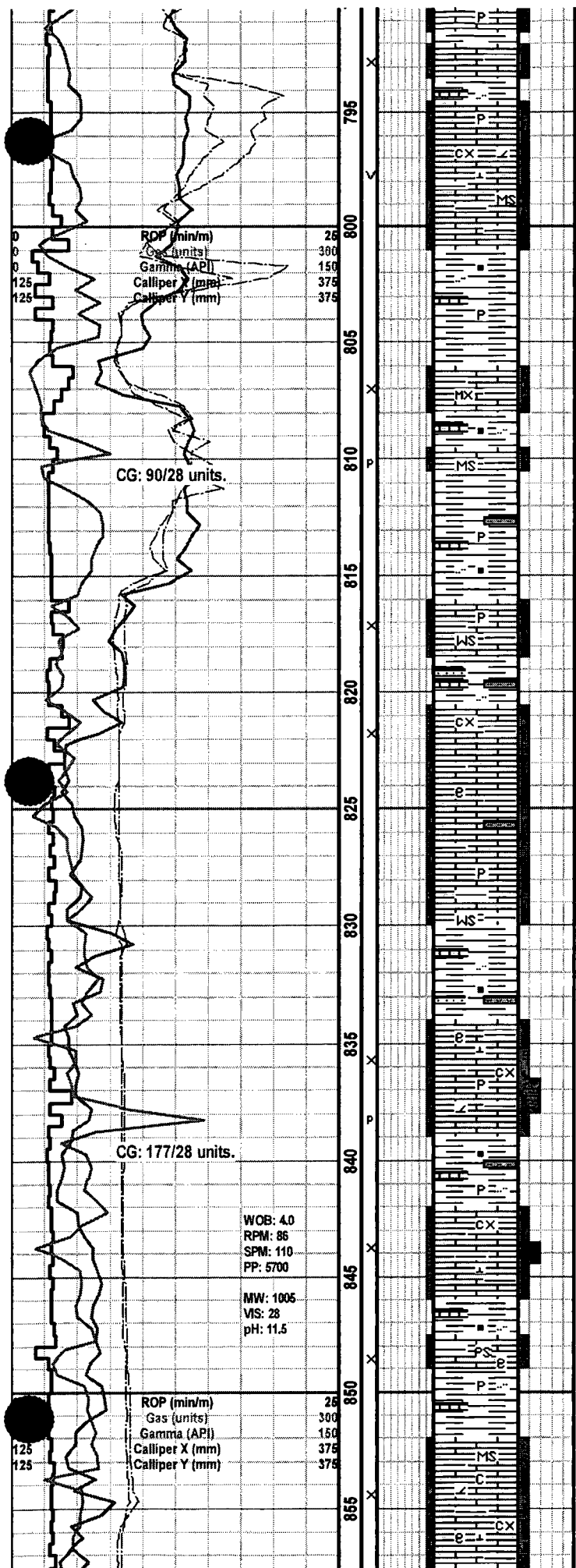


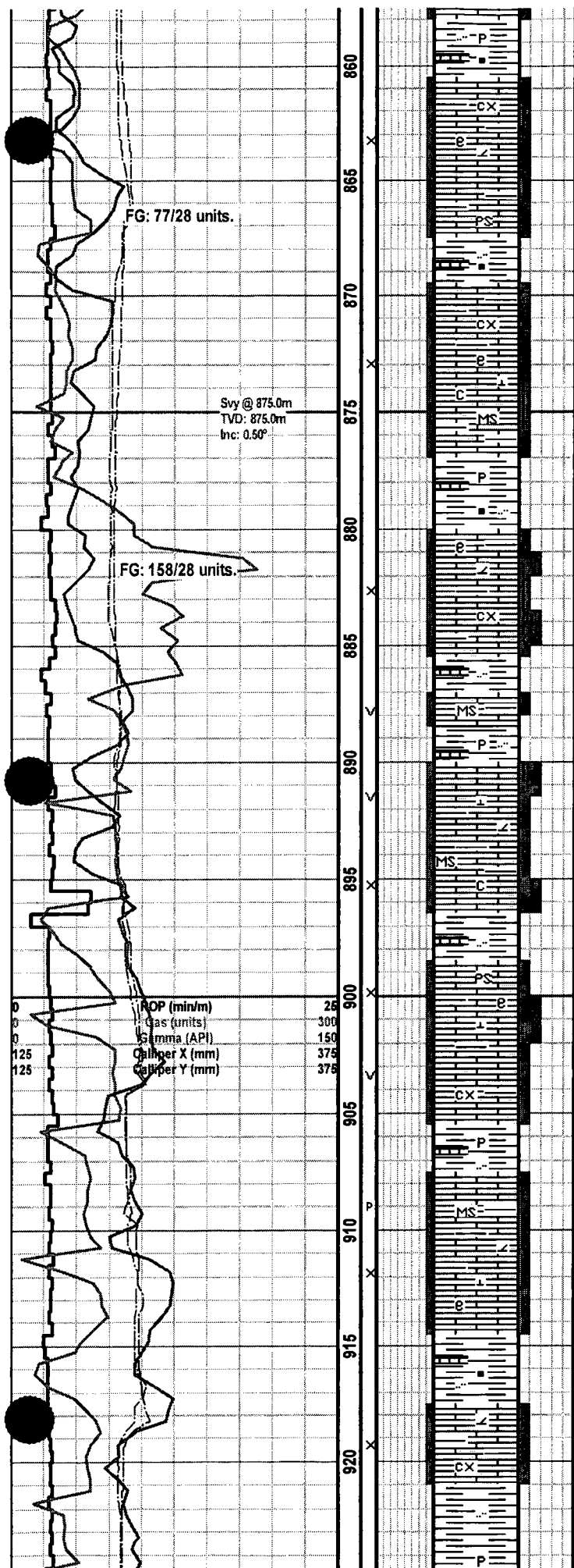
Sonic (usec/m)
Neutron Por (%)











80% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pthy plst tex, trs arg mdst & chly deb, ip biostl, calcar, ip sily dolc, pthy rthy & ratty & arg, frm - crpld - modly hd, bily - sbbly, comly lse grs - predly peloids, 3 - 5% total vis intrd por / vugy por, ns. 20% Sh: gy, brnsh - gnsh gy, ip micnica, nn calcs, sbbly - bily, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pthy carb, pthy dull rthy tex, occur as thin lam.

80% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pthy plst tex, trs arg mdst & chly deb, ip biostl, calcar, ip sily dolc, pthy rthy & ratty & arg, frm - crpld - modly hd, bily - sbbly, comly lse grs - predly peloids, 3 - 5% total vis intrd por / vugy por, ns. 20% Sh: gy, brnsh - gnsh gy, ip micnica, nn calcs, sbbly - bily, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pthy carb, pthy dull rthy tex, occur as thin lam, ip foss.

90% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pthy plst tex, trs arg mdst & chly deb, ip biostl, calcar, ip sily dolc, pthy rthy & ratty & arg, frm - crpld - modly hd, bily - sbbly, comly lse grs - predly peloids, 3 - 5% total vis intrd por / vugy por, ns. 10% Sh: gy, brnsh - gnsh gy, ip micnica, nn calcs, sbbly - bily, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pthy carb, pthy dull rthy tex, occur as thin lam.

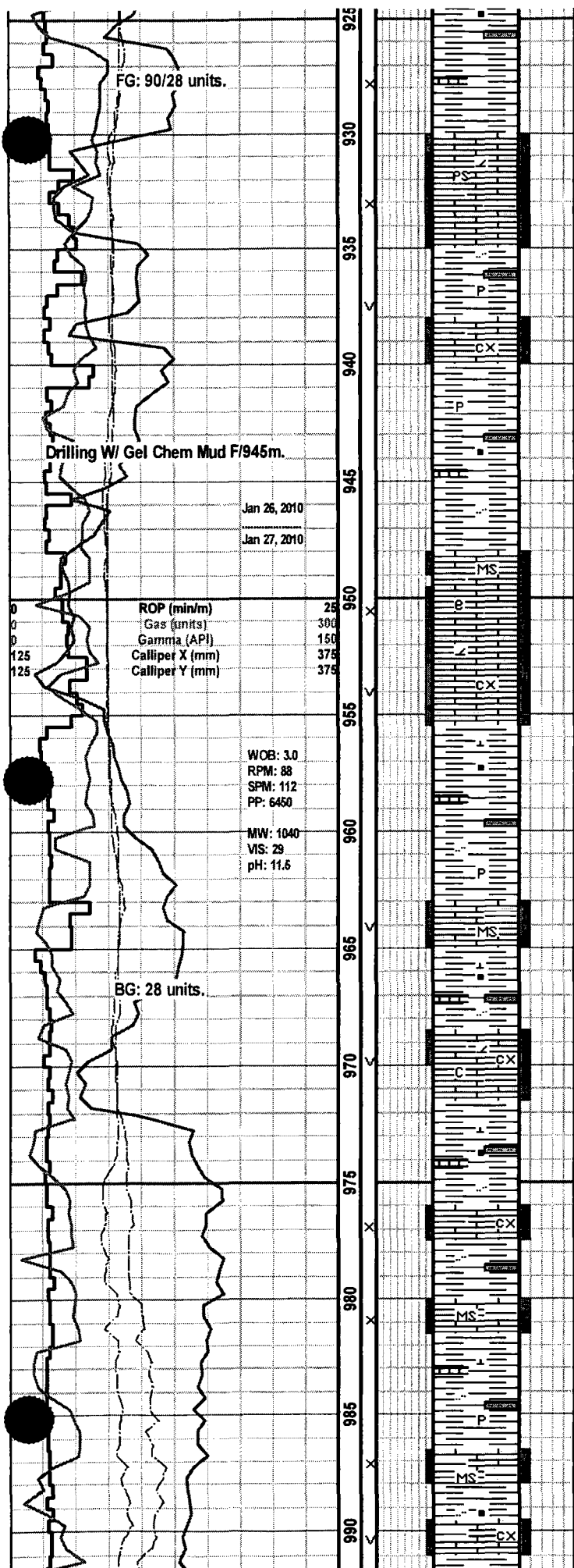
90% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pthy plst tex, trs arg mdst & chly deb, ip biostl, calcar, ip sily dolc, pthy rthy & ratty & arg, frm - crpld - modly hd, bily - sbbly, comly lse grs - predly peloids, 3 - 5% total vis intrd por / vugy por, ns. 10% Sh: gy, brnsh - gnsh gy, ip micnica, nn calcs, sbbly - bily, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pthy carb, pthy dull rthy tex, ip foss.

125 Sonic (usec/m) 3750
45 Neutron Por (%) -1545

60% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pthy plst tex, trs arg mdst & chly deb, ip biostl, calcar, ip sily dolc, pthy rthy & ratty & arg, frm - crpld - modly hd, bily - sbbly, comly lse grs - predly peloids, 3 - 5% total vis intrd por / vugy por, ns. 40% Sh: gnsh gy, gy, brnsh gy, ip micnica, sily calcs, sbbly - bily, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pthy carb, pthy dull rthy tex, occur as thin lam.

50% Ls: off wh, lt brn, tan, predly crpd / trs of micd deb, predly mdst / pthy plst tex, trs arg mdst & chly deb, ip biostl, calcar, ip sily dolc, pthy rthy & ratty & arg, frm - crpld - modly hd, bily - sbbly, comly lse grs - predly peloids, 3 - 5% total vis intrd por / vugy por, ns. 50% Sh: gnsh gy, gy - brnsh gy, ip micnica, sily calcs, sbbly - bily, sbfis - sbply, sm - grty tex, ip lamd, modly hd, pthy carb, pthy dull rthy tex, occur as thin lam, ip foss.

70% Sh: gnsh gy, gy - brnsh gy, ip micnica, sily calcs, sbbly - bily, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pthy carb, w ind, ip dull rthy tex, occur as thin lam, pthy sily, occly pyretic / trs of lse scat gran pyr frags, ip foss. 30% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pthy plst tex, ip biostl, calcar, ip sily dolc, frm - crpld - modly hd, comly lse grs - predly peloids, 3 - 4% total vis intrd por / vugy por, ns.



60% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pty pksd tex, ip biostl, calcar, ip sily dolc, frm - crpd - modly hd, comly lse grs - predly peloids, 3 - 4% total vis intrd por / vugy por, ns. 40% Sh: gnsh gy, gy - brnsh gy, ip micmica, sily calcs, sbblky - blkly, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pty carb, w ind, ip thin lam, pty sily, ocdy pyretic / trs of lse scat gran pyr frags, ip foss.

60% Sh: gnsh gy, gy - brnsh gy, ip micmica, sily calcs, sbblky - blkly, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pty carb, w ind, ip dull rthy tex, occur as thin lam, pty sily, ocdy pyretic / trs of lse scat gran pyr frags, ip foss. 40% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pty pksd tex, ip biostl, calcar, ip sily dolc, frm - crpd - modly hd, comly lse grs - predly peloids, 3 - 4% total vis intrd por / vugy por, ns.

125
45

Sonic (usec/m)
Neutron Por (%)

3750
-1546
45
900

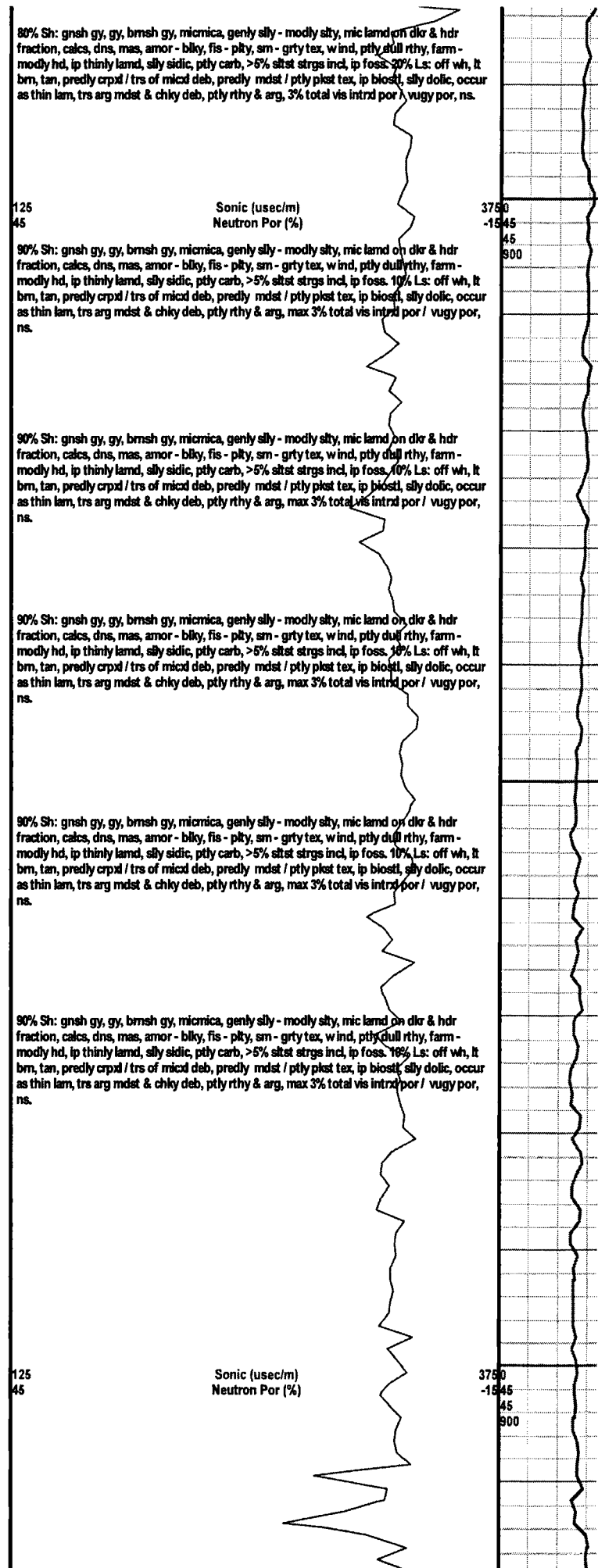
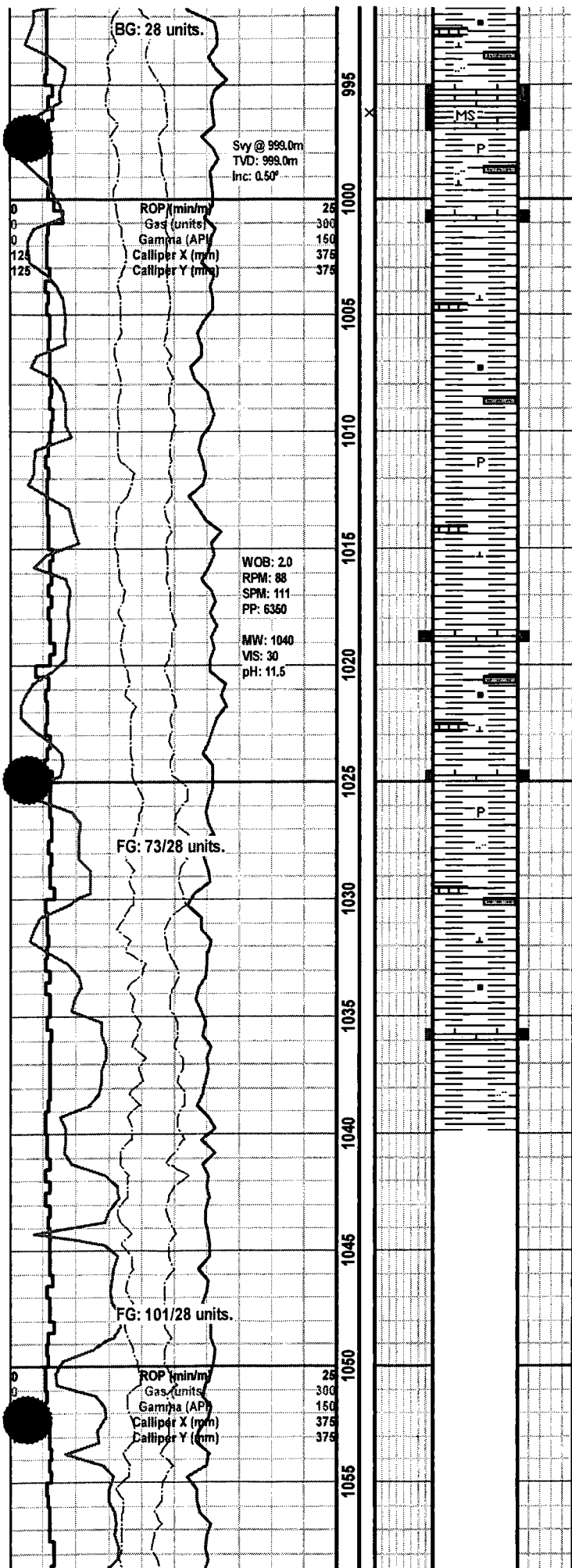
50% Sh: gnsh gy, gy - brnsh gy, ip micmica, sily calcs, sbblky - blkly, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pty carb, w ind, ip dull rthy tex, occur as thin lam, pty sily, ocdy pyretic / trs of lse scat gran pyr frags, ip foss. 50% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pty pksd tex, ip biostl, calcar, ip sily dolc, frm - crpd - modly hd, comly lse grs - predly peloids, 3 - 4% total vis intrd por / vugy por, ns.

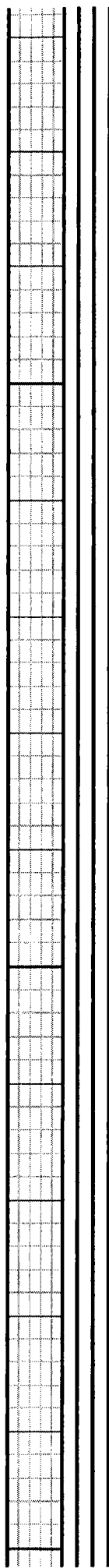
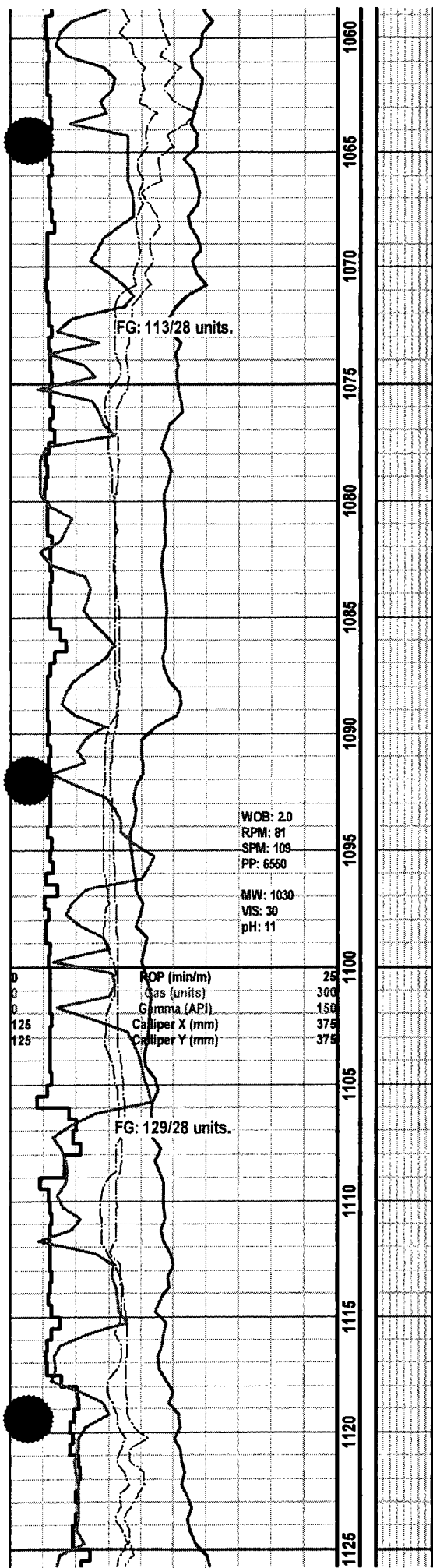
70% Sh: gnsh gy, gy - brnsh gy, ip micmica, sily calcs, sily calcs, dns, mas, sbblky - blkly, sbfis - sbply, sm - grty tex, ip lamd, modly hd - hd, conch - ang brk, pty carb, w ind, ip dull rthy tex, pty sily, ocdy pyretic / trs of lse scat gran pyr frags, ip foss. 30% Ls: off wh, lt brn, predly crpd / trs of micd deb, predly mdst / pty pksd tex, ip biostl, calcar, ip sily dolc, occur as thin lam, comly lse grs - predly peloids, 3 - 4% total vis intrd por / vugy por, ns.

HAY RIVER FORMATION TOP @ 972.50m RKB (-209.50m SS)

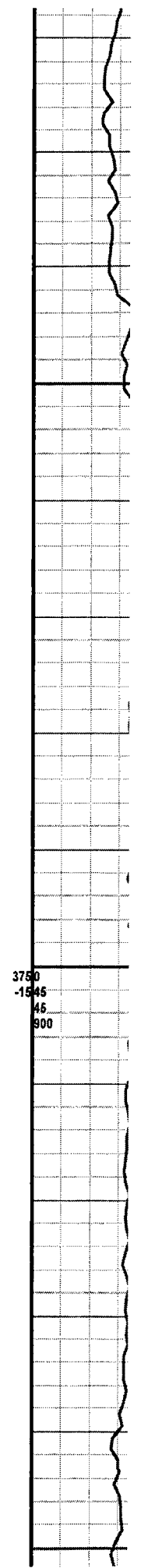
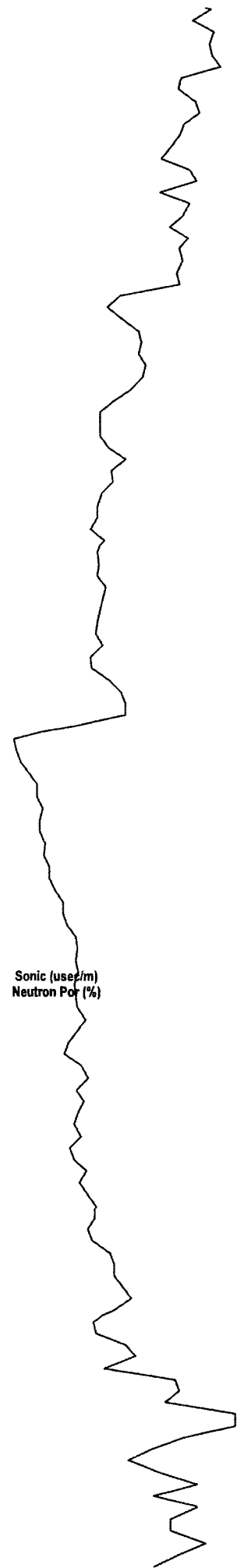
90% Sh: gnsh gy, gy, brnsh gy, micmica, genly sily - modly sily, mic lamd on dlr & hdr fraction, calcs, dns, mas, amor - blkly, fis - pty, sm - grty tex, w ind, pty dull rthy, fam - modly hd, ip thinly lamd, sily sidic, pty carb, >5% silt strgs incl, ip foss. 10% Ls: off wh, lt brn, tan, predly crpd / trs of micd deb, predly mdst / pty pksd tex, ip biostl, sily dolc, occur as thin lam, trs arg mdst & chky deb, pty rthy & arg, 3% total vis intrd por / vugy por, ns.

80% Sh: gnsh gy, gy, brnsh gy, micmica, genly sily - modly sily, mic lamd on dlr & hdr fraction, calcs, dns, mas, amor - blkly, fis - pty, sm - grty tex, w ind, pty dull rthy, fam - modly hd, ip thinly lamd, sily sidic, pty carb, >5% silt strgs incl, ip foss. 20% Ls: off wh, lt brn, tan, predly crpd / trs of micd deb, predly mdst / pty pksd tex, ip biostl, sily dolc, occur as thin lam, trs arg mdst & chky deb, pty rthy & arg, 3% total vis intrd por / vugy por, ns.

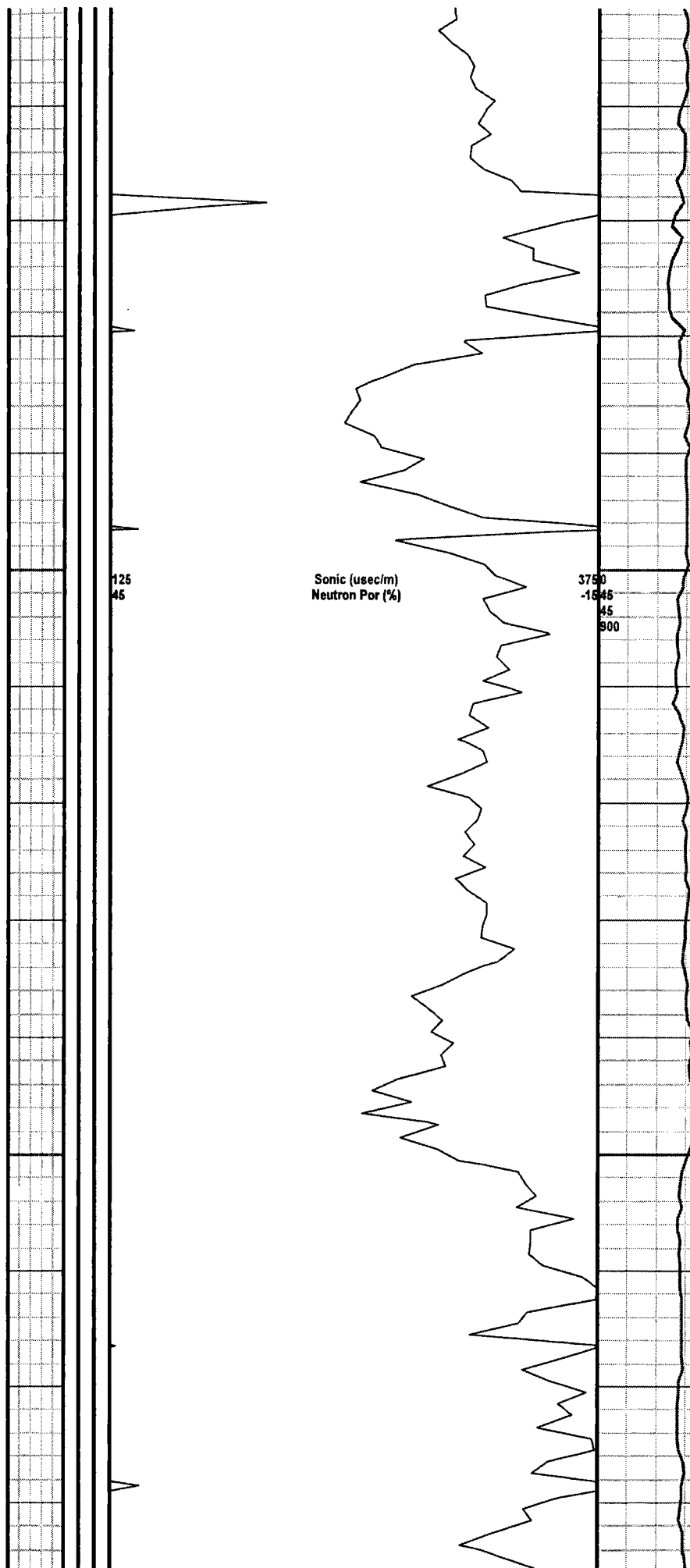
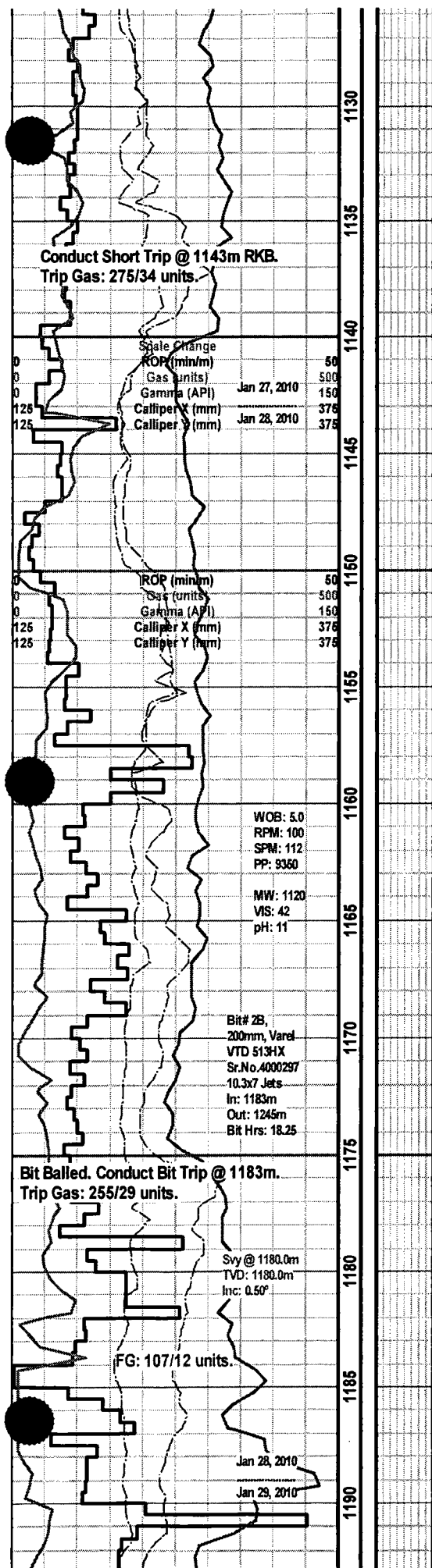


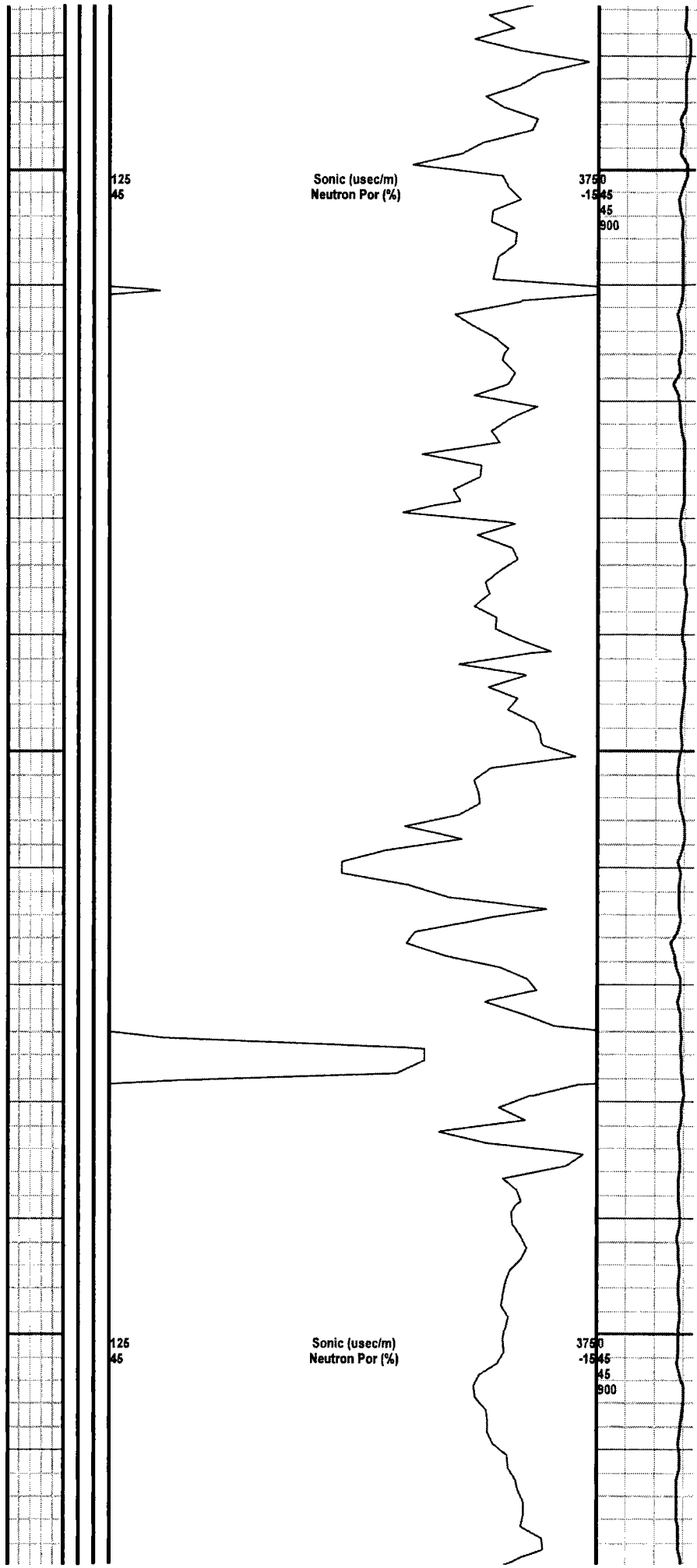
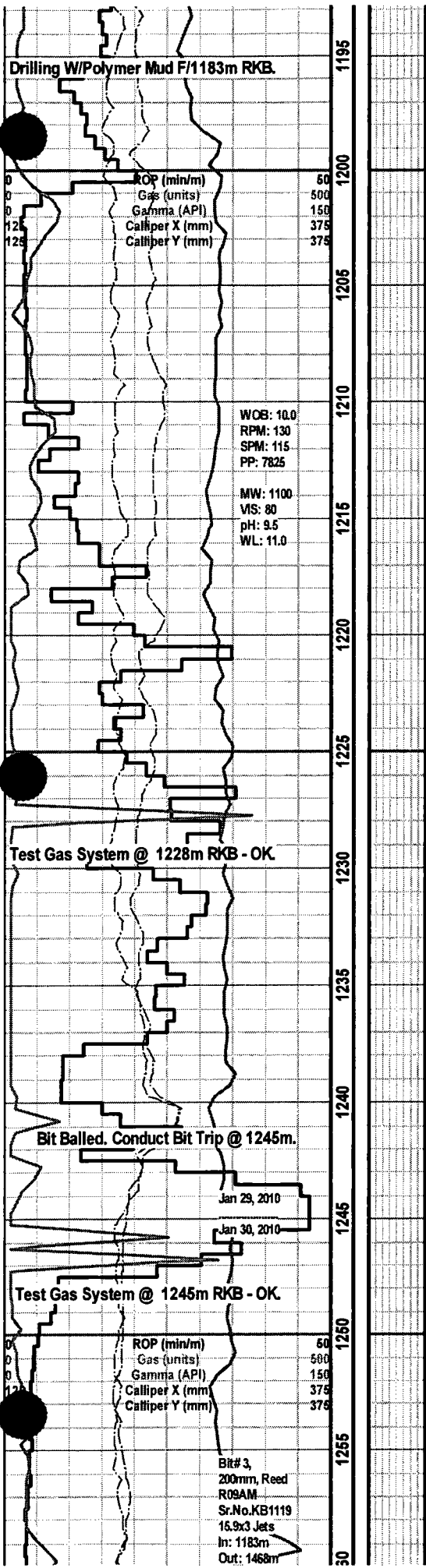


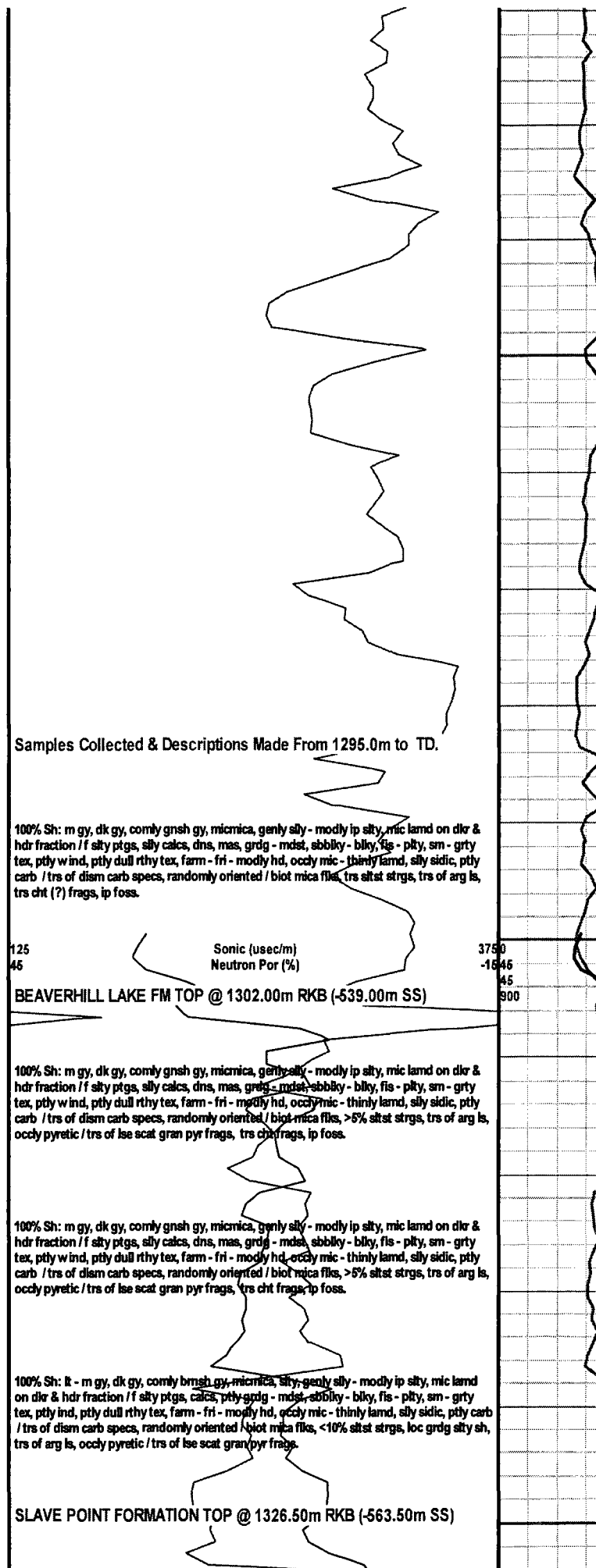
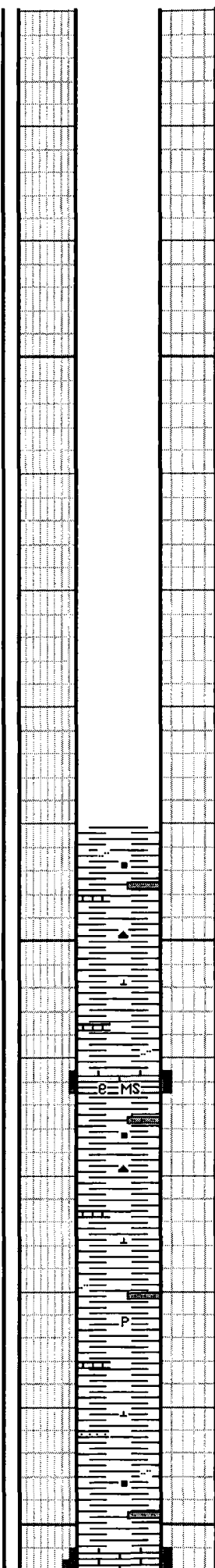
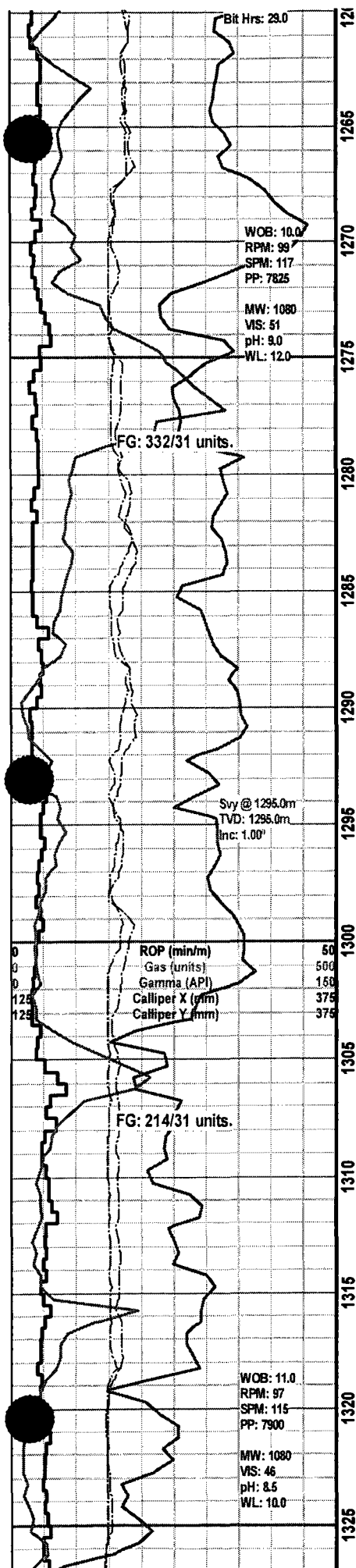
125
45

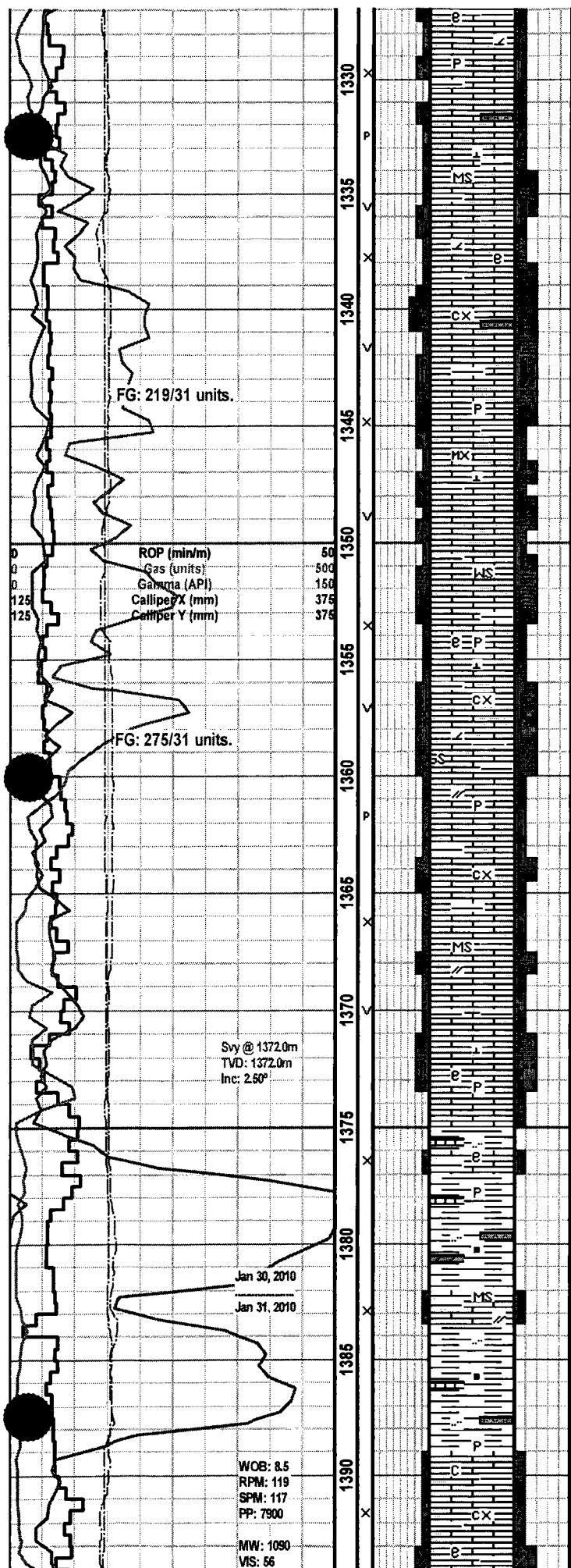


3750
-1545
46
900









50% Ls: off wh, mot, crmy, frm - crpld - modly hd, filky - blkly, ip chiky, predly crpld - micd, occly f xln deb, predly wkst - mdst, ip dolc, intcls & occly biocl deb, ip pyric / trs of lse scat gran pyr frags, 3 - 5% total vis intrd, pp & vugy por, trs of lt brn o shw, no vis stng, no od, lt pale brnsh yel natural spl flor, v fnt cut, no resdl ring flor, p shw. 50% Sh: lt - m gy, dk gy, comly brnsh gy, micmica, silty, genly silty - modly ip silty.

100% Ls: brn, tan, off wh, lt yel / dk brn stn, mot, frm, fri - crpld - modly hd, lmpy - blkly, predly crpld / micd - v f xln deb, predly wkst, pthly mdst, intcls & occly biocl deb, calcar, pthly rthy & arg, ip dolc, loc bits ptgs, >5% gnsh brn, dk gy sh frags / slst strg, 3 - 5% total vis intrd, pp & vugy por, sl p od, no vis stng, >10% lt brn natural spl flor, slow fnt cut, pale yelsh brn resdl ring flor, g shw.

100% Ls: brn, tan, off wh, lt yel / dk brn stn, mot, frm, fri - crpld - modly hd, filky - blkly, predly crpld / micd - v f xln deb, predly wkst, pthly mdst, intcls & occly biocl deb, calcar, pthly rthy & arg, ip dolc, loc bits ptgs, >10% gy, dk gy sh frags incl, ip pyric / trs of lse scat gran pyr frags, 3 - 9% total vis intrd, vugy & pp por, sl p od, no vis stng, >15% lt brn natural spl flor, slow fnt cut, pale yelsh brn resdl ring flor, g shw.

125 Sonic (usec/m) 3750
45 Neutron Por (%) -1545
45 45
900

100% Ls: brn, tan, off wh, lt yel / dk brn stn, mot, frm, fri - crpld - modly hd, lmpy - blkly, predly crpld / micd - v f xln deb, predly wkst, pthly mdst, intcls & occly biocl deb, calcar, pthly rthy & arg, ip dolc & anhyic, loc bits ptgs, >5% gy, dk gy, brnsh gy sh frags incl / trs pyric grs / trs of lse scat gran pyr frags, 3 - 5% total vis intrd, vugy & pp por, sl p od, no vis stng, >15% lt brn natural spl flor, slow fnt cut, pale yelsh brn resdl ring flor, g shw.

100% Ls: brn, tan, off wh, lt yel / dk brn stn, mot, frm, fri - crpld - modly hd, lmpy - blkly, predly crpld / micd - v f xln deb, predly wkst, pthly mdst, intcls & occly biocl deb, calcar, pthly rthy & arg, ip dolc & anhyic, loc bits ptgs, >5% gy, dk gy, brnsh gy sh frags incl, trs pyric grs / trs of lse scat gran pyr frags, 3 - 5% total vis intrd, vugy & pp por, sl p od, no vis stng, >15% lt brn natural spl flor, slow fnt cut, pale yelsh brn resdl ring flor, g shw.

100% Ls: brn, tan, off wh, lt yel / dk brn stn, mot, frm, fri - crpld - modly hd, filky - lmpy - blkly, predly crpld / trs micd deb, predly wkst, dns, mas, ratty - rthy, trs arg mdst & chiky deb, calcar, ip arg & anhyic, loc bits ptgs, >5% gy, dk gy, brnsh gy sh frags incl, trs pyric grs / trs of lse scat gran pyr frags, 3 - 5% total vis intrd, vugy & pp por, no od, no vis stng, <5% lt brn natural spl flor, hazy cut flor, na.

F4 MARKER FORMATION TOP @ 1375.00m RKB (-612.00m SS)

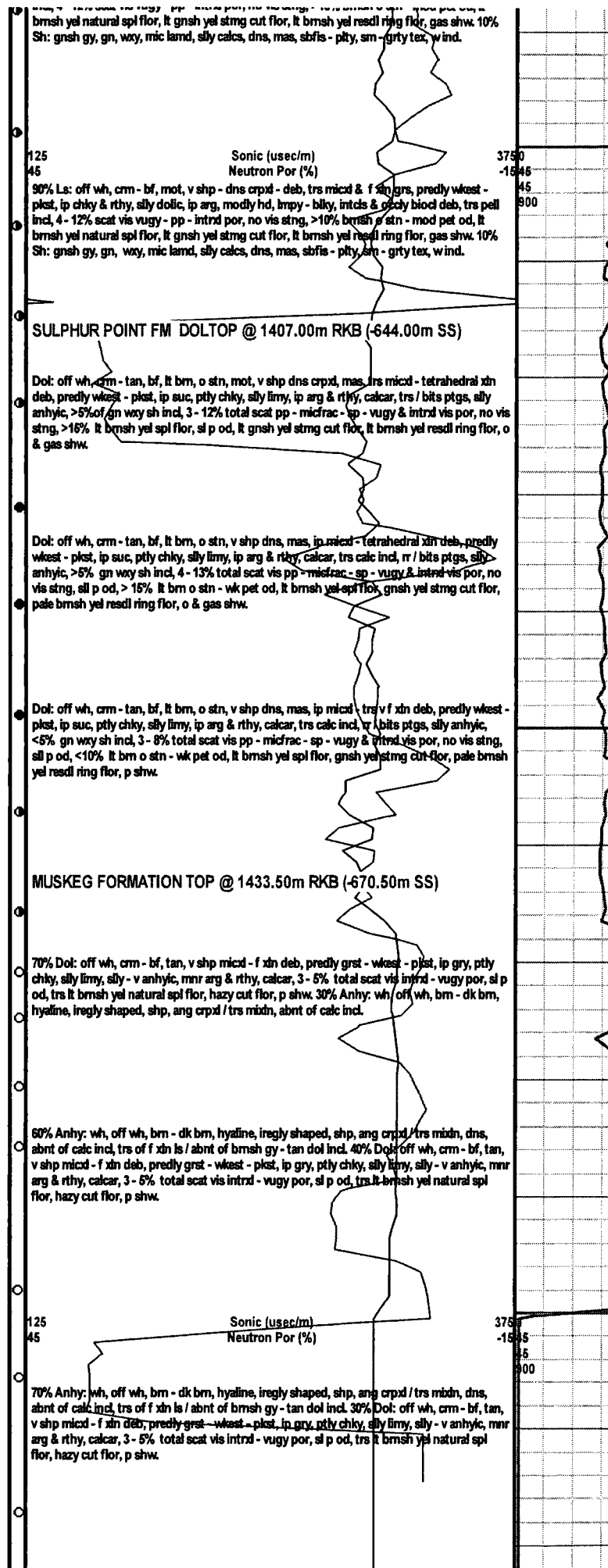
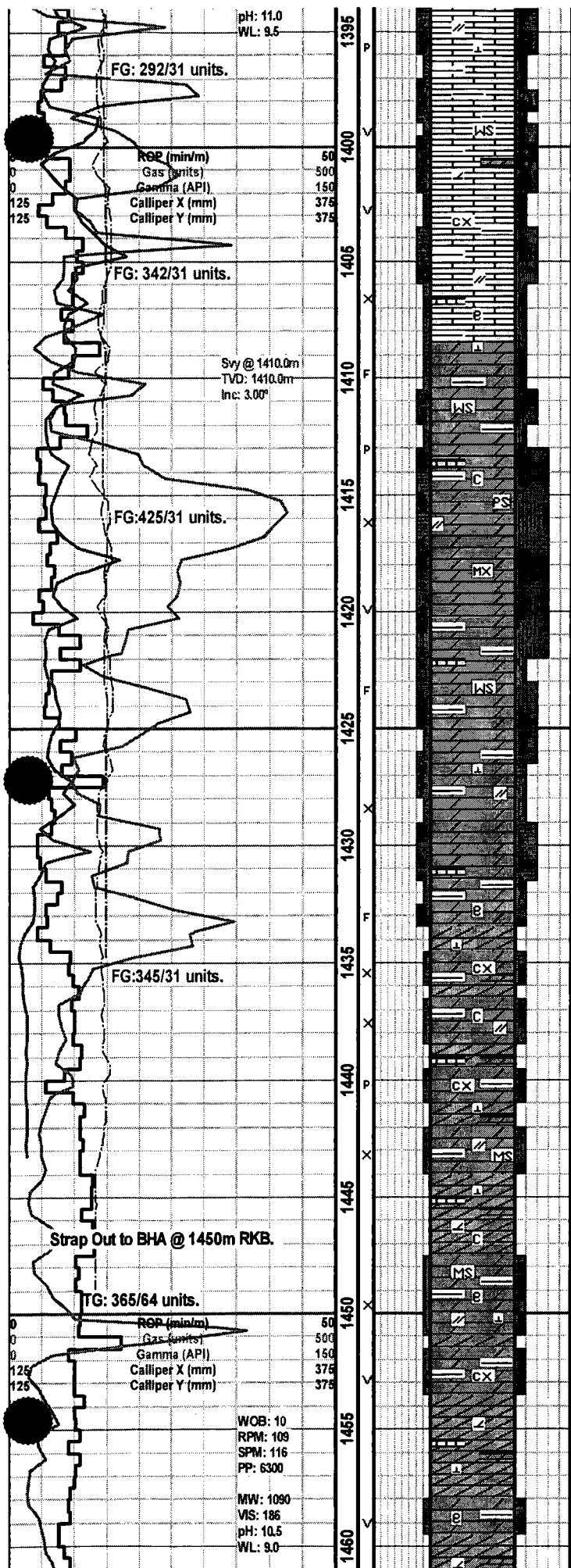
60% Ls: brn, tan, lt yel / dk brn stn, mot, frm - crpld - modly hd, filky - lmpy - blkly, predly crpld / micd deb, dolc ls, 3 - 5% total vis intrd, vugy & pp por, no od, no vis stng, <5% lt brn natural spl flor, hazy cut flor, na. 40% Sh: m gy - brnsh gy, silty calcs, mic land, sb blkly - blkly, wind, pthly carb, trs inoc pris.

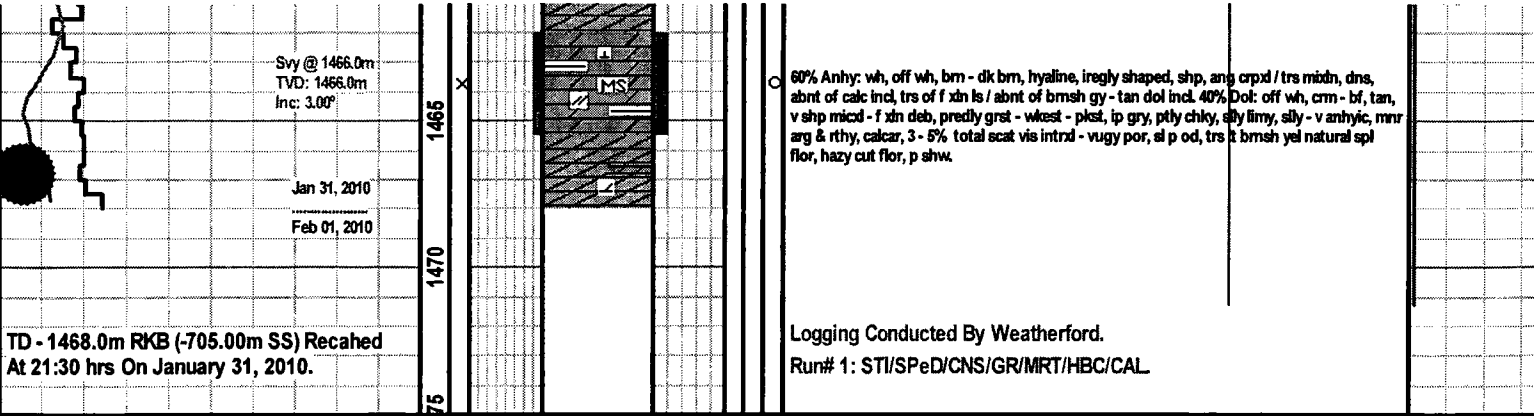
WATT MOUNTAIN FM TOP @ 1382.50m RKB (-619.50m SS)

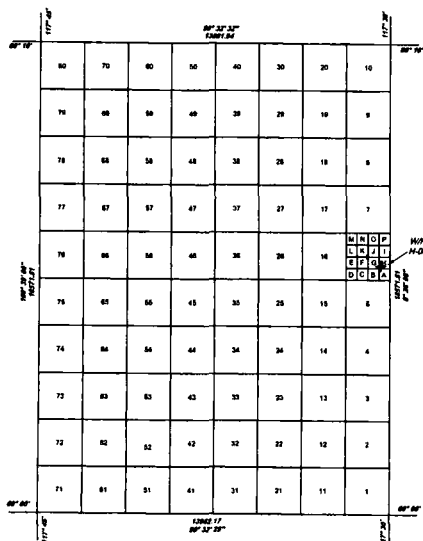
80% Sh: gnsh gy, gn, micmica, mic land, silty calcs, dns, mas, amor - sbfis, pthly pthly, sm - grty tex, wind, pthly dull rthy tex, predly modly hd, pthly carb / trs of diss carb specs, trs of anhy incl. 20% Ls: brn, tan, lt yel / dk brn stn, mot, frm - crpld - modly hd, filky - lmpy - blkly, predly crpld / micd deb, dolc ls, 3 - 5% total vis intrd, vugy & pp por, no od, no vis stng, <5% lt brn natural spl flor, hazy cut flor, na.

SULPHUR POINT FM LS TOP @ 1389.00m MRKB (-626.00m SS)

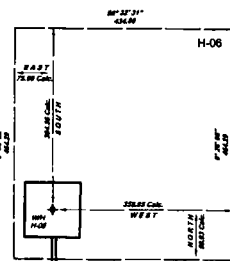
90% Ls: off wh, crm - bf, mot, v shp - dns crpld - deb, trs micd & f xln grs, predly wkst - pkst, ip chiky & rthy, silty dolc, ip arg, modly hd, lmpy - blkly, intcls & occly biocl deb, trs pell incl & - 12% total vis intrd - no - intrd por no vis stng >10% brnsh a ctn - brnsh nat cut lt







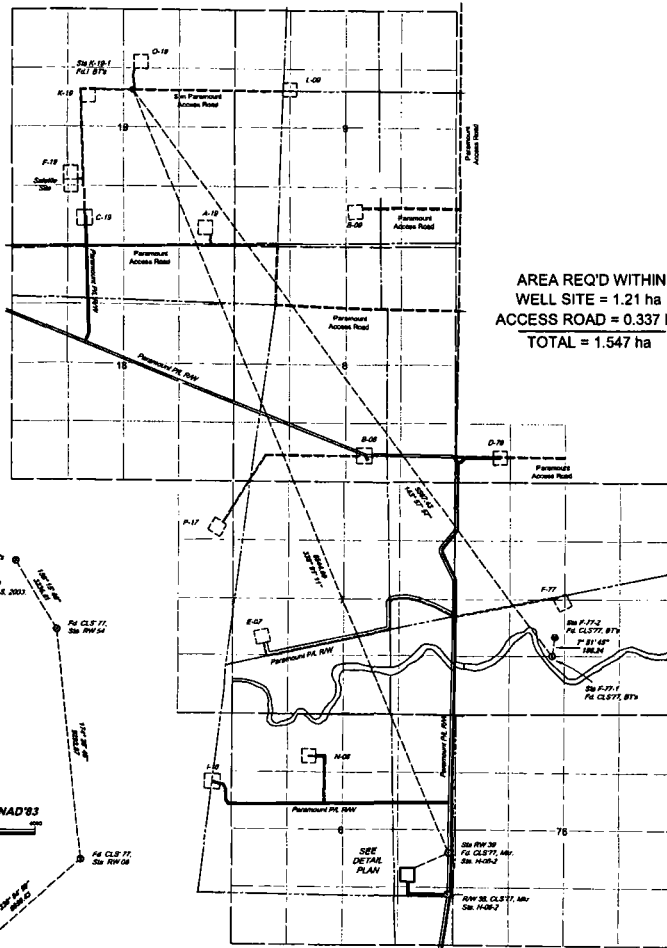
GRID AREA 60° 10', 117° 30'
SCALE 1:100,000



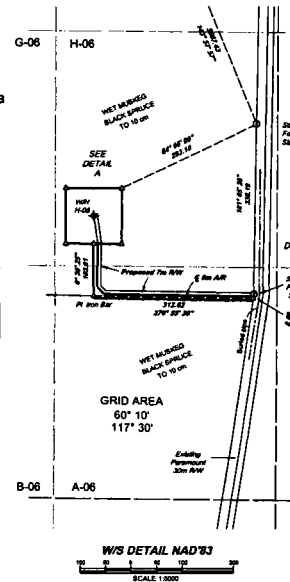
UNIT H-06 NAD'27
SCALE 1:50,000

RETURN TRAVERSE NAD'83
SCALE 1:100,000

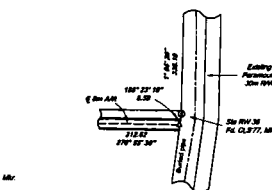
ACCESS SKETCH AND LOCATION TRAVERSE NAD'83
SCALE 1:20,000



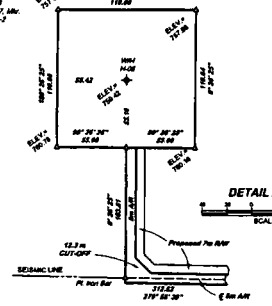
AREA REQ'D WITHIN
WELL SITE = 1.21 ha
ACCESS ROAD = 0.337 ha
TOTAL = 1.547 ha



GRID AREA 60° 10', 117° 30'
SCALE 1:100,000



DETAIL B NAD'83
SCALE 1:2000



DETAIL A NAD'83
SCALE 1:2000

Plan and Field Notes
of (As Built) Survey of
**PRODUCTION WELL
PARA ET AL CAMERON H-06**
within UNIT H, SECTION 06
GRID AREA 60° 10', 117° 30'
NORTHWEST TERRITORIES
CANADA OIL AND GAS REGULATIONS
PRODUCTION LICENCE NO. PLW019

THIS SURVEY WAS EXECUTED BETWEEN THE
DATES OF OCTOBER 14TH, 2006 TO MARCH 20TH, 2010
BY GREG BOOGS, CLS
CERTIFIED CORRECT AND COMPLETED MAY 27, 2010

GREG BOOGS
GREG BOOGS
CANADA LANDS SURVEYOR

Surveyed for
PARAMOUNT RESOURCES LTD.



GEOGRAPHIC AND UTM COORDINATES - NAD '27				
STATION	LATITUDE (N)	LONGITUDE (W)	NORTHING	EASTING
GRID AREA 60° 10', 117° 30'				
N.E.	60° 09' 50.000"	117° 30' 00.000"	608611.380	472250.600
N.W.	60° 09' 50.000"	117° 45' 00.000"	608611.380	480750.311
S.W.	60° 09' 50.000"	117° 45' 00.000"	608141.724	480750.311
S.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
UNIT H-06				
N.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
N.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
BTA H-06-1				
N.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
N.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
WELL CENTRE H-06				
N.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
N.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600

GEOGRAPHIC AND UTM COORDINATES - NAD '83				
STATION	LATITUDE (N)	LONGITUDE (W)	NORTHING	EASTING
GRID AREA 60° 10', 117° 30'				
N.E.	60° 09' 50.000"	117° 30' 00.000"	608611.380	472250.600
N.W.	60° 09' 50.000"	117° 45' 00.000"	608611.380	480750.311
S.W.	60° 09' 50.000"	117° 45' 00.000"	608141.724	480750.311
S.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
UNIT H-06				
N.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
N.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
BTA H-06-1				
N.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
N.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
WELL CENTRE H-06				
N.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
N.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.W.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600
S.E.	60° 09' 50.000"	117° 30' 00.000"	608141.724	472250.600

WELL SITE COORDINATES SHOWN ARE BASED ON PD CLS77 POST
STA. K-18-1, 1100 PLAN. CLS BY GREG BOOGS, CLS
HELD FOR VERTICAL AND HORIZONTAL CONTROL
(SEE RETURN TRAVERSE FOR COMPARISON)
FINAL COORDINATES WERE CALCULATED IN NAD'83 AND CONVERTED TO
NAD'27 USING NATIONAL TRANSFORMATION VERSION 2 PROGRAM

LEGEND
Measured Bound (Border Measurements) shown that
CLS 77 Posts shown that
Alberta Boundary Iron Post shown that
Alberta Boundary Iron Post shown that
Iron Sillies shown that
Calculated Position shown that
Production Well Position shown that
Distances are in metres and accurate to 1:100,000
Positions referred to (Well Site and Access Road) shown that
UTM coordinates are computed for June 11, Central Meridian 117° W
Bearings are UTM and were derived from differentially corrected GPS Observations
and are referred to Station 117° W
Measured distances shown are ground distances, reduced by Combined Scale Factor of 0.99994
Distances on grid area subdivisions are UTM plane (NAD'27)
Elevations shown are orthometric elevations, based on elevation of Sta. K-18-1
and plus derived from published elevation of Border Measurement # 292
All elevations shown on body of plan are based on NAD 83 (Original datum)
Note: In Field Book _____ for the survey report pertaining to this project.

SCALE = 1:5000
DATE: JUNE 02 2010

UNIVERSAL
SURVEYING
114 ED
117° 30' 00.000"

UNIVERSAL
JOB No. 09-1802
UNIVERSAL
PLAN No. 091802L01
REVISION No. A



MAILING ADDRESS:
11301 - 91 AVENUE
GRANDE PRAIRIE, AB T8V 5Z3
TELEPHONE (780) 538-3911
FAX (780) 532-1155

FIELD TICKET

12035

BILL TO:

Paramount

DATE:

JAN 9, 2010

ORDERED BY:

Bernie

SIGNED BY:

[Signature]

LOCATION

DRILLING RIG

OIL COMPANY

P.O. NO.

H06-60-10-117-30 Precision 245

DRILLING AND DRIVING

	SIZE	REMARKS	UNIT PRICE	AMOUNT
CONDUCTOR	24" x 40'			B.O.
RAT & MOUSE	20' x 18' mouse	20' x 28' RAT		B.O.
CELLAR	3' x 6'			B.O.
AIR HAMMER				
	0' to 3' SNOW FILL			
	3' to 6' MUD/KEY			
	6' to 28' Permatrust	28' to 40' Good Clay		

NO water.

TRAVEL

DRILL UNIT	592	450	Km		B.O.
SERVICE UNIT	311	450	Km		B.O.
AIR HAMMER					

MATERIALS

CONDUCTOR PIPE	16" x 40'		B.O.
LINER			
CEMENT	40 BAGS POTLAND		B.O.
CRIB	3' x 6'		B.O.
DRAINLINE			
TEETH			
POINTS	H06 10005		
WELDER			
	09W010004		
	BERNIE GRIFFIN		
	Ricky Kappeler		
		B.O. Price	6500

DRILLER

Doug

SWAMPER

Honey

UNIT

592: 3 hr

SUB-TOTAL

G.S.T.

TOTAL

6500
375
6875

G.S.T. #R138086384



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/11/2010

Report #: 1.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 429,018

Cum Cost to Date: 429,018

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: -4.97 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations			
Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather FOG	Temperature (°C) -16	Lease Condition	
Operation at 6am			
Operations Summary			
Operations Next Report Period			
Remarks			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)

DAILY CONTACTS			
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725	
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751	

TIME LOG SUMMARY					
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	08:00	8.00	8.00		
08:00	08:15	0.25	8.25	Safety meeting	SAFETY MEETING W/MULLEN AND CREW
08:15	16:00	7.75	16.00	Load rig	LOAD RIG W/MULLEN TRANSPORT
16:00	00:00	8.00	24.00	Other	TRAVEL FROM AIR PORT TO NEW LOCATION

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 Cost		Mud Cum To Date
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed

MUD PUMPS			
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

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

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (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 Hook Load (daN)		Drilling Time (hrs)	

SAFETY CHECKS		
Date	Type	Description
1/12/2010	Safety Meeting	SPUD RIG



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/11/2010

Report #: 1.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 429,018

Cum Cost to Date: 429,018

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: -4.97 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA							
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)

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

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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/12/2010

Report #: 2.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 13,996

Cum Cost to Date: 443,014

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: -3.97 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather BLOWING SNOW	Temperature (°C) -36	Lease Condition	
Operation at 6am			
Operations Summary			
Operations Next Report Period			
Remarks			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)

DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	08:00	8.00	8.00	W/O Daylight	W/O DAYLIGHT PRIOR TO SPUD BUILDING
08:00	08:15	0.25	8.25	Safety meeting	SAFETY MEETING W/MULLEN AND CREW
08:15	16:00	7.75	16.00	Spot rig/loads/build...	SPOT RIG AND W/FOR LOADE
16:00	18:00	2.00	18.00	Spot rig/loads/build...	SPOT BUILDINGS
18:00	00:00	6.00	24.00	W/O Daylight	W/O DAYLIGHT FOR RIG UP NO LIGHT IN LOCATION

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 Cost		Mud Cum To Date
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
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MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

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

Depth Start (mKB)	Depth End (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 Hook Load (daN)	Drilling Time (hrs)		



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/12/2010

Report #: 2.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 13,996

Cum Cost to Date: 443,014

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: -3.97 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

SAFETY CHECKS

Date	Type	Description
1/13/2010	Safety Meeting	RIG UP

SAFETY INCIDENTS

Date	Comment	Type

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (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 H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/13/2010

Report #: 3.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 13,741

Cum Cost to Date: 456,755

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: -2.97 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Daily Operations			
Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -29	Lease Condition	
Operation at 6am			
Operations Summary			
Operations Next Report Period			
Remarks			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)

DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	08:00	8.00	8.00	Other	W/ON DAY LIGHT TO SPOT RENTAL EQUIPMENT AND RIG UP
08:00	08:15	0.25	8.25	Safety meeting	SAFETY MEETING W/MULLEN
08:15	14:00	5.75	14.00	Spot rig/loads/build...	SPOT 3rd PARTY EQUIPMENT
14:00	16:00	2.00	16.00	Rig up	RIG UP COLD START
16:00	19:00	3.00	19.00	Rig up	RIG UP
19:00	19:15	0.25	19.25	Safety meeting	HAND OVER MEETING
19:15	00:00	4.75	24.00	Rig up	RIG 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 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 Cost	Mud Cum To Date		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
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MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

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

Depth Start (mKB)	Depth End (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 Hook Load (daN)	Drilling Time (hrs)		



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/13/2010

Report #: 3.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 13,741

Cum Cost to Date: 456,755

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: -2.97 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

SAFETY CHECKS		
Date	Type	Description
1/13/2010	Safety Meeting	FROST BITE
1/14/2010	Safety Meeting	WORK W/STEAM

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA							
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)

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



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/14/2010

Report #: 4.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 16,926

Cum Cost to Date: 473,681

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15		Rig Release Date	DFS: -1.97 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Daily Operations			
Depth Start (mKB)		Depth End (mKB)	Target Formation Sulphur Point
			Target Depth (mKB) 1,437.00
Weather CLEAR		Temperature (°C) -29	Lease Condition
Operation at 6am			
Operations Summary			
Operations Next Report Period			
Remarks			
Avg Connection Gas (Units)		Avg Background Gas (Units)	Avg Trip Gas (Units)
			Max H2S (Units)

DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur. (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	08:00	8.00	8.00	Rig up	RIG UP ,START BOILER,CIRCULATE STEAM,CERCULATE WATER AND CONT TO RIG UP
08:00	08:15	0.25	8.25	Safety meeting	SAFETY MEETING PRIOR TO CHANGE DRILLING LINE AND BLOCK
08:15	15:00	6.75	15.00	Change drilling line	CHANGE DRILLING LINE AND BLOCK + SEND HOLD DRILLING LINE TO TOWN.
15:00	16:00	1.00	16.00	Rig up	CONT TO RIG UP WARM UP DRUM PRIOR TO RAISE DERRICK
16:00	19:00	3.00	19.00	Rig up	CONT TO RIG UP
19:00	19:15	0.25	19.25	Safety meeting	HAND OVER MEETING
19:15	21:00	1.75	21.00	Rig up	RIG UP
21:00	22:30	1.50	22.50	Safety meeting	SAFETY MEETING PRIOR TO RAISE DERRICK
22:30	00:00	1.50	24.00	Rig up	VISUALLY INS DERRICK PRIOR TO RAISE DERRICK AND TOP SECTION,INS BY RIG MANAGER AND DRILLER.

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 Cost	Mud Cum To Date		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
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MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
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Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/14/2010

Report #: 4.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 16,926

Cum Cost to Date: 473,681

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: -1.97 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

DRILLING SUMMARY

Depth Start (mKB)	Depth End (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 Hook Load (daN)	Drilling Time (hrs)		

SAFETY CHECKS

Date	Type	Description
1/14/2010	Safety Meeting	CHANGE DRILLING LINE AND BLOCK
1/14/2010	Safety Meeting	RAISE DERRICK
1/15/2010	Safety Meeting	PINCH POINTS

SAFETY INCIDENTS

Date	Comment	Type

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m ³)	P (LO) (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)



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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/15/2010

Report #: 5.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 11,292

Cum Cost to Date: 484,973

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15		Rig Release Date	DFS: -0.97 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Daily Operations			
Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -22	Lease Condition	
Operation at 6am			

Operations Summary

Operations Next Report Period

Remarks

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	06:00	6.00	6.00	Rig up	RIG UP FLOOR,PICK UP KELLY,TONGS,ALL RELATED EQUIPMENT,RIG UP PREFAB
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER MEETING
06:15	08:00	1.75	8.00	Rig up	RIG UP MUD TANK,DERSS PUMP #1
08:00	08:15	0.25	8.25	Safety meeting	SAFETY MEETING W/WELDER
08:15	12:00	3.75	12.00	Other	WELD ON DIVERTER FLANDGE
12:00	12:15	0.25	12.25	Safety meeting	SAFETY MEETING W/CREW PRIOR TO RIG UP DIVERTER
12:15	12:45	0.50	12.75	Spot rig/loads/build...	SPOT PUMP HOUSE #2
12:45	15:30	2.75	15.50	Nipple up/down diverter system	NIPPLE UP DIVERTER FROM SCRATCH
15:30	16:00	0.50	16.00	Other	EXTEND FLOW SPOUT AND WELD ON AIR BAG RING
16:00	18:00	2.00	18.00	Rig up	RIG UP FARE TANK,RUN STEAM ON PUMP #2 AND 400 BBL
18:00	18:15	0.25	18.25	Safety meeting	HAND OVER MEETING
18:15	00:00	5.75	24.00	Rig up	RIG UP MUD PUMP #2 AND DRESS&ALL RELATE EQUIP.

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 Cost	Mud Cum To Date		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
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MUD PUMPS

Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm)
Volumetric Efficiency (%)		
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm)
Volumetric Efficiency (%)		



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/15/2010

Report #: 5.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 11,292

Cum Cost to Date: 484,973

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: -0.97 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

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

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

SAFETY CHECKS

Date	Type	Description
1/15/2010	Safety Meeting	NIPPLE UP DIVERTER
1/15/2010	Safety Meeting	HAMMER WRENCHES
1/16/2010	Safety Meeting	RIG UP DIVERTER AND #2 PUMP

SAFETY INCIDENTS

Date	Comment	Type
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WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (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)
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Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/16/2010

Report #: 6.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 4,090

Cum Cost to Date: 489,063

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 0.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -26	Lease Condition	

Operation at 6am

Operations Summary

Day Tour Notes:

VISUALLY INS DIVERTER LINE, ESCAPE BUGGY AND ESCAPE LINE, TONGS, BACK UP LINES, DC SLIPS, ELEVATOR, DOG COLARD, FUNCTION CROWN SAVER, MOTOR KILLS

Evening Tour Notes:

FUNCTION TEST ACCUM, PRESS AT START 21000KPA, PRESS AFTER 2 TEST, 10500 KPA HCR OPEN 2SEC, ANNULAR CLOSE, 24 SEC, PRECHARGE 6500 KPA, TIME TO RECHARGE 1MIN&14 SEC, N2 BOTTLE #1 2200 PSI#2 2200PSI #3 1500 PSI / FUNCTION CROWN SAVER OK

Operations Next Report Period

Remarks

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Safety meeting	SAFETY MEETING/ FINISH RIGGING UP
00:15	05:00	4.75	5.00	Rig up	CONT, RIG UP/ PUMP #2 FINISH DIVERTER DEGASSER LINE .FUNCTION DIVERTER .
05:00	06:00	1.00	6.00	Other	BRING OVER BHA, STRAP BHA
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	08:00	1.75	8.00	Rig up	RIG UP 400bbi TANK FITTINGS, HOSES, CIRCULATE WATER AND STEAM, MOVE LIGHT STAND AROUND RIG
08:00	08:15	0.25	8.25	Safety meeting	SAFETY MEETING W/WELDER
08:15	16:00	7.75	16.00	Rig up	RIG UP GROUND PROTECTOR FROM RAD, BUILT UP RAMP SNOW AND WATER, FOR CUTTING DISPOSAL, PICK UP BHA.
16:00	18:00	2.00	18.00	Rig up	RIG UP CONT TO RIG UP LIGHT, BUILT CAP FOR SECTION, FINISH RIG UP 3rd party equipment
18:00	20:00	2.00	20.00	Safety meeting	PRE SPUD SAFETY MEETING, RIG INSPECTION W/DRILLER, WELL SUPERVISOR, RIG MANAGER & HAZARD HUNT
20:00	20:30	0.50	20.50	Test diverter	ACCUMULATOR TEST 21,000 kpa FUNCTION DIVERTER 24 SEC TO CLOSE 10,500kpa, FUNCTION HCR 2 sec TO OPEN REMAINING PRESSURE 10,300kpa time 1min 14sec precharge is 6,500 kpa N2 BOTTLES #1 2, 2,200psi, #2 2,200psi, #3 1500psi WITNESSED BY JWB, EB, DRILLER RD
20:30	23:00	2.50	23.00	Condition mud & circulate	Circulate
23:00	23:15	0.25	23.25	Safety meeting	DIVERTER DRILL W CREW, RIG MANAGER AND WELL SUPERVISER
23:15	00:00	0.75	24.00	Drill	SPUD+ DRILL 311 MM HOLE 0M TO 31M

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 Cost 2,138	Mud Cum To Date 2,138	
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/16/2010

Report #: 6.0

Depth Progress:

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 4,090

Cum Cost to Date: 489,063

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15		Rig Release Date	DFS: 0.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

MUD ADDITIVES			
Description	Cost (/unit)	Consumed	
DETERGENT	62.35	1.0	
HIPER DRILL 247	211.15	1.0	
SAWDUST	6.53	8.0	
DETERGENT	62.35	1.0	
HIPER DRILL 247	211.15	1.0	
MTL SURE SHALE	203.10	7.0	
SAWDUST	6.53	8.0	
SAWDUST	6.53	10.0	

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 80	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 80	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

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

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (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 Hook Load (daN)	Drilling Time (hrs)		

SAFETY CHECKS		
Date	Type	Description
1/16/2010	Safety Meeting	HOT WORK
1/16/2010	Safety Meeting	3rd PARTY EQUIPMENT
1/17/2010	Safety Meeting	MOUSE HOLE CONECTION

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (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
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/17/2010

Report #: 7.0

Depth Progress: 115.00

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 20,860

Cum Cost to Date: 509,923

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 1.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Depth Start (mKB) 31.2	Depth End (mKB) 146.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -19	Lease Condition	

Operation at 6am

LAYING DOWN CEMENTING SINGLE

Operations Summary

DRILLED 311MM HOLE FROM 31M TO 141M

TRIPPED OUT FOR WASHED CONDUCTOR PIPE SEAT

CEMENTED CONDUCTOR PIPE

Operations Next Report Period

CHECK CEMENT AND CONDUCTOR SEAT INTEGRITY. DRILL AHEAD

Remarks

THE HOLE WAS A LITTLE BIT TIGHT FROM 141M - 100M ON THE WAY OUT OF THE HOLE

CEMENT JOB WENT ACCORDING TO PLAN

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE, FUNCTION DIVERTER
00:15	05:30	5.25	5.50	Drill	DRILL 311 MM HOLE FROM 31M TO 88 M
05:30	06:00	0.50	6.00	Deviation survey	ACCUMULATED SURVEY TIME
06:00	06:15	0.25	6.25	Safety meeting	SAFETY MEETING HAND OVER
06:15	08:00	1.75	8.00	Drill	DRILL 311MM HOLE FROM 88M TO 116M
08:00	08:15	0.25	8.25	Safety meeting	DIVERTER DRILL W/CREW, WELL SUPERVISOR AND RIG MANAGER
08:15	08:30	0.25	8.50	Rig Service	RIG SERVICE, CHECK BRAKE LINKAGE
08:30	12:45	4.25	12.75	Drill	DRILL 311MM HOLE F/ 116M TO 141M
12:45	13:45	1.00	13.75	C&C due to lost circulation	LOST CIRCULATION, MUD RETURNS OUTSIDE CONDUCTOR PIPE
13:45	16:00	2.25	16.00	Trips	TRIP OUT FOR LOST CIRCULATION PICK UP KELLY PUMP OUT SINGLES TIGHT HOLE FROM 141m TO 102m
16:00	16:45	0.75	16.75	Trips	LAY DOWN TELEDRIFT, BLOW DOWN KELLY
16:45	17:45	1.00	17.75	C&C due to lost circulation	PUMP AROUND AND MONITOR RETURNS IN CELLAR
17:45	18:00	0.25	18.00	Safety meeting	SAFETY MEETING (HAND OVER MEETING)
18:00	21:00	3.00	21.00	W/O Cementer	WAIT CON CEMENTERS, PREPARE FOR CEMENT JOB
21:00	21:15	0.25	21.25	Pre-job safety	PRE-JOB SAFETY WITH SANJEL AND CREW PRIOR TO CEMENTING CONDUCTOR BBL
21:15	22:00	0.75	22.00	Cementing	RIG IN & CEMENT CONDUCTOR WITH SANJEL. PUMPED 1.8M3 DYED SPACER FOLLOWED BY 2.8M3 1900KG.M3 CLASS G CEMENT. JOB COMPLETED WITH DIVERTER CLOSED
22:00	00:00	2.00	24.00	Wait on cement	WAIT ON CEMENT

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 Cost 274	Mud Cum To Date 2,412	
Depth (mKB) 146.20	Density (kg/m³) 1050.0	Funnel Viscosity (s/L) 35	pH 6.0	PV Override (cp)	YP Override (Pa)	



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/17/2010

Report #: 7.0

Depth Progress: 115.00

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 20,860

Cum Cost to Date: 509,923

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 1.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed
DETERGENT	62.35	1.0
HIPER DRILL 247	211.15	1.0

MUD PUMPS			
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1	63.5		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
1,200	Yes	70	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
1,580	Yes	70	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	0	
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
2	63.5		
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	100	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	80	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	0	

BIT SUMMARY						
Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
1	Bit	311.0	VAREL	HE04JMRSV	253625	---
Nozzles (mm)	Depth In (mKB)	Depth Out (mKB)	Depth Drilled (m)	Drilling Time (hrs)	BHA ROP (m/hr)	IADC Bit Dull
14.3/14.3/14.3	31.20	170.20	144.00	14.00	10.3	-----

DRILL STRING COMPONENTS						
Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)	
DC (6.25 IN)	0.6	158.0	8	81.58	159.45	
JARS-HYD/MECH	0.7	158.0	1	5.20	77.87	
SHORT 6.25 DC	0.6	158.0	1	4.61	72.67	
DC (6.25 IN)	0.7	158.0	4	36.65	68.06	
TELADRIFT	0.6	158.0	1	2.61	31.41	
DC (6.25 IN)	0.6	158.0	1	9.14	28.80	
BELL SUB	0.7	158.0	1	0.76	19.66	
DC (8.00 IN)	0.7	212.0	2	17.90	18.90	
BIT SUB	0.7	221.0	1	0.70	1.00	

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
31.20	116.20		5,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off Hook Load (daN)	Drilling Time (hrs)		
130		130		7.00		
Depth Start (mKB)	Depth End (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
116.20	146.20		5,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off Hook Load (daN)	Drilling Time (hrs)		
120		120		4.25		

SAFETY CHECKS		
Date	Type	Description
1/17/2010	Safety Meeting	PINCH POINTS
1/17/2010	Safety Meeting	3rd party equipment
1/18/2010	Safety Meeting	RIG UP NEW LINE TO NEW MANIFOLD SHACK

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA									
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°30m)	
1/17/2010	32.00	0.50	0.00	32.00	0.14	0.00	0.14	0.47	



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/17/2010

Report #: 7.0

Depth Progress: 115.00

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 20,860

Cum Cost to Date: 509,923

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: 1.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

SURVEY DATA								
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°30m)
1/17/2010	59.20	0.50	0.00	59.20	0.38	0.00	0.38	0.00
1/17/2010	70.20	0.25	0.00	70.20	0.45	0.00	0.45	0.68
1/17/2010	96.20	0.50	0.00	96.20	0.62	0.00	0.62	0.29

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



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/18/2010

Report #: 8.0

Depth Progress: 29.00

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 17,231

Cum Cost to Date: 527,154

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 2.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Depth Start (mKB) 141.2	Depth End (mKB) 170.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
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Weather CLEAR	Temperature (°C) -12	Lease Condition
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Operation at 6am

DRILLING 311MM HOLE AT 236M

Operations Summary

WAITED ON CEMENT UNTIL 06:00 HRS
RAN IN WITH 8" COLLARS AND CIRCULATED TO TEST INTEGRITY OF CEMENT JOB
COMPLETED TOP FILL CEMENT JOB 1M3 "G" CEMENT
WAITED 4 HRS TO SET
DRILL AHEAD FROM 141M

Operations Next Report Period

DRILL AHEAD TO SURFACE TD

Remarks

CEMENT PLUG @ 31M
A FEW TIGHT SPOTS, BUT HOLE IN GOOD CONDITION

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE
00:15	06:00	5.75	6.00	Wait on cement	WAIT ON CEMENT
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER MEETING
06:15	06:30	0.25	6.50	Wait on cement	WAIT ON CEMENT
06:30	07:00	0.50	7.00	Trips	RUN IN 8" PICK UP KELLY AND CIRCULATED, TO TEST CEMENT
07:00	08:00	1.00	8.00	Trips	TRIP OUT CIRC. OUT CEMENT SLUDGE.
08:00	08:15	0.25	8.25	Trips	TRIP OUT 8" RACK KELLY
08:15	08:30	0.25	8.50	Trips	TRIP BACK IN WITH 2X8" PICK UP KELLY AND CIRC.
08:30	11:15	2.75	11.25	Condition mud & circulate	CONDITION MUD & CIRCULATE (GO IN TO 29M CIRC. W/KELLY)TAGGED CEMENT @28M
11:15	11:45	0.50	11.75	Trip out of hole	TRIP OUT OF HOLE(RACK 8" BLOW KELLY)
11:45	12:00	0.25	12.00	Safety meeting	SAFETY MEETING W/SANGEL
12:00	12:15	0.25	12.25	Trips	TRIP 8" IN THE HOLE
12:15	12:45	0.50	12.75	Cementing	CEMENTING CELLER
12:45	13:00	0.25	13.00	Rig Service	RIG SERVICE
13:00	16:00	3.00	16.00	Wait on cement	WAIT ON CEMENT
16:00	16:45	0.75	16.75	Wait on cement	WAIT ON CEMENT
16:45	18:00	1.25	18.00	Trips	TRIP BACK TO BOTTOM
18:00	18:15	0.25	18.25	Safety meeting	SAFETY MEETING(HAND OVER)
18:15	20:30	2.25	20.50	Trip in hole	TRIP IN HOLE ,PICK UP KELLY AND CLEAN TO BTM
20:30	21:00	0.50	21.00	Condition mud & circulate	CIRC AND CLEAN TO BTMFROM 125 TO 140
21:00	22:00	1.00	22.00	Drill	DRILL 311MM HOLE FROM 141M TO 152M
22:00	22:15	0.25	22.25	Rig Service	RIG SERVICE, FUNCTION DIVERTER 23 SEC CLOSE
22:15	00:00	1.75	24.00	Drill	DRILL 311MM HOLE FROM 152M TO 170 M



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/18/2010

Report #: 8.0

Depth Progress: 29.00

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 17,231

Cum Cost to Date: 527,154

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15		Rig Release Date	DFS: 2.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

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 Cost 649		Mud Cum To Date 3,061	
Depth (mKB)	Density (kg/m³) 1030.0	Funnel Viscosity (s/L) 40	pH 9.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
SODIUM BICARBONATE	29.46	2.0
HYPERDRILLAF247RD	221.55	2.0
GEL	14.69	10.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa) 980	Slow Speed Check? Yes	Strokes (spm) 70
Pressure (kPa) 1,200	Slow Speed Check? Yes	Strokes (spm) 65
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa) 979	Slow Speed Check? Yes	Strokes (spm) 70
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 80

BIT SUMMARY

Bit Run 1	Bit Type Bit	Size (mm) 311.0	Make VAREL	Model HE04JMRSV	Serial Number 253625	IADC Codes ---
Nozzles (mm) 14.3/14.3/14.3	Depth In (mKB) 31.20	Depth Out (mKB) 170.20	Depth Drilled (m) 144.00	Drilling Time (hrs) 14.00	BHA ROP (m/hr) 10.3	IADC Bit Dull -----

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
DC (6.25 IN)	0.6	158.0	8	81.58	159.45
JARS-HYD/MECH	0.7	158.0	1	5.20	77.87
SHORT 6.25 DC	0.6	158.0	1	4.61	72.67
DC (6.25 IN)	0.7	158.0	4	36.65	68.06
TELADRIFT	0.6	158.0	1	2.61	31.41
DC (6.25 IN)	0.6	158.0	1	9.14	28.80
BELL SUB	0.7	158.0	1	0.76	19.66
DC (8.00 IN)	0.7	212.0	2	17.90	18.90
BIT SUB	0.7	221.0	1	0.70	1.00

DRILLING SUMMARY

Depth Start (mKB) 141.20	Depth End (mKB) 170.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 4,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 130	Motor RPM (rpm)	Bit RPM (rpm) 130	Slack-Off Hook Load (daN)	Drilling Time (hrs) 2.75		

SAFETY CHECKS

Date	Type	Description
1/18/2010	Safety Meeting	SLIPS AND FALLS
1/18/2010	Safety Meeting	RIGGER GLOVES

SAFETY INCIDENTS

Date	Comment	Type



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/18/2010

Report #: 8.0

Depth Progress: 29.00

Total AFE Amount:

AFE Number: 09N010004

Daily Cost: 17,231

Cum Cost to Date: 527,154

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: 2.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)
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SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°30m)
1/18/2010	122.20	0.50	0.00	122.20	0.85	0.00	0.85	0.00

FORMATIONS

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

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/19/2010

Report #: 9.0

Depth Progress: 190.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 30,119

Cum Cost to Date: 689,468

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 3.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Depth Start (mKB) 170.2	Depth End (mKB) 360.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
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Weather CLEAR	Temperature (°C) -10	Lease Condition OK
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Operation at 6am

RAISING VIS PRIOR TO TRIP OUT

Operations Summary

DRILLED FROM 170M TO 351M

WIPER TRIPPED AND STRAPPED OUT

DRILLED FROM 351M TO 360M

Operations Next Report Period

TRIP OUT, RUN 219MM CASING, CEMENT, NIPPLE UP

Remarks

TRIP OUT WAS GOOD, BUT HAD TO WASH AND REAM TO BOTTOM, HOLE UNLOADING CEMENT TRACES FROM CONDUCTOR JOB, CAUSING A LITTLE BIT OF GRIEF

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE FUNCTION DIVERter 23 SEC TO CLOSE
00:15	05:30	5.25	5.50	Drill	DRILL FROM 170M TO 236 M
05:30	06:00	0.50	6.00	Deviation survey	ACCUMULATED SURVEY TIME
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER ,SAFETY MEETING
06:15	08:00	1.75	8.00	Drill	DRILL FROM 236M TO 247M
08:00	08:45	0.75	8.75	Condition mud & circulate	PUMP PRESSURE ISSUES, AERATED MUD, ADD DEFOAMER AND CIRCULATE
08:45	15:15	6.50	15.25	Drill	DRILL FROM 247M TO 341M
15:15	16:00	0.75	16.00	Deviation survey	ACCUMULATED SURVEY TIME
16:00	16:45	0.75	16.75	Drill	DRILL FROM 341M TO 351M
16:45	17:45	1.00	17.75	Condition mud & circulate	CIRCULATE BOTTOMS UP PRIOR TO WIPER TRIP
17:45	18:00	0.25	18.00	Rig Service	RIG SERVICE
18:00	18:15	0.25	18.25	Safety meeting	HANDOVER SAFETY MEETING
18:15	21:30	3.25	21.50	Trips	SURFACE WIPER TRIP (STRAP OUT), TALLY 350.93M - STRAP 351.46 DIFF .53M
21:30	22:45	1.25	22.75	Condition mud & circulate	WASH AND CIRCULATE HOLE CLEAN @ 199M,217M,237M AND BOTTOM
22:45	00:00	1.25	24.00	Drill	DRILL FROM 351M TO 360 M

MUD CHECKS

Low Gravity Solids (%) 145.8	MBT (kg/m³) 128	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 (%) 5.0	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 Cost 1,643	Mud Cum To Date 4,704	
Depth (mKB) 336.20	Density (kg/m³) 1020.0	Funnel Viscosity (s/L) 55	pH 8.5	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
TKPP	150.51	1.0



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/19/2010

Report #: 9.0

Depth Progress: 190.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 30,119

Cum Cost to Date: 689,468

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 3.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

MUD ADDITIVES			
Description	Cost (/unit)	Consumed	
HYPERDRILLAF247RD	221.55	1.0	
SAWDUST	6.53	4.0	
SODIUM BICARBONATE	29.46	5.0	
TKPP	150.51	1.0	
Millzan	500.41	1.0	
DEFOAMER	120.45	3.0	
SAWDUST	6.53	8.0	
SAWDUST	6.53	5.0	

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa) 796	Slow Speed Check? Yes	Strokes (spm) 65	Volumetric Efficiency (%)
Pressure (kPa) 970	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pressure (kPa) 900	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 127	Volumetric Efficiency (%)
Pressure (kPa) 830	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pressure (kPa) 870	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)

BIT SUMMARY						
Bit Run 1	Bit Type Bit	Size (mm) 311.0	Make VAREL	Model HE04JMRSV	Serial Number 253625	IADC Codes ---
Nozzles (mm) 14.3/14.3/14.3	Depth In (mKB) 31.20	Depth Out (mKB) 360.20	Depth Drilled (m) 334.00	Drilling Time (hrs) 29.50	BHA ROP (m/hr) 11.3	IADC Bit Dull -----

DRILL STRING COMPONENTS						
Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)	
Drill pipe - Stands			7	133.89	349.10	
HWDP(4.0 IN)	0.7	135.0	6	55.40	215.21	
X/O	0.6	158.0	1	0.26	159.81	
DC (6.25 IN)	0.6	158.0	9	81.58	159.55	
JARS-HYD/MECH	0.7	158.0	1	5.20	77.97	
SHORT 6.25 DC	0.6	158.0	1	4.61	72.77	
DC (6.25 IN)	0.7	158.0	4	36.75	68.16	
TELADRIFT	0.6	158.0	1	2.61	31.41	
DC (6.25 IN)	0.6	158.0	1	9.14	28.80	
BELL SUB	0.7	158.0	1	0.76	19.66	
DC (8.00 IN)	0.7	212.0	2	17.90	18.90	
BIT SUB	0.7	221.0	1	0.70	1.00	

DRILLING SUMMARY						
Depth Start (mKB) 170.20	Depth End (mKB) 247.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 4,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 130	Motor RPM (rpm)	Bit RPM (rpm) 130	Slack-Off Hook Load (daN)	Drilling Time (hrs) 7.00		
Depth Start (mKB) 247.20	Depth End (mKB) 341.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 5,500	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 130	Motor RPM (rpm)	Bit RPM (rpm) 130	Slack-Off Hook Load (daN)	Drilling Time (hrs) 6.50		
Depth Start (mKB) 341.20	Depth End (mKB) 360.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 5,600	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 130	Motor RPM (rpm)	Bit RPM (rpm) 130	Slack-Off Hook Load (daN)	Drilling Time (hrs) 2.00		



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/19/2010

Report #: 9.0

Depth Progress: 190.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 30,119

Cum Cost to Date: 689,468

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 3.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

SAFETY CHECKS		
Date	Type	Description
1/19/2010	Safety Meeting	DRIVING TO AND FROM CAMP
1/19/2010	Safety Meeting	OVERHEAD CLEAVES0

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA									
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°30m)	
1/19/2010	168.20	0.50	0.00	168.20	1.25	0.00	1.25	0.00	
1/19/2010	197.20	0.50	0.00	197.19	1.50	0.00	1.50	0.00	
1/19/2010	227.20	0.50	0.00	227.19	1.76	0.00	1.76	0.00	
1/19/2010	266.20	0.50	0.00	266.19	2.10	0.00	2.10	0.00	
1/19/2010	294.20	0.50	0.00	294.19	2.35	0.00	2.35	0.00	

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



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/20/2010

Report #: 10.0

Depth Progress: 18.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 49,218

Cum Cost to Date: 757,543

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 4.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

Daily Operations

Depth Start (mKB) 360.2	Depth End (mKB) 378.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
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Weather CLEAR	Temperature (°C) -14	Lease Condition
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Operation at 6am
WELDING BOWL

Operations Summary
NO INCIDENTS OR ACCIDENTS

DRILLED 311MM HOLE FROM 360 M TO 378M
CONDUCTED SECOND WIPER TRIP
LAYED DOWN 8" ASSEMBLY
RAN 219MM CASING
CEMENTED SURFACE CASING, GOOD RETURNS, BUMPED PLUG
PRESSURE TESTED CASING WITH CEMENTERS, 16,000 KPA HELD FOR 5MIN

Operations Next Report Period
NIPPLE UP BOP'S, PRESSURE TEST, DRILL OUT 219MM CASING SHOE

Remarks
VISIT FROM INAC YESTERDAY
60L DRILLING MUD SPILL ON MATTING/SNOW YESTERDAY

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE CHECK DIVERter 23 SEC CLOSED
00:15	01:15	1.00	1.25	Drill	DRILL FROM 360M TO 378M
01:15	02:15	1.00	2.25	Circulate And Condition	CIRCULATE AND CONDITION PRIOR TO WIPER TRIP
02:15	02:30	0.25	2.50	Other	BLOW KELLY
02:30	04:15	1.75	4.25	Trips	WIPER TRIP TO 187 M, HOLE IN GOOD CONDITION
04:15	06:45	2.50	6.75	Condition mud & circulate	CONDITION MUD & CIRCULATE PRIOR TO TRIP OUT TO RUN CASING
06:45	07:00	0.25	7.00	Safety meeting	HAND OVER /SAFETY MEETING
07:00	07:15	0.25	7.25	Condition mud & circulate	CONDITION MUD & CIRCULATE
07:15	07:30	0.25	7.50	Other	BLOW DOWN KELLY
07:30	08:00	0.50	8.00	Trip out of hole	TRIP OUT OF HOLE TO RUN CASING
08:00	09:45	1.75	9.75	Trips	COMPLETE TRIP OUT OF HOLE, LAY DOWN 8" ASSEMBLY AND BIT
09:45	10:00	0.25	10.00	Safety meeting	SAFETY MEETING W/ TONG HAND
10:00	13:45	3.75	13.75	Run casing	RIG UP TONG HAND AND RUN 219MM CASING
13:45	14:00	0.25	14.00	Rig up/down to run casing	RIG OUT TONG HAND RIG UP TO CIRC.
14:00	16:00	2.00	16.00	Condition mud & circulate	BREAK AND ESTABLISH CIRCULATION, SMALL ANNULUS AND LARGE CUTTINGS IMPEDED THIS PROCESS
16:00	16:45	0.75	16.75	Condition mud & circulate	CONDITION MUD & CIRCULATE
16:45	17:00	0.25	17.00	Safety meeting	SAFETY MEETING PRIOR TO CEMENT JOB
17:00	18:00	1.00	18.00	Cementing	CEMENTING
18:00	18:15	0.25	18.25	Safety meeting	HANDOVER SAFETY MEETING
18:15	18:30	0.25	18.50	Pressure test CSG/shoe	PRESSURE TEST SURFACE CASING WITH CEMENT TRUCK, CASING TESTED TO 16,000KPA TEST HELD FOR 5 MIN



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/20/2010

Report #: 10.0

Depth Progress: 18.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 49,218

Cum Cost to Date: 757,543

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15		Rig Release Date	DFS: 4.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
18:30	18:45	0.25	18.75	Cementing	FINISH CEMENTING ,TEAR OPUT CEMENTER ,FLUSH DIVERTER, BLOW WATER OUT OF CASING.
18:45	00:00	5.25	24.00	Wait on cement	WAIT ON CEMENT . CEMENT DATA: 33T OF 0-1-1 G, DENSITY 1901KG/M3, VOLUME PUMPED = 25M3, + 105% CaCL2 (PRE BLEND). PLUG BUMPED @ 18:14 HRS @ 7500KPA

MUD CHECKS

Low Gravity Solids (%) 195.0	MBT (kg/m³) 128	Oil Water Ratio	Chlorides (mg/L) 500	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.3	Solids (%) 7.5	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 Cost 559	Mud Cum To Date 5,210	
Depth (mKB) 378.20	Density (kg/m³) 1130.0	Funnel Viscosity (s/L) 52	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
Millzan	500.41	1.0
Sodium Bicarbonate	29.46	2.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa) 1,400	Slow Speed Check? Yes	Strokes (spm) 65
		Volumetric Efficiency (%)
Pressure (kPa) 0	Slow Speed Check? Yes	Strokes (spm) 69
		Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 90
		Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 85
		Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
		Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
		Volumetric Efficiency (%)

BIT SUMMARY

Bit Run 1	Bit Type Bit	Size (mm) 311.0	Make VAREL	Model HE04JMRSV	Serial Number 253625	IADC Codes ---
Nozzles (mm) 14.3/14.3/14.3	Depth In (mKB) 31.20	Depth Out (mKB) 378.20	Depth Drilled (m) 352.00	Drilling Time (hrs) 30.50	BHA ROP (m/hr) 11.5	IADC Bit Dull -----

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			8	153.08	368.29
HWDP(4.0 IN)	0.7	135.0	6	55.40	215.21
X/O	0.6	158.0	1	0.26	159.81
DC (6.25 IN)	0.6	158.0	9	81.58	159.55
JARS-HYD/MECH	0.7	158.0	1	5.20	77.97
SHORT 6.25 DC	0.6	158.0	1	4.61	72.77
DC (6.25 IN)	0.7	158.0	4	36.75	68.16
TELADRIFT	0.6	158.0	1	2.61	31.41
DC (6.25 IN)	0.6	158.0	1	9.14	28.80
BELL SUB	0.7	158.0	1	0.76	19.66
DC (8.00 IN)	0.7	212.0	2	17.90	18.90
BIT SUB	0.7	221.0	1	0.70	1.00



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/20/2010

Report #: 10.0

Depth Progress: 18.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 49,218

Cum Cost to Date: 757,543

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 4.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m)	

DRILLING SUMMARY

Depth Start (mKB) 360.20	Depth End (mKB) 378.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 6,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 130	Motor RPM (rpm)	Bit RPM (rpm) 130	Slack-Off Hook Load (daN)	Drilling Time (hrs) 1.00		

SAFETY CHECKS

Date	Type	Description
1/20/2010	Safety Meeting	OVERHEAD SNAGS
1/20/2010	Safety Meeting	CATWALK DANGERS

SAFETY INCIDENTS

Date	Comment	Type

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°30m)
1/20/2010	350.20	0.50	0.00	350.19	2.84	0.00	2.84	0.00

FORMATIONS

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



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/21/2010

Report #: 11.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 42,690

Cum Cost to Date: 867,828

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 5.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 378.2	Depth End (mKB) 378.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -10	Lease Condition	

Operation at 6am

CONDUCTING H2S AND PRE DRILL OUT MEETING

Operations Summary

FINISHED WOC. (TOTAL 6.5HRS)

NIPPLE DOWN AND REMOVE DIVERTER, CUT AND REMOVED DIVERTER FLANGE

PREP CASING AND WELDED CASING BOWL, INITIAL PRESSURE TEST FAILED, WELDER GROUND OUT AND RE-WELDED, PRESSURE TEST SOLID AT 7000kPa

BOP NIPPLE UP WENT NOT TO BADLY FOR FIRST ONE WITH ALL NEW EQUIPMENT.

INSTALLED UPPER KELLY COCK AS PER NWT REGULATION

PRESSURE TESTED MANIFOLD AND BOP STACK 1500kpa LOW AND 14,000kpa HIGH

Operations Next Report Period

DRILL OUT 219MM CASING,

Remarks

FLOOR HAND PINCHED LEG REMOVING FLOWLINE, VISITED MEDIC RETURNED TO WORK IMMEDIATELY. STOPPED JOB HELD SAFETY MEETING WITH CREW.

BOP HYDRAULIC LINE SPLIT OPEN, 40L HYDRAULIC OIL SPRAYED IN SUBSTRUCTURE, SPILL CONTAINED AND CLEANED UP. REPORTED BOTH INCIDENTS TO FIELD HSE HAND.

HAULED 6 1/2 LOADS OF CUTTINGS TO THE SUMP, TRANSPORTED WITH SEALED SIDE DUMP TRAILER.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	01:00	1.00	1.00	Wait on cement	WOC. TOTAL OF 6.25 HRS. CLEANED MUD TANKS
01:00	01:15	0.25	1.25	Safety meeting	SAFETY MEETING PRIOR TO TEAR OUT DIVERTER
01:15	03:45	2.50	3.75	Nipple up/down diverter system	NIPPLE /DOWN DIVERTER SYSTEM, CUT CASING CUT CONDUCTOR, PREP TO CUT CASING
03:45	06:00	2.25	6.00	Other	WELD ON CASING BOWL, AND TEST
06:00	06:15	0.25	6.25	Safety meeting	SAFETY MEETING HAND OVER, REVIEW NIPPLE UP PROCEDURES
06:15	07:15	1.00	7.25	Other	GRIND OUT AND RE-WELD BOWL
07:15	07:30	0.25	7.50	Pressure test BOPs	PRESSURE TEST CASING BOWL @ 7000KPA, GAUGE SOLID, HELD FOR 5 MIN
07:30	08:00	0.50	8.00	Nipple up BOPs	NIPPLE UP BOPs , NEW STACK TO DRILLING RIG
08:00	14:30	6.50	14.50	Nipple up BOPs	RIG UP NEW CHOKE LINES AND HCR TO MANIFOLD AND DRILLING SPOOL
14:30	14:45	0.25	14.75	Safety meeting	SAFETY MEETING PRIOR TO PRESSURE TESTING MANIFOLD
14:45	16:00	1.25	16.00	Test BOP	TEST MANIFOLD @ 1500KPA LOW AND 14000KPA HIGH, MOVE DRILL COLLARS TO ACCESS KELLY, NEED TO INSTALL UPPER KELLY COCK AS PER NWT DRILLING REGULATIONS
16:00	17:45	1.75	17.75	Test BOP	PRESSURE TEST MANIFOLD AND PREP TO INSTALL UPPER KELLY COCK
17:45	18:00	0.25	18.00	Safety meeting	HANDOVER SAFETY MEETING
18:00	23:00	5.00	23.00	Pressure test BOPs	PRESSURE TEST. HCR VALVE , BLIND RAMS ,PIPE RAMS ,TO 1500KPA LOW /14000 KPA HIGH.FOR 15 MIN EACH ACCUM CHECK PRESS AT START/ 21000 KPA/PRESS LEFT AFTER 3 TEST ,10500 KPA,TIME TO RECHARGE 57 SEC,PRECHARGE 6500 KPA, N2 BOTTLE # 1 2200,#2 2200#3, 1500
23:00	00:00	1.00	24.00	W/O Welder	WELDER COMPLETED FLOW T MODIFICATION



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/21/2010

Report #: 11.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 42,690

Cum Cost to Date: 867,828

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 5.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

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 Cost		Mud Cum To Date 5,210
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

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

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (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 Hook Load (daN)		Drilling Time (hrs)	

SAFETY CHECKS		
Date	Type	Description
1/21/2010	Safety Meeting	USING SAFETY SLINGS
1/21/2010	Safety Meeting	ROTARY TABLE LOCKOUT
1/22/2010	Safety Meeting	B.O.P DRILL

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (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 M-74

Business Unit: NE BC & NWT COU

Rig: 436 PRECISION DRILLING, DIV OF PDC

Report For: 1/21/2010

Report #: 9.0

Depth Progress: 154.00

Total AFE Amount: 1,789,656.00

AFE Number: 09N010005

Daily Cost: 28,901

Cum Cost to Date: 801,792

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License No. 2063
Spud Date 1/17/2010 07:30	Rig Release Date		DFS: 4.69 days
Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13	KB-Casing Flange Distance (m) 3.97	

Daily Operations							
Depth Start (mKB)	378.0	Depth End (mKB)	532.0	Target Formation	Sulphur Point	Target Depth (mKB)	1,465.00
Weather	OVERCAST	Temperature (°C)	-12	Lease Condition			
Operation at 6am DRILLING TO 627m AT 20m/hr WITH 25% - 100% LOSSES							
Operations Summary COMPLETE BOP TEST 1500kpa LOW AND 14000kpa HIGH TEST, RIH TO 356M AND DRILL CEMENT AND FLOAT COLLAR AT 363m. HELD BOP DRILL. DRILL OUT FLOAT AT 377m. DRILL FROM 378m - 413m. POOH INTO CASING AT 363. CHANGE CHOKE LINE DIRECTIONAL BLOCKS. PRESSURE TEST CHOKE LINE TO 1500kpa LOW AND 14000kpa HIGH. RIH TO BOTTOM AT 413m. DRILL FROM 413m - 475m. HELD BOP DRILL WITH NIGHT SHIFT. DRILL FROM 475m - 523m							
Operations Next Report Period DRILL AHEAD WITH LOSSES							
Remarks LOST TIME - 0.25hr TRANSMISSION REPAIR, 2.5hr CHANGE BLOCKS ON CHOKE LINE, 0.25hr CHANGE SWIVEL WASHPIPE PACKING. HELD H2S SCBA PACK DONNING DRILLS WITH ALL PERSONNEL ON LOCATION.							
Avg Connection Gas (Units)		Avg Background Gas (Units)		Avg Trip Gas (Units)		Max H2S (Units)	

DAILY CONTACTS			
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 403-451-7082	
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-860-2645	

TIME LOG SUMMARY					
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	03:30	3.50	3.50	Test BOP	TEST BOP, TEST PIPE RAMS, ANNULAR PREVENTER, 1500KPA LOW, 14000KPA HIGH AS PER NEB REGULATIONS,
03:30	05:15	1.75	5.25	Trips	TRIPS, RIH
05:15	05:30	0.25	5.50	Drills/BOP, etc.	DRILLS/BOP, WELL SECURE 65 SECONDS
05:30	08:00	2.50	8.00	Drill cement/drill out cement/drill float&shoe	DRILL CEMENT/DRILL OUT CEMENT/DRILL FLOAT&SHOE
08:00	10:30	2.50	10.50	Drill cement/drill out cement/drill float&shoe	DRILL CEMENT/DRILL OUT CEMENT/DRILL FLOAT&SHOE
10:30	11:00	0.50	11.00	Drills/BOP, etc.	DRILLS/BOP, ETC. WELL SECURE IN 68 SECS. SAFETY MEETING WITH RAMS INT. PARAMONT RESOURCES, ALL PERSONNEL
11:00	11:15	0.25	11.25	Rig Service	RIG SERVICE FUNCTIONED PIPE RAMS C/O 4 SECS
11:15	13:15	2.00	13.25	Drill	DRILL 200MM HOLE FROM 378 METERS TO 408 METERS
13:15	13:30	0.25	13.50	Rig Repair	RIG REPAIR. CHANGE OIL LINE ON TRANNY.
13:30	13:45	0.25	13.75	Drill	DRILL 200MM HOLE FROM 408 METERS TO 413 METERS
13:45	14:00	0.25	14.00	Condition mud & circulate	CIRCULATE BOTTOMS UP. PULL UP INTO CASING
14:00	14:30	0.50	14.50	Trip out of hole	PULL UP INTO CASING. SWITCH BLOCKS AROUND ON MANIFOLD LINE. FLOW CHECK AT 405M. 370M
14:30	15:30	1.00	15.50	Other	SWITCH BLOCKS AROUND ON MANIFOLD LINE
15:30	16:15	0.75	16.25	Pressure test BOPs	PRESSURE TEST MANIFOLD LINE. HCR LINE
16:15	19:30	3.25	19.50	Drill	DRILL 200MM HOLE FROM 413M TO 475M
19:30	20:00	0.50	20.00	Deviation survey	DEVIATION SURVEY (ACCUMULATIVE)
20:00	20:15	0.25	20.25	Drills/BOP, etc.	DRILLS/BOP, WELL SECURE 50 SECONDS
20:15	20:30	0.25	20.50	Safety meeting	SAFETY MEETING WITH RAMS SERVICES, H2S ALARM DRILL
20:30	21:00	0.50	21.00	Drill	DRILL 200mm HOLE FROM 475 - 485M
21:00	21:45	0.75	21.75	Rig Repair	RIG REPAIR, CHANGE SWIVEL WASH PIPE PACKING
21:45	23:30	1.75	23.50	Drill	DRILL 200mm HOLE FROM 485 - 532M



Daily Drilling

Well Name: PARA ET AL CAMERON M-74

Business Unit: NE BC & NWT COU

Rig: 436 PRECISION DRILLING, DIV OF PDC

Report For: 1/21/2010

Report #: 9.0

Depth Progress: 154.00

Total AFE Amount: 1,789,656.00

AFE Number: 09N010005

Daily Cost: 28,901

Cum Cost to Date: 801,792

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License No. 2063
Spud Date 1/17/2010 07:30	Rig Release Date	DFS: 4.69 days	
Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13	KB-Casing Flange Distance (m) 3.97	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
23:30	00:00	0.50	24.00	Deviation survey	DEVIATION SURVEY (ACCUMULATIVE)

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 Cost	Mud Cum To Date 3,890		
Depth (mKB) 492.00	Density (kg/m³) 1000.0	Funnel Viscosity (s/L) 30	pH 11.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
ALKAPAM		1.0
ENVIROFLOC CODE 1065		10.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 152.4	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm)
Pump Number 2	Rod Diameter (mm) 139.7	Pump Rating (kW) 800.0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm)

BIT SUMMARY

Bit Run 2	Bit Type Bit	Size (mm) 200.0	Make VAREL	Model VTD513HX	Serial Number 4001140	IADC Codes ---
Nozzles (mm)	Depth In (mKB) 378.00	Depth Out (mKB) 675.00	Depth Drilled (m) 297.00	Drilling Time (hrs) 17.25	BHA ROP (m/hr) 17.2	IADC Bit Dull -----

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.52	520.22
Drill pipe - Stands			17	323.09	510.70
HWDP		133.0	6	55.79	187.61
X/O		163.0	1	0.28	131.82
DC (6.25 IN)		158.0	8	72.15	131.54
JARS-HYD		166.0	1	5.51	59.39
SHORT DC		166.0	1	4.61	53.88
DC (6.25 IN)		158.0	5	45.58	49.27
TELEDRIFT		154.0	1	2.47	3.69
BIT SUB		161.0	1	0.91	1.22

DRILLING SUMMARY

Depth Start (mKB) 378.00	Depth End (mKB) 475.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 3,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 65	Motor RPM (rpm)	Bit RPM (rpm) 65	Slack-Off Hook Load (daN)	Drilling Time (hrs) 8.00		
Depth Start (mKB) 475.00	Depth End (mKB) 532.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 3,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 90	Motor RPM (rpm)	Bit RPM (rpm) 90	Slack-Off Hook Load (daN)	Drilling Time (hrs) 2.25		

SAFETY CHECKS

Date	Type	Description
1/21/2010	Safety Meeting	H2S DETECTION/ALARM SYSTEM

SAFETY INCIDENTS

Date	Comment	Type



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON M-74

Business Unit: NE BC & NWT COU

Rig: 436 PRECISION DRILLING, DIV OF PDC

Report For: 1/21/2010

Report #: 9.0

Depth Progress: 154.00

Total AFE Amount: 1,789,656.00

AFE Number: 09N010005

Daily Cost: 28,901

Cum Cost to Date: 801,792

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License No. 2063
Spud Date 1/17/2010 07:30	Rig Release Date		DFS: 4.69 days
Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13	KB-Casing Flange Distance (m) 3.97	

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)
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SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
1/21/2010	388.00	1.50	0.00	387.91	7.03	0.00	7.03	0.36
1/21/2010	435.00	2.00	0.00	434.89	8.46	0.00	8.46	0.32
1/21/2010	482.00	3.00	0.00	481.85	10.51	0.00	10.51	0.64
1/21/2010	530.00	3.00	0.00	529.78	13.03	0.00	13.03	0.00

FORMATIONS

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

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/22/2010

Report #: 12.0

Depth Progress: 154.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 32,803

Cum Cost to Date: 900,620

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 6.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations				
Depth Start (mKB) 378.2		Depth End (mKB) 532.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR		Temperature (°C) -19	Lease Condition	
Operation at 6am BUILDING VOLUME				
Operations Summary COMPLETED PRESSURE TESTING BOTH CREWS HELD BOP DRILL DRILLED OUT, TAGGED CEMENT AT 351M, DRILLED OUT FLOAT AND SHOE DRILLED 200MM HOLE FROM 378M TO 532M				
Operations Next Report Period DRILLING 200MM HOLE BLIND				
Remarks NO ACCIDENTS OR INCIDENTS H2S DRILL AND EQUIPMENT FUNCTION TEST CONDUCTED WITH RAIME'S SAFETY				
Avg Connection Gas (Units)		Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)

DAILY CONTACTS			
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725	
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751	

TIME LOG SUMMARY					
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE CHECK PIPE RAM 2 SEC TO CLOSE
00:15	01:45	1.50	1.75	Other	REPAIR MODIFIED FLOW T
01:45	02:00	0.25	2.00	Safety meeting	B.O.P DRILL WITH CREW PRIOR TO RUN IN TO DRILL OUT,
02:00	03:30	1.50	3.50	Trip in hole	MAKE UP B.H.A+TRIP IN HOLE WITH BIT 2
03:30	04:00	0.50	4.00	Other	BRAKE OFF KELLY & INSTALL NEW UPPER KELLY COCK.
04:00	04:30	0.50	4.50	Pressure test BOPs	PRESSURE TEST UPPER KELLY COCK TO 1500 KPA LOW AND 14000 KPA HIGH.5 MIN EACH
04:30	06:00	1.50	6.00	Trip in hole	TRIP IN HOLE WITH BIT # 2
06:00	06:15	0.25	6.25	Safety meeting	HELD H2S SAFETY MEETING WITH RAIMES SAFETY AND BOTH CREWS
06:15	07:30	1.25	7.50	Safety meeting	CONDUCT H2S DRILL, TEST FIRE SYSTEM AND ALARMS, COMPLETE FINAL HAZARD HUNT
07:30	08:00	0.50	8.00	Drill cement/drill out cement/drill float&shoe	DRILL CEMENT/DRILL OUT CEMENT/DRILL FLOAT&SHOE. TAGGED CEMENT @ 349M
08:00	10:45	2.75	10.75	Drill cement/drill out cement/drill float&shoe	DRILL CEMENT/DRILL OUT CEMENT/DRILL FLOAT&SHOE
10:45	11:15	0.50	11.25	Safety meeting	SAFETY MEETING(BOP DRILL) HAZARD HUNT. FUNCTION HYDRIL CLOSED IN
11:15	11:30	0.25	11.50	Rig Service	RIG SERVICE, LEVEL RIG
11:30	15:45	4.25	15.75	Drill	DRILL FROM 378M TO 427M
15:45	16:00	0.25	16.00	Deviation survey	DEVIATION SURVEY
16:00	17:30	1.50	17.50	Drill	DRILL FROM 427M TO 456 M
17:30	17:45	0.25	17.75	Rig Service	RIG SERVICE CLOSED OUTSIDE VALVE& FUNCTION HCR 2 SEC OPEN
17:45	18:00	0.25	18.00	Safety meeting	HANDOVER SAFETY MEETING
18:00	00:00	6.00	24.00	Drill	DRILL FROM 456M TO 532M



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/22/2010

Report #: 12.0

Depth Progress: 154.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 32,803

Cum Cost to Date: 900,620

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: 6.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

SAFETY CHECKS		
Date	Type	Description
1/22/2010	Safety Meeting	CELLER PINCH POINTS

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA									
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)	
1/22/2010	399.20	0.50	0.00	399.19	3.26	0.00	3.26	0.00	
1/22/2010	520.20	0.50	0.00	520.18	4.32	0.00	4.32	0.00	

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



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/23/2010

Report #: 13.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 32,257

Cum Cost to Date: 933,007

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 7.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 532.2	Depth End (mKB) 532.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
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Weather CLEAR	Temperature (°C) -20	Lease Condition
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Operation at 6am

BUILDING VOLUME

Operations Summary

DRILLED FROM 532M TO 695M
ENCOUNTERED FIRST SIGNS OF LOSS CIRCULATION AT 560M
HAD NO RETURNS AT SURFACE SINCE 584M

HAULING WITH 4 WATER AND ONE VACCUM TRUCK

PUMPED 1058 M3 DOWN HOLE

926 M3 FRESH WATER

90 M3 CALCIUM WATER STORED @ M-74

42 M3 STORED SURFACE MUD

Operations Next Report Period

DRILL TO 750M+/-, RUN CEMENT PLUGS

Remarks

NO ACCIDENTS OR INCIDENTS
MIXED SAWDUST DURING THE WHOLE LOSS PROCESS

CONTROL DRILLED @ 20M/HR, HOLE TIGHT WITH ROPS OVER 20M/HR

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE, FUNCTION ANNULAR, 13 SEC TO CLOSE
00:15	06:00	5.75	6.00	Drill	DRILL FROM 532M TO 597M, STARTED LOSING CIRCULATION AT 560M. LOST RETURNS @ 584M
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	08:00	1.75	8.00	Other	BUILD VOLUME AND WORK DRILL STRING
08:00	10:45	2.75	10.75	Drill	DRILL AHEAD BLIND FROM 597M TO 627M ZERO RETURNS
10:45	13:45	3.00	13.75	Other	BUILD VOLUME AND WORK DRILL STRING
13:45	14:00	0.25	14.00	Rig Service	RIG SERVICE FUNCTION PIPE RAMS 3 SEC TO CLOSE
14:00	16:00	2.00	16.00	Drill	DRILL AHEAD BLIND FROM 597M TO 650M
16:00	16:15	0.25	16.25	Rig Service	RIG SERVICE FUNCTION HCR 1sec TO OPEN
16:15	18:00	1.75	18.00	Other	BUILD VOLUME AND WORK DRILL STRING
18:00	18:15	0.25	18.25	Safety meeting	HANDOVER SAFETY MEETING
18:15	19:00	0.75	19.00	Other	BUILD VOLUME AND WORK DRILL STRING
19:00	19:15	0.25	19.25	Drill	DRILL AHEAD BLIND FROM 650 M TO 657
19:15	21:45	2.50	21.75	Other	BUILD VOLUME AND WORK DRILL STRING
21:45	22:00	0.25	22.00	Deviation survey	DEVIATION SURVEY
22:00	00:00	2.00	24.00	Drill	DRILL AHEAD BLIND FROM 657 M TO 695M



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/23/2010

Report #: 13.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 32,257

Cum Cost to Date: 933,007

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15		Rig Release Date	DFS: 7.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

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) 1,058.00	Cum Mud Lost to Hole (m³) 1,058.00	Daily Mud Cost 800	Mud Cum To Date 6,584		
Depth (mKB)	Density (kg/m³) 1005.0	Funnel Viscosity (s/L) 26	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
Alkapam 1103D	211.93	1.0
Sawdust	6.53	90.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 110
		Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 93
		Volumetric Efficiency (%)
Pressure (kPa) 1,400	Slow Speed Check? Yes	Strokes (spm) 69
		Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
		Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
		Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
		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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

DRILL STRING COMPONENTS

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

Depth Start (mKB)	Depth End (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 Hook Load (daN)	Drilling Time (hrs)		

SAFETY CHECKS

Date	Type	Description
1/23/2010	Safety Meeting	WSLIPS AND FALLS
1/23/2010	Safety Meeting	HIGH PRESSURE LINES

SAFETY INCIDENTS

Date	Comment	Type
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WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (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	532.00	531.98



Paramount
resources ltd.

Daily Drilling - Detail (legal size)

Report Start Date: 1/24/2010

Report #: 14.0, DFS: 8.03

Depth Progress: 0.00

Well Name: PARA ET AL CAMERON H-06

API/ULI 300H06601011730	Surface Legal Location 300H06601011730	License No. 2064	State/Province NT
Spud Date 1/16/2010 23:15	Rig Release Date	KB-Ground Distance (m) 4.80	KB-Casing Flange Distance (m) 4.30
Weather CLEAR	Temperature (°C) -31	Road Condition FAIR	Hole Condition GOOD

Operation at 6am
CIRCULATING AT THE SHOE WHILE WAITING ON CEMENT

Operations Next Report Period
PUMP SECOND CEMENT PLUG, WOC, DRILL OUT CEMENT

Operations Summary

DRILLED AHEAD BLIND FROM 691M TO 752M
AT TD STOPPED, STOPPED AND FILLED MUD TANKS PRIOR TO TRIPPING OUT TO RUN PLUGS
PICKED UP 22 SINGLES AND RAN TO BOTTOM WITH 102MM DRILL PIPE
PUMPED 2M3 WATER, 2M3 VIS SWEEP, 5.9M3 OF LCS 1820 BLEND CEMENT + 3%LCC-1, DISPLACED
WITH 3.7M3 WATER, TRIPPED OUT TO THE SHOE
CIRCULATED AT THE SHOE UNTIL STARTED LOOSING CIRCULATION (LOST 15M3)

Remarks

NO ACCIDENTS OR INCIDENTS
PUMPED 255M3 WATER TO DRILL THE LAST 61M OF HOLE

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble.	Problem Time (hrs)	Problem Ref #	Comment
00:00	0.25	0.25	00:15	7	Rig Service				RIG SERVICE, FUNCTIONED PIPE RAMS 3 SEC TO CLOSE
00:15	0.75	1.00	01:00	2	Drill				DRILL AHEAD BLINDFROM 691M TO 705 M
01:00	5.00	6.00	06:00	25	Other				BUILD VOLUME AND WORKED PIPE
06:00	0.25	6.25	06:15	21	Safety meeting				HAND OVER SAFETY MEETING
06:15	0.75	7.00	07:00	25	Other				BUILD VOLUME AND WORK PIPE
07:00	1.00	8.00	08:00	2	Drill				DRILL AHEAD BLIND FROM 705M TO 714M
08:00	2.25	10.25	10:15	2	Drill				DRILL AHEAD BLIND FROM 714M TO 752m
10:15	2.00	12.25	12:15	25	Other				BUILD VOLUME PRIOR TO TRIPPING OUT OF THE HOLE
12:15	0.25	12.50	12:30	7	Rig Service				RIG SERVICE BLIND RAMS 3 SEC TO CLOSE (OUT OF THE HOLE)
12:30	3.50	16.00	16:00	6B	Trip out of hole				TRIP OUT OF HOLE (STRAP OUT), BLOW KELLY RIG UP FLOOR TO TRIP.FLOW CHECK AT 752m,702m,363m,0m 10minEACH.
16:00	1.75	17.75	17:45	6A	Trip in hole				TRIP IN HOLE OPEN ENDED FLOW CHECK AT 380m 10min TALLY PIPE IN THE DERICK PICK UP 22 JOINTS OFF DRILL PIPE.
17:45	0.25	18.00	18:00	21	Safety meeting				HANDOVER SAFETY MEETING
18:00	1.00	19.00	19:00	6A	Trip in hole				TRIP IN HOLE OPEN ENDED TO RUN CEMENT PLUGS
19:00	0.25	19.25	19:15	21	Safety meeting				SAFETY MEETING PRIOR TO PUMP # 1 CEMENT PLUG
19:15	0.50	19.75	19:45	12F	Cement plugs				PUMP 1ST CEMENT PLUG
19:45	0.75	20.50	20:30	6B	Trip out of hole				TRIP OUT OF CEMENT PLUG & PULL TO CASING SHOE
20:30	3.00	23.50	23:30	5	Condition mud & circulate				CIRC @ SHOE LOST 15 M3
23:30	0.25	23.75	23:45	7	Rig Service				RIG SERVICE FUNCTION HYDRILL 13SEC TO CLOSE
23:45	0.25	24.00	00:00	6A	Trip in hole				TRIP IN HOLE OPEN ENDED TO TAG CEMENT

Mud Checks

Type FLOC	Time 08:00	Depth (mKB) 721.20	Density (kg/m³) 1005.0	Vis (s/L) 25	PV Calc (cp)	YP Calc (Pa)
Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH 8.0	Solids (%)
MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)	
	335.00	255.00				

Drill Strings

Bit Run	Drill Bit	IADC Bit Duit	TFA (incl Noz) (mm²)
Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m)

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread

AFE Number 09N010004	Total AFE Amount 1,790,072.00
Daily Cost Total 32,392	Cum Cost To Date 931,435
Daily Mud Cost	Mud Additive Cost To Date 6,584
Depth Start (mKB) 532.2	Depth End (mKB) 532.2
Depth Start (TVD) (mKB) 532.18	Depth End (TVD) (mKB) 532.18
Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Personnel Hrs (hrs)	Cum Pers Tot Hrs (hrs)
Time Log Total Hours (hrs) 24.00	Problem Time Hours (hrs)
Percent Problem Time (%)	Cum Prob Time (%)
Days LTI (days)	Days RI (days)

Daily Contacts

Job Contact	Mobile
ERICK BIGRAS	866.772.1751
JOSH BLINSTON	866.935.3725

Personnel Log

Type	Count	Tot Time (hrs)
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Safety Check Summary

Type	Last Date
Safety Meeting	1/24/2010

Rigs

Contractor PRECISION DRILLING, DIV OF PDC	Rig Number 245
Rig Supervisor ERICK BIGRAS	Phone Mobile 866.772.1751

Mud Pumps

# 1, BPMMP, F-800			
Pwr (kW)	Rod Dia (mm)	Stroke (mm)	
	63.5	229.0	
Liner Size (mm)	Vol/Stk OR (m³/stk)		
152.0			
Pres (kPa)	Slow Spd	Strokes (sp...)	Eff (%)
	No	0	
# 2, BPMMP, F-800			
Pwr (kW)	Rod Dia (mm)	Stroke (mm)	
	63.5	229.0	
Liner Size (mm)	Vol/Stk OR (m³/stk)		
152.0			
Pres (kPa)	Slow Spd	Strokes (sp...)	Eff (%)
	No	0	

Mud Additive Amounts

Description	Cost (Jun)	Consumed
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Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
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Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)
Wabamun Grp	533.00	532.00

Last Casing String

Casing Description	Run Date	Set Dept.
Surface	1/20/2010	377.00



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/25/2010

Report #: 15.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 55,932

Cum Cost to Date: 997,755

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 9.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 427.2	Depth End (mKB) 427.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -27	Lease Condition	

Operation at 6am

DRILLING CEMENT @ 721M

Operations Summary

TRIPPED IN FROM THE SHOE TAGGED BOTTOM CEMENT PLUG @ 663M
PUMPED SECOND CEMENT PLUG
2M3 PREFLUSH @ .2M3 VISWEEP, 3.4M3 (4t) OF LCS 1820, DENSITY 1820 KG/M3
TRIPPED OUT TO THE SHOE AND CIRCULATED @ 1M3/MINUTE, NO LOSSES WHILE CIRCULATING
WHILE TRIPPING OUT TO PICK UP BHA, THE DRAWWORKS HAD MECHANICAL PROBLEMS, SPENT 2.75HRS REPAIRING
PICKED UP BHA AND TRIPPED IN THE HOLE, TAGGED GOOD CEMENT @ 550M
LAYED OUT 22 SINGLES OF DRILL PIPE TO DRILL OUT
SWIVEL AND KELLY FROZEN, SPENT 1.25 HOURS TO THAW
DRILLED OUT CEMENT FROM 550M TO 624M

Operations Next Report Period

DRILL OUT CEMENT TO 752M, DRILL NEW 200MM HOLE

Remarks

NO ACCIDENTS OR INCIDENTS

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Trip in hole	TRIP IN HOLE OPEN END TAG CEMENT @663 M
00:15	00:30	0.25	0.50	Rig Service	RIG SERVICE/ CLOSE OUTSIDE VALVE& CHECK H.C.R VQALVE 1 SEC OPEN.
00:30	00:45	0.25	0.75	Pre-job safety	PRE-JOB SAFETY ON RUNNIG CEMENT PLUG#2
00:45	01:30	0.75	1.50	Cement plugs	CEMENT PLUGS #2 FROM 663MTO 553 M
01:30	06:00	4.50	6.00	Condition mud & circulate	CIRC @ 365M SLIP AND CUT WHILE CIRCULATING
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	08:00	1.75	8.00	Condition mud & circulate	CIRCULATE @ THE CASING SHOE, NO LOSSES WHILE CIRCULATING
08:00	08:15	0.25	8.25	Other	BLOW OUT 2" CIRCULATING LINE. LINE PREPARE TO TRIP OUT
08:15	09:15	1.00	9.25	Trips	TRIP OUT TO PICK UP BHA
09:15	12:00	2.75	12.00	Downtime - Hoisting / lifting	HOISTING CLUTCH CHANGE CONTROL, CLEAN OUT SHUTTER VALVE AND CLEAN PLUNGER VALVE RINSTALLED AND CHANGED AIR HOSE TO CONTROL AND FIXED PROBLEM.PICK UP TOOLS AND PUT AWAY.
12:00	12:15	0.25	12.25	Rig Service	RIG SERVICE FUNCTION PIPE RAMS 3 SEC TO CLOSE
12:15	15:00	2.75	15.00	Trips	TRIP IN TO TAG CEMENT, TAGGED @ 550M
15:00	15:45	0.75	15.75	Lay down drill pipe	LAY DOWN DRILL PIPE SIDEWAYS(22 SINGLES)
15:45	16:00	0.25	16.00	Trip in hole	TRIP IN HOLE (11 STANDS)
16:00	16:15	0.25	16.25	Trip in hole	TRIP IN HOLE, FINISH TRIPPING IN, PREPARE TO DRILL OUT CEMENT
16:15	17:30	1.25	17.50	Other	THAW FROST PLUG IN KELLY (KELLY SAT FOR OVER 16 hrs)KELLY SPINNER FROZEN.
17:30	18:00	0.50	18.00	Other	BRAKE CERCULATION AND DRILL OUT CEMENT
18:00	18:15	0.25	18.25	Safety meeting	HANDOVER SAFETY MEETING
18:15	23:45	5.50	23.75	Other	DRILL OUT CEMENT. FROM 550 TO 624 M
23:45	00:00	0.25	24.00	Deviation survey	, .50 DEG



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/25/2010

Report #: 15.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 55,932

Cum Cost to Date: 997,755

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 9.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

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) 1,313.00		Daily Mud Cost		Mud Cum To Date 6,584
Depth (mKB)	Density (kg/m³) 1000.0	Funnel Viscosity (s/L) 28	pH 11.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa) 300	Slow Speed Check? Yes	Strokes (spm) 69	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa) 360	Slow Speed Check? Yes	Strokes (spm) 69	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

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

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (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 Hook Load (daN)		Drilling Time (hrs)	

SAFETY CHECKS		
Date	Type	Description
1/25/2010	Safety Meeting	GOOD COMMUNICATION
1/25/2010	Safety Meeting	RIGGER GLOVES

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY						
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (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 H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/26/2010

Report #: 16.0

Depth Progress: 195.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 31,618

Cum Cost to Date: 1,038,584

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 10.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 752.0	Depth End (mKB) 947.0	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
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Weather CLEAR	Temperature (°C) -19	Lease Condition
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Operation at 6am

DRILLING AHEAD @ 1029M

Operations Summary

DRILLED CEMENT FROM 623M TO 753M
LOST 15M3 @ 715M WHILE DRILLING CEMENT
DRILLED 200MM HOLE FROM 752M TO 947M

Operations Next Report Period

WIPER TRIP @ 1100M, MUD UP, DRILL AHEAD

Remarks

NO ACCIDENTS OR INCIDENTS
HOLE DEPTH CHANGED BY ONE SINGLE 60M OUT OF THE SHOE, GEO INFORMED

DFO AND INAC OUT TO VISIT, THEY RECEIVED A SITE TOUR, THEY SEEMED VERY INTERESTED AND PLEASED WITH THE OPERATION

PROPANE FITTING ON B CAMP CYLINDER HAS A LEAK, AREA SEALED OFF, AIR BEING MONITORED BY RAIMS SAFETY. NEUFELD ON THE WAY OUT WITH NEW TANK, GAS FITTER AND PROPANE TRUCK.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE FUNCTION HYDRILL 12 SEC CLOSE
00:15	06:00	5.75	6.00	Other	DRILL CEMENT FROM 623M TO 724M
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	07:45	1.50	7.75	Other	DRILL CEMENT FROM 724M TO 743M
07:45	08:00	0.25	8.00	Deviation survey	DEVIATION SURVEY
08:00	08:45	0.75	8.75	Other	DRILL CEMENT FROM 743M TO 752M
08:45	16:00	7.25	16.00	Drill	DRILL FROM 752M TO 845M
16:00	17:45	1.75	17.75	Drill	DRILL FROM 845M TO 876M
17:45	18:00	0.25	18.00	Safety meeting	HANDOVER SAFETY MEETING
18:00	23:15	5.25	23.25	Drill	DRILL FROM 876M TO 943M
23:15	23:30	0.25	23.50	Rig Service	RIG SERVICE FUNCTION PIPE RAM 2 SEC CLOSE
23:30	23:45	0.25	23.75	Drill	DRILL FROM 943M TO 947M
23:45	00:00	0.25	24.00	Deviation survey	ACCUM DEVIATION 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)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³) 15.00	Cum Mud Lost to Hole (m³) 1,328.00	Daily Mud Cost 1,886	Mud Cum To Date 8,129		
Depth (mKB) 900.20	Density (kg/m³) 1005.0	Funnel Viscosity (s/L) 29	pH 11.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
DEFOAMER	169.17	1.0
SAWDUST	6.53	30.0



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/26/2010

Report #: 16.0

Depth Progress: 195.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 31,618

Cum Cost to Date: 1,038,584

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 10.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed
ALKAPAM A-1103D	211.93	1.0
CALCIUM NITRATE	43.63	30.0

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa) 69	Slow Speed Check? Yes	Strokes (spm) 69	Volumetric Efficiency (%)
Pressure (kPa) 1,990	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pressure (kPa) 2,900	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)

BIT SUMMARY						
Bit Run 2	Bit Type Bit	Size (mm) 200.0	Make VAREL	Model VTD513HX	Serial Number 4000297	IADC Codes 5-1-3-
Nozzles (mm)	Depth In (mKB) 378.20	Depth Out (mKB) 947.00	Depth Drilled (m) 630.80	Drilling Time (hrs) 49.25	BHA ROP (m/hr) 12.8	IADC Bit Dull 2-2-CC-G-X-0-NO...

DRILL STRING COMPONENTS						
Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)	
Drill pipe - Singles			1	9.32	1,065.57	
Drill pipe - Stands			28	535.06	731.52	
Drill Pipe	82.3	101.6	17	324.73	1,056.25	
HWDP(4.0 IN)	0.7	135.0	6	55.40	196.46	
X/O	0.6	158.0	1	0.26	141.06	
DC (6.25 IN)	0.6	158.0	9	81.58	140.80	
JARS-HYD/MECH	0.7	158.0	1	5.20	59.22	
SHORT 6.25 DC	0.6	158.0	1	4.61	54.02	
DC (6.25 IN)	0.7	158.0	5	45.87	49.41	
TELADRIFT	0.6	158.0	1	2.61	3.54	
BIT SUB	0.7	221.0	1	0.73	0.93	

DRILLING SUMMARY						
Depth Start (mKB) 752.00	Depth End (mKB) 947.00	ROP Instantaneous (min/m) 2,000	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 85	Motor RPM (rpm)	Bit RPM (rpm) 85	Slack-Off Hook Load (daN)		Drilling Time (hrs) 14.00	
Bit Run 2A	Bit Type Bit	Size (mm) 200.0	Make VAREL	Model VTD513HX	Serial Number 4000297	IADC Codes 5-1-3-
Nozzles (mm) 10.3/10.3/10.3/10...	Depth In (mKB) 752.00	Depth Out (mKB) 1,189.20	Depth Drilled (m) 437.00	Drilling Time (hrs) 39.00	BHA ROP (m/hr) 11.2	IADC Bit Dull 2-2-CC-H-X-0-NO...

DRILL STRING COMPONENTS						
Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)	
Drill Pipe	82.3	101.6	1	9.51	1,015.17	
Drill Pipe	82.3	101.6	1	9.32	1,005.66	
Drill Pipe	82.3	101.6	28	799.96	996.34	
HWDP	69.8	101.6	6	55.38	196.38	
X/O	0.7	158.0	1	0.26	141.00	
Drill Collar	71.4	165.1	9	81.54	140.74	
JARS-HYD/MECH	0.7	158.0	1	5.20	59.20	
Drill Collar	71.4	165.1	1	4.61	54.00	
DC (6.25 IN)	0.7	158.0	5	45.85	49.39	



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/26/2010

Report #: 16.0

Depth Progress: 195.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 31,618

Cum Cost to Date: 1,038,584

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: 10.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
TELADRIFT	0.7	158.0	1	2.61	3.54
BIT SUB	0.7	158.0	1	0.73	0.93

DRILLING SUMMARY

Depth Start (mKB) 752.00	Depth End (mKB) 947.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 2,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 85	Motor RPM (rpm)	Bit RPM (rpm) 85	Slack-Off Hook Load (daN)	Drilling Time (hrs) 14.00		

SAFETY CHECKS

Date	Type	Description
1/26/2010	Safety Meeting	USING FACE SHIELD WHEN USING THE WIRE WHEEL
1/26/2010	Safety Meeting	SIDE SHIELDS
1/27/2010	Safety Meeting	MIXING CHEMICAL

SAFETY INCIDENTS

Date	Comment	Type

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°30m)
1/26/2010	733.20	0.50	0.00	733.17	6.18	0.00	6.18	0.00
1/26/2010	875.20	0.50	0.00	875.17	7.42	0.00	7.42	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	532.00	531.98
Fort Simpson	698.00	697.97



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/27/2010

Report #: 17.0

Depth Progress: 196.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 34,683

Cum Cost to Date: 1,073,267

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 11.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 947.2	Depth End (mKB) 1,143.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -22	Lease Condition	

Operation at 6am

DRILLING AHEAD @ 1170M

Operations Summary

DRILLED FROM 947M TO 1143M

STARTED MUDDING UP @ 1110M

WIPER TRIPPED @ 1143M TO 500M HOLE GOOD COMING OUT

RAN IN AND LAYED DOWN THE 10 STANDS IN THE DERRICK FROM THE CEMENT PLUGS

TRIPPED BACK IN, BRIDGED OFF @ 1088M HAD TO WASH THROUGH

Operations Next Report Period

DRILL AHEAD FROM 1143M

Remarks

NO ACCIDENTS OR INCIDENTS

INAC OUT TO VISIT DRILLING RIG AND SUMP SIGHT

HAD ISSUS MUDDING UP, RESIDUAL CEMENT CAUSING HIGH CALCIUM AND PH

RAN A CHECK SHOT WIRELINE SURVEY TO CONFIRM ACCURACY OF TELEDRIFT

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	05:45	5.75	5.75	Drill	DRILL FROM 947M TO 1029M
05:45	06:00	0.25	6.00	Rig Service	RIG SERVICE FUNCTION PIPE RAMS 3 SEC TO CLOSE
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	08:00	1.75	8.00	Drill	DRILL FROM 1029M TO 1058M
08:00	09:15	1.25	9.25	Drill	DRILL FROM 1058M TO 1077M
09:15	09:30	0.25	9.50	Rig Service	RIG SERVICE FUNCTION HYDRILL 12SEC TO CLOSE
09:30	13:15	3.75	13.25	Drill	CONTINUE DRILL FROM 1077M TO 1124M
13:15	16:00	2.75	16.00	Condition mud & circulate	CONDITION MUD & CIRCULATE (BRING VIS UP TO 45)
16:00	18:00	2.00	18.00	Drill	DRILL FROM 1124 M TO 1143 M
18:00	18:15	0.25	18.25	Safety meeting	HANDOVER SAFETY MEETING
18:15	19:15	1.00	19.25	Condition mud & circulate	CONDITION MUD & CIRCULATE BOTTOMS UP
19:15	19:30	0.25	19.50	Rig Service	RIG SERVICE FUNCTION HCR 1SEC TO OPEN(CLOSE OUTSIDE VALVE.)
19:30	20:45	1.25	20.75	Trip out of hole	PUMP PILL ,BLOW KELLY&TRIP OUT OF HOLE TO 500M FLOW CHECK @ 1131 M,1037 M FLOW CHECK 10min EACH CLACULATED FILL VOLUME .78 M3 MEASURED 2.33 CAL 1.56 M3,DIFFERENCE.77 M3
20:45	21:15	0.50	21.25	Trip in hole	TRIP IN HOLE 191m FLOW CHECK @ 984M FOR 10 MIN
21:15	21:45	0.50	21.75	Deviation survey	RUN CHECK SHOT DEVIATION SURVEY WITH WIRE LINE.73 DEG
21:45	23:00	1.25	23.00	Trip out of hole	LAY DOWN 20 JOINTS OF DP AND WIPER T RIP TO 500m ,FLOW CHECK AT 500m FOR 10 MIN
23:00	00:00	1.00	24.00	Trip in hole	RUN BACK IN THE HOLE W/BIT#2 CLEAN OUT BRIDGE @ 1088 M



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/27/2010

Report #: 17.0

Depth Progress: 196.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 34,683

Cum Cost to Date: 1,073,267

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 11.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

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) 1,328.00		Daily Mud Cost 4,886	Mud Cum To Date 13,015	
Depth (mKB) 1,124.20	Density (kg/m³) 1110.0	Funnel Viscosity (s/L) 32	pH 10.5	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed
ALKAPAM A-1103D	211.93	2.0
SODA ASH	21.19	23.0
CALCIUM NITRATE	43.63	29.0
SAWDUST	6.53	10.0
GEL	14.69	180.0

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa) 2,800	Slow Speed Check? Yes	Strokes (spm) 69	Volumetric Efficiency (%)
Pressure (kPa) 2,851	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pressure (kPa) 3,290	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)

BIT SUMMARY						
Bit Run 2	Bit Type Bit	Size (mm) 200.0	Make VAREL	Model VTD513HX	Serial Number 4000297	IADC Codes 5-1-3-
Nozzles (mm)	Depth In (mKB) 378.20	Depth Out (mKB) 947.00	Depth Drilled (m) 630.80	Drilling Time (hrs) 49.25	BHA ROP (m/hr) 12.8	IADC Bit Dull 2-2-CC-G-X-0-NO-...

DRILL STRING COMPONENTS					
Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.32	1,065.57
Drill pipe - Stands			28	535.06	731.52
Drill Pipe	82.3	101.6	17	324.73	1,056.25
HWDP(4.0 IN)	0.7	135.0	6	55.40	196.46
X/O	0.6	158.0	1	0.26	141.06
DC (6.25 IN)	0.6	158.0	9	81.58	140.80
JARS-HYD/MECH	0.7	158.0	1	5.20	59.22
SHORT 6.25 DC	0.6	158.0	1	4.61	54.02
DC (6.25 IN)	0.7	158.0	5	45.87	49.41
TELADRIFT	0.6	158.0	1	2.61	3.54
BIT SUB	0.7	221.0	1	0.73	0.93

DRILLING SUMMARY						
Depth Start (mKB) 752.00	Depth End (mKB) 947.00	ROP Instantaneous (min/m)	Weight on Bit (daN) 2,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 85	Motor RPM (rpm)	Bit RPM (rpm) 85	Slack-Off Hook Load (daN)	Drilling Time (hrs) 14.00		
Bit Run 2A	Bit Type Bit	Size (mm) 200.0	Make VAREL	Model VTD513HX	Serial Number 4000297	IADC Codes 5-1-3-
Nozzles (mm) 10.3/10.3/10.3/10....	Depth In (mKB) 752.00	Depth Out (mKB) 1,189.20	Depth Drilled (m) 437.00	Drilling Time (hrs) 39.00	BHA ROP (m/hr) 11.2	IADC Bit Dull 2-2-CC-H-X-0-NO-...



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/27/2010

Report #: 17.0

Depth Progress: 196.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 34,683

Cum Cost to Date: 1,073,267

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: 11.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill Pipe	82.3	101.6	1	9.51	1,015.17
Drill Pipe	82.3	101.6	1	9.32	1,005.66
Drill Pipe	82.3	101.6	28	799.96	996.34
HWDP	69.8	101.6	6	55.38	196.38
X/O	0.7	158.0	1	0.26	141.00
Drill Collar	71.4	165.1	9	81.54	140.74
JARS-HYD/MECH	0.7	158.0	1	5.20	59.20
Drill Collar	71.4	165.1	1	4.61	54.00
DC (6.25 IN)	0.7	158.0	5	45.85	49.39
TELADRIFT	0.7	158.0	1	2.61	3.54
BIT SUB	0.7	158.0	1	0.73	0.93

DRILLING SUMMARY

Depth Start (mKB) 947.20	Depth End (mKB) 1,058.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 4,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 85	Motor RPM (rpm)	Bit RPM (rpm) 85	Slack-Off Hook Load (daN)	Drilling Time (hrs) 7.50		
Depth Start (mKB) 1,058.20	Depth End (mKB) 1,124.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 4,500	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 85	Motor RPM (rpm)	Bit RPM (rpm) 85	Slack-Off Hook Load (daN)	Drilling Time (hrs) 5.00		
Depth Start (mKB) 1,124.20	Depth End (mKB) 1,143.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 6,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 90	Motor RPM (rpm)	Bit RPM (rpm) 90	Slack-Off Hook Load (daN)	Drilling Time (hrs) 2.00		

SAFETY CHECKS

Date	Type	Description
1/27/2010	Safety Meeting	OVERHEAD EQUIPMENT DANGERS WEARING A WORK BELT WHEN WORKING ABOVE 3M DRIVE TO WORK
1/27/2010	Safety Meeting	
1/28/2010	Safety Meeting	

SAFETY INCIDENTS

Date	Comment	Type

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°30m)
1/27/2010	960.20	0.73	0.00	960.16	8.33	0.00	8.33	0.08
1/27/2010	999.20	0.50	0.00	999.16	8.75	0.00	8.75	0.18

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	532.00	531.98
Fort Simpson	698.00	697.97



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/28/2010

Report #: 18.0

Depth Progress: 46.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 30,973

Cum Cost to Date: 1,104,239

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 12.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations			
Depth Start (mKB) 1,143.2	Depth End (mKB) 1,189.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00

Weather CLEAR	Temperature (°C) -23	Lease Condition
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Operation at 6am

DRILLING AHEAD @ 1219M

Operations Summary

WASHED TO BOTTOM FROM 1130M TO 11143M AFTER WIPER TRIP
DRILLED FROM 1143M TO 1183M
TRIPPED FOR BALLED BIT AND PLUGGED JETS
TRIPPED TO BOTTOM CIRCULATED AND CONDITIONED MUD FOR 3 HOURS
DRILLED FROM 1183M TO 1189M

Operations Next Report Period

DRILL AHEAD

Remarks

NO ACCIDENTS OR INCIDENTS
INAC OUT TO VISIT LOCATION

SUPER HIGH MBT AND CLAY CONTENT CAUSING STICKY MUD, MIXED PRODUCT TO INCREASE PLOYMER CONTENT, RUNNING CENTRIFUGE TO LOWER MBT DURING THE 3 HOUR CIRCULATION

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS		
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:30	0.50	0.50	Condition mud & circulate	BREAK CIRC & CLEAN TO BTM FROM 1130M TO 1143M
00:30	00:45	0.25	0.75	Rig Service	RIG SERVICE & FUNCTION FUNCTION HYDRILL 13 SEC TO CLOSED.
00:45	06:00	5.25	6.00	Drill	DRILL FROM 1143M TO 1170M
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	08:00	1.75	8.00	Drill	DRILL FROM 1170M TO 1179M
08:00	09:15	1.25	9.25	Drill	DRILL FROM 1179M TO 1182M
09:15	09:45	0.50	9.75	Deviation survey	DEVIATION SURVEY 1180 M .50 DEG
09:45	11:00	1.25	11.00	Drill	DRILL FROM 1182 M TO 1183M
11:00	11:45	0.75	11.75	Condition mud & circulate	CONDITION MUD & CIRCULATE PREPARE PILL
11:45	12:00	0.25	12.00	Other	BLOW KELLY
12:00	15:30	3.50	15.50	Trip out of hole	TRIP OUT OF HOLE TO CHECK BIT FLOW CHECK @1183M, 1090M, 585M, 378M, 0M, C 10min EACH CALCULATED FILL 5.77 M3, MEASURED 6.55 M3, DIFF .78 M3
15:30	15:45	0.25	15.75	Rig Service	RIG SERVICE FUNCTION BLIND RAMS CLOSED IN 3SEC.
15:45	16:00	0.25	16.00	Trip in hole	INSPECT BIT UNPLUG JETS,EMPTY TRIP TANK GET FLOOR READY TO TRIP IN HOLE.
16:00	18:00	2.00	18.00	Trip in hole	TRIP IN HOLE FLOW CHECK @ 393M 10 MIN.,KELLY UP @ 500 M CIR BOTTOMS UP,
18:00	18:15	0.25	18.25	Safety meeting	HANDOVER SAFETY MEETING
18:15	19:00	0.75	19.00	Trip in hole	CONT TRIP IN HOLE TO 1009 M
19:00	19:30	0.50	19.50	Condition mud & circulate	CIRCULATE BTM UP @1009 M & WORKED PIPE FLOW CHECK 10min.
19:30	19:45	0.25	19.75	Trip in hole	CONT TRIP IN HOLE TO BTM FROM 1009 M TO 1182.14 M
19:45	20:00	0.25	20.00	Rig Service	RIG SERVICE FUNCTION PIPE RAM 3SEC CLOSE



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/28/2010

Report #: 18.0

Depth Progress: 46.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 30,973

Cum Cost to Date: 1,104,239

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: 12.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
20:00	23:00	3.00	23.00	Condition mud & circulate	CONDITION MUD & CIRCULATE @1182 M MUD VERY AIR UP/SWITCH OVER TO POLYMER MUD.
23:00	00:00	1.00	24.00	Drill	DRILL FROM 1183 TO 1189 M

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 Cost	Mud Cum To Date		
1,183.20	1120.0	45	1,328.00	2,411	15,426	
Depth (mKB) 1,183.20	Density (kg/m³) 1120.0	Funnel Viscosity (s/L) 45	pH 10.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
ULTRAPAC R	203.10	3.0
CAUSTIC	44.63	1.0
LIGNITE	16.58	4.0
SAWDUST	6.53	57.0
SODA ASH	21.19	1.0
HYPERDRILLAF247RD	221.55	2.0
BARITE	22.29	20.0
DETERGENT	62.35	4.0
MTL SHURE SHALE	22.68	7.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa) 4,063	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 2,550	Slow Speed Check? Yes	Strokes (spm) 70
Pressure (kPa) 4,100	Slow Speed Check? Yes	Strokes (spm) 69
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0

BIT SUMMARY

Bit Run 2A	Bit Type Bit	Size (mm) 200.0	Make VAREL	Model VTD513HX	Serial Number 4000297	IADC Codes 5-1-3-
Nozzles (mm) 10.3/10.3/10.3/10....	Depth In (mKB) 752.00	Depth Out (mKB) 1,189.20	Depth Drilled (m) 437.00	Drilling Time (hrs) 39.00	BHA ROP (m/hr) 11.2	IADC Bit Dull 2-2-CC-H-X-0-NO-...

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill Pipe	82.3	101.6	1	9.51	1,015.17
Drill Pipe	82.3	101.6	1	9.32	1,005.66
Drill Pipe	82.3	101.6	28	799.96	996.34
HWDP	69.8	101.6	6	55.38	196.38
X/O	0.7	158.0	1	0.26	141.00
Drill Collar	71.4	165.1	9	81.54	140.74
JARS-HYD/MECH	0.7	158.0	1	5.20	59.20
Drill Collar	71.4	165.1	1	4.61	54.00
DC (6.25 IN)	0.7	158.0	5	45.85	49.39



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/28/2010

Report #: 18.0

Depth Progress: 46.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 30,973

Cum Cost to Date: 1,104,239

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 12.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
TELADRIFT	0.7	158.0	1	2.61	3.54
BIT SUB	0.7	158.0	1	0.73	0.93

DRILLING SUMMARY

Depth Start (mKB) 1,143.20	Depth End (mKB) 1,179.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 9,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 90	Motor RPM (rpm)	Bit RPM (rpm) 90	Slack-Off Hook Load (daN)	Drilling Time (hrs) 7.00		
Depth Start (mKB) 1,179.20	Depth End (mKB) 1,183.20	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 Hook Load (daN)	Drilling Time (hrs) 2.50		
Depth Start (mKB) 1,183.20	Depth End (mKB) 1,189.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 9,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 80	Motor RPM (rpm)	Bit RPM (rpm) 80	Slack-Off Hook Load (daN)	Drilling Time (hrs) 1.00		

SAFETY CHECKS

Date	Type	Description
1/28/2010	Safety Meeting	WILDLIFE
1/28/2010	Safety Meeting	PINCH POINTS

SAFETY INCIDENTS

Date	Comment	Type

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
1/28/2010	1,180.20	0.50	0.00	1,180.15	10.33	0.00	10.33	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	532.00	531.98
Fort Simpson	698.00	697.97



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/28/2010

Report #: 18.0

Depth Progress: 46.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 33,556

Cum Cost to Date: 1,106,822

API/UJM 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 12.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations			
Depth Start (mKB)	Depth End (mKB)	Target Formation	Target Depth (mKB)
1,143.2	1,189.2	Sulphur Point	1,437.00
Weather	Temperature (°C)	Lease Condition	
CLEAR	-23		
Operation at 6am			
DRILLING AHEAD @ 1219M			
Operations Summary			
WASHED TO BOTTOM FROM 1130M TO 11143M AFTER WIPER TRIP			
DRILLED FROM 1143M TO 1183M			
TRIPPED FOR BALLED BIT AND PLUGGED JETS			
TRIPPED TO BOTTOM CIRCULATED AND CONDITIONED MUD FOR 3 HOURS			
DRILLED FROM 1183M TO 1189M			
Operations Next Report Period			
DRILL AHEAD			
Remarks			
NO ACCIDENTS OR INCIDENTS			
INAC OUT TO VISIT LOCATION			
SUPER HIGH MBT AND CLAY CONTENT CAUSING STICKY MUD, MIXED PRODUCT TO INCREASE POLYMER CONTENT, RUNNING CENTRIFUGE TO LOWER MBT DURING THE 3 HOUR CIRCULATION			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)

DAILY CONTACTS			
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725	
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751	

TIME LOG SUMMARY					
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:30	0.50	0.50	Condition mud & circulate	BREAK CIRC & CLEAN TO BTM FROM 1130M TO 1143M
00:30	00:45	0.25	0.75	Rig Service	RIG SERVICE & FUNCTION FUNCTION HYDRILL 13 SEC TO CLOSED.
00:45	06:00	5.25	6.00	Drill	DRILL FROM 1143M TO 1170M
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	08:00	1.75	8.00	Drill	DRILL FROM 1170M TO 1179M
08:00	09:15	1.25	9.25	Drill	DRILL FROM 1179M TO 1182M
09:15	09:45	0.50	9.75	Deviation survey	DEVIATION SURVEY 1180 M .50 DEG
09:45	11:00	1.25	11.00	Drill	DRILL FROM 1182 M TO 1183M
11:00	11:45	0.75	11.75	Condition mud & circulate	CONDITION MUD & CIRCULATE PREPARE PILL
11:45	12:00	0.25	12.00	Other	BLOW KELLY
12:00	15:30	3.50	15.50	Trip out of hole	TRIP OUT OF HOLE TO CHECK BIT FLOW CHECK @1183M, 1090M, 585M, 378M, 0M, C 10min EACH CALCULATED FILL 5.77 M3, MEASURED 6.55 M3, DIFF .78 M3
15:30	15:45	0.25	15.75	Rig Service	RIG SERVICE FUNCTION BLIND RAMS CLOSED IN 3SEC.
15:45	16:00	0.25	16.00	Trip in hole	INSPECT BIT UNPLUG JETS,EMPTY TRIP TANK GET FLOOR READY TO TRIP IN HOLE.
16:00	18:00	2.00	18.00	Trip in hole	TRIP IN HOLE FLOW CHECK @ 393M 10 MIN.,KELLY UP @ 500 M CIR BOTTOMS UP,
18:00	18:15	0.25	18.25	Safety meeting	HANDOVER SAFETY MEETING
18:15	19:00	0.75	19.00	Trip in hole	CONT TRIP IN HOLE TO 1009 M
19:00	19:30	0.50	19.50	Condition mud & circulate	CIRCULATE BTM UP @1009 M & WORKED PIPE FLOW CHECK 10min.
19:30	19:45	0.25	19.75	Trip in hole	CONT TRIP IN HOLE TO BTM FROM 1009 M TO 1182.14 M
19:45	20:00	0.25	20.00	Rig Service	RIG SERVICE FUNCTION PIPE RAM 3SEC CLOSE



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/28/2010

Report #: 18.0

Depth Progress: 46.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 33,556

Cum Cost to Date: 1,106,822

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date	DFS: 12.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
20:00	23:00	3.00	23.00	Condition mud & circulate	CONDITION MUD & CIRCULATE @1182 M MUD VERY AIR UP/SWITCH OVER TO POLYMER MUD.
23:00	00:00	1.00	24.00	Drill	DRILL FROM 1183 TO 1189 M

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)	1,328.00		Daily Mud Cost 4,109	Mud Cum To Date 17,124
Depth (mKB) 1,183.20	Density (kg/m³) 1120.0	Funnel Viscosity (s/L) 45	pH 10.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
ULTRAPAC R	203.10	3.0
CAUSTIC	44.63	1.0
LIGNITE	16.58	4.0
SAWDUST	6.53	317.0
SODA ASH	21.19	1.0
HYPERDRILLAF247RD	221.55	2.0
BARITE	22.29	20.0
DETERGENT	22.35	4.0
MTL SHURE SHALE	22.68	7.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa) 4,063	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 2,550	Slow Speed Check? Yes	Strokes (spm) 70
Pressure (kPa) 4,100	Slow Speed Check? Yes	Strokes (spm) 69
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0

BIT SUMMARY

Bit Run 2A	Bit Type Bit	Size (mm) 200.0	Make VAREL	Model VTD513HX	Serial Number 4000297	IADC Codes 5-1-3-
Nozzles (mm) 10.3/10.3/10.3/10.3...	Depth In (mKB) 752.00	Depth Out (mKB) 1,189.20	Depth Drilled (m) 437.00	Drilling Time (hrs) 39.00	BHA ROP (m/hr) 11.2	IADC Bit Dull 2-2-CC-H-X-0-NO-...

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill Pipe	82.3	101.6	1	9.51	1,015.17
Drill Pipe	82.3	101.6	1	9.32	1,005.66
Drill Pipe	82.3	101.6	28	799.96	996.34
HWDP	69.8	101.6	6	55.38	196.38
X/O	0.7	158.0	1	0.26	141.00
Drill Collar	71.4	165.1	9	81.54	140.74
JARS-HYD/MECH	0.7	158.0	1	5.20	59.20
Drill Collar	71.4	165.1	1	4.61	54.00
DC (6.25 IN)	0.7	158.0	5	45.85	49.39



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/28/2010

Report #: 18.0

Depth Progress: 46.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 33,556

Cum Cost to Date: 1,106,822

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 12.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
TELADRIFT	0.7	158.0	1	2.61	3.54
BIT SUB	0.7	158.0	1	0.73	0.93

DRILLING SUMMARY

Depth Start (mKB) 1,143.20	Depth End (mKB) 1,179.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 9,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 90	Motor RPM (rpm)	Bit RPM (rpm) 90	Slack-Off Hook Load (daN)	Drilling Time (hrs) 7.00		
Depth Start (mKB) 1,179.20	Depth End (mKB) 1,183.20	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 Hook Load (daN)	Drilling Time (hrs) 2.50		
Depth Start (mKB) 1,183.20	Depth End (mKB) 1,189.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 9,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 80	Motor RPM (rpm)	Bit RPM (rpm) 80	Slack-Off Hook Load (daN)	Drilling Time (hrs) 1.00		

SAFETY CHECKS

Date	Type	Description
1/28/2010	Safety Meeting	WILDLIFE
1/28/2010	Safety Meeting	PINCH POINTS
1/29/2010	Safety Meeting	HANDLING STEAM

SAFETY INCIDENTS

Date	Comment	Type

WELL CONTROL SUMMARY

Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA

Date	MD (mKB)	Ind (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
1/28/2010	1,180.20	0.50	0.00	1,180.15	10.33	0.00	10.33	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	532.00	531.98
Fort Simpson	698.00	697.97



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/30/2010

Report #: 20.0

Depth Progress: 137.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 33,840

Cum Cost to Date: 1,192,340

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 14.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations			
Depth Start (mKB)	Depth End (mKB)	Target Formation	Target Depth (mKB)
1,245.2	1,382.2	Sulphur Point	1,437.00
Weather	Temperature (°C)	Lease Condition	
CLEAR	-21		
Operation at 6am			
DRILLING AHEAD @ 1418M			
Operations Summary			
DRESS AND TRIP IN BIT #3 437 TRI-CONE			
DRILL FROM 1246M TO 1382M			
Operations Next Report Period			
DRILL AHEAD TO TD, WIPER TRIP, LOG THE WELL			
Remarks			
SPENT TIME CONDITIONING AERATED MUD			
STARTED TO DEVIATE SLIGHTLY @ 1297M			
CONTROLLED DEVIATION WITH DRILLING PARAMETERS TO MAINTAIN 2.5 DEG INCLINATION			
HAULED 7 SIDE DUMP LOADS OF FROZEN CUTTINGS TO THE SUMP			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)

DAILY CONTACTS			
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725	
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751	

TIME LOG SUMMARY					
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	02:15	2.25	2.25	Trip in hole	DRESS BIT TRIP IN HOLE WITH BIT#3 FLOW CHECK @188M &651M
02:15	02:30	0.25	2.50	Rig Service	RIG SERVICE FUNCTION PIPE RAM 3 SEC CLOSE
02:30	03:00	0.50	3.00	Condition mud & circulate	CIRC BTM UP AND BLOW KELLY
03:00	04:15	1.25	4.25	Trip in hole	CONT TRIP IN HOLE FROM 651M TO 1227 M
04:15	04:45	0.50	4.75	Condition mud & circulate	BREAK CIRCULATION AND CLEAN TO BOTTOM FROM 1227M TO 1245M 5 METERS OF FILL ON BOTTOM
04:45	05:30	0.75	5.50	Drill	DRILL FROM 1245M TO 1246M
05:30	06:00	0.50	6.00	Condition mud & circulate	CONDITION MUD & CIRCULATE @1246 MUD VERY FOAMY .
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	07:45	1.50	7.75	Condition mud & circulate	CONDITION MUD & CIRCULATE (ADDING DEFOAMER)
07:45	08:00	0.25	8.00	Drill	DRILL FROM 1246M TO 1246M FEATHER BIT IN
08:00	08:15	0.25	8.25	Rig Service	RIG SERVICE FUNCTION HCR 1SEC. TO OPEN
08:15	15:45	7.50	15.75	Drill	DRILL FROM 1246M TO 1323M
15:45	16:00	0.25	16.00	Deviation survey	DEVIATION SURVEY 1297M 1DEG.
16:00	18:00	2.00	18.00	Drill	DRILL FROM 1323M TO 1340M
18:00	18:15	0.25	18.25	Safety meeting	HAND OVER SAFETY MEETING
18:15	20:00	1.75	20.00	Drill	DRILL FROM 1340M TO 1354M
20:00	20:30	0.50	20.50	Deviation survey	ACCUMULATED SURVEY TIME
20:30	00:00	3.50	24.00	Drill	DRILL FROM 1354M TO 1382M



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/30/2010

Report #: 20.0

Depth Progress: 137.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 33,840

Cum Cost to Date: 1,192,340

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 14.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

MUD CHECKS						
Low Gravity Solids (%) 3.6	MBT (kg/m³) 86	Oil Water Ratio	Chlorides (mg/L) 1,200	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Slab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%) 4.6	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³) 52.00	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³) 1,328.00		Daily Mud Cost 5,188	Mud Cum To Date 23,973	
Depth (mKB) 1,370.20	Density (kg/m³) 1090.0	Funnel Viscosity (s/L) 56	pH 11.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed
DEFOAMER	169.17	1.0
CAUSTIC	44.63	1.0
HYPERDRILLAF247RD	221.55	1.0
ULTRAPAC R	203.10	2.0
LIGNITE	16.58	4.0
HYPERDRILLAF247RD	221.55	1.0
ULTRAPAC R	203.10	2.0
LIGNITE	16.58	6.0
DEFOAMER	169.17	21.0

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5		Pump Rating (kW)
Pressure (kPa) 800	Slow Speed Check? Yes	Strokes (spm) 69	Volumetric Efficiency (%)
Pressure (kPa) 2,745	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pressure (kPa) 3,186	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5		Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)

BIT SUMMARY						
Bit Run 3	Bit Type Bit	Size (mm) 200.0	Make REED	Model R09AM	Serial Number KB1119	IADC Codes 4-3-7-
Nozzles (mm) 15.9/15.9/15.9	Depth In (mKB) 1,245.20	Depth Out (mKB) 1,382.20	Depth Drilled (m) 137.00	Drilling Time (hrs) 15.75	BHA ROP (m/hr) 8.7	IADC Bit Dull -----

DRILL STRING COMPONENTS					
Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.55	1,371.53
Drill pipe - Stands			61	1,165.81	1,361.98
HWDP(4.0 IN)	68.0	158.0	6	55.40	196.17
X/O	65.0	158.0	1	0.26	140.77
DC (6.25 IN)	65.0	158.0	9	81.58	140.51
JARS-HYD	66.0	158.0	1	5.20	58.93
DC (6.25 IN)	65.0	158.0	1	4.61	53.73
DC (6.25 IN)	66.0	158.0	5	45.78	49.12
TELEDRIFT	65.0	158.0	1	2.61	3.34
BIT SUB	68.0	158.0	1	0.73	0.73

DRILLING SUMMARY						
Depth Start (mKB) 1,245.20	Depth End (mKB) 1,246.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 9,500	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 95	Motor RPM (rpm)	Bit RPM (rpm) 95	Slack-Off Hook Load (daN)	Drilling Time (hrs) 1.00		



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/30/2010

Report #: 20.0

Depth Progress: 137.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 33,840

Cum Cost to Date: 1,192,340

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 14.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,246.20	1,323.20		10,500			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off Hook Load (daN)	Drilling Time (hrs)		
95		95		7.50		
Depth Start (mKB)	Depth End (mKB)	ROP Instantaneous (min/m)	Weight on Bit (daN)	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
1,323.20	1,382.20		11,000			
RPM (rpm)	Motor RPM (rpm)	Bit RPM (rpm)	Slack-Off Hook Load (daN)	Drilling Time (hrs)		
95		95		7.25		

SAFETY CHECKS		
Date	Type	Description
1/30/2010	Safety Meeting	STEAM BURNS
1/30/2010	Safety Meeting	WORKING WITH HIGH PRESSURE LINES

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA								
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°/30m)
1/30/2010	1,297.20	1.00	0.00	1,297.14	11.86	0.00	11.86	0.13
1/30/2010	1,353.20	2.50	0.00	1,353.12	13.57	0.00	13.57	0.80
1/30/2010	1,372.20	2.50	0.00	1,372.10	14.40	0.00	14.40	0.00

FORMATIONS		
Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	532.00	531.98
Fort Simpson	698.00	697.97



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/31/2010

Report #: 21.0

Depth Progress: 86.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 56,561

Cum Cost to Date: 1,276,699

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 15.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 1,382.2	Depth End (mKB) 1,468.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -18	Lease Condition	

Operation at 6am

LOGGING, LOGS ON BOTTOM @ 05:45HRS 1446M

Operations Summary

DRILL FROM 1382M TO 1450M
WIPER TRIPPED TO THE BHA @ 196M
DRILLED FROM 1450M TO 1468M
TRIPPED OUT TO LOG

Operations Next Report Period

LOG THE WELL, TRIP IN, CONDITION MUD, LAY DOWN TUBULARS, RUN CASING

Remarks

Approval received from the CCO 20100131 10:15 to extend TD to 1680mKB

HAULED TWO ADDITIONAL LOADS OF CUTTINGS TO THE SUMP
STARTED STRIPPING RESERVE MUD

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725
Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	05:15	5.25	5.25	Drill	DRILL FROM 1382M TO 1410M
05:15	05:30	0.25	5.50	Rig Service	RIG SERVICE FUNCTION H.C.R 1 SEC TO OPEN
05:30	06:00	0.50	6.00	Deviation survey	DEVIATION SURVEY ACCUM TIME
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	08:00	1.75	8.00	Drill	DRILL FROM 1410 M TO 1431M
08:00	11:30	3.50	11.50	Drill	DRILL FROM 1431M TO 1450M
11:30	11:45	0.25	11.75	Rig Service	RIG SERVICE FUNCTION PIPE RAMS CLOSED IN 4 SECONDS
11:45	12:15	0.50	12.25	Condition mud & circulate	CONDITION MUD & CIRCULATE
12:15	12:30	0.25	12.50	Other	BLOW KELLY
12:30	15:45	3.25	15.75	Trip out of hole	TRIP OUT OF HOLE(WIPER TRIP), FLOW CHECKS @ 1450M, 1362M, 721M, 364M 10 min EACH CALCULATED HOLE FILL VOLUME M3, 3.38 MEASURED 4.07 M3, DIFFERENCE 0.69 M3 (STRAP OUT) STRAP TOTAL 1242.95M(DERICK STRAP) AND 1242.39M PASON TALLY DIFFERENCE 56CM
15:45	16:00	0.25	16.00	Trip in hole	TRIP IN HOLE
16:00	18:00	2.00	18.00	Trip in hole	TRIP IN HOLE FLOW CHECKS @ 383M, 722M .
18:00	18:15	0.25	18.25	Safety meeting	HANDOVER SAFETY MEETING
18:15	18:30	0.25	18.50	Condition mud & circulate	WASH TO BOTTOM FROM 1429M TO 1450M
18:30	18:45	0.25	18.75	Rig Service	RIG SERVICE FUNCTION HYDRILL /13 SEC TO CLOSE
18:45	21:30	2.75	21.50	Drill	DRILL FROM 1450M TO 1468M
21:30	21:45	0.25	21.75	Condition mud & circulate	CONDITION MUD & CIRCULATE WORKED PIPE @ TD
21:45	22:00	0.25	22.00	Deviation survey	DEVIATION SURVEY AT 1468M
22:00	22:15	0.25	22.25	Condition mud & circulate	CONDITION MUD & CIRCULATE AFTER SURVEY
22:15	23:00	0.75	23.00	Trip out of hole	TRIP OUT OF HOLE & FLOW CHECK @ 1457/ 10 MIN



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/31/2010

Report #: 21.0

Depth Progress: 86.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 56,561

Cum Cost to Date: 1,276,699

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 15.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
23:00	23:15	0.25	23.25	Other	KELLY PUMP PILL & BLOW KELLY
23:15	00:00	0.75	24.00	Trip out of hole	CONT TRIP OUT OF HOLE USING PIPE SPINNER & FLOW CHECK @ 1362M,

MUD CHECKS

Low Gravity Solids (%) 130.2	MBT (kg/m³) 86	Oil Water Ratio	Chlorides (mg/L) 1,100	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%) 4.0	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³) 82.50	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³) 1,328.00	Daily Mud Cost 887	Mud Cum To Date 31,628		
Depth (mKB) 1,468.20	Density (kg/m³) 1090.0	Funnel Viscosity (s/L) 90	pH 9.5	PV Override (cp)	YP Override (Pa) 9.600	

MUD ADDITIVES

Description	Cost (unit)	Consumed
DETERGENT	62.35	1.0
CAUSTIC	44.63	2.0
LIGNITE	16.58	2.0
BARITE	22.29	20.0
CAUSTIC	44.63	1.0
ALKAPAM A-1103D	211.93	1.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa) 3,000	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 3,039	Slow Speed Check? Yes	Strokes (spm) 70
Pressure (kPa) 2,815	Slow Speed Check? Yes	Strokes (spm) 70
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0

BIT SUMMARY

Bit Run 3	Bit Type Bit	Size (mm) 200.0	Make REED	Model R09AM	Serial Number KB1119	IADC Codes 4-3-7-
Nozzles (mm) 15.9/15.9/15.9	Depth In (mKB) 1,245.20	Depth Out (mKB) 1,468.20	Depth Drilled (m) 223.00	Drilling Time (hrs) 29.00	BHA ROP (m/hr) 7.7	IADC Bit Dull 7-8-BT-A-E-2-JD-TD

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			66	1,261.36	1,457.53
HWDP (4.0 IN)	68.0	135.0	6	55.40	196.17
X/O	65.0	158.0	1	0.26	140.77
DC (6.25 IN)	65.0	158.0	9	81.58	140.51
JARS-HYD	66.0	158.0	1	5.20	58.93
DC (6.25 IN)	65.0	158.0	1	4.61	53.73
DC (6.25 IN)	66.0	158.0	5	45.78	49.12
TELEDRIIFT	65.0	158.0	1	2.61	3.34
BIT SUB	68.0	158.0	1	0.73	0.73

DRILLING SUMMARY

Depth Start (mKB) 1,382.20	Depth End (mKB) 1,431.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 10,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 110	Motor RPM (rpm)	Bit RPM (rpm) 110	Slack-Off Hook Load (daN)	Drilling Time (hrs) 7.00		



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 1/31/2010

Report #: 21.0

Depth Progress: 86.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 56,561

Cum Cost to Date: 1,276,699

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 15.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

DRILLING SUMMARY							
Depth Start (mKB) 1,431.20	Depth End (mKB) 1,450.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 8,500	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)	
RPM (rpm) 110	Motor RPM (rpm)	Bit RPM (rpm) 110		Slack-Off Hook Load (daN)	Drilling Time (hrs) 3.50		
Depth Start (mKB) 1,450.20	Depth End (mKB) 1,468.20	ROP Instantaneous (min/m)	Weight on Bit (daN) 10,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)	
RPM (rpm) 110	Motor RPM (rpm)	Bit RPM (rpm) 110		Slack-Off Hook Load (daN)	Drilling Time (hrs) 2.75		

SAFETY CHECKS		
Date	Type	Description
1/31/2010	Safety Meeting	OVERHEAD SNAGS
1/31/2010	Safety Meeting	MOUSEHOLE CONNECTIONS

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

SURVEY DATA								
Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	NS (m)	EW (m)	VS (m)	DLS (°30m)
1/31/2010	1,391.20	3.00	0.00	1,391.08	15.31	0.00	15.31	0.79
1/31/2010	1,410.20	3.00	0.00	1,410.05	16.30	0.00	16.30	0.00
1/31/2010	1,466.20	3.00	0.00	1,465.97	19.23	0.00	19.23	0.00

FORMATIONS		
Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	532.00	531.98
Fort Simpson	698.00	697.97



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 2/1/2010

Report #: 22.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 94,637

Cum Cost to Date: 1,388,914

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 16.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 1,468.2	Depth End (mKB) 1,468.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -22	Lease Condition	

Operation at 6am

LAYING DOWN 16 JOINTS 139MM CASING

Operations Summary

TRIPPED OUT TO LOG FROM 1468M

RAN ST/MDA/SPED/CNT/UGR/MRT/DAC LOGS, ON BOTTOM @ 05:35HRS LOGGERS DEPTH 1465M

TRIPPED IN THE HOLE, SLIP AND CUT DRILL LINE @ THE SHOE AND HAD TO CUT AGAIN @ 1367M, DRILL LINE PINCHED AND CRUSHED

TRIPPED IN TO BOTTOM, CIRCULATED FOR TWO HOURS

STARTED LAYING DOWN DRILL STRING

Operations Next Report Period

RUN 139,7MM CASING AND CEMENT

Remarks

LOGGERS PULLED A LITTLE OVER AT BOTTOM, BUT OTHERWISE HOLE IS IN GOOD CONDITION

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	02:45	2.75	2.75	Trip out of hole	CONT TRIP OUT OF HOLE TO LOG USING SPINNER & FLOW CHECK @ 684M ,156.0 M . 10 MIN EACH TRIP VOL,CALCULATE 6.59 M3,MEASURED 7.37 M3,DIFF,.78 M3
02:45	03:00	0.25	3.00	Pre-job safety	PRE-JOB SAFETY MEETING ON WIRE LINE LOGGING .
03:00	06:00	3.00	6.00	Wireline logs	RIG IN & WIRELINE LOGS WITH WEATHERFORD .RUN LOG # 1 TOOL RUN. ST/MDA/SPED/CNT/UGR/MRT/DAC/LOG ON BTM @05.35 /LOGGERS DEPTH 1465M
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER SAFETY MEETING
06:15	08:00	1.75	8.00	Wireline logs	CONT WIRELINE LOGS WITH WEATHERFORD
08:00	11:00	3.00	11.00	Wireline logs	CONT TO WIRE LINE LOGS AND RIG OUT TOOLS + CLEAN
11:00	11:15	0.25	11.25	Rig Service	RIG SERVICE FUNCTION BLIND RAMS 4 SEC TO CLOSE
11:15	12:15	1.00	12.25	Trips	RUN IN TO 370m FLOW CHECK 10 min EACH (PICK UP JARS AND 1 DC FROM CAT WALK)
12:15	12:30	0.25	12.50	Safety meeting	SAFETY MEETING PRIOR TO SLIP AND CUT
12:30	13:30	1.00	13.50	Slip/Cut drilling line	SLIP/CUT DRILLING LINE 12.6m
13:30	15:00	1.50	15.00	Trips	CONT TO RUN IN FLOW CHECK @ 271m,742M, AND ON BOTTOM FOR 10 MIN EACH
15:00	15:45	0.75	15.75	Slip/Cut drilling line	SLIP/CUT DRILLING LINE (FOUND WICKER CUT 24m)
15:45	16:00	0.25	16.00	Trips	TRIP TO BOTTOM, BRAKE CIRCULATION
16:00	17:45	1.75	17.75	Circulate And Condition	BRAKE CIRCULATION @ 1462m CIRCULATE AND CONDITION MUD
17:45	18:00	0.25	18.00	Safety meeting	HAND OVER MEETING
18:00	19:00	1.00	19.00	Lay down drill pipe	LAY DOWN DRILL PIPE FLOWCHECK @ 1454M
19:00	19:15	0.25	19.25	Other	PICK UP KELLY PUMP PILL BLOW KELLY & FLOW CHECK @1379 M. 737M / 157M ,0 M 10 MIN EACH
19:15	00:00	4.75	24.00	Lay down drill pipe	CONTINUE LAY DOWN DRILL PIPE HOLE VOL / CALCULATE/6.59/M3/ MEASURED /7.93M3/ DIFF .94 M3



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 2/1/2010

Report #: 22.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 94,637

Cum Cost to Date: 1,388,914

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date		DFS: 16.03 days
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³) 86	Oil Water Ratio	Chlorides (mg/L) 1,200	Calcium (mg/L) 400	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%) 0.3	Solids (%) 6.0	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) 1,328.00		Daily Mud Cost	Mud Cum To Date 31,628	
Depth (mKB) 1,468.20	Density (kg/m³) 1090.0	Funnel Viscosity (s/L) 82	pH 10.5	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa) 3,054	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 110	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

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

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (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 Hook Load (daN)		Drilling Time (hrs)	

SAFETY CHECKS		
Date	Type	Description
2/1/2010	Safety Meeting	HOUSE KEEPING
2/1/2010	Safety Meeting	LAY DOWN PIPE AND BHA

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (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	532.00	531.98	
Fort Simpson	698.00	697.97	



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 2/2/2010

Report #: 23.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 95,777

Cum Cost to Date: 1,523,225

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date 2/3/2010 2:00:00 PM	DFS: 17.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 1,468.2	Depth End (mKB) 1,468.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
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Weather CLEAR	Temperature (°C) -27	Lease Condition
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Operation at 6am

WAITING ON CEMENT

Operations Summary

LAYED DOWN DRILL COLLARS
INSTALLED CASING RAMS AND PRESSURE TESTED
JACKED THE RIG PRIOR TO RUNNING PRODUCTION CASING
MADE UP FLOAT AND SHOE, RAN IN 16 JOINTS OF CASING WITH 222MM CENTRALIZERS
LAYED DOWN THOSE 16 JOINTS & WAITED ON 200MM CENTRALIZERS UNTIL 16:00HRS
ONCE PROPER EQUIPMENT ON LOCATION RAN CASING TO BOTTOM, AND CIRCULATED AND CONDITIONED MUD

Operations Next Report Period

CEMENT PRODUCTION CASING, INSTALL SLIPS, WELLHEAD AND START RIGGING OUT

Remarks

THIRD TIME JACKING THE RIG (UNDER IT OWN POWER) THIS WELL
200MM CENTRALIZERS FLOW IN FROM EDMONTON

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	01:00	1.00	1.00	Lay down BHA	LAY DOWN BHA, VERY TIGHT DP DUE TO HOLE TORQUE
01:00	01:15	0.25	1.25	Rig Service	RIG SERVICE & FUNCTION BLIND RAMS
01:15	01:30	0.25	1.50	Change rams	INSTALLED CASING RAMS
01:30	01:45	0.25	1.75	Safety meeting	SAFETY MEETING PRIOR TO PRESS TEST B.O.P
01:45	03:00	1.25	3.00	Pressure test BOPs	PRESSURE TEST BOP / ANNULAR, INSIDE KILL LINE VALVE, HCR, STABBING VALVE TO 1,500 KPA LOW / 10,500 KPA HIGH.
03:00	03:15	0.25	3.25	Safety meeting	SAFETY MEETING PRIOR TO RUN CASING
03:15	03:30	0.25	3.50	Other	OTHER JACK RIG FOR RUNNING CASING
03:30	05:00	1.50	5.00	Rig up/down to run casing	MAKE UP FLOAT & SHOE, PUSH CASING DOWN TO 212M
05:00	06:00	1.00	6.00	Waiting on	REALIZED CENTRALIZERS WERE 222MM NOT 200MM, WAIT ON INSTRUCTION FROM DRILLING FOREMAN
06:00	06:15	0.25	6.25	Safety meeting	HAND OVER MEETING
06:15	08:00	1.75	8.00	Pulling casing	LAYED DOWN 16 JOINTS OF CASING
08:00	12:30	4.50	12.50	Waiting on	WAITING ON 200MM CENTRALIZERS
12:30	12:45	0.25	12.75	Rig Service	RIG SERVICE FUNCTION CASING RAMS CLOSED IN 4SEC.
12:45	16:00	3.25	16.00	Waiting on	WAITING ON 200MM CENTRALIZERS
16:00	16:15	0.25	16.25	Safety meeting	SAFETY MEETING
16:15	18:30	2.25	18.50	Run casing & cementing	RUN CASING & CEMENTING & FLOW CHECK @ 381M/ 669 BREAK CIRC & CIRC @ 669M
18:30	19:15	0.75	19.25	Circulate And Condition	CIRCULATE HOLE CLEAN & WORK CASING
19:15	23:00	3.75	23.00	Run casing & cementing	RUN CASING & FILL PIPE EVERY JOINT
23:00	00:00	1.00	24.00	Condition mud & circulate	CONDITION MUD & CIRCULATE



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 2/2/2010

Report #: 23.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 95,777

Cum Cost to Date: 1,523,225

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date 2/3/2010 2:00:00 PM	DFS: 17.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

MUD CHECKS						
Low Gravity Solids (%) 162.5	MBT (kg/m³) 80	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 (%) 6.3	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³) 20.00	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³) 1,328.00	Daily Mud Cost 131	Mud Cum To Date 31,759		
Depth (mKB) 1,468.20	Density (kg/m³) 1090.0	Funnel Viscosity (s/L) 53	pH 9.0	PV Override (cp)	YP Override (Pa) 4.800	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed
CALCIUM NITRATE	43.63	3.0

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa) 1,425	Slow Speed Check? Yes	Strokes (spm) 70	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

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

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (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 Hook Load (daN)	Drilling Time (hrs)		

SAFETY CHECKS		
Date	Type	Description
2/2/2010	Safety Meeting	WORKING WITH 3RD PARTY EQUIPMENT
2/2/2010	Safety Meeting	3 RD PARTY EQUIPMENT
2/3/2010	Safety Meeting	CEMENTING W/SANJEL

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY						
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (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	1,328.00	1,327.94
Watt Mtn Fm	1,383.00	1,382.89
Sulphur Point Fm	1,391.00	1,390.88



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 2/2/2010

Report #: 23.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 95,777

Cum Cost to Date: 1,523,225

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date 2/3/2010 2:00:00 PM	DFS: 17.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Sulphur Point DOL	1,408.00	1,407.85
Muskeg Fm	1,435.00	1,434.82



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 2/3/2010

Report #: 24.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 91,128

Cum Cost to Date: 1,614,353

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date 2/3/2010 2:00:00 PM	DFS: 18.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

Daily Operations

Depth Start (mKB) 1,468.2	Depth End (mKB) 1,468.2	Target Formation Sulphur Point	Target Depth (mKB) 1,437.00
Weather CLEAR	Temperature (°C) -21	Lease Condition	

Operation at 6am

WAITING ON DAY LIGHT FOR RIG MOVE SAFETY MEETING

Operations Summary

CEMENTED 139.7MM PRODUCTION CASING, PREFLUSH 3M3 WATER, 1.1t (3M3) SCAVENGER SLURRY @ 1250KG/M3, LEAD CEMENT 18.9t (22.7M3) THIXLITE LEAD +.04 LTR @ 1507KG/M3, TAIL 7.5t (6.6M3) EXPANDOMIX LWL +0.15% CFL-3(PREBLEND) +0.3%LTR (PREBLEND) @ 1770 KG/M3, DISPLACED WITH 18.51M3 WATER. BUMPED PLUG @ 13MPA, NO VISIBLE RETURNS @ SURFACE. HANDS NOTED PREFLUSH @ SHAKER
WAITED ON CEMENT, SET CASING SLIPS AND INSTALLED TUBING HEAD WITH VETCO HAND. STRIPPING MUD, RIGGING OUT AND HAULING RENTAL LOADS.

Operations Next Report Period

RIG MOVE TO F-77 LOCATION

Remarks

HAULED 5 LOADS OF CUTTINGS TO SUMP
HAULED A COMBNATION OF 17 RIG AND RENTAL LOADS TO F-77 LOCATION
TUBING HEAD PRESSURE TESTED TO 17,000 KPA

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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DAILY CONTACTS

Title Rig Manager	Job Contact ERICK BIGRAS	Phone Mobile 866.772.1751
Title Drilling Foreman	Job Contact JOSH BLINSTON	Phone Mobile 866.935.3725

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:30	0.50	0.50	Condition mud & circulate	CONDITION MUD & CIRCULATE
00:30	00:45	0.25	0.75	Safety meeting	SAFETY MEETING W/SANJEL
00:45	01:00	0.25	1.00	Cementing	RIG UP CEMENTER, PRESSURE TEST LINE
01:00	03:00	2.00	3.00	Cementing	CEMENT W/ SANGEL AND FLUSH B.OPS, PUMPED AHEAD 3M3 FRESH WATER @ 20DEG C, 1t SCAVENGER SLURRY AT 1250KG/M3, 18.9t LEAD THIXLITE @ 1507KG/M3 22.7M3, TAIL 7.5t EXPANDOMIX @ 1770KG/M3 6.6M3 DISPLACED 18.51M3 WATER @ 100KG/M3. PUMPED PLUG @02:40HRS @ 13MPA
03:00	07:00	4.00	7.00	Wait on cement	WAIT ON CEMENT
07:00	07:15	0.25	7.25	Safety meeting	HAND OVER MEETING
07:15	08:00	0.75	8.00	Wait on cement	WAIT ON CEMENT, STRIPPING MUD, RIGGING OUT MUD PUMPS
08:00	09:15	1.25	9.25	Wait on cement	WAIT ON CEMENT, CLEANING MUD TANKS AND GENERAL RIG OUT
09:15	09:30	0.25	9.50	Safety meeting	SAFETY MEETING PRIOR TO NIPPLE DOWN
09:30	11:00	1.50	11.00	Nipple down BOPs	NIPPLE DOWN B.O.P. AND SET SLIPS
11:00	11:15	0.25	11.25	Safety meeting	SAFETY MEETING W/WELDER AND VETCO HAND
11:15	14:00	2.75	14.00	Other	INSTALLED TUBING HEAD, FIRST PRESSURE TEST WOULD NOT HOLD, REMOVED HEAD INSPECTED SEALS, RE-INSTALLED AND PRESSURE TESTED TO 17,000KPA, HELD
14:00	15:45	1.75	15.75	Tear down	TEAR DOWN, FLARE, DEGASSER, AND ALL RELATED EQUIPMENT, STRIP MUD AND CLEAN TANKS.
15:45	16:00	0.25	16.00	Safety meeting	HAND OVER MEETING W/NEW CREWS.
16:00	00:00	8.00	24.00	Tear down	TEAR DOWN RIG FOR MORNING MOVE



Daily Drilling
Well Name: PARA ET AL CAMERON H-06
Business Unit: NE BC & NWT COU
Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 2/3/2010
Report #: 24.0
Depth Progress: 0.00
Total AFE Amount: 1,790,072.00
AFE Number: 09N010004
Daily Cost: 91,128
Cum Cost to Date: 1,614,353

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date 2/3/2010 2:00:00 PM	DFS: 18.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

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 Cost		Mud Cum To Date 31,759
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed

MUD PUMPS			
Pump Number 1	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm) 63.5	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	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 (hrs)	BHA ROP (m/hr)	IADC Bit Dull

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

DRILLING SUMMARY						
Depth Start (mKB)	Depth End (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 Hook Load (daN)	Drilling Time (hrs)		

SAFETY CHECKS		
Date 2/3/2010	Type Safety Meeting	Description NIPPLE UP WELL HEAD
Date 2/3/2010	Type Safety Meeting	Description HOUSE KEEPING

SAFETY INCIDENTS		
Date	Comment	Type

WELL CONTROL SUMMARY					
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)

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

FORMATIONS			
Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)	
Slave Point Fm	1,328.00	1,327.94	
Watt Mtn Fm	1,383.00	1,382.89	
Sulphur Point Fm	1,391.00	1,390.88	
Sulphur Point DOL	1,408.00	1,407.85	



Daily Drilling

Well Name: PARA ET AL CAMERON H-06

Business Unit: NE BC & NWT COU

Rig: 245 PRECISION DRILLING, DIV OF PDC

Report For: 2/3/2010

Report #: 24.0

Depth Progress: 0.00

Total AFE Amount: 1,790,072.00

AFE Number: 09N010004

Daily Cost: 91,128

Cum Cost to Date: 1,614,353

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Spud Date 1/16/2010 23:15	Rig Release Date 2/3/2010 2:00:00 PM	DFS: 18.03 days	
Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20	KB-Casing Flange Distance (m) 4.30	

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Muskeg Fm	1,435.00	1,434.82



Pason

Pason

Pason

Pason

FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																			
Job Sheet Serial Number: 0152245_20100114_10Pason Year: 2010 Month: 01 Day: 14										1) Daily Walk Around Inspection 2) Drilled Inspection - Weekly Using Check List 3) HPS Status Verified if Required 4) Well Licence & Block Diagram Ported 5) HPS Lines Inspected 6) BOP Drills Performed 7) Visually Inspected BOP's - HPS Lines & Degasser Lines										Rig: _____ Boiler: _____ Op Fuel: _____ Weather: _____ Time: 06:00 Temp: -29 Current Conditions: CLEAR Wind Direction: N Wind Strength: UP TO 19 KM/H Road Condition: GOOD										Category: _____ Thread Type: _____ Grade: _____ OD (mm): _____ ID (mm): _____ Linear Mass (kg/m): _____ No. of Joints: _____ Total Joint OD (mm): _____ OP: 4"TH SS&S 130 85 22.4000 185 DC: 4.5"XH DC 158 58 134.0000 18 HW: 4"FH HWDP 130 85 41.6400 6										No.: _____ Make: _____ Stroke Length (mm): _____										Description: _____ Hours: _____																			
Rig No.: 245 Well Name: Para et al Cameron H-06 Surface Location: 46-08 TL309/11730-13.090 Lat: NT Long: 5										License No.: 2064 Operator: PARAMOUNT RESOURCES LTD. Contractor: PRECISION DRILLING, DIV OF PDC Operator's Aff: Contractor's Job No: Well Type: VERT No-Entry: ☐ Signal Date: Time: 2010/01/15 23:15 Signature of Operator Representative: JOSH BLINSTON Signature of Contractor's Rig manager: ERICK BIGRAS Rig Release Date: Time: _____																																																											
TOUR 1										SIGNATURE OF DRILLER										ROMEO DASTOUS										START TIME 08:00										END TIME 08:00																													
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: _____ Size (mm): _____ MDC Code: _____ Manufacturer: _____ Type: _____ Serial No: _____ Jaws (mm): _____ Depth Out (m): _____ Depth In (m): _____ Total Drilled (m): _____ Hrs Run Today: _____ Cumulative Hrs Run: _____ Entry Date: _____										Mud Type: Water ☐ Oil ☐ Other ☐ Time: _____ Density (kg/m³): _____ Funnel Viscosity (cP): _____ Fluid Loss (cm³): _____ pH: _____ Location: _____ Depth (m): _____ PVT (m³): _____										Product: _____ Amount: _____ Type: _____										From (m): _____ To (m): _____ D-4-C: _____ RPM: _____ WOB (kN): _____										Hole Drag Up (kN): _____ Hole Drag Down (kN): _____ Torque at Bottom (Nm): _____ Fill on Bottom (m): _____										From To Elapsed Code Details of Operations in Sequence & Remarks 08:00 08:00 8:00 1 RIG UP, START BOILER, CIRCULATE STEAM, CIRCULATE WATER AND CONT TO RIG UP									
Drill Pipe: _____ Stands (m): _____ Drill Pipe: _____ Singles (m): _____ Weight of DC (kN): _____ Kelly Down (m): _____ Total (m): _____										Dull Grade: _____ Gauge (mm): _____ T: _____ ODC: _____ MDC: _____ Reason Pulled: _____ LOC: _____ Total Run (m/hr): _____ BRS: _____										SOLIDS CONTROL: Equipment Name: _____ Hours Run: _____ Intake Density (kg/m³): _____ Over Flow Density (kg/m³): _____ Under Flow Density (kg/m³): _____										REDUCED PUMP SPEED: No. Pressure (kPa) Strokes/min Depth (m) _____										BOILER: No. Hours Run pH Stack Temp (°C) 88 8.00 10.0 275.00										CIRCULATION: Pump Type Liner Size (mm) SPM Pressure (kPa) Hours Run _____										DEVIATION SURVEYS: Time Depth (m) Deviation (mm) Direction Type _____									
TOUR 2										SIGNATURE OF DRILLER										PETER MANGZYK										START TIME 08:00										END TIME 16:00																													
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: _____ Size (mm): _____ MDC Code: _____ Manufacturer: _____ Type: _____ Serial No: _____ Jaws (mm): _____ Depth Out (m): _____ Depth In (m): _____ Total Drilled (m): _____ Hrs Run Today: _____ Cumulative Hrs Run: _____ Entry Date: _____										Mud Type: Water ☐ Oil ☐ Other ☐ Time: _____ Density (kg/m³): _____ Funnel Viscosity (cP): _____ Fluid Loss (cm³): _____ pH: _____ Location: _____ Depth (m): _____ PVT (m³): _____										Product: _____ Amount: _____ Type: _____										From (m): _____ To (m): _____ D-4-C: _____ RPM: _____ WOB (kN): _____										Hole Drag Up (kN): _____ Hole Drag Down (kN): _____ Torque at Bottom (Nm): _____ Fill on Bottom (m): _____										From To Elapsed Code Details of Operations in Sequence & Remarks 08:00 08:15 0:25 21 SAFETY MEETING PRIOR TO CHANGE DRILLING LINE AND BLOCK 08:15 15:00 6:75 28 CHANGE DRILLING LINE AND BLOCK - SEND HOLD DRILLING LINE TO TOWN 15:00 16:00 1:00 1 CONT TO RIG UP WARM UP DRUM PRIOR TO RAISE DERRICK									
Drill Pipe: _____ Stands (m): _____ Drill Pipe: _____ Singles (m): _____ Weight of DC (kN): _____ Kelly Down (m): _____ Total (m): _____										Dull Grade: _____ Gauge (mm): _____ T: _____ ODC: _____ MDC: _____ Reason Pulled: _____ LOC: _____ Total Run (m/hr): _____ BRS: _____										SOLIDS CONTROL: Equipment Name: _____ Hours Run: _____ Intake Density (kg/m³): _____ Over Flow Density (kg/m³): _____ Under Flow Density (kg/m³): _____										REDUCED PUMP SPEED: No. Pressure (kPa) Strokes/min Depth (m) _____										BOILER: No. Hours Run pH Stack Temp (°C) 88 8.00 10.5 275.00										CIRCULATION: Pump Type Liner Size (mm) SPM Pressure (kPa) Hours Run _____										DEVIATION SURVEYS: Time Depth (m) Deviation (mm) Direction Type _____									
TOUR 3										SIGNATURE OF DRILLER										ROMEO DASTOUS										START TIME 16:00										END TIME 24:00																													
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: _____ Size (mm): _____ MDC Code: _____ Manufacturer: _____ Type: _____ Serial No: _____ Jaws (mm): _____ Depth Out (m): _____ Depth In (m): _____ Total Drilled (m): _____ Hrs Run Today: _____ Cumulative Hrs Run: _____ Entry Date: _____										Mud Type: Water ☐ Oil ☐ Other ☐ Time: _____ Density (kg/m³): _____ Funnel Viscosity (cP): _____ Fluid Loss (cm³): _____ pH: _____ Location: _____ Depth (m): _____ PVT (m³): _____										Product: _____ Amount: _____ Type: _____										From (m): _____ To (m): _____ D-4-C: _____ RPM: _____ WOB (kN): _____										Hole Drag Up (kN): _____ Hole Drag Down (kN): _____ Torque at Bottom (Nm): _____ Fill on Bottom (m): _____										From To Elapsed Code Details of Operations in Sequence & Remarks 16:00 18:00 2:00 1 CONT TO RIG UP 18:00 19:15 0:25 21 HAND OVER MEETING 19:15 21:00 1:75 1 RIG UP 21:00 22:30 1:50 21 SAFETY MEETING PRIOR TO RAISE DERRICK 22:30 24:00 1:50 1 VISUALLY INS DERRICK PRIOR TO RAISE DERRICK AND TOP SECTION INS BY RIG MANAGER AND DRILLER									
Drill Pipe: _____ Stands (m): _____ Drill Pipe: _____ Singles (m): _____ Weight of DC (kN): _____ Kelly Down (m): _____ Total (m): _____										Dull Grade: _____ Gauge (mm): _____ T: _____ ODC: _____ MDC: _____ Reason Pulled: _____ LOC: _____ Total Run (m/hr): _____ BRS: _____										SOLIDS CONTROL: Equipment Name: _____ Hours Run: _____ Intake Density (kg/m³): _____ Over Flow Density (kg/m³): _____ Under Flow Density (kg/m³): _____										REDUCED PUMP SPEED: No. Pressure (kPa) Strokes/min Depth (m) _____										BOILER: No. Hours Run pH Stack Temp (°C) 88 8.00 10.5 280.00										CIRCULATION: Pump Type Liner Size (mm) SPM Pressure (kPa) Hours Run _____										DEVIATION SURVEYS: Time Depth (m) Deviation (mm) Direction Type _____									

FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																			
Your Sheet Serial Number: DVS2245_20100115_10Pason Year: 2010 Month: 01 Day: 15 Rig No.: 245 Well Name: Para et al Cameron H-06 License No.: 2064 Operator: PARAMOUNT RESOURCES LTD Operator's AFE: 08N010004 Signature of Operator Representative: JOSH BLUNSTON Signature of Contractor's Rig manager: ERICK SIGRAS										1) Daily Safe Alarm Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) HSS Stone Perished / Replaced 4) Well Licence & Stock Diagram Ported 5) Flow Lines Inspected 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Discharge Lines										Rig: Boiler Op Fuel: WEATHER Time: 05:30 Temp: -22 Current Conditions: CLEAR Wind Direction: N Wind Strength: UP TO 19 KMPH Road Condition: GOOD										Category: Thread Type: Grade: OD (mm): ID (mm): Linear Mass (kg/m): No. of Joints: Tool Joint OD (mm): DP: 4" FH S65 135 85 22,400 185 DC: 4.5" FH DC 158 59 134,000 18 HW: 4" FH HWDP 135 85 41,640 6										No.: Make: Stroke Length (mm): No.: Make: Stroke Length (mm):										Description: Hours:																			
TOUR 1										SIGNATURE OF DRILLER										ROMEO DASTOUS										START TIME 00:00										END TIME 08:00																													
DRILLING ASSEMBLY No. Component OD (mm) ID (mm) Length (m) Drill Pipe Stands (m) Drill Pipe Single (m) Weight of DC (kdaN) Kelly Down (m) Weight of string (kdaN) Total (m)										BITS Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Jaws (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: DULL GRADE T ₁ Gauge (mm): ODC Reason Pulled: MDC LDC Total Run (m/hr): BRG										MUD RECORD Mud Type: Water: Oil: Other: Time: Density (kg/m ³): Funnel Viscosity (cP): Fluid Loss (cm ³): pH: Location: Depth (m): PVT (m): SOLIDS CONTROL Equipment Name: Hours Run: Intake Density (kg/m ³): Over Flow Density (kg/m ³): Under Flow Density (kg/m ³): SAFETY Safety Topic: MEHL (kdaN) MACP (kg)										MUD MATERIALS ADDED Product: Amount: Type:										METRES DRILLED From (m) To (m) D-R-C RPM WOB (kdaN): REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m): CIRCULATION Pump Type Linear Size (mm) GPM Pressure (kg) Hours Run:										HOLE CONDITION Hole Drag Up (kdaN): Hole Drag Down (kdaN): Torque at Bottom (Nm): Fill on Bottom (m): BOILER No. Hours Run gal Stack Temp (°C): DEVIATION SURVEYS Time Depth (m) Deviation (mm) Direction Type:										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks: 00:00 08:00 8.00 1 RIG UP FLOOR PICK UP KELLY TONGS ALL RELATED EQUIPMENT RIG UP PREFAB 08:00 08:15 0.25 21 HAND OVER MEETING 08:15 08:30 1.75 1 RIG UP MUD TANK PERSS PUMP #1									
TOUR 2										SIGNATURE OF DRILLER										PETER WANCZYK										START TIME 08:00										END TIME 16:00																													
DRILLING ASSEMBLY No. Component OD (mm) ID (mm) Length (m) Drill Pipe Stands (m) Drill Pipe Single (m) Weight of DC (kdaN) Kelly Down (m) Weight of string (kdaN) Total (m)										BITS Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Jaws (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: DULL GRADE T ₁ Gauge (mm): ODC Reason Pulled: MDC LDC Total Run (m/hr): BRG										MUD RECORD Mud Type: Water: Oil: Other: Time: Density (kg/m ³): Funnel Viscosity (cP): Fluid Loss (cm ³): pH: Location: Depth (m): PVT (m): SOLIDS CONTROL Equipment Name: Hours Run: Intake Density (kg/m ³): Over Flow Density (kg/m ³): Under Flow Density (kg/m ³): SAFETY Safety Topic: MEHL (kdaN) MACP (kg)										MUD MATERIALS ADDED Product: Amount: Type:										METRES DRILLED From (m) To (m) D-R-C RPM WOB (kdaN): REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m): CIRCULATION Pump Type Linear Size (mm) GPM Pressure (kg) Hours Run:										HOLE CONDITION Hole Drag Up (kdaN): Hole Drag Down (kdaN): Torque at Bottom (Nm): Fill on Bottom (m): BOILER No. Hours Run gal Stack Temp (°C): DEVIATION SURVEYS Time Depth (m) Deviation (mm) Direction Type:										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks: 08:00 08:15 0.25 21 SAFETY MEETING W/ WELDER 08:15 12:00 3.75 25 WELD ON DIVERTER FLANGE 12:00 12:15 0.25 21 SAFETY MEETING W/ CREW PRIOR TO RIG UP DIVERTER 12:15 12:45 0.50 11C SPOT PUMP HOUSE #2 12:45 15:30 2.75 14C NIPPLE UP DIVERTER FROM SCRATCH 15:30 16:00 0.50 25 EXTEND FLOW SPOUT AND WELD ON AIR BAG RING									
TOUR 3										SIGNATURE OF DRILLER										ROMEO DASTOUS										START TIME 16:00										END TIME 24:00																													
DRILLING ASSEMBLY No. Component OD (mm) ID (mm) Length (m) Drill Pipe Stands (m) Drill Pipe Single (m) Weight of DC (kdaN) Kelly Down (m) Weight of string (kdaN) Total (m)										BITS Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Jaws (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: DULL GRADE T ₁ Gauge (mm): ODC Reason Pulled: MDC LDC Total Run (m/hr): BRG										MUD RECORD Mud Type: Water: Oil: Other: Time: Density (kg/m ³): Funnel Viscosity (cP): Fluid Loss (cm ³): pH: Location: Depth (m): PVT (m): SOLIDS CONTROL Equipment Name: Hours Run: Intake Density (kg/m ³): Over Flow Density (kg/m ³): Under Flow Density (kg/m ³): SAFETY Safety Topic: MEHL (kdaN) MACP (kg)										MUD MATERIALS ADDED Product: Amount: Type:										METRES DRILLED From (m) To (m) D-R-C RPM WOB (kdaN): REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m): CIRCULATION Pump Type Linear Size (mm) GPM Pressure (kg) Hours Run:										HOLE CONDITION Hole Drag Up (kdaN): Hole Drag Down (kdaN): Torque at Bottom (Nm): Fill on Bottom (m): BOILER No. Hours Run gal Stack Temp (°C): DEVIATION SURVEYS Time Depth (m) Deviation (mm) Direction Type:										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks: 16:00 18:00 2.00 1 RIG UP FARE TANK RUN STEAM ON PUMP #2 AND 400 BB 18:00 18:15 0.25 21 HAND OVER MEETING 18:15 24:00 5.75 1 RIG UP MUD PUMP #2 AND DRESSALL RELATE EQUIP									

FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																			
Job Sheet Number: DYS2245_20100117_14P Vendor Software Version: Pason Year: 2010 Month: 01 Day: 17										1) Daily Wellhead Inspection 2) Drifted Inspection - Weather (Wind Check 1st) 3) H2S Signs Periodic / Required 4) Well License & Check Diagram Periodic 5) Flow Lines Checked 6) BOP Tests Performed 7) Visually Inspected BOPs - Flow Lines & Opposite Lines										Rig: Boiler: Op Fuel: Weather: Time: 08:00 Temp: -19 Current Conditions: CLEAR Wind Direction: N Wind Strength: UP TO 19 KMPH Road Condition: GOOD										Category: Thread Type: Grade: OD (mm): ID (mm): Linear Mass (kg/m): No. of Joints: Total Joint OD (mm):										No.: Make: Stroke Length (mm): K8 to C5G Head (m): K8 to C5G Bottom (m):										Description: Hours:																			
Rig No.: 245 Well Name: Para et al Cameron H-06 Surface Location: 40-26 N160W117.30E Prev Loc Type: NT Uniqe Well ID: 5 Licence No.: 2064 Operator: PARAMOUNT RESOURCES LTD Operator's A/E: ERICK BIGRAS Signature of Operator/Representative: JOSH BLUNSTON Signature of Contractor's Rep manager: ERICK BIGRAS										Contractor: PRECISION DRILLING, DIV OF PDC Contractor's Job No: 253025 Spot Date: 2010/01/16 23:15 Welly Blasting: 23:15 Release Date: Time										1) Risk Site Health & Safety Meeting (once/week/month) 2) CAHOC Risk Safety Inspection Checklist (once/week/month) 3) Well Inspection before Raising or Lowering 4) Crown Saver Checked 5) Motor Kils Checked										Casing: Category: Make: Grade: OD (mm): ID (mm): Linear Mass (kg/m): No. of Joints: Total Length (m): K8 to C5G Head (m): K8 to C5G Bottom (m):										SHAPE SHAKERS: No.: Top Screen: Middle Screen: Bottom Screen:										MUD PUMP: No.: Make: Stroke Length (mm): K8 to C5G Head (m): K8 to C5G Bottom (m):										GENERAL EQUIPMENT & SERVICES: Description: Hours:									
TOUR 1										TOUR 2										TOUR 3																																																	
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Juts (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: 2010/01/17										Mud Type: Time: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³):										Product: Amount: Type:										From (m): To (m): D-R-C: RPM: WOB (kN):										Hole Drag Up (kN): Hole Drag Down (kN): Torque at Bottom (Nm): Fill on Bottom (m):										From: To: Elapsed: Code: Details of Operations in Sequence & Remarks:									
1 BIT 311 0.30										311										SHURE SHALE 1 PAIRS										1 116 116 DRILL 130 5										0 0										00:00 00:15 0:25 7 RIG SERVICE CHECK DIVERTER 24 SEC CLOS/24 SEC OPEN																			
2 DC (8.00 IN) 212 17.90										1015 1040										DETERGENT 1 PAIRS										2 116 146 DRILL 120 5										0 0										00:15 00:30 5:20 2 DRILL 311 MM HOLE FROM 31M TO 88 M																			
1 BELL SUB 158 0.76										253025																				3 116 158 DRILL 120 5										0 0										00:30 00:45 0:50 10 DEVIATION SURVEY ACCUM																			
4 DC (6.25 IN) 158 9.14										116																				4 116 158 DRILL 120 5										0 0										00:45 00:55 0:25 21 SAFETY MEETING HAND OVER																			
1 TELADRIPT 158 2.61										31																				5 116 158 DRILL 120 5										0 0										00:55 01:00 1:75 2 DRILL FROM 88M TO 116																			
4 DC (6.25 IN) 158 36.05										85																				6 116 158 DRILL 120 5										0 0																													
1 SHORT 6.25 DC 158 4.61										7.00																				7 116 158 DRILL 120 5										0 0																													
1 JARS-HYDAMECH 158 5.20										7.75																				8 116 158 DRILL 120 5										0 0																													
3 DC (6.25 IN) 158 27.47										10.82																				9 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				10 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				11 116 158 DRILL 120 5										0 0																													
Weight of DC (kN) 4 Kelly Down (m) 11.11										DULL GRADE																				12 116 158 DRILL 120 5										0 0																													
Weight of string (kN) 10 Total (m) 116.45										DULL GRADE																				13 116 158 DRILL 120 5										0 0																													
TOUR 2										TOUR 3										TOUR 4																																																	
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Juts (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: 2010/01/17										Mud Type: Time: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³):										Product: Amount: Type:										From (m): To (m): D-R-C: RPM: WOB (kN):										Hole Drag Up (kN): Hole Drag Down (kN): Torque at Bottom (Nm): Fill on Bottom (m):										From: To: Elapsed: Code: Details of Operations in Sequence & Remarks:									
1 BIT 311 0.30										311										SHURE SHALE 1 PAIRS										1 116 146 DRILL 120 5										0 0										00:00 00:15 0:25 7 RIG SERVICE CHECK DIVERTER 24 SEC CLOS/24 SEC OPEN																			
2 DC (8.00 IN) 212 17.90										1015 1050										DETERGENT 1 PAIRS										2 116 146 DRILL 120 5										0 0										00:15 00:30 5:20 2 DRILL 311 MM HOLE FROM 31M TO 88 M																			
1 BELL SUB 158 0.76										253025																				3 116 158 DRILL 120 5										0 0										00:30 00:45 0:50 10 DEVIATION SURVEY ACCUM																			
4 DC (6.25 IN) 158 9.14										116																				4 116 158 DRILL 120 5										0 0										00:45 00:55 0:25 21 SAFETY MEETING HAND OVER																			
1 TELADRIPT 158 2.61										31																				5 116 158 DRILL 120 5										0 0										00:55 01:00 1:75 2 DRILL FROM 88M TO 116																			
4 DC (6.25 IN) 158 36.05										85																				6 116 158 DRILL 120 5										0 0																													
1 SHORT 6.25 DC 158 4.61										7.00																				7 116 158 DRILL 120 5										0 0																													
1 JARS-HYDAMECH 158 5.20										7.75																				8 116 158 DRILL 120 5										0 0																													
3 DC (6.25 IN) 158 27.47										10.82																				9 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				10 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				11 116 158 DRILL 120 5										0 0																													
Weight of DC (kN) 4 Kelly Down (m) 11.11										DULL GRADE																				12 116 158 DRILL 120 5										0 0																													
Weight of string (kN) 10 Total (m) 116.45										DULL GRADE																				13 116 158 DRILL 120 5										0 0																													
TOUR 3										TOUR 4										TOUR 5																																																	
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Juts (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: 2010/01/17										Mud Type: Time: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³):										Product: Amount: Type:										From (m): To (m): D-R-C: RPM: WOB (kN):										Hole Drag Up (kN): Hole Drag Down (kN): Torque at Bottom (Nm): Fill on Bottom (m):										From: To: Elapsed: Code: Details of Operations in Sequence & Remarks:									
1 BIT 311 0.30										311										SHURE SHALE 1 PAIRS										1 116 146 DRILL 120 5										0 0										00:00 00:15 0:25 7 RIG SERVICE CHECK DIVERTER 24 SEC CLOS/24 SEC OPEN																			
2 DC (8.00 IN) 212 17.90										1015 1050										DETERGENT 1 PAIRS										2 116 146 DRILL 120 5										0 0										00:15 00:30 5:20 2 DRILL 311 MM HOLE FROM 31M TO 88 M																			
1 BELL SUB 158 0.76										253025																				3 116 158 DRILL 120 5										0 0										00:30 00:45 0:50 10 DEVIATION SURVEY ACCUM																			
4 DC (6.25 IN) 158 9.14										116																				4 116 158 DRILL 120 5										0 0										00:45 00:55 0:25 21 SAFETY MEETING HAND OVER																			
1 TELADRIPT 158 2.61										31																				5 116 158 DRILL 120 5										0 0										00:55 01:00 1:75 2 DRILL FROM 88M TO 116																			
4 DC (6.25 IN) 158 36.05										85																				6 116 158 DRILL 120 5										0 0																													
1 SHORT 6.25 DC 158 4.61										7.00																				7 116 158 DRILL 120 5										0 0																													
1 JARS-HYDAMECH 158 5.20										7.75																				8 116 158 DRILL 120 5										0 0																													
3 DC (6.25 IN) 158 27.47										10.82																				9 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				10 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				11 116 158 DRILL 120 5										0 0																													
Weight of DC (kN) 4 Kelly Down (m) 11.11										DULL GRADE																				12 116 158 DRILL 120 5										0 0																													
Weight of string (kN) 10 Total (m) 116.45										DULL GRADE																				13 116 158 DRILL 120 5										0 0																													
TOUR 4										TOUR 5										TOUR 6																																																	
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Juts (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: 2010/01/17										Mud Type: Time: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³):										Product: Amount: Type:										From (m): To (m): D-R-C: RPM: WOB (kN):										Hole Drag Up (kN): Hole Drag Down (kN): Torque at Bottom (Nm): Fill on Bottom (m):										From: To: Elapsed: Code: Details of Operations in Sequence & Remarks:									
1 BIT 311 0.30										311										SHURE SHALE 1 PAIRS										1 116 146 DRILL 120 5										0 0										00:00 00:15 0:25 7 RIG SERVICE CHECK DIVERTER 24 SEC CLOS/24 SEC OPEN																			
2 DC (8.00 IN) 212 17.90										1015 1050										DETERGENT 1 PAIRS										2 116 146 DRILL 120 5										0 0										00:15 00:30 5:20 2 DRILL 311 MM HOLE FROM 31M TO 88 M																			
1 BELL SUB 158 0.76										253025																				3 116 158 DRILL 120 5										0 0										00:30 00:45 0:50 10 DEVIATION SURVEY ACCUM																			
4 DC (6.25 IN) 158 9.14										116																				4 116 158 DRILL 120 5										0 0										00:45 00:55 0:25 21 SAFETY MEETING HAND OVER																			
1 TELADRIPT 158 2.61										31																				5 116 158 DRILL 120 5										0 0										00:55 01:00 1:75 2 DRILL FROM 88M TO 116																			
4 DC (6.25 IN) 158 36.05										85																				6 116 158 DRILL 120 5										0 0																													
1 SHORT 6.25 DC 158 4.61										7.00																				7 116 158 DRILL 120 5										0 0																													
1 JARS-HYDAMECH 158 5.20										7.75																				8 116 158 DRILL 120 5										0 0																													
3 DC (6.25 IN) 158 27.47										10.82																				9 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				10 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				11 116 158 DRILL 120 5										0 0																													
Weight of DC (kN) 4 Kelly Down (m) 11.11										DULL GRADE																				12 116 158 DRILL 120 5										0 0																													
Weight of string (kN) 10 Total (m) 116.45										DULL GRADE																				13 116 158 DRILL 120 5										0 0																													
TOUR 5										TOUR 6										TOUR 7																																																	
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Juts (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: 2010/01/17										Mud Type: Time: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³):										Product: Amount: Type:										From (m): To (m): D-R-C: RPM: WOB (kN):										Hole Drag Up (kN): Hole Drag Down (kN): Torque at Bottom (Nm): Fill on Bottom (m):										From: To: Elapsed: Code: Details of Operations in Sequence & Remarks:									
1 BIT 311 0.30										311										SHURE SHALE 1 PAIRS										1 116 146 DRILL 120 5										0 0										00:00 00:15 0:25 7 RIG SERVICE CHECK DIVERTER 24 SEC CLOS/24 SEC OPEN																			
2 DC (8.00 IN) 212 17.90										1015 1050										DETERGENT 1 PAIRS										2 116 146 DRILL 120 5										0 0										00:15 00:30 5:20 2 DRILL 311 MM HOLE FROM 31M TO 88 M																			
1 BELL SUB 158 0.76										253025																				3 116 158 DRILL 120 5										0 0										00:30 00:45 0:50 10 DEVIATION SURVEY ACCUM																			
4 DC (6.25 IN) 158 9.14										116																				4 116 158 DRILL 120 5										0 0										00:45 00:55 0:25 21 SAFETY MEETING HAND OVER																			
1 TELADRIPT 158 2.61										31																				5 116 158 DRILL 120 5										0 0										00:55 01:00 1:75 2 DRILL FROM 88M TO 116																			
4 DC (6.25 IN) 158 36.05										85																				6 116 158 DRILL 120 5										0 0																													
1 SHORT 6.25 DC 158 4.61										7.00																				7 116 158 DRILL 120 5										0 0																													
1 JARS-HYDAMECH 158 5.20										7.75																				8 116 158 DRILL 120 5										0 0																													
3 DC (6.25 IN) 158 27.47										10.82																				9 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				10 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				11 116 158 DRILL 120 5										0 0																													
Weight of DC (kN) 4 Kelly Down (m) 11.11										DULL GRADE																				12 116 158 DRILL 120 5										0 0																													
Weight of string (kN) 10 Total (m) 116.45										DULL GRADE																				13 116 158 DRILL 120 5										0 0																													
TOUR 6										TOUR 7										TOUR 8																																																	
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m)										Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Juts (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: 2010/01/17										Mud Type: Time: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³):										Product: Amount: Type:										From (m): To (m): D-R-C: RPM: WOB (kN):										Hole Drag Up (kN): Hole Drag Down (kN): Torque at Bottom (Nm): Fill on Bottom (m):										From: To: Elapsed: Code: Details of Operations in Sequence & Remarks:									
1 BIT 311 0.30										311										SHURE SHALE 1 PAIRS										1 116 146 DRILL 120 5										0 0										00:00 00:15 0:25 7 RIG SERVICE CHECK DIVERTER 24 SEC CLOS/24 SEC OPEN																			
2 DC (8.00 IN) 212 17.90										1015 1050										DETERGENT 1 PAIRS										2 116 146 DRILL 120 5										0 0										00:15 00:30 5:20 2 DRILL 311 MM HOLE FROM 31M TO 88 M																			
1 BELL SUB 158 0.76										253025																				3 116 158 DRILL 120 5										0 0										00:30 00:45 0:50 10 DEVIATION SURVEY ACCUM																			
4 DC (6.25 IN) 158 9.14										116																				4 116 158 DRILL 120 5										0 0										00:45 00:55 0:25 21 SAFETY MEETING HAND OVER																			
1 TELADRIPT 158 2.61										31																				5 116 158 DRILL 120 5										0 0										00:55 01:00 1:75 2 DRILL FROM 88M TO 116																			
4 DC (6.25 IN) 158 36.05										85																				6 116 158 DRILL 120 5										0 0																													
1 SHORT 6.25 DC 158 4.61										7.00																				7 116 158 DRILL 120 5										0 0																													
1 JARS-HYDAMECH 158 5.20										7.75																				8 116 158 DRILL 120 5										0 0																													
3 DC (6.25 IN) 158 27.47										10.82																				9 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				10 116 158 DRILL 120 5										0 0																													
0 Drill Pipe Stands (m) 0.00										DULL GRADE																				11 116 158 DRILL 120 5										0 0																													
Weight of DC (kN) 4 Kelly Down (m) 11.11										DULL GRADE																				12 116 158 DRILL 120 5										0 0																													
Weight of string (kN) 10 Total (m) 116.45										DULL GRADE																																																											

FRONT PAGE SUMMARY				DAILY CHECKS				OP RM				FUEL @ 08:00 HOURS				DRILL PIPE				MUD PUMPS				GENERAL EQUIPMENT & SERVICES									
Job Sheet Serial Number: 0752245_20100119_10Pason				Vendor Software Version: 2010 01 14				1) Daily Job Sheet Inspection				Rt				Category				No.				Description				Hours					
Rig No. Well Name				Surface Location				Prev Loc Type				Uniquely Well Id				Kally Rushing				DP				1				MUD PUMP				24.00	
245 Para et al Cameron H-06				4208 13.20N/117.30E				NT				C/O				5				DC				2				DIVERTER				24.00	
License No. Operator				Contractor				Well Type				No-Entry				Weather				Casing				Shale Shakers									
2064 PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PDC				VERT				233625				Time				Category				No.									
Operator's AFE				Contractor's Job No				Sign Date				Time				Current Conditions				K8 to CSG Head (m)				K8 to CSG Bottom (m)									
09010004				353				2010/01/19				23:15				Wind Direction																	
Signature of Operator Representative				Signature of Contractor's Rep Manager				Rig Release Date				Time				Wind Strength																	
JOSE BLINSTON				ERICK BJORAS												Road Condition																	

TOUR 1				SIGNATURE OF DRILLER				ROMEO GASTOUS				START TIME				END TIME											
DRILLING ASSEMBLY				BITS				MUD RECORD				MUD MATERIALS ADDED				METRES DRILLED				HOLE CONDITION				TIME LOG			
No. Component ID (mm) Length (m)				Bit Number 1				Mud Type Water 0 0 0 0 0 0				Product Amount Type				From (m) To (m) D-R-C RPM WOB (kda)				Hole Drag Up (kda)				From ToElapsed Code			
1 BIT 311 0.30				Size (mm) 311				Time 13:00 15:00				SODIUM BICARBONATE 2 S2				141 170 DRILL 120 4				0				00:00 00:15 0.25 7 RIG SERVICE			
2 BIT SUB 221 0.70				MDC Code				Density (kg/m³) 1020 1020												0				00:15 00:00 5.75 13 WAIT ON CEMENT			
3 DC (6.00 IN) 212 17.90				Manufacturer VAREL				Funnel Viscosity (cP) 40 40												0				00:00 06:15 0.25 21 HAND OVER MEETING			
4 BELL SUB 158 0.76				Type HE04-JMRSV				Fluid Loss (cm) pH												0				06:15 08:30 0.25 13 WAIT ON CEMENT			
5 DC (6.25 IN) 158 8.14				Serial No 233625				Location																06:30 07:30 0.50 6 TRIPS (RUN IN 2X BENCH PICK UP KELLY AND CIRC.)			
6 TELADRIPT 158 2.81				Jct (mm) 14.3 14.3 14.3				Depth (m) 118																07:30 08:00 1.00 6 TRIP OUT CIRC. OUT CEMENT SLUDGE			
7 DC (6.25 IN) 158 36.65				Depth Out (m)				Total Drilled (m)																			
8 SHORT 6.25 DC 158 4.81				Hrs Run Today				CentreFudge																			
9 JARS-HYDMECH 158 5.20				Cumulative Hrs Run				Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)																			
10 DC (6.25 IN) 158 54.52				Entry Date 2010/01/19				CENTREFUDGE 8.00 1020 1020 1920																			
11 DRIP Pipe Stands (m) 0.00				DULL GRADE				SOLID CONTROL				REDUCED PUMP SPEED				BOILER				DEVIATION SURVEYS							
12 DRIP Pipe Stands (m) 0.00				T Gauge (mm) 0.00				Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)				No. Pressure (kpa) Strokes/min Depth (m)				No. Hours Run pH Stack Temp (°C)				Time Depth (m) Deviation (Direction) Type							
13 Weight of DC (kda) 4 Kelly Down (m) 11.11				MDC Reason Pulled				CENTREFUDGE 8.00 1020 1020 1920				1 152 0 0 0.00				98 8.00 10.5 270.00											
14 Weight of string (kda) 10 Total (m) 143.50				LOC Total Run (m/hr)				SAFETY				2 152 0 0 0.00															
				BRG				Safety Topic				Remarks:															
								RIG UP NEW LINE TO NEW MANIFOLD SHACK																			

TOUR 2				SIGNATURE OF DRILLER				PETER WANGZYK				START TIME				END TIME											
DRILLING ASSEMBLY				BITS				MUD RECORD				MUD MATERIALS ADDED				METRES DRILLED				HOLE CONDITION				TIME LOG			
No. Component ID (mm) Length (m)				Bit Number 1				Mud Type Water 0 0 0 0 0 0				Product Amount Type				From (m) To (m) D-R-C RPM WOB (kda)				Hole Drag Up (kda)				From ToElapsed Code			
1 BIT 311 0.30				Size (mm) 311				Time 13:00 15:00				SODIUM BICARBONATE 2 S2				141 170 DRILL 120 4				0				08:00 08:15 0.25 6 TRIP OUT 8" RACK KELLY			
2 BIT SUB 221 0.70				MDC Code				Density (kg/m³) 1020 1020												0				08:15 08:30 0.25 6 TRIP BACK IN WITH 2X8" PICK UP KELLY AND CIRC.			
3 DC (6.00 IN) 212 17.90				Manufacturer VAREL				Funnel Viscosity (cP) 40 40												0				08:30 11:15 2.75 5 CONDITION MUD & CIRCULATE (GO IN TO 28M CIRC. W/ KELLY TAGGED CEMENT @ 28M)			
4 BELL SUB 158 0.76				Type HE04-JMRSV				Fluid Loss (cm) pH												0				11:15 12:05 0.50 6 TRIP OUT OF HOLE (RACK 8" BLOW KELLY)			
5 DC (6.25 IN) 158 8.14				Serial No 233625				Location																12:00 12:15 0.25 6 SAFETY MEETING (HAND OVER)			
6 TELADRIPT 158 2.81				Jct (mm) 14.3 14.3 14.3				Depth (m) 166																12:15 12:45 0.50 12C CEMENTING CELLER			
7 DC (6.25 IN) 158 36.65				Depth Out (m)				Total Drilled (m)																12:45 13:00 0.25 7 RIG SERVICE			
8 SHORT 6.25 DC 158 4.81				Hrs Run Today				CENTREFUDGE																13:00 16:00 3.00 13 WAIT ON CEMENT			
9 JARS-HYDMECH 158 5.20				Cumulative Hrs Run				Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)																			
10 DC (6.25 IN) 158 54.52				Entry Date 0.00				CENTREFUDGE 8.00 1020 1020 1920																			
11 DRIP Pipe Stands (m) 0.00				DULL GRADE				SOLID CONTROL				REDUCED PUMP SPEED				BOILER				DEVIATION SURVEYS							
12 DRIP Pipe Stands (m) 0.00				T Gauge (mm) 0.00				Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)				No. Pressure (kpa) Strokes/min Depth (m)				No. Hours Run pH Stack Temp (°C)				Time Depth (m) Deviation (Direction) Type							
13 Weight of DC (kda) 4 Kelly Down (m) 11.11				MDC Reason Pulled				CENTREFUDGE 8.00 1020 1020 1920				1 152 70 280 2.00				98 8.00 9.0 280.00											
14 Weight of string (kda) 10 Total (m) 143.50				LOC Total Run (m/hr)				SAFETY				2 152 70 280 2.00															
				BRG				Safety Topic				Remarks:															
								SLIPS AND FALLS																			

TOUR 3				SIGNATURE OF DRILLER				ROMEO GASTOUS				START TIME				END TIME											
DRILLING ASSEMBLY				BITS				MUD RECORD				MUD MATERIALS ADDED				METRES DRILLED				HOLE CONDITION				TIME LOG			
No. Component ID (mm) Length (m)				Bit Number 1				Mud Type Water 0 0 0 0 0 0				Product Amount Type				From (m) To (m) D-R-C RPM WOB (kda)				Hole Drag Up (kda)				From ToElapsed Code			
1 BIT 311 0.30				Size (mm) 311				Time 13:00 15:00				GEL HYPERDRILLAF247RD 2 S2				141 170 DRILL 120 4				0				16:00 16:45 1.25 9 WAIT ON CEMENT			
2 BIT SUB 221 0.70				MDC Code				Density (kg/m³) 1020 1020												0				16:45 18:00 1.25 9 TRIP BACK TO BOTTOM			
3 DC (6.00 IN) 212 17.90				Manufacturer VAREL				Funnel Viscosity (cP) 40 40												0				18:00 18:15 0.25 21 SAFETY MEETING (HAND OVER)			
4 BELL SUB 158 0.76				Type HE04-JMRSV				Fluid Loss (cm) pH												0				18:15 20:30 2.25 6A TRIP IN HOLE. PICK UP KELLY AND CLEAN TO RTM			
5 DC (6.25 IN) 158 8.14				Serial No 233625				Location																20:30 21:00 0.50 5 CIRC AND CLEAN TO RTM FROM 125M TO 140M			
6 TELADRIPT 158 2.81				Jct (mm) 14.3 14.3 14.3				Depth (m) 141																21:00 22:00 1.00 2 DRILL FROM 141M TO 152 M			
7 DC (6.25 IN) 158 36.65				Depth Out (m)				Total Drilled (m)																22:00 22:15 0.25 7 RIG SERVICE CHECK DIVERTERS 23 SEC C/ 22 SEC OPEN			
8 SHORT 6.25 DC 158 4.81				Hrs Run Today				CENTREFUDGE																22:15 24:00 1.75 2 DRILL FROM 152M TO 166M			
9 JARS-HYDMECH 158 5.20				Cumulative Hrs Run				Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)																			
10 DC (6.25 IN) 158 81.58				Entry Date 2010/01/19				CENTREFUDGE 2.75 1020 1020 1475																			
11 DRIP Pipe Stands (m) 0.00				DULL GRADE				SOLID CONTROL				REDUCED PUMP SPEED				BOILER				DEVIATION SURVEYS							
12 DRIP Pipe Stands (m) 0.00				T Gauge (mm) 0.00				Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)				No. Pressure (kpa) Strokes/min Depth (m)				No. Hours Run pH Stack Temp (°C)				Time Depth (m) Deviation (Direction) Type							
13 Weight of DC (kda) 12 Kelly Down (m) 6.55				MDC Reason Pulled				CENTREFUDGE 2.75 1020 1020 1475				1 152 80 5600 4.00				98 8.00 10.5 250.00											
14 Weight of string (kda) 22 Total (m) 166.00				LOC Total Run (m/hr)				SAFETY				2 152 80 5600 4.00															
				BRG				Safety Topic				Remarks:															
								RIGGER GLOVES																			

[illegible]

FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Job Sheet Number: 252245, 20100121, 1A Pason										Year: 2010, Month: 01, Day: 21										OP RM										Category: DP, Throat Type: 4" FH, Grade: RS95, OD (mm): 102, ID (mm): 65, Linear Mass (kg/m): 22.4000, No. of Joints: 185, Tool Joint OD (mm): 185										No. 1: BPMP, Make: , Stroke Length (mm): 220, Description: MUD PUMP, Hours: 24.00										No. 2: BPMP, Make: , Stroke Length (mm): 220, Description: MANIFOLD SHACK, Hours: 24.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Licence No. 2064, Operator: PARAMOUNT RESOURCES LTD, Contractor: PRECISION DRILLING, DIV OF PDC, Operator's A/E: PDC10004, Signature of Operator Representative: JOSH BLINSTON, Signature of Contractor's Rig manager: ERICK BIGRAS										Well Name: 30 26 163 29 117 36 1, Surface Location: NT, LAT: , LONG: , Well Type: VERT, Spool Date: 2010/1/16, Time: 23:15, Rig Release Date: , Wind Type: , Re-Entry: , Current Conditions: CLEAR, Wind Direction: N, Wind Strength: UP TO 19 KMH, Road Condition: FAIR										Weather: Time: 06:00, Temp: -10, Current Conditions: CLEAR, Wind Direction: N, Wind Strength: UP TO 19 KMH, Road Condition: FAIR										Casing: Category: SURFACE, Throat Type: J-55, Grade: , OD (mm): 210, ID (mm): 206, Linear Mass (kg/m): 35.72, No. of Joints: 328, Total Length (m): 378, K8 to CSG Head (m): 4, K8 to CSG Bottom (m): 378										Shale Shakers: No. 1: 110, Tag Screen: , Mesh Size: 64, Middle Screen: , Mesh Size: 64, Bottom Screen: , Mesh Size: 64, Hours: 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4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 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55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 158 0.26										1 HWDP (4.0 IN) 135 55.40										1 BIT 311 0.20										1 BIT SUB 221 0.50										1 DC (6.25 IN) 158 9.14										1 TELADRIPT 158 2.61										1 DC (6.25 IN) 158 38.72										1 SHORT 8.25 DC 158 4.61										1 JARS-HYDMECH 158 5.20										1 DC (6.25 IN) 158 81.58										1 XJO 1									

FRONT PAGE SUMMARY

Job No.	Well Name	Surface Location	Flow	Loc Type	Unique Well ID	Daily Running
245	Para el al Cameron H-06	4628.1A.10N/17.35E	NT	Other	245	5

License No.	Operator	Contractor	Well Type	Re-Entry
2064	PARAMOUNT RESOURCES LTD	PRECISION DRILLING, DIV OF PDC	VERY	☐
Operator's AFE	Contractor's Job No.	Start Date	Time	
10000	2010/07/16	23:15		
Signature of Operator/Representative	Signature of Contractor's Rig Manager	Rig Release Date	Time	
JOSH BLINSTON				

DAILY CHECKS

1) Risk Watch Around Inspection	UR	EB
2) Detailed Inspection - Weekly Driller Check List	UR	EB
3) 125 Steps Inspected if Required	UR	EB
4) Well License & Block Diagram Ported	UR	EB
5) Flare Line Checked	UR	EB
6) 150' Drift Ported	UR	EB
7) Visually Inspected BOPs - Flame Lines & Degasser Lines	UR	EB

FUEL @ 08:00 HOURS

Rig	Boiler
Op Fuel	Op Fuel
Weather	Time
Time	08:00
Temp	-19
Current Conditions	CLEAR
Wind Direction	N
Wind Strength	UP TO 19 KMH
Road Condition	FAIR

DRILL PIPE

Category	Thread Type	Grade	OD (mm)	ID (mm)	Linear Mass (kg/m)	No. of Joints	Total Length (m)
DC	4" FH	SS95	102	85	22.4000	185	
OP	4.5" XH	DC	158	59	124.0000	18	
HW	4" FH	HWDP	102	85	41.6000	6	

MUD PUMPS

No.	Make	Stroke Length (mm)
1	3PMPM	229
2	3PMPM	229

GENERAL EQUIPMENT & SERVICES

Description	Hours
MUD PUMP	24.00
MANIFOLD SHACK	24.00
LOADER	24.00



TOUR 1

DRILLING ASSEMBLY

No.	Component	OD (mm)	ID (mm)	Length (m)
1	BIT	200		0.20
1	BIT SUB	221		0.73
1	TELEDRIFT	158		2.61
1	DC (6.25 IN)	158		45.87
1458	SHORT 8.25 DC	158		4.61
1	JARS-HYDMECH	158		5.20
1	DC (6.25 IN)	158		81.58
1	X/O	158		0.26
6	HWDP(4.0 IN)	135		55.40

SIGNATURE OF DRILLER

ROMEO DASTOUS

MUD RECORD

Mud Type	Water (%)	Oil (%)	Other (%)
Time	08:00	10:00	12:00
Density (kg/m³)	1010	1010	1010
Funnel Viscosity (cP)	25	24	25
Fluid Loss (cm³)			
pH	11	11	11
Location	SHAKER	SHAKER	SHAKER
Depth (m)	361	368	381
PVT (m³)	17	17	17

METRES DRILLED

From (m)	To (m)	D-R-C	RPM	WOB (kdaN)
378	427	DRILL	65	2

START TIME 00:00 END TIME 08:00

HOLE CONDITION

Hole Drag Up (kdaN)	0
Hole Drag Down (kdaN)	0
Torque at Bottom (Nm)	0
Fill on Bottom (m)	0

TOUR 2

DRILLING ASSEMBLY

No.	Component	OD (mm)	ID (mm)	Length (m)
1	BIT	200		0.20
1	BIT SUB	221		0.73
1	TELEDRIFT	158		2.61
1	DC (6.25 IN)	158		45.87
1458	SHORT 8.25 DC	158		4.61
1	JARS-HYDMECH	158		5.20
1	DC (6.25 IN)	158		81.58
1	X/O	158		0.26
6	HWDP(4.0 IN)	135		55.40

SIGNATURE OF DRILLER

PETER MANCZYK

MUD RECORD

Mud Type	Water (%)	Oil (%)	Other (%)
Time	08:00	10:00	12:00
Density (kg/m³)	1010	1010	1010
Funnel Viscosity (cP)	25	24	25
Fluid Loss (cm³)			
pH	11	11	11
Location	SHAKER	SHAKER	SHAKER
Depth (m)	361	368	381
PVT (m³)	17	17	17

METRES DRILLED

From (m)	To (m)	D-R-C	RPM	WOB (kdaN)
378	427	DRILL	65	2

START TIME 08:00 END TIME 16:00

HOLE CONDITION

Hole Drag Up (kdaN)	1
Hole Drag Down (kdaN)	2
Torque at Bottom (Nm)	0
Fill on Bottom (m)	0

TOUR 3

DRILLING ASSEMBLY

No.	Component	OD (mm)	ID (mm)	Length (m)
1	BIT	200		0.20
1	BIT SUB	221		0.73
1	TELEDRIFT	158		2.61
1	DC (6.25 IN)	158		45.87
1458	SHORT 8.25 DC	158		4.61
1	JARS-HYDMECH	158		5.20
1	DC (6.25 IN)	158		81.58
1	X/O	158		0.26
6	HWDP(4.0 IN)	135		55.40

SIGNATURE OF DRILLER

ROMEO DASTOUS

MUD RECORD

Mud Type	Water (%)	Oil (%)	Other (%)
Time	17:00		
Density (kg/m³)	17.00		
Funnel Viscosity (cP)			
Fluid Loss (cm³)			
pH			
Location	SHAKER		
Depth (m)	425		
PVT (m³)	17		

METRES DRILLED

From (m)	To (m)	D-R-C	RPM	WOB (kdaN)
427	533	DRILL	65	2

START TIME 16:00 END TIME 24:00

HOLE CONDITION

Hole Drag Up (kdaN)	1
Hole Drag Down (kdaN)	3
Torque at Bottom (Nm)	0
Fill on Bottom (m)	0



Item Screen	
Changed	New
☐	☐
☐	☐
☐	☐

[illegible][illegible]

FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																			
Job Sheet Serial Number / Vendor Software Version / Year / Month / Day										OP RM										Weather										Casing										Shale Shakers										Pason																			
2152245_20100125_1EPason																																																																					
Rig No. / Well Name / Surface Location / Flow Loc Type / Unique Well ID / Well Running / 245 / Para et al Cameron H-06 / 4826 ULK001173-01 / 13.206 / 5										1) Data Risk Assessment / 2) Detailed Inspection - Weekly Shale Check / 3) H2S Status Periodic / 4) Well License & Stock Diagram / 5) Flow Lines / 6) BOP Drills / 7) Visually Inspected BOP - Flow Lines & Hogester Lines										Time / Temp / Current Conditions / Wind Direction / Wind Strength / Road Condition										Category / Thrust Type / Grade / OD (mm) / ID (mm) / Linear Mass (kg/m) / No. of Joints / Total Joint OD (mm)										No. / Make / Stroke Length (mm) / Hours										Description / Hours																			
Operator's AFE / CONTRACTOR'S JOB NO. / SIGNATURE OF OPERATOR REPRESENTATIVE / SIGNATURE OF CONTRACTOR'S RIG MANAGER / JOSH BLINSTON / ERIC BIGRAS										VERT / Spool Date / Time / 2010/01/25 / 23:15 /										Time / Temp / CLEAR / N / UP TO 10 KMPH / FAIR										Category / Make / Grade / OD (mm) / ID (mm) / Linear Mass (kg/m) / No. of Joints / Total Length (m) / KID to CSG Head (m) / KID to CSG Bottom (m)										No. / Top Screen / Middle Screen / Middle Screen / Bottom Screen /										No. / Size / Changed / New / Size / Changed / New / Size / Changed / New / Size / Changed / New																			
2064 / PARAMOUNT RESOURCES LTD. / PRECISION DRILLING, DIV OF POC / 352 Contractor's Job No. / 2010/01/25 / 23:15 /										1) Risk Assessment & Safety Meeting / 2) CAODC Rig Safety Inspection Checklist / 3) Visual Inspection before Running or Lowering / 4) Crown Saver Checked / 5) Motor Joints Checked										Time / Temp / CLEAR / N / UP TO 10 KMPH / FAIR										Category / Make / Grade / OD (mm) / ID (mm) / Linear Mass (kg/m) / No. of Joints / Total Length (m) / KID to CSG Head (m) / KID to CSG Bottom (m)										No. / Top Screen / Middle Screen / Middle Screen / Bottom Screen /										No. / Size / Changed / New / Size / Changed / New / Size / Changed / New / Size / Changed / New																			
TOUR 1										SIGNATURE OF DRILLER										ROMEO DASTOUS										START TIME										END TIME																													
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. / Component / OD (mm) / ID (mm) / Length (m) / 1 / BIT / 200 / 0.20 / 1 / BIT SUB / 221 / 0.73 / 1 / TELADRIFT / 158 / 2.61 / 5 / DC (6.25 IN) / 158 / 45.87 / 1 / SHORT 6.25 DC / 158 / 4.61 / 1 / JARS-HYDMECH / 158 / 5.20 / 9 / DC (6.25 IN) / 158 / 81.58 / 1 / X/O / 158 / 0.26 / 6 / HWDP (4.0 IN) / 135 / 55.40										BIT Number / Size (mm) / AUC Code / Manufacturer / Type / YTD513H-X / Serial No. / 4000287 / Jars (mm) / 10.3 / 10.3 / 10.3 / 10.3 / Depth Out (m) / 427 / Depth In (m) / 378 / Total Drilled (m) / 49 / Hrs Run Today / 4.50 / Cumulative Hrs Run / 4.50 / Entry Date / 2010/01/22										Mud Type / Water / Oil / Other / Density (kg/m³) / Funnel Viscosity (cP) / Fluid Loss (cm) / pH / Location / Depth (m) / PVT (m) / SOLIDS CONTROL / Equipment Name / Hours Run / Intake Density (kg/m³) / Over Flow Density (kg/m³) / Under Flow Density (kg/m³) / SAFETY / Safety Topic / MEHL (kg/m³) / WACP (kg/m³) / RUN CEMENT PLUG										From (m) / To (m) / D-R-C / RPM / WOB (kdaN) / REDUCED PUMP SPEED / No. / Pressure (kg) / Strokes/min / Depth (m) / CIRCULATION / Pump Type / Linear Size (mm) / GPM / Pressure (kg) / Hours Run / DEVIATION SURVEYS / Time / Depth (m) / Deviation / Direction / Type										Hole Drag Up (kdaN) / Hole Drag Down (kdaN) / Torque at Bottom (Nm) / Fill on Bottom (m) / No. / Hours Run / pH / Stack Temp (°C) / VALVE RINSTALLED AND CHANGED AIR HOSE TO CONTROL AND FIXED PROBLEM PICK UP TOOLS AND PUT AWAY										From / To /Elapsed / Code / Details of Operations in Sequence & Remarks / 00:00 / 00:15 / 0.25 / 6A / TRIP IN HOLE OPEN END TAG CEMENT @ 663 M / 00:15 / 00:30 / 0.25 / 7 / RIG SERVICE/ CLOSE OUTSIDE VALVE CHECK H.C.R VALVE 1 SEC OPEN / 00:30 / 00:45 / 0.25 / 21D / PRE-JOB SAFETY ON RUNNING CEMENT PLUG #2 / 00:45 / 01:30 / 0.75 / 12F / CEMENT PLUG #2 FROM 663 TO 563 M PUMPED 2M3 FRESH WATER 2M3 VISWEEP 4T 3.4M3 OF LGS 1820 @ 1820G/M3 DENSITY, THRIPPED UP TO THE SHOE TO CIRCULATE / 01:30 / 05:00 / 4.50 / 6 / CIRC @ 365M SHIP AND CUT WHILE CIRCULATING / 05:00 / 08:15 / 0.25 / 21 / HAND OVER SAFETY MEETING / 08:15 / 08:00 / 1.75 / 5 / CIRCULATE @ 365 M & WAIT ON CEMENT / NO LOST																			
28 / Drill Pipe / Standards (m) / 535.06 / 1 / Drill Pipe / Singles (m) / 9.32 / Weight of DC (kg) / 12 / Kelly Down (m) / 11.85 / Weight of string (kg) / 32 / Total (m) / 752.69										DULL GRADE / T / Gauge (mm) / MDC / Reason Pulled / LDC / Total Run (m/h) / BRG										SAFETY / Safety Topic / MEHL (kg/m³) / WACP (kg/m³) / RUN CEMENT PLUG										Remarks: CHECK CROWN SAVER OK, CHECK BRAKE & LINKAGE, PINS, TONGS, BACK UP LINE, BACK UP CABLE SLIPS, ELEVATOR, ESCAPE LINE, EASY RIDER, CHECK STABBING VALVE, BLOW BOILER 4X 150 L.																																							
TOUR 2										SIGNATURE OF DRILLER										PETER WANCZYK										START TIME										END TIME																													
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. / Component / OD (mm) / ID (mm) / Length (m) / 1 / BIT / 200 / 0.20 / 1 / BIT SUB / 221 / 0.73 / 1 / TELADRIFT / 158 / 2.61 / 5 / DC (6.25 IN) / 158 / 45.87 / 1 / SHORT 6.25 DC / 158 / 4.61 / 1 / JARS-HYDMECH / 158 / 5.20 / 9 / DC (6.25 IN) / 158 / 81.58 / 1 / X/O / 158 / 0.26 / 6 / HWDP (4.0 IN) / 135 / 55.40										BIT Number / Size (mm) / AUC Code / Manufacturer / Type / YTD513H-X / Serial No. / 4000287 / Jars (mm) / 10.3 / 10.3 / 10.3 / 10.3 / Depth Out (m) / 532 / Depth In (m) / 378 / Total Drilled (m) / 154 / Hrs Run Today / 7.50 / Cumulative Hrs Run / 12.00 / Entry Date / 2010/01/22										Mud Type / Water / Oil / Other / Density (kg/m³) / Funnel Viscosity (cP) / Fluid Loss (cm) / pH / Location / Depth (m) / PVT (m) / SOLIDS CONTROL / Equipment Name / Hours Run / Intake Density (kg/m³) / Over Flow Density (kg/m³) / Under Flow Density (kg/m³) / CENTRIFUGE / 0.00 / SAFETY / Safety Topic / MEHL (kg/m³) / WACP (kg/m³) / GOOD COMMUNICATION										From (m) / To (m) / D-R-C / RPM / WOB (kdaN) / REDUCED PUMP SPEED / No. / Pressure (kg) / Strokes/min / Depth (m) / CIRCULATION / Pump Type / Linear Size (mm) / GPM / Pressure (kg) / Hours Run / DEVIATION SURVEYS / Time / Depth (m) / Deviation / Direction / Type										Hole Drag Up (kdaN) / Hole Drag Down (kdaN) / Torque at Bottom (Nm) / Fill on Bottom (m) / No. / Hours Run / pH / Stack Temp (°C) / VALVE RINSTALLED AND CHANGED AIR HOSE TO CONTROL AND FIXED PROBLEM PICK UP TOOLS AND PUT AWAY										From / To /Elapsed / Code / Details of Operations in Sequence & Remarks / 08:00 / 08:15 / 0.25 / 25 / BLOW OUT 2" CIRC. LINE PREPARE TO TRIP OUT / 08:15 / 09:15 / 1.00 / 6 / TRIP OUT TO PICK UP BHA / 08:15 / 12:00 / 2.75 / 8 / HOISTING CLUTCH CHANGE CONTROL, CLEAN OUT SHUTTER VALVE AND CLEAN PLUNGER VALVE RINSTALLED AND CHANGED AIR HOSE TO CONTROL AND FIXED PROBLEM PICK UP TOOLS AND PUT AWAY																			
28 / Drill Pipe / Standards (m) / 535.06 / 1 / Drill Pipe / Singles (m) / 9.32 / Weight of DC (kg) / 12 / Kelly Down (m) / 11.85 / Weight of string (kg) / 32 / Total (m) / 752.69										DULL GRADE / T / Gauge (mm) / MDC / Reason Pulled / LDC / Total Run (m/h) / BRG										SAFETY / Safety Topic / MEHL (kg/m³) / WACP (kg/m³) / GOOD COMMUNICATION										Remarks: VISUALLY INSPECT BRAKE, ROLLERS, PINS, LINKAGE, CHECK DEADMAN NUTS AND BOLTS, SET AND FUNCTION CROWN SAVER, VISUALLY INSPECT TONGS, BACKUP LINES, DC/DP SLIPS, ELEVATORS, TUGGER HOOKS, VISUALLY INSPECT FLARE/DEGASER LINES AND FLARE TANK, BLOW DOWN BOILER 4X150L.																																							
TOUR 3										SIGNATURE OF DRILLER										ROMEO DASTOUS										START TIME										END TIME																													
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. / Component / OD (mm) / ID (mm) / Length (m) / 1 / BIT / 200 / 0.20 / 1 / BIT SUB / 221 / 0.73 / 1 / TELADRIFT / 158 / 2.61 / 5 / DC (6.25 IN) / 158 / 45.87 / 1 / SHORT 6.25 DC / 158 / 4.61 / 1 / JARS-HYDMECH / 158 / 5.20 / 9 / DC (6.25 IN) / 158 / 81.58 / 1 / X/O / 158 / 0.26 / 6 / HWDP (4.0 IN) / 135 / 55.40										BIT Number / Size (mm) / AUC Code / Manufacturer / Type / YTD513H-X / Serial No. / 4000287 / Jars (mm) / 10.3 / 10.3 / 10.3 / 10.3 / Depth Out (m) / 597 / Depth In (m) / 378 / Total Drilled (m) / 219 / Hrs Run Today / 5.75 / Cumulative Hrs Run / 17.75 / Entry Date / 2010/01/23										Mud Type / Water / Oil / Other / Density (kg/m³) / Funnel Viscosity (cP) / Fluid Loss (cm) / pH / Location / Depth (m) / PVT (m) / SOLIDS CONTROL / Equipment Name / Hours Run / Intake Density (kg/m³) / Over Flow Density (kg/m³) / Under Flow Density (kg/m³) / CENTRIFUGE / 0.00 / SAFETY / Safety Topic / MEHL (kg/m³) / WACP (kg/m³) / RIGGERS GLOVES										From (m) / To (m) / D-R-C / RPM / WOB (kdaN) / REDUCED PUMP SPEED / No. / Pressure (kg) / Strokes/min / Depth (m) / CIRCULATION / Pump Type / Linear Size (mm) / GPM / Pressure (kg) / Hours Run / DEVIATION SURVEYS / Time / Depth (m) / Deviation / Direction / Type										Hole Drag Up (kdaN) / Hole Drag Down (kdaN) / Torque at Bottom (Nm) / Fill on Bottom (m) / No. / Hours Run / pH / Stack Temp (°C) / VALVE RINSTALLED AND CHANGED AIR HOSE TO CONTROL AND FIXED PROBLEM PICK UP TOOLS AND PUT AWAY										From / To /Elapsed / Code / Details of Operations in Sequence & Remarks / 16:00 / 16:15 / 0.25 / 8A / TRIP IN HOLE, FINISH TRIPPING IN, PREPARE TO DRILL OUT CEMENT / 16:15 / 17:30 / 1.25 / 25 / THAW FRONT PLUG IN KELLY WAT FOR OVER 16 hrs/KELLY BOP/NER FROZEN / 17:30 / 18:00 / 0.50 / 35 / BRAKE CIRCULATION AND DRILL OUT CEMENT / 18:00 / 18:15 / 0.25 / 21 / HANDOVER SAFETY MEETING / 18:15 / 23:45 / 5.50 / 25 / DRILL OUT CEMENT, FROM 550M TO 623 M / 23:45 / 24:00 / 0.25 / 10 / ACCUM SURVEY TIME																			
22 / Drill Pipe / Standards (m) / 420.71 / 0 / Drill Pipe / Singles (m) / 0.00 / Weight of DC (kg) / 12 / Kelly Down (m) / 8.89 / Weight of string (kg) / 30 / Total (m) / 623.86										DULL GRADE / T / Gauge (mm) / MDC / Reason Pulled / LDC / Total Run (m/h) / BRG										SAFETY / Safety Topic / MEHL (kg/m³) / WACP (kg/m³) / RIGGERS GLOVES										Remarks: VISUALLY INSPECT BRAKE, ROLLERS, PINS, AND LINKAGE, CHECK DEADMAN NUTS AND BOLTS, CHECK CROWN SAVER, CHECK TUGGER, BOOM LINE, STABBING VALVE, TONGS, LINE TONG PINS, BACK UP LINE, BLOW BOILER 4X150 LITER																																							



FRONT PAGE SUMMARY		Our Sheet Serial Number: 0752245_20100126_18P	Vendor Software Version: 2010	Month: 01	Day: 26
Rig No.: 245		Well Name: Para et al Cameron H-06	Surface Location: 40-08 ULRW/1730-13 J06	Prov Loc Type: NT	Uplifted Well ID: 5
Licenses No: 2064		Operator: PARAMOUNT RESOURCES LTD	Precision Drilling, Div of PDC	VERT	Well Type: Kelly Bushing
Operator's AFE: 09ND10004		Contractor's Job No: 553	Sign Date: 2010/01/16	23:15	Time
Signature of Operator Representative:		Signature of Contractor's Rig Manager:	Rig Release Date:	Time:	
DAILY CHECKS		OP RM		FUEL @ 08:00 HOURS	
1) Daily Work Assign Instructions		Rig		Boiler	
2) Drifted Inspection - Weekly Safety Check List		Op Fuel		Weather	
3) HSE Signs Posted & Required		Time		Temp	
4) Well License & Stock Diagram Posted		Current Conditions		Wind Direction	
5) Daily Work Assign		Wind Strength		Road Condition	
6) BOP Tests Performed					
7) Visually Inspected BOPs - Flow Lines & Bypasses Lines					
DRILL PIPE		MUD PUMPS		GENERAL EQUIPMENT & SERVICES	
Category: Thread Type: Grade: OD (mm): ID (mm): Linear Mass (kg/m): No. of Joints: Tool Joint OD (mm):		No.: Make: Stroke Length (mm):		Description: Hours:	
CASING		SHAPE SHAKERS			
Category: Make: Grade: OD (mm): ID (mm): Linear Mass (kg/m): No. of Joints: Total Length (m): KG to CSG Head (m): KG to CSG Bottom (m):		Top Screen: Middle Screen: Bottom Screen:			
		Size: Changed: New: Size: Changed: New: Size: Changed: New: Size: Changed: New:			

TOUR 1		SIGNATURE OF DRILLER		START TIME 00:00		END TIME 08:00	
DRILLING ASSEMBLY		BITS		MUD RECORD		MUD MATERIALS ADDED	
No. Component OD (mm) ID (mm) Length (m)		Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Jaws (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:		Mud Type: Water: Oil: Other: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³): SOLIDS CONTROL: Equipment Name: Hours Run: Intake Density (kg/m³): Over Flow Density (kg/m³): Under Flow Density (kg/m³): SAFETY: Safety Topic: MEHL (kg/m³) MACP (kg/m³)		Product: Amount: Type:	
1 BIT 200 0.20		1 200 0.20		1 200 0.20		1 200 0.20	
1 BIT SUB 158 0.73		1 158 0.73		1 158 0.73		1 158 0.73	
1 TELADRIFT 158 2.61		1 158 2.61		1 158 2.61		1 158 2.61	
5 DC (6.25 IN) 158 45.87		5 158 45.87		5 158 45.87		5 158 45.87	
1 SHORT DC 6.25" 158 4.61		1 158 4.61		1 158 4.61		1 158 4.61	
1 JARS-HYD 158 5.20		1 158 5.20		1 158 5.20		1 158 5.20	
9 DC (6.25 IN) 158 81.58		9 158 81.58		9 158 81.58		9 158 81.58	
1 X/O 158 0.28		1 158 0.28		1 158 0.28		1 158 0.28	
6 HWDP (4.0 IN) 135 55.40		6 135 55.40		6 135 55.40		6 135 55.40	
28 Drill Pipe 534.99		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):	
0 Drill Pipe 0.00		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):	
Weight of DC (kg/m³) 12 Kelly Down (m) 11.55		Weight of DC (kg/m³) 12 Kelly Down (m) 11.55		Weight of DC (kg/m³) 12 Kelly Down (m) 11.55		Weight of DC (kg/m³) 12 Kelly Down (m) 11.55	
Weight of string (kg/m³) 30 Total (m) 749.00		Weight of string (kg/m³) 30 Total (m) 749.00		Weight of string (kg/m³) 30 Total (m) 749.00		Weight of string (kg/m³) 30 Total (m) 749.00	
TOUR 2		SIGNATURE OF DRILLER		START TIME 08:00		END TIME 16:00	
DRILLING ASSEMBLY		BITS		MUD RECORD		MUD MATERIALS ADDED	
No. Component OD (mm) ID (mm) Length (m)		Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Jaws (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:		Mud Type: Water: Oil: Other: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³): SOLIDS CONTROL: Equipment Name: Hours Run: Intake Density (kg/m³): Over Flow Density (kg/m³): Under Flow Density (kg/m³): SAFETY: Safety Topic: MEHL (kg/m³) MACP (kg/m³)		Product: Amount: Type:	
1 BIT 200 0.20		1 200 0.20		1 200 0.20		1 200 0.20	
1 BIT SUB 158 0.73		1 158 0.73		1 158 0.73		1 158 0.73	
1 TELADRIFT 158 2.61		1 158 2.61		1 158 2.61		1 158 2.61	
5 DC (6.25 IN) 158 45.87		5 158 45.87		5 158 45.87		5 158 45.87	
1 SHORT DC 6.25" 158 4.61		1 158 4.61		1 158 4.61		1 158 4.61	
1 JARS-HYDMECH 158 5.20		1 158 5.20		1 158 5.20		1 158 5.20	
9 DC (6.25 IN) 158 81.58		9 158 81.58		9 158 81.58		9 158 81.58	
1 X/O 158 0.28		1 158 0.28		1 158 0.28		1 158 0.28	
6 HWDP (4.0 IN) 135 55.40		6 135 55.40		6 135 55.40		6 135 55.40	
33 Drill Pipe 630.42		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):	
1 Drill Pipe 8.50		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):	
Weight of DC (kg/m³) 12 Kelly Down (m) 8.62		Weight of DC (kg/m³) 12 Kelly Down (m) 8.62		Weight of DC (kg/m³) 12 Kelly Down (m) 8.62		Weight of DC (kg/m³) 12 Kelly Down (m) 8.62	
Weight of string (kg/m³) 30 Total (m) 845.00		Weight of string (kg/m³) 30 Total (m) 845.00		Weight of string (kg/m³) 30 Total (m) 845.00		Weight of string (kg/m³) 30 Total (m) 845.00	
TOUR 3		SIGNATURE OF DRILLER		START TIME 18:00		END TIME 24:00	
DRILLING ASSEMBLY		BITS		MUD RECORD		MUD MATERIALS ADDED	
No. Component OD (mm) ID (mm) Length (m)		Bit Number: Size (mm): MDC Code: Manufacturer: Type: Serial No: Jaws (mm): Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:		Mud Type: Water: Oil: Other: Density (kg/m³): Funnel Viscosity (cP): Fluid Loss (cm³): pH: Location: Depth (m): PVT (m³): SOLIDS CONTROL: Equipment Name: Hours Run: Intake Density (kg/m³): Over Flow Density (kg/m³): Under Flow Density (kg/m³): SAFETY: Safety Topic: MEHL (kg/m³) MACP (kg/m³)		Product: Amount: Type:	
1 BIT 200 0.20		1 200 0.20		1 200 0.20		1 200 0.20	
1 BIT SUB 158 0.73		1 158 0.73		1 158 0.73		1 158 0.73	
1 TELADRIFT 158 2.61		1 158 2.61		1 158 2.61		1 158 2.61	
5 DC (6.25 IN) 158 45.87		5 158 45.87		5 158 45.87		5 158 45.87	
1 SHORT DC 6.25" 158 4.61		1 158 4.61		1 158 4.61		1 158 4.61	
1 JARS-HYDMECH 158 5.20		1 158 5.20		1 158 5.20		1 158 5.20	
9 DC (6.25 IN) 158 81.58		9 158 81.58		9 158 81.58		9 158 81.58	
1 X/O 158 0.28		1 158 0.28		1 158 0.28		1 158 0.28	
6 HWDP (4.0 IN) 135 55.40		6 135 55.40		6 135 55.40		6 135 55.40	
33 Drill Pipe 630.42		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):	
1 Drill Pipe 8.50		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):		1 Gauge (mm): ODC: Reason Pulled: Total Run (m/hr):	
Weight of DC (kg/m³) 12 Kelly Down (m) 8.62		Weight of DC (kg/m³) 12 Kelly Down (m) 8.62		Weight of DC (kg/m³) 12 Kelly Down (m) 8.62		Weight of DC (kg/m³) 12 Kelly Down (m) 8.62	
Weight of string (kg/m³) 30 Total (m) 847.00		Weight of string (kg/m³) 30 Total (m) 847.00		Weight of string (kg/m³) 30 Total (m) 847.00		Weight of string (kg/m³) 30 Total (m) 847.00	


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FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																																																	
Tour Sheet Serial Number: 0552245_20100130_18 Vendor Software Version: 2010 Year: 2010 Month: 01 Day: 30										DAILY CHECKS 1) Daily Well Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) RPS Signs Posted & Monitored 4) Well License & Stock Diagram Posted 5) Store Lines Cleared 6) ROP Drills Performed 7) Visually Inspected BOPs - Flow Lines & Discharge Lines										FUEL @ 08:00 HOURS Rig: _____ Boiler: _____ On Fuel: _____ WEATHER Time: _____ Temp: _____ Current Conditions: _____ Wind Direction: _____ Wind Strength: _____ Road Condition: _____										DRILL PIPE Category: _____ Thread Type: _____ Grade: _____ OD (mm): _____ ID (mm): _____ Linear Mass (kg/m): _____ No. of Joints: _____ Tool Joint OD (mm): _____										MUD PUMPS No.: _____ Make: _____ Stroke Length (mm): _____										GENERAL EQUIPMENT & SERVICES Description: _____ Hours: _____																																																	
Rig No.: 245 Well Name: Para et al Cameron H-06 Surface Location: 2528 UL308/117 30-15-00T LAT: 5 License No.: 2064 Operator: PARAMOUNT RESOURCES LTD Contractor: PRECISION DRILLING DIV OF PDC Operator's A/E: _____ Well Type: VERT No Entry: ☐ Signature of Operator Representative: JOSE BLINSTON Signature of Contractor's Rig manager: ERICK BIGRAAS Rig Release Date: 2010/01/16 23:15										SIGNATURE OF DRILLER ROMEO DASTOVS										START TIME 08:00										END TIME 08:00																																																																					
TOUR 1 DRILLING ASSEMBLY <table border="1"> <thead> <tr> <th>No.</th> <th>Component</th> <th>OD (mm)</th> <th>ID (mm)</th> <th>Length (m)</th> </tr> </thead> <tbody> <tr><td>1</td><td>BIT</td><td>200</td><td>0</td><td>0.20</td></tr> <tr><td>1</td><td>BIT SUB</td><td>150</td><td>60</td><td>0.73</td></tr> <tr><td>1</td><td>TELEDRIPT</td><td>150</td><td>60</td><td>2.61</td></tr> <tr><td>1</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>45.78</td></tr> <tr><td>1</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>4.61</td></tr> <tr><td>1</td><td>JARS-HYD</td><td>150</td><td>60</td><td>5.20</td></tr> <tr><td>1</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>81.58</td></tr> <tr><td>1</td><td>X/O</td><td>150</td><td>60</td><td>0.26</td></tr> <tr><td>8</td><td>HWDP (4.0 IN)</td><td>150</td><td>60</td><td>55.40</td></tr> </tbody> </table> DRILL PIPE Stands (m): 1031.16 Drill Pipe: 8.57 Weight of DC (kda): 8.20 Weight of string (kda): 1248.00										No.	Component	OD (mm)	ID (mm)	Length (m)	1	BIT	200	0	0.20	1	BIT SUB	150	60	0.73	1	TELEDRIPT	150	60	2.61	1	DC (8-25 IN)	150	60	45.78	1	DC (8-25 IN)	150	60	4.61	1	JARS-HYD	150	60	5.20	1	DC (8-25 IN)	150	60	81.58	1	X/O	150	60	0.26	8	HWDP (4.0 IN)	150	60	55.40	BITS Bit Number: _____ Size (mm): _____ MDC Code: _____ Manufacturer: _____ Type: _____ Serial No: _____ Jars (mm): _____ Depth Out (m): _____ Depth In (m): _____ Total Drilled (m): _____ Hrs Run Today: _____ Cumulative Hrs Run: _____ Entry Date: _____ DULL GRADE Gauge (mm): _____ ODC: _____ Reason Pulled: _____ MDC: _____ LDC: _____ Total Run (m/hr): _____ BRG: _____										MUD RECORD Mud Type: Water ☐ Oil ☐ Other: _____ Time: _____ Density (kg/m³): _____ Funnel Viscosity (cP): _____ Fluid Loss (cm³): _____ pH: _____ Location: _____ Depth (m): _____ PVT (m³): _____ SOLIDS CONTROL Equipment Name: _____ Hours Run: _____ Intake Density (kg/m³): _____ Over Flow Density (kg/m³): _____ Under Flow Density (kg/m³): _____ SAFETY Safety Topic: _____ MEHL (kda): _____ MACP (kda): _____										MUD MATERIALS ADDED Product: _____ Amount: _____ Type: _____ REDUCED PUMP SPEED No.: _____ Pressure (kpa): _____ Strokes/min: _____ Depth (m): _____ CIRCULATION Pump: _____ Type: _____ Liner Size (mm): _____ GPM: _____ Pressure (kpa): _____ Hours Run: _____ DEVIATION SURVEYS Time: _____ Depth (m): _____ Deviation: _____ Direction: _____ Type: _____ Remarks: _____										METRES DRILLED From (m): _____ To (m): _____ D-R-C: _____ RPM: _____ WOB (kda): _____ HOLE CONDITION Hole Drag Up (kda): _____ Hole Drag Down (kda): _____ Torque at Bottom (Nm): _____ Fill on Bottom (m): _____ BOILER No.: _____ Hours Run: _____ pH: _____ Stack Temp (°C): _____ TIME LOG From: _____ To: _____ Elapsed: _____ Code: _____ Details of Operations in Sequence & Remarks: _____									
No.	Component	OD (mm)	ID (mm)	Length (m)																																																																																															
1	BIT	200	0	0.20																																																																																															
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1	X/O	150	60	0.26																																																																																															
8	HWDP (4.0 IN)	150	60	55.40																																																																																															
TOUR 2 DRILLING ASSEMBLY <table border="1"> <thead> <tr> <th>No.</th> <th>Component</th> <th>OD (mm)</th> <th>ID (mm)</th> <th>Length (m)</th> </tr> </thead> <tbody> <tr><td>1</td><td>BIT</td><td>150</td><td>0</td><td>0.20</td></tr> <tr><td>1</td><td>BIT SUB</td><td>150</td><td>60</td><td>0.73</td></tr> <tr><td>1</td><td>TELEDRIPT</td><td>150</td><td>60</td><td>2.61</td></tr> <tr><td>5</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>45.78</td></tr> <tr><td>1</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>4.61</td></tr> <tr><td>1</td><td>JARS-HYD</td><td>150</td><td>60</td><td>5.20</td></tr> <tr><td>9</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>81.58</td></tr> <tr><td>1</td><td>X/O</td><td>150</td><td>60</td><td>0.26</td></tr> <tr><td>8</td><td>HWDP (4.0 IN)</td><td>150</td><td>60</td><td>55.40</td></tr> </tbody> </table> DRILL PIPE Stands (m): 1107.88 Drill Pipe: 9.63 Weight of DC (kda): 9.02 Weight of string (kda): 1322.00										No.	Component	OD (mm)	ID (mm)	Length (m)	1	BIT	150	0	0.20	1	BIT SUB	150	60	0.73	1	TELEDRIPT	150	60	2.61	5	DC (8-25 IN)	150	60	45.78	1	DC (8-25 IN)	150	60	4.61	1	JARS-HYD	150	60	5.20	9	DC (8-25 IN)	150	60	81.58	1	X/O	150	60	0.26	8	HWDP (4.0 IN)	150	60	55.40	BITS Bit Number: _____ Size (mm): _____ MDC Code: _____ Manufacturer: _____ Type: _____ Serial No: _____ Jars (mm): _____ Depth Out (m): _____ Depth In (m): _____ Total Drilled (m): _____ Hrs Run Today: _____ Cumulative Hrs Run: _____ Entry Date: _____ DULL GRADE Gauge (mm): _____ ODC: _____ Reason Pulled: _____ MDC: _____ LDC: _____ Total Run (m/hr): _____ BRG: _____										MUD RECORD Mud Type: Water ☐ Oil ☐ Other: _____ Time: _____ Density (kg/m³): _____ Funnel Viscosity (cP): _____ Fluid Loss (cm³): _____ pH: _____ Location: _____ Depth (m): _____ PVT (m³): _____ SOLIDS CONTROL Equipment Name: _____ Hours Run: _____ Intake Density (kg/m³): _____ Over Flow Density (kg/m³): _____ Under Flow Density (kg/m³): _____ SAFETY Safety Topic: _____ MEHL (kda): _____ MACP (kda): _____										MUD MATERIALS ADDED Product: _____ Amount: _____ Type: _____ REDUCED PUMP SPEED No.: _____ Pressure (kpa): _____ Strokes/min: _____ Depth (m): _____ CIRCULATION Pump: _____ Type: _____ Liner Size (mm): _____ GPM: _____ Pressure (kpa): _____ Hours Run: _____ DEVIATION SURVEYS Time: _____ Depth (m): _____ Deviation: _____ Direction: _____ Type: _____ Remarks: _____										METRES DRILLED From (m): _____ To (m): _____ D-R-C: _____ RPM: _____ WOB (kda): _____ HOLE CONDITION Hole Drag Up (kda): _____ Hole Drag Down (kda): _____ Torque at Bottom (Nm): _____ Fill on Bottom (m): _____ BOILER No.: _____ Hours Run: _____ pH: _____ Stack Temp (°C): _____ TIME LOG From: _____ To: _____ Elapsed: _____ Code: _____ Details of Operations in Sequence & Remarks: _____									
No.	Component	OD (mm)	ID (mm)	Length (m)																																																																																															
1	BIT	150	0	0.20																																																																																															
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1	X/O	150	60	0.26																																																																																															
8	HWDP (4.0 IN)	150	60	55.40																																																																																															
TOUR 3 DRILLING ASSEMBLY <table border="1"> <thead> <tr> <th>No.</th> <th>Component</th> <th>OD (mm)</th> <th>ID (mm)</th> <th>Length (m)</th> </tr> </thead> <tbody> <tr><td>1</td><td>BIT</td><td>150</td><td>0</td><td>0.20</td></tr> <tr><td>1</td><td>BIT SUB</td><td>150</td><td>60</td><td>0.73</td></tr> <tr><td>1</td><td>TELEDRIPT</td><td>150</td><td>60</td><td>2.61</td></tr> <tr><td>5</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>45.78</td></tr> <tr><td>1</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>4.61</td></tr> <tr><td>1</td><td>JARS-HYD</td><td>150</td><td>60</td><td>5.20</td></tr> <tr><td>9</td><td>DC (8-25 IN)</td><td>150</td><td>60</td><td>81.58</td></tr> <tr><td>1</td><td>X/O</td><td>150</td><td>60</td><td>0.26</td></tr> <tr><td>8</td><td>HWDP (4.0 IN)</td><td>150</td><td>60</td><td>55.40</td></tr> </tbody> </table> DRILL PIPE Stands (m): 1107.88 Drill Pipe: 9.63 Weight of DC (kda): 9.02 Weight of string (kda): 1322.00										No.	Component	OD (mm)	ID (mm)	Length (m)	1	BIT	150	0	0.20	1	BIT SUB	150	60	0.73	1	TELEDRIPT	150	60	2.61	5	DC (8-25 IN)	150	60	45.78	1	DC (8-25 IN)	150	60	4.61	1	JARS-HYD	150	60	5.20	9	DC (8-25 IN)	150	60	81.58	1	X/O	150	60	0.26	8	HWDP (4.0 IN)	150	60	55.40	BITS Bit Number: _____ Size (mm): _____ MDC Code: _____ Manufacturer: _____ Type: _____ Serial No: _____ Jars (mm): _____ Depth Out (m): _____ Depth In (m): _____ Total Drilled (m): _____ Hrs Run Today: _____ Cumulative Hrs Run: _____ Entry Date: _____ DULL GRADE Gauge (mm): _____ ODC: _____ Reason Pulled: _____ MDC: _____ LDC: _____ Total Run (m/hr): _____ BRG: _____										MUD RECORD Mud Type: Water ☐ Oil ☐ Other: _____ Time: _____ Density (kg/m³): _____ Funnel Viscosity (cP): _____ Fluid Loss (cm³): _____ pH: _____ Location: _____ Depth (m): _____ PVT (m³): _____ SOLIDS CONTROL Equipment Name: _____ Hours Run: _____ Intake Density (kg/m³): _____ Over Flow Density (kg/m³): _____ Under Flow Density (kg/m³): _____ SAFETY Safety Topic: _____ MEHL (kda): _____ MACP (kda): _____										MUD MATERIALS ADDED Product: _____ Amount: _____ Type: _____ REDUCED PUMP SPEED No.: _____ Pressure (kpa): _____ Strokes/min: _____ Depth (m): _____ CIRCULATION Pump: _____ Type: _____ Liner Size (mm): _____ GPM: _____ Pressure (kpa): _____ Hours Run: _____ DEVIATION SURVEYS Time: _____ Depth (m): _____ Deviation: _____ Direction: _____ Type: _____ Remarks: _____										METRES DRILLED From (m): _____ To (m): _____ D-R-C: _____ RPM: _____ WOB (kda): _____ HOLE CONDITION Hole Drag Up (kda): _____ Hole Drag Down (kda): _____ Torque at Bottom (Nm): _____ Fill on Bottom (m): _____ BOILER No.: _____ Hours Run: _____ pH: _____ Stack Temp (°C): _____ TIME LOG From: _____ To: _____ Elapsed: _____ Code: _____ Details of Operations in Sequence & Remarks: _____									
No.	Component	OD (mm)	ID (mm)	Length (m)																																																																																															
1	BIT	150	0	0.20																																																																																															
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5	DC (8-25 IN)	150	60	45.78																																																																																															
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9	DC (8-25 IN)	150	60	81.58																																																																																															
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FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																			
Your Sheet Serial Number: 10100131, 1A Pason Year: 2010, 01, 31 Rig No.: 245, Well Name: Para et al Cameron N-05, Surface Location: 453614.304/11730-35.305, Prov: NT, Loc Type: A/C, Unique Well ID: 5 License No.: 2064, Operator: PARAMOUNT RESOURCES LTD, Contractor: PRECISION DRILLING, DIV OF PDC, Well Type: VERT, Re-Entry: ☐ Operator's A/E: DAVID 10004, Signature of Operator Representative: JOSH BLINSTON, Signature of Contractor's Rig manager: ERICK SIGRAS, Date: 2010/01/31, 23:15, Rig Release Date: Time										1) Daily Work Around Inspection: IR, FR 2) Detailed Inspection - Weekly (Alpha Check List): IR, FR 3) LGS Status Checked & Reported: IR, FR 4) Well Access & Egress Unimpeded: IR, FR 5) Flare Lines Checked: IR, FR 6) BOP Drill Performance: IR, FR 7) Visually Inspected SOGs - Flare Lines & Degasser Lines: IR, FR 1) Rig Site Health & Safety Meeting (once/week/month): IR, FR 2) LGS Status Checked & Reported: IR, FR 3) Most Inspection before Running or Lowering: IR, FR 4) Crown Guard Checked: IR, FR 5) Motor Vibe Checked: IR, FR										Fuel: Weather: Time: 06:00 Temp: -26 Current Conditions: CLEAR Wind Direction: NE Wind Strength: UP TO 19 KMH Road Condition: FAIR										Category: Thread Type: Grade: OD (mm): ID (mm): Linear Mass (kg/m): No. of Joints: Total Length (m): KS to CSG Head (m): KS to CSG Bottom (m):										No.: Make: Stroke Length (mm): 1) BPMMP: 229 2) BPMMP: 229 MUD PUMP: 24.00 MANIFOLD SHACK: 24.00 LOADER: 24.00										Description: Hours:																			
TOUR 1										TOUR 2										TOUR 3										TOUR 4										TOUR 5										TOUR 6																			
DRILLING ASSEMBLY No. Component DD (mm) ID (mm) Length (m) 1 BIT 200 0 0.20 1 BIT SUB 158 66 0.73 1 TELEDRIFT 158 66 2.61 5 DC (8.25 IN) 158 66 45.78 1 JARS-HYD 158 66 5.20 1 DC (8.25 IN) 158 66 81.58 1 X/O 158 66 0.26 8 HWDP (4.0 IN) 158 66 55.40 61 Drill Pipe Stands (m) 1165.81 1 Drill Pipe Singles (m) 9.55 Weight of DC (kg) 14 Kelly Down (m) 138.07 Weight of string (kg) 42 Total (m) 1087.00										BITS Bit Number: 3 Size (mm): 200 MDC Code: 4 3 7 Manufacturer: REED Type: RQAM Serial No: K91119 Jaws (mm): 15.9 15.9 15.9 Depth Out (m): 1245 Total Drilled (m): 186 Hrs Run Today: 7.00 Cumulative Hrs Run: 22.75 Entry Date: 2010/01/31 Gauge (mm): ODC Reason Pulled: MDC Total Run (m/hr): LDC BRG										MUD RECORD Mud Type: Water Time: 03:00 06:00 Density (kg/m³): 1120 1090 Funnel Viscosity (cP): 80 91 Fluid Loss (cm): 9.0 9.0 pH: 10 10 Location: SHAKER SHAKER Depth (m): 1420 1418 PVT (m³): 52 52 SOLIDS CONTROL Equipment Name: CENTRIFUGE Hours Run: 8.00 Intake Density (kg/m³): 1120 Over Flow Density (kg/m³): 1110 Under Flow Density (kg/m³): 1740 SAFETY Safety Topic: MEH (kg) MACP (kg) LOADER DRIVING: 4 4283										MUD MATERIALS ADDED Product Amount Type DETERGENT 1 PAR LIGNITE 2 SACK CAUSTIC 2 SACK BARITE 20 SACK REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m) 1 3000 88 1383 CIRCULATION Pump Type Linear Size (mm) RPM Pressure (kg) Hours Run 1 SINGLE 152 115 6600 8.00 2 SINGLE 152 0 6600 0.00										METRES DRILLED From (m) To (m) D-R-C RPM WOB (kg) 1382 1431 DRILL 110 10 REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m) 1 3000 88 1383 CIRCULATION Pump Type Linear Size (mm) RPM Pressure (kg) Hours Run 1 SINGLE 152 115 6600 8.00 2 SINGLE 152 0 6600 0.00										HOLE CONDITION Hole Drag Up (kg) 2 Hole Drag Down (kg) 1 Torque at Bottom (Nm) 0 Fill on Bottom (m) 0 BOILER No. Hours Run pH Stack Temp (°C) 98 8.00 10.5 290.00 DEVIATION SURVEYS Time Depth (m) Deviation Direction Type 01:45 1381.00 3.0 TELEDRIFT 05:00 1410.00 3.0 TELEDRIFT										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks 00:00 05:15 5:25 2 DRILL FROM 1382M TO 1410M 05:15 05:30 0:25 7 RIG SERVICE FUNCTION H.C.P. 1 SEC TO OPEN 05:30 08:00 0:50 10 DEVIATION SURVEY ACCUM TIME 08:00 08:15 0:25 21 HAND OVER SAFETY MEETING 08:15 08:30 1:75 2 DRILL FROM 1410 M TO 1431M Remarks: FUNCTION CROWN SAVER OK. CHECK BRAKE LINKAGE PINS, ROLLER CHECK STABBING VALVE, TONGS, PINS, BACK UP MAKE UP LINE CHECK DEAD BOLTS, NUTS, CHECK TUGGER ROOM LINE, SAFETY HOOK, SLIPS, CHECK REMOTE DRILL PIPE PRESS GAUGE IN. MANIFOLD SHACK, BLOW DOWN BOILER X 150 LITER. CHECK FLARE/DEGASSER LINES AND FLARE TANK.									
TOUR 2										TOUR 3										TOUR 4										TOUR 5										TOUR 6																													
DRILLING ASSEMBLY No. Component DD (mm) ID (mm) Length (m) 1 BIT 200 0 0.20 1 BIT SUB 158 66 0.73 1 TELEDRIFT 158 66 2.61 5 DC (8.25 IN) 158 66 45.78 1 JARS-HYD 158 66 5.20 1 DC (8.25 IN) 158 66 81.58 1 X/O 158 66 0.26 6 HWDP (4.0 IN) 158 66 55.40 64 Drill Pipe Stands (m) 1242.36 0 Drill Pipe Singles (m) 0.00 Weight of DC (kg) 14 Kelly Down (m) 11.24 Weight of string (kg) 0.00 Total (m) 0.00										BITS Bit Number: 3 Size (mm): 200 MDC Code: 4 3 7 Manufacturer: REED Type: RQAM Serial No: K91119 Jaws (mm): 15.9 15.9 15.9 Depth Out (m): 1245 Total Drilled (m): 205 Hrs Run Today: 3.50 Cumulative Hrs Run: 26.25 Entry Date: 2010/01/31 Gauge (mm): ODC Reason Pulled: MDC Total Run (m/hr): LDC BRG										MUD RECORD Mud Type: Water Time: 08:00 10:00 12:00 Density (kg/m³): 1090 1090 1090 Funnel Viscosity (cP): 87 131 186 Fluid Loss (cm): 9.0 9.0 9.0 pH: 10 10 10 Location: SHAKER SHAKER SHAKER Depth (m): 1440 1445 1450 PVT (m³): 51 51 52 SOLIDS CONTROL Equipment Name: CENTRIFUGE Hours Run: 8.00 Intake Density (kg/m³): 1090 Over Flow Density (kg/m³): 1070 Under Flow Density (kg/m³): 1700 SAFETY Safety Topic: MEH (kg) MACP (kg) OVERHEAD SNAGS: 4 43										MUD MATERIALS ADDED Product Amount Type CAUSTIC 1 SACK ALKAPAM A-1103D 1 SACK REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m) 1 3038 70 1438 CIRCULATION Pump Type Linear Size (mm) RPM Pressure (kg) Hours Run 1 SINGLE 152 115 6389 4.00 2 SINGLE 152 0 6389 0.00										METRES DRILLED From (m) To (m) D-R-C RPM WOB (kg) 1431 1450 DRILL 110 8 REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m) 1 3038 70 1438 CIRCULATION Pump Type Linear Size (mm) RPM Pressure (kg) Hours Run 1 SINGLE 152 115 6389 4.00 2 SINGLE 152 0 6389 0.00										HOLE CONDITION Hole Drag Up (kg) 2 Hole Drag Down (kg) 2 Torque at Bottom (Nm) 90 Fill on Bottom (m) 0 BOILER No. Hours Run pH Stack Temp (°C) 98 8.00 10.5 290.00 DEVIATION SURVEYS Time Depth (m) Deviation Direction Type 01:45 1381.00 3.0 TELEDRIFT 05:00 1410.00 3.0 TELEDRIFT										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks 08:00 11:30 3:50 2 DRILL FROM 1431M TO 1450M 11:30 11:45 0:25 7 RIG SERVICE FUNCTION PIPE RAMS CLOSED IN 4 SECONDS 11:45 12:15 0:30 5 CONDITION MUD & CIRCULATE 12:15 12:30 0:25 25 BLOW KELLY 12:30 15:45 3:25 69 TRIP OUT OF HOLE/WIPER TRIP. FLOW CHECKS @ 1450M, 1382M, 721M, 364M, 10m EACH CALCULATED HOLE FILL VOLUME M3 3.38 MEASURED 4.07 M3. DIFFERENCE 0.69 M3 (ISTRAP OUTSTRAP TOTAL 1242.95M (CIRCK STRAP) AND 1242.38M PASON TALLY DIFFERENCE 56CM 15:45 16:00 0:25 6A TRIP IN HOLE Remarks: FUNCTION CROWN SAVER, VISUALLY INSPECT BRAKES, ROLLERS, PINS, AND LINKAGE. CHECK DEADMAN NUTS AND BOLTS, CHECK TONGS, BACKUP LINES, DCDP SLIPS, ELEVATORS, TUGGER HOOKS, BOOM HOOK, CHECK FLARE/DEGASSER LINES AND FLARE TANK. INSPECT ESCAPE BUGGY. BLOW DOWN BOILER FR 4X150L.									
TOUR 3										TOUR 4										TOUR 5										TOUR 6																																							
DRILLING ASSEMBLY No. Component DD (mm) ID (mm) Length (m) 1 BIT 200 0 0.20 1 BIT SUB 158 66 0.73 1 TELEDRIFT 158 66 2.61 5 DC (8.25 IN) 158 66 45.78 1 JARS-HYD 158 66 5.20 1 DC (8.25 IN) 158 66 81.58 1 X/O 158 66 0.26 6 HWDP (4.0 IN) 135 66 55.40 66 Drill Pipe Stands (m) 1261.36 0 Drill Pipe Singles (m) 0.00 Weight of DC (kg) 14 Kelly Down (m) 10.27 Weight of string (kg) 43 Total (m) 0.00										BITS Bit Number: 3 Size (mm): 200 MDC Code: 4 3 7 Manufacturer: REED Type: RQAM Serial No: K91119 Jaws (mm): 15.9 15.9 15.9 Depth Out (m): 1245 Total Drilled (m): 223 Hrs Run Today: 8.75 Cumulative Hrs Run: 29.00 Entry Date: 2010/01/31 Gauge (mm): ODC Reason Pulled: MDC Total Run (m/hr): LDC BRG										MUD RECORD Mud Type: Water Time: 23:30 Density (kg/m³): 1090 Funnel Viscosity (cP): 180 Fluid Loss (cm): 9.0 pH: 10 Location: SHAKER Depth (m): 1468 PVT (m³): 37 SOLIDS CONTROL Equipment Name: CENTRIFUGE Hours Run: 5.00 Intake Density (kg/m³): 1090 Over Flow Density (kg/m³): 1080 Under Flow Density (kg/m³): 1700 SAFETY Safety Topic: MEH (kg) MACP (kg) MOUSEHOLE CONNECTIONS: 43 4300										MUD MATERIALS ADDED Product Amount Type CAUSTIC 1 SACK ALKAPAM A-1103D 1 SACK REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m) 1 2815 70 1450 CIRCULATION Pump Type Linear Size (mm) RPM Pressure (kg) Hours Run 1 SINGLE 152 115 7400 4.00 2 SINGLE 152 0 7400 0.00										METRES DRILLED From (m) To (m) D-R-C RPM WOB (kg) 1450 1468 DRILL 110 10 REDUCED PUMP SPEED No. Pressure (kg) Strokes/min Depth (m) 1 2815 70 1450 CIRCULATION Pump Type Linear Size (mm) RPM Pressure (kg) Hours Run 1 SINGLE 152 115 7400 4.00 2 SINGLE 152 0 7400 0.00										HOLE CONDITION Hole Drag Up (kg) 2 Hole Drag Down (kg) 1 Torque at Bottom (Nm) 0 Fill on Bottom (m) 5 BOILER No. Hours Run pH Stack Temp (°C) 98 8.00 11.0 290.00 DEVIATION SURVEYS Time Depth (m) Deviation Direction Type 31:45 1466.00 3.0 TELEDRIFT										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks 18:00 18:05 0:05 6A TRIP IN HOLE FLOW CHECKS @ 363M, 722M 18:05 18:15 0:25 21 HANDOVER SAFETY MEETING 18:15 18:30 0:25 5 WASH TO BOTTOM FROM 1428M TO 1450M 18:30 18:45 0:25 7 RIG SERVICE FUNCTION HYDRILL 1/3 SEC TO CLOSE 18:45 21:30 2:75 2 DRILL FROM 1450M TO 1468M 21:30 21:45 0:25 5 CONDITION MUD & CIRCULATE WORKED PIPE @ TD 21:45 22:00 0:25 10 DEVIATION SURVEY AT 1468M 22:00 22:15 0:25 5 CONDITION MUD & CIRCULATE AFTER SURVEY 22:15 23:00 0:75 6B TRIP OUT OF HOLE & FLOW CHECK @ 1457/10 MIN 23:00 23:15 0:25 25 KELLY PUMP PILL & BLOW KELLY 23:15 24:00 0:75 6B CONT TRIP OUT OF HOLE USING PIPE SPINNER & FLOW CHECK @ 1382M Remarks: FUNCTION CROWN SAVER, VISUALLY INSPECT BRAKE, ROLLERS, PINS, AND LINKAGE. CHECK DEADMAN NUTS AND BOLTS, TONGS, BACKUP LINES, DCDP SLIPS AND ELEVATORS. CHECK TUGGER HOOKS, BOOM HOOK, STABBING VALVE, FLARE/DEGASSER LINES AND FLARE STACK. INSPECT ESCAPE BUGGY. BLOW DOWN BOILER 4X150L FUEL LOADER 250L.									

FRONT PAGE SUMMARY										DAILY CHECKS										FUEL & 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES									
Your Email Serial Number Vendor Software Version Year Month Day 245 2452245_20100121_Pason 2010 01 31										1) Daily Work Around Inspection 2) Detailed Inspection - Weekly (After Check List) 3) HSE Signs Posted & Maintained 4) Well Access & Stock Diagram Posted 5) Flow Lines Checked 6) BOP Drills Performed 7) Weekly Inspected BOPs - Flow Lines & Degasser Lines										Rig Boiler Op Fuel Weather Time Temp Current Conditions Wind Direction Wind Strength Road Condition										Category Thread Type Grade OD (mm) ID (mm) Linear Mass (kg/m) No. of Joints Total Joint OD (mm)										No. Make Stroke Length (mm)										Description Hours									
Rig No. Well Name Surface Location Prov Loc Type Unique Well Id Kelly Bunting 245 Para et al Cameron H-06 123-200 INT LAT. 5										Licenses No. Operator Contractor Precision Drilling, Div of PDC Contractor's Job No. VERT 2064 PARAMOUNT RESOURCES LTD. 2010/01/17/8 23:15 Operator's AFE 553 Signature of Operator Representative Signature of Contractor's Rig manager JOSH BLUNSTON ERICK BIGRAS										1) Rig EHS Health & Safety Meeting (pre-work/month) 2) CAHOC Rig Safety Inspection Checklist (pre-work/month) 3) Mast Inspection before Raising or Lowering 4) Down Beam Checked 5) Motor Vibs Checked										Category Make Grade OD (mm) ID (mm) Linear Mass (kg/m) No. of Joints Total Length (m) KB to CSG Head (m) KB to CSG Bottom (m)										No. Size Changed New Size Changed New Size Changed New Size Changed New										No. Size Changed New Size Changed New Size Changed New Size Changed New									

TOUR 1

DRILLING ASSEMBLY

No.	Component	OD (mm)	ID (mm)	Length (m)
1	BIT	200	0	0.20
1	BIT SUB	158	1	0.73
1	TELEDIFT	157	58	2.61
1	DC (6.25 IN)	157	58	45.76
1	DC (6.25 IN)	158	59	4.61
1	JARH-HYO	158	59	6.20
1	DC (6.25 IN)	158	59	81.58
1	XJO	158	1	0.26
6	HWDPI(4.0 IN)	135	1	55.40

Drill Pipe Stands (m) 1165.81
Drill Pipe Singles (m) 0.55
Weight of DC (kg/m) Kelly Down (m) 10.87
Weight of string (kg/m) 42 Total (m) 1382.00

BITS

Bit Number	Size (mm)	MDC Code	Manufacturer	Type	Serial No	Jets (mm)	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Consolidate Hrs Run	Entry Date

DULL GRADE
T Gauge (mm) ODC
L Reason Pulled
MDC Total Run (m/hr) BRC

MUD RECORD

Mud Type	Water	Oil	Other	Time

Density (kg/m³)
Funnel Viscosity (cP)
Fluid Loss (cm³)
pH
Location
Depth (m)
PVT (m³)

SOLIDS CONTROL
Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)

SAFETY
Safety Topic MEHL (kg/m³) MACP (kg/m³)

MUD MATERIALS ADDED

Product	Amount	Type

METRES DRILLED

From (m)	To (m)	D-R-C	RPM	WOB (kg)

REDUCED PUMP SPEED
No. Pressure (kg) Strokes/min Depth (m)

CIRCULATION
Pump Type Line Size (mm) SPW Pressure (kg) Hours Run

Remarks:

HOLE CONDITION

No.	Hours Run	pH	Stack Temp (°C)

Hole Drag Up (kg/m)
Hole Drag Down (kg/m)
Torque at Bottom (Nm)
Fill on Bottom (m)

DEVIATION SURVEYS
Time Depth (m) Deviation Direction Type

Remarks:

TIME LOG

From	To	Elapsed	Code

Details of Operations in Sequence & Remarks

TOUR 2

DRILLING ASSEMBLY

No.	Component	OD (mm)	ID (mm)	Length (m)

Drill Pipe Stands (m)
Drill Pipe Singles (m)
Weight of DC (kg/m) Kelly Down (m)
Weight of string (kg/m) Total (m) 1450.00

BITS

Bit Number	Size (mm)	MDC Code	Manufacturer	Type	Serial No	Jets (mm)	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Consolidate Hrs Run	Entry Date

DULL GRADE
T Gauge (mm) ODC
L Reason Pulled
MDC Total Run (m/hr) BRC

MUD RECORD

Mud Type	Water	Oil	Other	Time

Density (kg/m³)
Funnel Viscosity (cP)
Fluid Loss (cm³)
pH
Location
Depth (m)
PVT (m³)

SOLIDS CONTROL
Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)

SAFETY
Safety Topic MEHL (kg/m³) MACP (kg/m³)

MUD MATERIALS ADDED

Product	Amount	Type

METRES DRILLED

From (m)	To (m)	D-R-C	RPM	WOB (kg)

REDUCED PUMP SPEED
No. Pressure (kg) Strokes/min Depth (m)

CIRCULATION
Pump Type Line Size (mm) SPW Pressure (kg) Hours Run

Remarks:

HOLE CONDITION

No.	Hours Run	pH	Stack Temp (°C)

Hole Drag Up (kg/m)
Hole Drag Down (kg/m)
Torque at Bottom (Nm)
Fill on Bottom (m)

DEVIATION SURVEYS
Time Depth (m) Deviation Direction Type

Remarks:

TIME LOG

From	To	Elapsed	Code

Details of Operations in Sequence & Remarks

TOUR 3

DRILLING ASSEMBLY

No.	Component	OD (mm)	ID (mm)	Length (m)

Drill Pipe Stands (m)
Drill Pipe Singles (m)
Weight of DC (kg/m) Kelly Down (m)
Weight of string (kg/m) Total (m) 1468.00

BITS

Bit Number	Size (mm)	MDC Code	Manufacturer	Type	Serial No	Jets (mm)	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Consolidate Hrs Run	Entry Date

DULL GRADE
T Gauge (mm) ODC
L Reason Pulled
MDC Total Run (m/hr) BRC

MUD RECORD

Mud Type	Water	Oil	Other	Time

Density (kg/m³)
Funnel Viscosity (cP)
Fluid Loss (cm³)
pH
Location
Depth (m)
PVT (m³)

SOLIDS CONTROL
Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)

SAFETY
Safety Topic MEHL (kg/m³) MACP (kg/m³)

MUD MATERIALS ADDED

Product	Amount	Type

METRES DRILLED

From (m)	To (m)	D-R-C	RPM	WOB (kg)

REDUCED PUMP SPEED
No. Pressure (kg) Strokes/min Depth (m)

CIRCULATION
Pump Type Line Size (mm) SPW Pressure (kg) Hours Run

Remarks:

HOLE CONDITION

No.	Hours Run	pH	Stack Temp (°C)

Hole Drag Up (kg/m)
Hole Drag Down (kg/m)
Torque at Bottom (Nm)
Fill on Bottom (m)

DEVIATION SURVEYS
Time Depth (m) Deviation Direction Type

Remarks:

TIME LOG

From	To	Elapsed	Code

Details of Operations in Sequence & Remarks



Pason
CLP

Pason
CLP

Pason
CLP

FRONT PAGE SUMMARY				Hour Sheet Serial Number				Weather Software Version				Year				Month				Day			
Rig No. / Well Name				Surface Location				Power Loc Type				Unique Well ID				Rig/Well Status							
245 Para et al Cameron H-06				40-06-18-204/17-30				NT				300H06010117300				S							
License No. / Operator				Contractor				Well Type				No-Entry											
2064 PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PDC				Vall Type															
Operator's AFE				Contractor's Job No				Start Date				Time											
BOND10004				SS3				2010/01/16				03:15											
Signature of Operator Representative				Signature of Contractor's Rig manager				Rig Release Date				Time											
JOSH BLUNTON				ERICK BIGRAS																			

DAILY CHECKS				OP RM				FUEL @ 08:00 HOURS				DRILL PIPE				MUD PUMPS				GENERAL EQUIPMENT & SERVICES			
1) Daily Risk Assessment Inspection				JA				Rig				Category				No.				Description			
2) Drilling Inspection - Weekly Alpha Check List				JA				Boiler				Category				No.				Description			
3) H2S Signs Posted & Required				JA				Op Fuel				Category				No.				Description			
4) Well Location & Shot Diagram Posted				JA				Weather				Category				No.				Description			
5) Entry Line Check				JA				Time				Category				No.				Description			
6) BOP Drive Performance				JA				Temp				Category				No.				Description			
7) Visually Inspected BOPs - Flare Lines & Degasser Lines				JA				Temp				Category				No.				Description			
8) BOP Seal Health & Safety Meeting (once per month)				JA				Current Conditions				Category				No.				Description			
9) CASCO Risk Safety Inspection Checklist (once per month)				JA				Wind Direction				Category				No.				Description			
10) Most Inspection before Raising or Lowering				JA				Wind Strength				Category				No.				Description			
11) Crown Survey Checked				JA				Road Condition				Category				No.				Description			
12) Motor Kills Checked				JA				Road Condition				Category				No.				Description			

SHALES SHAKERS				
No.	Top Screen	Middle Screen	Middle Screen	Bottom Screen
Size	Changed	New	Size	Changed
1	110		84	
2				

TOUR 1				TOUR 2				TOUR 3			
DRILLING ASSEMBLY				DRILLING ASSEMBLY				DRILLING ASSEMBLY			
No. Component OD (mm) ID (mm) Length (m)				No. Component OD (mm) ID (mm) Length (m)				No. Component OD (mm) ID (mm) Length (m)			
1 BIT 200 0 0.20				1 BIT 200 0 0.20				1 BIT 200 0 0.20			
1 BIT SUB 158 68 0.73				1 BIT SUB 158 68 0.73				1 BIT SUB 158 68 0.73			
1 DC (6.25 IN) 158 85 45.78				1 DC (6.25 IN) 158 85 45.78				1 DC (6.25 IN) 158 85 45.78			
1 DC (6.25 IN) 158 85 4.81				1 DC (6.25 IN) 158 85 4.81				1 DC (6.25 IN) 158 85 4.81			
1 JARS-HYO 158 66 6.20				1 JARS-HYO 158 66 6.20				1 JARS-HYO 158 66 6.20			
1 DC (6.25 IN) 158 85 #1.58				1 DC (6.25 IN) 158 85 #1.58				1 DC (6.25 IN) 158 85 #1.58			
1 XO 158 85 0.26				1 XO 158 85 0.26				1 XO 158 85 0.26			
6 HWDP (4.0 IN) 158 68 55.40				6 HWDP (4.0 IN) 158 68 55.40				6 HWDP (4.0 IN) 158 68 55.40			
65 Drill Pipe 1261.36				65 Drill Pipe 1261.36				65 Drill Pipe 1261.36			
1 Drill Pipe 8.59				1 Drill Pipe 8.59				1 Drill Pipe 8.59			
Weight of DC (total) 3.29				Weight of DC (total) 3.29				Weight of DC (total) 3.29			
Weight of string (total) 1468.00				Weight of string (total) 1468.00				Weight of string (total) 1468.00			

TOUR 1				TOUR 2				TOUR 3			
MUD RECORD				MUD RECORD				MUD RECORD			
Mud Type Water Oil Other				Mud Type Water Oil Other				Mud Type Water Oil Other			
Density (kg/m³)				Density (kg/m³)				Density (kg/m³)			
Funnel Viscosity (cP)				Funnel Viscosity (cP)				Funnel Viscosity (cP)			
Fluid Loss (cm)				Fluid Loss (cm)				Fluid Loss (cm)			
pH				pH				pH			
Location				Location				Location			
Depth (m)				Depth (m)				Depth (m)			
PVT (m)				PVT (m)				PVT (m)			
Solids Control				Solids Control				Solids Control			
Equipment Name				Equipment Name				Equipment Name			
Hours Run				Hours Run				Hours Run			
Intake Density (kg/m³)				Intake Density (kg/m³)				Intake Density (kg/m³)			
Over Flow Density (kg/m³)				Over Flow Density (kg/m³)				Over Flow Density (kg/m³)			
Under Flow Density (kg/m³)				Under Flow Density (kg/m³)				Under Flow Density (kg/m³)			
Safety				Safety				Safety			
Safety Topic				Safety Topic				Safety Topic			
MEHA (total) MACP (total)				MEHA (total) MACP (total)				MEHA (total) MACP (total)			

TOUR 1				TOUR 2				TOUR 3			
METRES DRILLED				METRES DRILLED				METRES DRILLED			
From (m) To (m) D-R-C RPM WOB (kda)				From (m) To (m) D-R-C RPM WOB (kda)				From (m) To (m) D-R-C RPM WOB (kda)			
REDUCED PUMP SPEED				REDUCED PUMP SPEED				REDUCED PUMP SPEED			
No. Pressure (kpa) Strokes/min Depth (m)				No. Pressure (kpa) Strokes/min Depth (m)				No. Pressure (kpa) Strokes/min Depth (m)			
CIRCULATION				CIRCULATION				CIRCULATION			
Pump Type Line Size (mm) GPM Pressure (kpa) Hours Run				Pump Type Line Size (mm) GPM Pressure (kpa) Hours Run				Pump Type Line Size (mm) GPM Pressure (kpa) Hours Run			
1 152 0 0 0.00				1 152 0 0 0.00				1 152 0 0 0.00			
2 152 0 0 0.00				2 152 0 0 0.00				2 152 0 0 0.00			
DEVIATION SURVEYS				DEVIATION SURVEYS				DEVIATION SURVEYS			
Time Depth (m) Deviation Direction Type				Time Depth (m) Deviation Direction Type				Time Depth (m) Deviation Direction Type			
HOLE CONDITION				HOLE CONDITION				HOLE CONDITION			
Hole Drag Up (kda)				Hole Drag Up (kda)				Hole Drag Up (kda)			
Hole Drag Down (kda)				Hole Drag Down (kda)				Hole Drag Down (kda)			
Torque at Bottom (kda)				Torque at Bottom (kda)				Torque at Bottom (kda)			
Fill on Bottom (m)				Fill on Bottom (m)				Fill on Bottom (m)			
BOILER				BOILER				BOILER			
No. Hours Run pH Stack Temp (°C)				No. Hours Run pH Stack Temp (°C)				No. Hours Run pH Stack Temp (°C)			
98 8.00 10.5 300.00				98 8.00 10.5 300.00				98 8.00 10.5 300.00			
TIME LOG				TIME LOG				TIME LOG			
From To Elapsed Code				From To Elapsed Code				From To Elapsed Code			
08:00 08:00 1.00 80 LAY DOWN BHA VERY TIGHT DP DUE TO HOLE TORQUE				08:00 08:00 1.00 80 LAY DOWN BHA VERY TIGHT DP DUE TO HOLE TORQUE				08:00 08:00 1.00 80 LAY DOWN BHA VERY TIGHT DP DUE TO HOLE TORQUE			
08:00 08:00 0.25 7 RIG SERVICE & FUNCTION BLIND RAMS				08:00 08:00 0.25 7 RIG SERVICE & FUNCTION BLIND RAMS				08:00 08:00 0.25 7 RIG SERVICE & FUNCTION BLIND RAMS			
08:00 08:00 0.25 140 INSTALLED CASING RAMS				08:00 08:00 0.25 140 INSTALLED CASING RAMS				08:00 08:00 0.25 140 INSTALLED CASING RAMS			
08:00 08:00 0.25 21 SAFETY MEETING PRIOR TO PRESS TEST B.O.P				08:00 08:00 0.25 21 SAFETY MEETING PRIOR TO PRESS TEST B.O.P				08:00 08:00 0.25 21 SAFETY MEETING PRIOR TO PRESS TEST B.O.P			
08:00 08:00 1.25 15A PRESSURE TEST BOP / ANNUAL INSIDE KILL LINE VALVE HCR, STABBING VALVE TO				08:00 08:00 1.25 15A PRESSURE TEST BOP / ANNUAL INSIDE KILL LINE VALVE HCR, STABBING VALVE TO				08:00 08:00 1.25 15A PRESSURE TEST BOP / ANNUAL INSIDE KILL LINE VALVE HCR, STABBING VALVE TO			
08:00 08:00 0.25 21 1500 KPA LOW / 10 500 KPA HIGH				08:00 08:00 0.25 21 1500 KPA LOW / 10 500 KPA HIGH				08:00 08:00 0.25 21 1500 KPA LOW / 10 500 KPA HIGH			
08:00 08:00 0.25 21 SAFETY MEETING PRIOR TO RUN CASING				08:00 08:00 0.25 21 SAFETY MEETING PRIOR TO RUN CASING				08:00 08:00 0.25 21 SAFETY MEETING PRIOR TO RUN CASING			
08:00 08:00 0.25 21 OTHER JACK RIG FOR RUNNING CASING				08:00 08:00 0.25 21 OTHER JACK RIG FOR RUNNING CASING				08:00 08:00 0.25 21 OTHER JACK RIG FOR RUNNING CASING			
08:00 08:00 1.50 12A MAKE UP FLOAT & SHOE. PUSH CASING DOWN TO 212M				08:00 08:00 1.50 12A MAKE UP FLOAT & SHOE. PUSH CASING DOWN TO 212M				08:00 08:00 1.50 12A MAKE UP FLOAT & SHOE. PUSH CASING DOWN TO 212M			
08:00 08:00 1.00 23 REALIZED CENTRALIZERS WERE 222MM NOT 200MM. WAIT ON INSTRUCTION FROM				08:00 08:00 1.00 23 REALIZED CENTRALIZERS WERE 222MM NOT 200MM. WAIT ON INSTRUCTION FROM				08:00 08:00 1.00 23 REALIZED CENTRALIZERS WERE 222MM NOT 200MM. WAIT ON INSTRUCTION FROM			
08:00 08:00 0.25 21 HAND OVER MEETING				08:00 08:00 0.25 21 HAND OVER MEETING				08:00 08:00 0.25 21 HAND OVER MEETING			
08:00 08:00 1.75 12H LAYED DOWN 18 JOINTS OF CASING				08:00 08:00 1.75 12H LAYED DOWN 18 JOINTS OF CASING				08:00 08:00 1.75 12H LAYED DOWN 18 JOINTS OF CASING			
Remarks: CHECK CROWN SAVER, BRAKE PINS, LINKAGE, ROLLERS OK/CHECK TUGGER, BOOM LINE, DEGASSER AND FLARE LINE				Remarks: CHECK CROWN SAVER, BRAKE PINS, LINKAGE, ROLLERS OK/CHECK TUGGER, BOOM LINE, DEGASSER AND FLARE LINE				Remarks: CHECK CROWN SAVER, BRAKE PINS, LINKAGE, ROLLERS OK/CHECK TUGGER, BOOM LINE, DEGASSER AND FLARE LINE			
CHECK POWER TONG EQUIPMENT, ELEVATOR, BLOW BOILER 4X 150 LITER				CHECK POWER TONG EQUIPMENT, ELEVATOR, BLOW BOILER 4X 150 LITER				CHECK POWER TONG EQUIPMENT, ELEVATOR, BLOW BOILER 4X 150 LITER			
CHECK OUT DEAD MAN BOLTS & NUTS				CHECK OUT DEAD MAN BOLTS & NUTS				CHECK OUT DEAD MAN BOLTS & NUTS			

FRONT PAGE SUMMARY		Your Sheet Serial Number: 0052245_20100203_10Pason		Vendor Software Version: 2010		Year: 2010		Month: 02		Day: 03	
Alg No. Well Name		Surface Location		Pw/Loc Type		Unique Well Id		Kolly Number		5	
245 Para et al Cameron H-06		0052245_20100203_10Pason		NT-LAY-CLASS		200104069010117300		Kolly Number		5	
License No. Operator		Contractor		Well Type		No-Entry		VERT		0	
2064 PARAMOUNT RESOURCES LTD		PRECISION DRILLING, DIV OF PDC		Contractor's Job No		Contractor's Job No		Squad Date		Time	
Operator's A/E		Contractor's Job No		Contractor's Job No		Contractor's Job No		Squad Date		Time	
0094010004		0094010004		0094010004		0094010004		Squad Date		Time	
Signature of Operator Representative		Signature of Contractor's Rep manager		Signature of Contractor's Rep manager		Signature of Contractor's Rep manager		Signature of Contractor's Rep manager		Signature of Contractor's Rep manager	
JOSH BLUNSTON		ERICK BIGRAS		JOSH BLUNSTON		ERICK BIGRAS		JOSH BLUNSTON		ERICK BIGRAS	

DAILY CHECKS		OP RM	
1) Daily Visual Inspection		Rig	
2) Visual Inspection - Heavy Duty Check List		Boiler	
3) Visual Inspection - Heavy Duty Check List		Op Fuel	
4) Visual Inspection - Heavy Duty Check List		Weather	
5) Visual Inspection - Heavy Duty Check List		Time	
6) Visual Inspection - Heavy Duty Check List		Temp	
7) Visual Inspection - Heavy Duty Check List		06:00	
8) Visual Inspection - Heavy Duty Check List		-33	
9) Visual Inspection - Heavy Duty Check List		CLEAR	
10) Visual Inspection - Heavy Duty Check List		Wind Direction	
11) Visual Inspection - Heavy Duty Check List		Wind Speed	
12) Visual Inspection - Heavy Duty Check List		UP TO 19 KMH	
13) Visual Inspection - Heavy Duty Check List		Road Condition	
14) Visual Inspection - Heavy Duty Check List		FAIR	

FUEL @ 06:00 HOURS	
Rig	
Boiler	
Op Fuel	
Weather	
Time	
Temp	
06:00	
-33	
CLEAR	
Wind Direction	
Wind Speed	
UP TO 19 KMH	
Road Condition	
FAIR	

DRILL PIPE	
Category	
Thread Type	
Grade	
OD (mm)	
ID (mm)	
Linear Mass (kg/m)	
No. of Joints	
Total Joint OD (mm)	
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Drilling Fluid Report

Current Activity		Rig up	
Date	January 15, 2010	Check Number	1
Spud Date	January 16, 2010	Days From Spud	-1
Location		H-06-60/10-11-30	
Contractor		Precision 245	
Report for		Erick Bigras	

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record		Casings			Drilling Assembly						Volumes (m3)		Hole Enlargement %		
Bit No.	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Val.	L/T Flow	Pipe Cap	Ann Vol.	BTM's Up		
DR Size(mm)	Type										Tank	Total			
Nozzles (mm)											Tot. Ck. Vol	Water Added			
N1:	N2:										Open Hole	Mud Lost			
N3:	N4:														
N5:	N6:														
N7:	N8:														
TFA		V.G. Readings			Deviation Record			Solids Control Equipment						Pump Data	
Depth In		Test	#1	#2	Depth	Inc	Dir	Type	Name	Screen Size	Screen Size	Screen Size	Screen Size	Model	
Depth Out		600						Shake	Swaco					Liner Dis	
Hrs. on Bit		300												Stroke	
Drill Rate		200						Type	Name	U.F. (kg/m3)	O.F. (kg/m3)	U.F. Rate (L/min)	Hours Run	Removal Rate (kg/hr)	
R.P.M.		100												Output(m3/hr)	
WOB (daN)		8												S.P.M.	
Nozzle Val		3												Output(m3/min)	
Check #1		HMP												Total Output (m3/min)	
Check #2		% Pressure at Bit												Press. (kPa)	
Remarks		Summary of Activity - Comments, Observations, Pilot Tests													
Mud System		WaterBasedMud													
Depth MD / TVD (m)		0 / 0													
Time Sample Taken		09:00													
Flowline Temp (C)															
Funnel Viscosity (sec/100)															
Mud Density (kg/m3)															
Hyd. Grad. (kPa/m)															
ECD (kg/m3)															
pH		STRIP METER													
Plastic Viscosity (mPa)															
Yield Point (Pa)															
Gel Strength (Pa) 10s/10min		/ /													
N Low / K low		/ /													
N Med / K med		/ /													
Filtrate (cm3/30min@700kPa)															
Filter Cake (mm)															
HTMP FILTRATE @ C (cm3/30 min. @ 3500 kPa)		@ @													
Filter Cake (mm)															
Sand Content (%)															
Total Solids (%)															
Conn. Solids (%)															
Oil Content (%)															
M.B.T. (kg/m3)															
HGS (kg/m3) / %		/ /													
LGS (kg/m3) / %		/ /													
Drilled solids (kg/m3)															
Bentonite (kg/m3)															
Avg. Density (kg/m3)															
Alkalinity (PPHMF)		/ /													
Hydroxyl (mg/L)															
Carbonate (mg/L)															
Bicarbonate (mg/L)															
Total Hardness (mg/L)															
Chlorides (mg/L)															
Potassium (mg/L)															
0.2 N HCl / 2.0 N HCl (cc%)		/ /													
Silicate % v/v / Silicate %		/ /													
Clear Fluid Density (kg/m3)		1000													
SKOZ-K2O Ratio															
Soluble Solids		HAC													
Polymer (kg/m3)															
Products															
Cost Since Last Check															
Total Cost to Date															
Marquis Fluids Representatives															
T.S.R		Scott Cooper													
Cell		403-999-9596													
Alternate		403-999-9596													
Trucking Company		Formula Powell - High Level													
Warehouse		High Level													
Phone #		780-926-4433													

Drilling Fluid Report

Current Activity		Rig up	
Date	January 18, 2010	Check Number	2
Spud Date	January 16, 2010	Days From Spud	2
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %							
BR No.	1A	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vel.	L/T Flow	Pipe Cap	0.5	Circulation Time							
BR Size(mm)	311					D.C.	68.0	212.0	17.9	51.3	TRANS	Ann Vol.	7.7	BTM's Up	4						
Type	HE04SMRSV					D.C.	65.0	158.0	115.3	37.0	TRANS	Tank	20.0	Total	13						
Nozzles (mm)						Other	65.0	158.0	2.6	37.0	TRANS	Tot. Ck. Vol	28.1	Water Added							
N1:	14.3	N2:	14.3			Other	66.0	158.0	5.2	37.0	TRANS	Open Hole	10.8	Mud Lost							
N3:	14.3	N4:				Solids Control Equipment						Pump Data									
N5:		N6:				V.G. Readings		Deviation Record													
N7:		N8:				Test	#1	#2	Depth	Inc	Dir	Type	Name	Screen Size	Screen Size	Screen Size	Screen Size	Model	F-800	F-800	
TFA	482					600	49	18				Shake	Swaco					Liner Die	152	152	
Depth In	0					300	37	11										Strokes	229	229	
Depth Out						200	0					Type	Name	U.F. (kg/m3)	O.F. (kg/m3)	U.F. Rate (L/min)	Hours Run	Removal Rate (kg/hr)	Output(m3/hr)	0.0125	0.0125
Hrs. on Bk.	12.0					100	0											G.P.M.	82	85	
Drill Rate	20.0					6	0											Output(m3/hr)	1.025	1.063	
R.P.M.	0					3	3	2										Total Output (m3/min)	2.088		
WOB (daN)	0					HHP				115.28								Press. (kPa)			
Nozzle Vel	72.2					% Pressure at Bit															
Summary of Activity - Comments, Observations, Pilot Tests																					
BR Press.	3313					Check #1		Check #2		Remarks; Hole conditons tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.											
Mud System		WaterBasedMud				WaterBasedMud				Cemented Conductor - WOC for 8 Hrs, Ran cement with stinger and top filled, ran in and conditioned mud.											
Depth MD / TVD (m)		141 / 141				142 / 142															
Time Sample Taken		11:07				21:40															
Flowline Temp (C)		25				24															
Funnel Viscosity (sec/L)		54				36															
Mud Density (kg/m3)		1030				1030															
Hycl. Grad. (kPa/m)		10.10				10.10															
ECD (kg/m3)		1030				1035															
pH ☒ STRIP ☐ METER		10.0				9.5				FOR DRILLING AHEAD:											
Plastic Viscosity (mPa)		12.0				7.0				1. Drill ahead with current properties, Hyperdrill 247 should increase viscosity to 40+, Mix NO gel.											
Yield Point (Pa)		12.0				1.9				2. Let P.h come down naturally to 8.5, no mixing required. No more bicarb is required at this time.											
Gel Strength (Pa) 10s/10min		5.0 / 9.0				2.0 / 3.0				3. Mix 2 sacks of Hyperdrill 247 when back drilling ahead @ 2hrs sack.											
N Low / K low		0.59 / 1.15				0.26 / 1.30				4. Raise Viscosity as required to clean hole with milzan @ 1 hour a sack, if rocks, boulders and gravel are encountered increase viscosity as hole dictates and ensure good hole cleaning prior to drilling ahead to prevent stuck pipe.											
N Med / K med		0.41 / 2.96				0.71 / 0.13				5. If mud rings are encountered mix detergent into suction and mix 2 vis cups of TKPP at drill pipe on connections to break down prior to surfacing. If problem persists mix 1/2 sk TKPP through hopper and continue to mix at drill pipe. Check shaker on regular intervals for sticky shale/cuttings- this is the first sign of a mud ring.											
Filtrate (cm3/30min@700kPa)		15.0								6. For seepage losses mix sawdust through hopper as required.											
Filtrate Cake (mm)		1.0								7. For Total Losses:											
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)		@				@				Rebuild volume to 70+ s/l viscosity and build a 5m3 pill with - Sawdust : Cellophane : Kwikseal in a 20 : 5 : 2 ratio and spot at a reduced pump rate in to their zone. Pull pump screen prior to pumping.											
Filtrate Cake (mm)										8. 20 - 30m prior to T.D increase viscosity to 80-100 s/l ready to run casing.											
Sand Content (%)		.01				.5				9. Once casing is landed and hole cleaned, lower viscosity to 50 - 55 s/l with water ready for cementing operations.											
Total Solids (%)						3															
Corr. Solids (%)		0.0																			
Oil Content (%)		0.0																			
M.B.T. (kg/m3)		29				14															
HGS (kg/m3) / %		/				0.00 / 0.0															
LGS (kg/m3) / %		/				106.38 / 4.1															
Drilled solids (kg/m3)		-28.60				92.38															
Bentonite (kg/m3)																					
Avg. Density (kg/m3)						2000															
Alkalinity (PPM/F)		0.2 / 0.5				0.6 / 1.7				Materials Used Since Last Check											
Hydroxyl (mg/L)										Products		Products		Products							
Carbonate (mg/L)		240				720				Detergent L (20L)		3		Hyperdrill AF247RD		3		Sawdust		26	
Bicarbonate (mg/L)		61				610				Shure Shale		9									
Total Hardness (mg/L)		40				60															
Chlorides (mg/L)		500				800															
Potassium (mg/L)																					
0.2 N HCl / 2.0 N HCl (cc's)		/				/				Cost Information											
Silicate % v/v / Silicate %		/				/				Cost Since Last Check		\$2,777.47		Total Cost to Date		\$2,777.47					
Clear Fluid Density (kg/m3)		1000				1000				Marquis Fluids Representatives											
SiO2:H2O Ratio						T.S.R		Scott Cooper				Trucking Company		Formula Powell - High Level							
Soluble Sulfides ☐ HAC ☐						Cell		403-999-9596				Warehouse		High Level							
Polymer (kg/m3)		0.25				Alternate		403-999-9596				Phone #		780-926-4433							



Drilling Fluid Report

Well Name		Para Cameron Hills															
Operator		Paramount Resources															
Report For		Josh Blinston															
Current Activity		Drilling Ahead															
Date	January 19, 2010	Check Number	4														
Spud Date	January 16, 2010	Days From Spud	3														
Location		H-06-60/10-11-30															
Contractor		Precision 245															
Report for		Erick Bigras															
In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.																	
Bit Record		Casings		Drilling Assembly		Volumes (m3)		Hole Enlargement %									
Bit No.	1A	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Ann Vol.	L/T Flow	Pipe Cap	1.3	Circulation Time			
Bit Size (mm)	311					D.C.	68.0	212.0	17.9	54.7	LAM	Ann Vol.	19.1	BTM's Up	9		
Type	HE04SMRSV					D.C.	65.0	158.0	123.1	39.5	LAM	Tank	20.0	Total	18		
Nozzles (mm)						H.W.D.P.	65.0	133.0	86.1	35.8	LAM	Tot. Ck. Vol	40.4	Water Added			
N1:	14.3	N2:	14.3			D.P.	85.0	133.0	97.9	35.8	LAM	Open Hole	24.7	Mud Lost			
N3:	14.3	N4:															
N5:		N6:															
N7:		N8:															
TFA	482	V.G. Readings		Deviation Record		Solids Control Equipment						Pump Data					
Depth In	0	Test	#1	#2	Depth	Inc	Dir	Type	Name	Screen Size	Screen Size	Screen Size	Screen Size	Model	F-800	F-800	
Depth Out		600	39					Shake	Swaco					Linear Dis	152	152	
Hrs. on Bit	21.5	300	25											Strokes	229	229	
Drill Rate	16.0	200						Type	Name	U.F. (g/m3)	O.F. (g/m3)	U.F. Rate (L/min)	Hours Run	Removal Rate (g/hr)	Output (m3/hr)	0.0125	0.0125
R.P.M.	110	100												S.P.M.	86	92	
WOB (daN)	4	6												Output (m3/hr)	1.075	1.150	
Nozzle Vel	77.0	3	6											Total Output (m3/min)	2.225		
														Press. (kPa)	6020		
Summary of Activity - Comments, Observations, Pilot Tests																	
Bit Press.	3910	Check #1	Check #2	Remarks: Hole conditions tripping & drilling: Cuttings description; Torque & drag; Reaming; Bridges; etc.													
Mud System	WaterBasedMud		18th January: 141-170m in 2.75, Bit Hours:14.75.														
Depth MD / TVD (m)	325	/	325	/													
Time Sample Taken	14:26																
Flowline Temp (C)	26																
Funnel Viscosity (sec/L)	52																
Mud Density (g/m3)	1070																
Hyd. Grad. (g/cm3)	10.50																
ECD (g/m3)	1082																
pH	☒ STRIP	☐ METER	8.5		Recommended Treatment - Suggestions												
Plastic Viscosity (mPa)	14.0		WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.														
Yield Point (Pa)	5.3		For Wiper Trip and Casing Operations:														
Gel Strength (Pa) 10s/10min	8.0	/	17.0	/	1. Increase viscosity to 60-65 s/l for wiper trip with Milzan through chem bbl.												
N Low / K low	0.21	/	4.29	/	2. When back on bottom after wiper trip increase Viscosity to 80 s/l with Milzan through chem bbl and if required add 10 gel to help get to 80 s/l.												
N Med / K med	0.64	/	0.46	/	3. Ensure water is running while circulating @ a minimum of 5 l/m to keep system hydrated.												
Filtrate (cm3/30min@700kPa)	10.0		4. Once casing is landed and hole cleaned isolate suction tank with 6-8m3 and lower viscosity to 50-55 s/l with water ready for cementing operations.														
Filter Cake (mm)	1.5																
HTMP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@		@		Drill ReportOut:												
Filter Cake (mm)			1. Once tanks are clean and fluid stripped to water, circulate 10 bags of envirofloc through system and mix 2 vis cups of Alkapam 1103D into chemical bbl and dispense into system evenly ready for drill out.														
Sand Content (%)	.05		2. Do not treat out calcium from cement job as it will aid in flocc drilling.														
Total Solids (%)	5		Thanks,														
Conn. Solids (%)			Scott														
Oil Content (%)																	
M.B.T. (g/m3)	128																
HGS (g/m3) / %	0.00	/	0.0	/													
LGS (g/m3) / %	145.78	/	5.6	/													
Drilled solids (g/m3)	17.78																
Bentonite (g/m3)																	
Avg. Density (g/m3)	2400																
Alkalinity (PF/MF)	0.1	/	0.1	/													
Hydroxyl (mg/L)			Materials Used Since Last Check														
Carbonate (mg/L)	60		Products		Products		Products		Products		Products		Products		Products		
Bicarbonate (mg/L)			Bentonite (Gel)		10		Bicarb of Soda		2		Hyperdrill AF247RD		2				
Total Hardness (mg/L)	40																
Chlorides (mg/L)	500																
Potassium (mg/L)																	
0.2 N HCl / 2.0 N HCl (cc's)	/		/		/		/		/		/		/		/		
Silicate % v/v / Silicate %	/		/		/		/		/		/		/		/		
Clear Fluid Density (g/m3)	1000		Cost Since Last Check		\$648.92		Total Cost to Date		\$3,426.39								
SiO2/K2O Ratio			Marquis Fluids Representatives		T.S.R		Scott Cooper		Trucking Company		Formula Powell - High Level						
Soluble Sulfides ☐ HAC ☐			Cell		403-999-9596		Warehouse		High Level								
Polymer (g/m3)	0.50		Alternate		403-999-9596		Phone #		780-926-4433								



Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston

Current Activity	Tripping Surface to Run Casing		
Date	January 20, 2010	Check Number	5
Spud Date	January 16, 2010	Days From Spud	4
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

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Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %	
BR No.	1A	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Val.	L/T Flow	Pipe Cap	2.1	Circulation Time	
BR Size(mm)	311		205.0	219.0	378.0	D.C.	65.0	158.0		19.1	LAM	Ann Vol.	25.6	BTM's Up	24
Type	HE04SMRSV					H.W.D.P.	65.0	102.0		15.9	LAM	Tank	27.0	Total	51
Nozzles (mm)						D.P.	85.0	102.0	378.0	15.9	LAM	Tot. Clr. Vol	54.8	Water Added	2
N1:	14.3	N2:	14.3			Other					N/A	Open Hole	28.7	Mud Lost	
N3:	14.3	N4:													
N5:		N6:													
N7:		N8:													
TFA	482														
Depth In	0														
Depth Out	378														
Hrs. on Bit	30.0														
Drill Rate															
R.P.M.															
WOB (daN)															
Nozzle Vel	37.2														
Bit Press.	938														
Summary of Activity - Comments, Observations, Pilot Tests															
Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.															
Mud System		WaterBasedMud		WaterBasedMud		20th January: 360-378m Drilling hours: Total Bit Hours:									
Depth MD / TVD (m)	378 / 378	378 / 378	378 / 378	378 / 378	378 / 378										
Time Sample Taken	07:45	16:45													
Flowline Temp (C)	26	26													
Funnel Viscosity (sec/L)	120	52													
Mud Density (kg/m3)	1120	1100													
Hyd. Grad. (kPa/m)	10.99	10.79													
ECD (kg/m3)	1148	1108													
pH ☒ STRIP ☐ METER	8.5	8.0													
Plastic Viscosity (mPa)	21.0	17.0													
Yield Point (Pa)	12.9	5.3													
Gel Strength (Pa) 10s/10min	20.0 / 36.0	8.0 / 15.0													
N Low / K low	0.12 / 14.91	0.18 / 5.21													
N Med / K med	0.52 / 1.84	0.68 / 0.39													
Filtrate (cm3/30min@700kPa)	9.0	12.0													
Filter Cake (mm)	1.0	1.0													
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@	@													
Filter Cake (mm)															
Sand Content (%)		.3													
Total Solids (%)	7.5	6.2													
Conn. Solids (%)															
Oil Content (%)															
M.B.T. (kg/m3)	128	86													
HGS (kg/m3) / %	0.00 / 0.0	2.06 / 0.0													
LGS (kg/m3) / %	195.03 / 7.5	159.96 / 6.2													
Drilled solids (kg/m3)	67.03	74.46													
Bentonite (kg/m3)															
Avg. Density (kg/m3)	2600	2613													
Alkalinity (PFAP)	0.1 / 0.8	0.1 / 0.3													
Hydroxyl (mg/L)															
Carbonate (mg/L)	120	60													
Bicarbonate (mg/L)	671	244													
Total Hardness (mg/L)	80	40													
Chlorides (mg/L)	500	500													
Potassium (mg/L)															
0.2 N HCl / 2.0 N HCl (cc's)	/	/													
Silicate % v/v / Silicate %	/	/													
Clear Fluid Density (kg/m3)	1000	1000													
SiO2/K2O Ratio															
Soluble Sulfides ☐ HAC ☐															
Polymer (g/m3)	0.50	0.30													

Materials Used Since Last Check			
Products		Products	
Bicarb of Soda	5	Defoamer (20L)	3
Kelzan XCD Polymer	1	Sawdust	17

Cost Information			
Cost Since Last Check	\$1,810.74	Total Cost to Date	\$5,237.13
Marquis Fluids Representatives			
T.S.R.	Scott Cooper	Trucking Company	Formula Powell - High Level
Cell	403-999-9596	Warehouse	High Level
Alternate	403-999-9596	Phone #	780-926-4433



Drilling Fluid Report

Current Activity		Drilling Floc Section	
Date	January 22, 2010	Check Number	7
Spud Date	January 16, 2010	Days From Spud	6
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston

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Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %	
Bit No.	2	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vel.	L/T Flow	Pipe Cap	2.1	Circulation Time	
Bit Size(mm)	200		205.0	219.0	378.0	D.C.	65.0	158.0		91.0	N/A	Ann Vol.	8.8	BTM's Up	8
Type	HE04SMRSV					H.W.D.P.	65.0	102.0		46.2	N/A	Tank	40.0	Total	47
Nozzles (mm)						D.P.	85.0	102.0	378.0	46.2	N/A	Tot. Ctr. Vol	50.9	Water Added	
N1:	10.3	N2:	10.3			Other					N/A	Open Hole	11.9	Mud Lost	
N3:	10.3	N4:	10.3												
N5:	10.3	N6:	10.3												
N7:	10.3	N8:													
TFA	583														
Depth In	378														
Depth Out															
Hrs. on Bit	8.0														
Drill Rate	20.0														
R.P.M.		HHP		10.43											
WOB (daN)		% Pressure at Bit		9.67											
Nozzle Vel	30.7														
Bit Press.	582	Check #1		Check #2											
Mud System	WaterBasedMud														
Depth MD / TVD (m)	378 / / 378														
Tine Sample Taken	21:01														
Flowline Temp (C)	26														
Funnel Viscosity (sec/L)	28														
Mud Density (kg/m3)	1000														
Hyd. Grad. (kPa/m)	9.81														
ECD (kg/m3)	1000														
pH	STRIP			METER	9.0										
Plastic Viscosity (mPa)															
Yield Point (Pa)															
Gel Strength (Pa) 10s/10min	/ /														
N Low / K low	/ /														
N Med / K med	/ /														
Filtrate (cm3/30min@700kPa)															
Filter Cake (mm)															
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@			@											
Filter Cake (mm)															
Sand Content (%)															
Total Solids (%)															
Conn. Solids (%)															
Oil Content (%)															
M.B.T. (kg/m3)															
HGS (kg/m3) / %	/ /			/ /											
LGS (kg/m3) / %	/ /			/ /											
Drilled solids (kg/m3)															
Bentonite (kg/m3)															
Avg. Density (kg/m3)															
Alkalinity (PF/MF)	0.1 / 0.1			/ /											
Hydroxyl (mg/L)															
Carbonate (mg/L)	60														
Bicarbonate (mg/L)															
Total Hardness (mg/L)	560														
Chlorides (mg/L)	180														
Potassium (mg/L)															
0.2 N HCl / 2.0 N HCl (cc's)	/ /			/ /											
Silicate% v/v / Silicate %	/ /			/ /											
Clear Fluid Density (kg/m3)	1000														
SiO2/K2O Ratio															
Soluble Solids	HAC														
Polymer (kg/m3)															

Summary of Activity - Comments, Observations, Pilot Tests

Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.

Recommended Treatment - Suggestions

WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/S LABELS FOR MORE INFORMATION.

Report for Drilling Ahead:

1. Maintain calcium level over 500mg/l with calcium nitrate, if adding water from 400bbl or water truck add 2 sacks of calcium nitrate for every 10-12m3 load to maintain content.

2. Inject alkapan 1103D into centrifuge pump as required to floc system.

2. If water becomes cloudy mix 5 sack of calcium nitrate and check content to ensure it is above 500mg/l. If still cloudy increase polymer injection rate 1/3 to reinitialise floc.

Thanks,

Scott

Materials Used Since Last Check

Products		Products		Products	
Bentonite (Gel)	26	Bicarb of Soda	2	Kelzan XCD Polymer	1

Cost Information

Cost Since Last Check	\$963.21	Total Cost to Date	\$6,200.34

Marquis Fluids Representatives

T.S.R	Scott Cooper	Trucking Company	Formula Powell - High Level
Cell	403-999-9596	Warehouse	High Level
Alternate	403-999-9596	Phone #	780-926-4433



Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph. 4038603569)

Current Activity	Cementing off Thief Zone		
Date	January 24, 2010	Check Number	8
Spud Date	January 16, 2010	Days From Spud	8
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

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Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %	
Bit No.	2	Type	ID	OD	Set att(m)	Type	ID	OD	Length	Ann Vel.	L/T Flow	Pipe Cap	4.3	Circulation Time	
Bit Size(mm)	200		205.0	219.0	378.0	D.C.	65.0	158.0		91.0	N/A	Ann Vel.	17.4	BTM's Up	16
Type	HE04SMRSV					H.W.D.P.	65.0	102.0		46.2	N/A	Tank	40.0	Total	57
Nozzles (mm)						D.P.	85.0	750.0		46.2	N/A	Tot. Ck. Vol	61.7	Water Added	1500
N1:	10.3	N2:	10.3			Other					N/A	Open Hole	23.6	Mud Lost	
N3:	10.3	N4:	10.3												
N5:	10.3	N6:	10.3												
N7:	10.3	N8:													
TFA	583														
Depth In	378														
Depth Out															
Hrs. on Bit	8.0														
Drill Rate	0.0														
R.P.M.															
WOB (daN)															
Nozzle Vel	30.7														
Bit Press..	582														
Mud System	WaterBasedMud														
Depth MD / TVD (m)	750 / 750														
Time Sample Taken	20:43														
Flowline Temp (C)	26														
Funnel Viscosity (sec/L)	28														
Mud Density (kg/m3)	1000														
Hyd. Grad. (kPa/m)	9.81														
ECD (kg/m3)	1000														
pH ☒ STRIP ☐ METER	8.0														
Plastic Viscosity (mPa)															
Yield Point (Pa)															
Gel Strength (Pa) 10s/10min	/ /														
N Low / K low	/ /														
N Med / K med	/ /														
Filtrate (cm3/30min@700kPa)															
Filtrate Cake (mm)															
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@														
Filtrate Cake (mm)															
Sand Content (%)															
Total Solids (%)															
Conn. Solids (%)															
Oil Content (%)															
N.B.T. (kg/m3)															
HGS (kg/m3) / %	/ /														
LGS (kg/m3) / %	/ /														
Drilled solids (kg/m3)															
Bentonite (kg/m3)															
Avg. Density (kg/m3)															
Alkalinity (PF/MF)	0.1 / 0.1														
Hydroxyl (mg/L)															
Carbonate (mg/L)	60														
Bicarbonate (mg/L)															
Total Hardness (mg/L)	280														
Chlorides (mg/L)															
Potassium (mg/L)															
0.2 N HCl / 2.0 N HCl (cc%)	/ /														
Silicate % v/v / Silicate %	/ /														
Clear Fluid Density (kg/m3)	1000														
SiO2:K2O Ratio															
Soluble Sulfides ☐ HAC ☐															
Polymer (kg/m3)															

Summary of Activity - Comments, Observations, Pilot Tests

Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.

22nd January:
Drill out at 0730 and drilled ahead to 533m in 12 Hours.
23rd January:
Drilled ahead from 533-691m and blind from 557m with no returns, pumped away 1000m3 +/- Mixed sawdust into water with no returns
Total Bit Hours:24

Recommended Treatment - Suggestions

WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS'S/LABELS FOR MORE INFORMATION.

Report for Drilling Ahead:

1. Maintain calcium level over 500mg/l with calcium nitrate, if adding water from 400bbl or water truck add 2 sacks of calcium nitrate for every 10-12m3 load to maintain content.

2. Inject alkapam 1103D into centrifuge pump as required to floc system.

2. If water becomes cloudy mix 5 sack of calcium nitrate and check content to ensure it is above 500mg/l. If still cloudy increase polymer injection rate 1/3 to reinitiate floc.

Thanks,
Scott

Materials Used Since Last Check

Products		Products		Products	
Alkapam A-1103D	2	Envirofloc	25	Sawdust	40

Cost Information

Cost Since Last Check	Total Cost to Date
\$1,775.81	\$7,976.15

Marquis Fluids Representatives

T.S.R	Trucking Company	Formula Powell - High Level
Scott Cooper		
Cell	Warehouse	High Level
403-999-9596		
Alternate	Phone #	780-926-4433
403-999-9596		



Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph. 4038603569)

Current Activity	Drilling Cement Plugs		
Date	January 25, 2010	Check Number	9
Spud Date	January 16, 2010	Days From Spud	9
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %	
Bit No.	2	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vel.	L/T Flow	Pipe Cap	2.7	Circulation Time	
Bit Size(mm)	200		205.0	219.0	378.0	D.C.	65.0	158.0	141.1	91.0	N/A	Ann Vel.	11.3	BTM's Up	11
Type	HE04SMRSV					H.W.D.P.	65.0	102.0	55.4	46.2	N/A	Tank	18.7	Total	30
Nozzles (mm)						D.P.	85.0	102.0	358.5	46.2	N/A	Tot. Ck. Vol	32.7	Water Added	
N1:	10.3	N2:	10.3			Other					N/A	Open Hole	17.4	Mud Lost	
N3:	10.3	N4:	10.3												
N5:	10.3	N6:	10.3												
N7:	10.3	N8:													
TFA	583														
Depth In	378														
Depth Out															
Hrs. on Bit	28.0														
Drill Rate	13.0														
R.P.M.	42														
WOB (daN)	1														
Nozzle Vel	30.7														
Bit Press.	582														
Mud System	WaterBasedMud														
Depth MD / TVD (m)	555 / 555														
Time Sample Taken	19:18														
Flowline Temp (C)															
Funnel Viscosity (sec/L)	28														
Mud Density (kg/m3)	1000														
Hyd. Grad. (kPa/m)	9.81														
ECD (kg/m3)	1000														
pH	STRIP														
Plastic Viscosity (mPa)															
Yield Point (Pa)															
Gel Strength (Pa) 10s/10min															
N Low / K Low															
N Med / K med															
Filtrate (cm3/30min@700kPa)															
Filter Cake (mm)															
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)															
Filter Cake (mm)															
Sand Content (%)															
Total Solids (%)															
Con. Solids (%)															
Oil Content (%)															
M.B.T. (kg/m3)															
HGS (kg/m3) / %															
LGS (kg/m3) / %															
Drilled solids (kg/m3)															
Bentonite (kg/m3)															
Avg. Density (kg/m3)															
Alkalinity (PF/MF)	0.4 / 0.8														
Hydroxyl (mg/L)															
Carbonate (mg/L)	420														
Bicarbonate (mg/L)	122														
Total Hardness (mg/L)	800														
Chlorides (mg/L)	200														
Potassium (mg/L)															
0.2 N HCl / 2.0 N HCl (cc's)															
Silicate % v/v / Silicate %															
Clear Fluid Density (kg/m3)	1000														
SiO2/K2O Ratio															
Soluble Sulfides															
Polymer (kg/m3)															

Summary of Activity - Comments, Observations, Pilot Tests

Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.

24 January:
691-752m in 5 Hours
Total Bit Hours: 28.5
Ran 2 cement plugs.
W.O.C

Recommended Treatment - Suggestions

WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.

Report for Drilling Ahead:

1. Maintain calcium level over 500mg/l with calcium nitrate, if adding water from 400bbl or water truck add 2 sacks of calcium nitrate for every 10-12m3 load to maintain content.
2. Inject alkalam 1103D into centrifuge pump as required to floc system.
3. If water becomes cloudy mix 5 sack of calcium nitrate and check content to ensure it is above 500mg/l. If still cloudy increase polymer injection rate 1/3 to reinitialise floc.

Mud Up Report: The Depth for mud up will be determined by Josh.

1. Stop all floc additions @ 1100m and isolate mud tanks with 25-30m3 of floc water, mix 3 sacks of soda ash to treat calcium below 60mg/l.
2. Start mixing gel @ 5 minutes a sack to achieve a 40-45 s/l viscosity, once achieved mix ultra pac and lignite @ 1:2 ratio evenly over circulation to lower fluid loss to below 8cc.

Maintain for Drilling:

1. Viscosity @ 45 s/l with gel evenly over circulation.
2. P.h @ 9-9.5 with caustic through chemical barrel with cold water, mix caustic into water and dispense into system as required.
3. Fluid loss @ 6-8cc with ultrapac and lignite @ 1:2 ratio evenly over circulation.
4. Keep density under control with solids control equipment and run water @ 10 litres a minute to keep system hydrated. (This can be lowered if volume is being increased by water additions but always keep water running when circulating or drilling).

Thanks,
Scott

Materials Used Since Last Check

Products	Products	Products

Cost Information

Cost Since Last Check	\$0.00	Total Cost to Date	\$7,976.15
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Marquis Fluids Representatives

T.S.R	Scott Cooper	Trucking Company	Formula Powell - High Level
Cell	403-999-9596	Warehouse	High Level
Alternate	403-999-9596	Phone #	780-926-4433



Drilling Fluid Report

Current Activity		Drilling ahead	
Date	January 25, 2010	Check Number	10
Spud Date	January 16, 2010	Days From Spud	10
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph. 4038603569)

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record		Casings			Drilling Assembly					Volumes (m3)		Hole Enlargement %	
Bit No.	2	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vol.	L/T Flow	Pipe Cap	4.4
Bit Size(mm)	200		205.0	219.0	378.0	D.C.	65.0	158.0	141.1	110.6	N/A	Ann Vol.	18.4
Type	HE04SMRSV					H.W.D.P.	65.0	102.0	55.4	56.2	N/A	Tank	40.0
Nozzles (mm)						D.P.	85.0	102.0	662.5	56.2	N/A	Tot. Ctr. Vol	62.8
N1:	10.3	N2:	10.3			Other					N/A	Open Hole	27.0
N3:	10.3	N4:	10.3										
N5:	10.3	N6:	10.3										
N7:	10.3	N8:											
TFA	583												
Depth In	378												
Depth Out	750												
Hrs. on Bit	28.0												
Drill Rate	20.0												
R.P.M.	42												
WOB (daN)	1												
Nozzle Vel	37.3												
Bit Press.	859												
Mud System	WaterBasedMud												
Depth MD / TVD (m)	859 / 859												
Time Sample Taken	17:07												
Flowline Temp (C)	26												
Funnel Viscosity (sec/L)	28												
Mud Density (kg/m3)	1000												
Hyd. Grad. (kPa/m)	9.81												
ECD (kg/m3)	1000												
pH	STRIP												
Plastic Viscosity (mPa)													
Yield Point (Pa)													
Gel Strength (Pa) 10s/10min													
N Low / K low													
N Med / K med													
Filtrate (cm3/30min@700kPa)													
Filter Cake (mm)													
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)													
Filter Cake (mm)													
Sand Content (%)													
Total Solids (%)													
Conn. Solids (%)													
Oil Content (%)													
M.B.T. (kg/m3)													
HGS (kg/m3) / %													
LGS (kg/m3) / %													
Drilled solids (kg/m3)													
Bentonite (kg/m3)													
Avg. Density (kg/m3)													
Alkalinity (PFMF)	0.3												
Hydroxyl (mg/L)													
Carbonate (mg/L)	360												
Bicarbonate (mg/L)	183												
Total Hardness (mg/L)	800												
Chlorides (mg/L)	200												
Potassium (mg/L)													
0.2 N HCl / 2.0 N HCl (cc's)													
Silicate % v/v / Silicate %													
Clear Fluid Density (kg/m3)	1000												
SiO2:K2O Ratio													
Soluble Solids													
Polymer (kg/m3)													

Summary of Activity - Comments, Observations, Pilot Tests

Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges, etc.

25th January:
Ran 2 Cement Plugs from 750-663m and 663-553m.
Tagged first plug at 663m.
Tagged second plug at 663m.

Recommended Treatment - Suggestions

WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.

Report for Drilling Ahead:

1. Maintain calcium level over 500mg/l with calcium nitrate, if adding water from 400bbl or water truck add 2 sacks of calcium nitrate for every 10-12m3 load to maintain content.
2. Inject alkalam 1103D into centrifuge pump as required to floc system.
3. If water becomes cloudy mix 5 sack of calcium nitrate and check content to ensure it is above 500mg/l. If still cloudy increase polymer injection rate 1/3 to reintialise floc.

Mud Up Report: The Depth for mud up will be determined by Josh.

1. Stop all floc additions @ 1100m and isolate mud tanks with 25-30m3 of floc water, mix 3 sacks of soda ash to treat calcium below 60mg/l.
2. Start mixing gel @ 5 minutes a sack to achieve a 40-45 s/l viscosity, once achieved mix ultra pac and lignite @ 1:2 ratio evenly over circulation to lower fluid loss to below 8cc.

Maintain for Drilling:

1. Viscosity @ 45 s/l with gel evenly over circulation.
2. P.h @ 9-9.5 with caustic through chemical barrel with cold water, mix caustic into water and dispence into system as required.
3. Fluid loss @ 6-8cc with ultrapac and lignite @ 1:2 ratio evenly over circulation.
4. Keep density under control with solids control equipment and run water @ 10 litres a minute to keep system hydrated. (This can be lowered if volume is being increased by water additions but always keep water running when circulating or drilling).

Thanks,
Scott

Materials Used Since Last Check

Products	Products	Products

Cost Information

Cost Since Last Check	\$0.00	Total Cost to Date	\$7,976.15
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Marquis Fluids Representatives

T.S.R	Scott Cooper	Trucking Company	Formula Powell - High Level
Cell	403-999-9596	Warehouse	High Level
Alternate	403-999-9596	Phone #	780-926-4433



Drilling Fluid Report

Well Name		Para Cameron Hills													
Operator		Paramount Resources													
Report For		Josh Blinston													
Current Activity		Drilling ahead													
Date	January 27, 2010	Check Number	11												
Spud Date	January 16, 2010	Days From Spud	11												
Location	H-06-60/10-11-30														
Contractor	Precision 245														
Report for	Erick Bigras														
In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.															
Bit Record		Casings		Drilling Assembly		Volumes (m3)		Hole Enlargement %							
Bit No.	2A	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vel.	L/T Flow	Pipe Cap	5.7	Circulation Time	
Bit Size(mm)	200		205.0	219.0	378.0	D.C.	65.0	158.0	141.1	110.6	N/A	Ann Vel.	23.7	BTM's Up	
Type	HE04SMRSV					H.W.D.P.	65.0	102.0	55.4	56.2	N/A	Tank	40.0	Total	
Nozzles (mm)						D.P.	85.0	102.0	893.5	56.2	N/A	Tot. Ck. Vol	69.4	Water Added	
N1:	10.3	N2:	10.3			Other					N/A	Open Hole	34.2	Mud Lost	
N3:	10.3	N4:	10.3												
N5:	10.3	N6:	10.3												
N7:	10.3	N8:													
TFA	583														
Depth In	378														
Depth Out															
Hrs. on Bit	50.0														
Drill Rate	25.0														
R.P.M.	60			HHP		18.71									
WOB (daN)	3			% Pressure at Bit		14.03									
Nozzle Vel	37.3														
Summary of Activity - Comments, Observations, Pilot Tests															
Bit Press..	859			Check #1		Check #2		Remarks; Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.							
Mud System	WaterBasedMud							26th January: 752-947m in 7.25 hours Total bit hours:14.50							
Depth MD / TVD (m)	1090 / 1090														
Time Sample Taken	21:11														
Flowline Temp (C)	25														
Funnel Viscosity (sec/L)	28														
Mud Density (kg/m3)	1000														
Hyd. Grad. (kPa/m)	9.81														
ECD (kg/m3)	1000														
pH	☒ STRIP ☐ METER			11.0				Mud Up Report: The Depth for mud up will be determined by Josh.							
Plastic Viscosity (mPa)								1. Stop all floc additions @ 1100m and isolate mud tanks with 25-30m3 of floc water, mix 3 sacks of soda ash to treat calcium below 60mg/l.							
Yield Point (Pa)								2. Start mixing gel @ 5 minutes a sack to achieve a 40-45 s/l viscosity, once achieved mix ultra pac and lignite @ 1:2 ratio evenly over circulation to lower fluid loss to below 8cc.							
Gel Strength (Pa) 10s/10min															
N Low / K low															
N Med / K med															
Filtrate (cm3/30min@700kPa)															
Filter Cake (mm)								Maintain for Drilling:							
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)				@		@		1. Viscosity @ 45 s/l with gel evenly over circulation.							
Filter Cake (mm)								2. P.h @ 9-9.5 with caustic through chemical barrel with cold water, mix caustic into water and dispense into system as required.							
Sand Content (%)								3. Fluid loss @ 6-8cc with ultrapac and lignite @ 1:2 ratio evenly over circulation.							
Total Solids (%)								4. Keep density under control with solids control equipment and run water @ 10 litres a minute to keep system hydrated. (This can be lowered if volume is being increased by water additions but always keep water running when circulating or drilling).							
Corr. Solids (%)								Thanks, Scott							
Oil Content (%)															
N.B.T. (kg/m3)															
HGS (kg/m3) / %															
LGS (kg/m3) / %															
Drilled solids (kg/m3)															
Bentonite (kg/m3)															
Avg. Density (kg/m3)															
Alkalinity (PPHMF)	0.3 / 0.8														
Hydroxyl (mg/L)															
Carbonate (mg/L)	360							Materials Used Since Last Check							
Bicarbonate (mg/L)	183							Products							
Total Hardness (mg/L)	300							Alkapam A-1103D							
Chlorides (mg/L)	180							Sawdust							
Potassium (mg/L)								1							
0.2 N HCl / 2.0 N HCl (cc/s)								Defoamer (20L)							
Silicate % v/v / Silicate %								1							
Clear Fluid Density (kg/m3)	1000							Products							
SiO2:K2O Ratio								Envirofloc							
Soluble Sulfides ☐ HAC ☐								30							
Polymer (kg/m3)															
Cost Information															
Cost Since Last Check				\$1,885.90				Total Cost to Date				\$9,862.05			
Marquis Fluids Representatives															
T.S.R				Scott Cooper				Trucking Company				Formula Powell - High Level			
Cell				403-999-9596				Warehouse				High Level			
Alternate				403-999-9596				Phone #				780-926-4433			



Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston

Current Activity	Drilling ahead		
Date	January 28, 2010	Check Number	12
Spud Date	January 16, 2010	Days From Spud	12
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %	
Bit No.	2A	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vol.	L/T Flow	Pipe Cap	6.2	Circulation Time	
Bit Size(mm)	200		205.0	219.0	378.0	D.C.	65.0	158.0	141.1	112.6	TRANS	Ann Vol.	25.8	BTM's Up	19
Type	HE04SMRSV					H.W.D.P.	65.0	102.0	55.4	57.2	LAM	Tank	40.0	Total	54
Nozzles (mm)						D.P.	85.0	102.0	984.5	57.2	LAM	Tot. Ck. Vol	72.1	Water Added	3.1
N1:	10.3	N2:	10.3			Other					N/A	Open Hole	37.1	Mud Lost	
N3:	10.3	N4:	10.3												
N5:	10.3	N6:	10.3												
N7:	10.3	N8:													
TFA	583														
Depth In	750														
Depth Out															
Hrs. on Bit	36.0														
Drill Rate	3.0														
R.P.M.	126														
WOB (daN)	3														
Nozzle Vel	38.0														
Bit Press..	989														
Summary of Activity - Comments, Observations, Pilot Tests															
Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.															
27th January: 947-1143m in 14.50 Hours. Total Bit Hours:36 Drilled Ahead and started mudding up at 1100m, mixed 10 soda ash before calcium came down to 300mg/l. Mixed 180 gel to mud up to a 45 s/l viscosity and calcium kept climbing back up to the 300+ mark.															
Recommended Treatment - Suggestions															
WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/S LABELS FOR MORE INFORMATION.															
Maintain for Drilling:															
1. Viscosity @ 45 s/l with kelzan evenly over 2 circulations.															
2. Mix Hyperdrill 247RD @ 3 hours a sack - 4 tourty.															
3. Mix 4 pails of shure shale at 3 hours a pail.															
2. P.h @ 9-9.5 with caustic through chemical barrel with cold water, mix caustic into water and dispense into system as required.															
3. Fluid loss @ 6-8cc with ultrapac evenly over circulation.															
4. Keep density under control with solids control equipment and run water @ 10 litres a minute to keep system hydrated. (This can be lowered if volume is being increased by water additions but always keep water running when circulating or drilling).															
Thanks,															
Scott															
Materials Used Since Last Check															
Products															
Alkapam A-1103D 2 Bentonite (Gel) 180 Envirofloc 29															
Sawdust 10 Soda Ash (25) 20															
Total Hardness (mg/L) 300															
Chlorides (mg/L) 900															
Potassium (mg/L)															
0.2 N HCl / 2.0 N HCl (cc's)															
Silicate % v/v / Silicate %															
Clear Fluid Density (g/cm3) 1000															
SiO2:K2O Ratio															
Soluble Sulphides HAC															
Polymer (g/cm3)															
Cost Information															
Cost Since Last Check \$4,822.43 Total Cost to Date \$14,684.48															
Marquis Fluids Representatives															
T.S.R Scott Cooper Trucking Company Formula Powell - High Level															
Cell 403-999-9596 Warehouse High Level															
Alternate 403-999-9596 Phone # 780-926-4433															



Drilling Fluid Report

Current Activity		Drilling ahead	
Date	January 29, 2010	Check Number	13
Spud Date	January 16, 2010	Days From Spud	13
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph. 4038603569)

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %	
Bit No.	2B	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vel.	L/T Flow	Pipe Cap	6.5	Circulation Time	
Bit Size(mm)	200		205.0	219.0	378.0	D.C.	65.0	158.0	141.1	115.6	LAM	Ann Vol.	26.9	BTM's Up	20
Type	HE04SMRSV					H.W.D.P.	65.0	102.0	55.4	58.8	LAM	Tank	43.1	Total	56
Nozzles (mm)						D.P.	85.0	102.0	1029.5	58.8	LAM	Tot. Cir. Vol	76.5	Water Added	6
M1:	10.3	M2:	10.3			Other					N/A	Open Hole	38.5	Mud Lost	
M3:	10.3	M4:	10.3												
M5:	10.3	M6:	10.3												
M7:	10.3	M8:													
TFA	583														
Depth In	1183														
Depth Out															
Hrs. on Bit	7.5														
Drill Rate															
R.P.M.	126														
WOB (daN)	10														
Nozzle Vel	39.0														
Summary of Activity - Comments, Observations, Pilot Tests															
Bit Press.	1033	Check #1	Check #2	Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.											
Mud System		WaterBasedMud				28th January: 1143-1189m in 9.5 Hours Total bit hours: 38.5 Drilled Ahead to 1182m and pulled bit due to bit balling, two jets were plugged on bit from drilling bentonitic clay.									
Depth MD / TVD (m)	1226	/	1226		/										
Time Sample Taken	09:00														
Flowline Temp (C)	27														
Funnel Viscosity (sec/L)	65														
Mud Density (kg/m3)	1100														
Hyd. Grad. (kPa/m)	10.79														
ECD (kg/m3)	1135														
pH	STRIP	METER	9.5			Maintain for Drilling:									
Plastic Viscosity (mPa)	18.0					1. Viscosity @ 45 s/l with kelzan evenly over 2 circulations.									
Yield Point (Pa)	6.2					2. Mix Hyperdrill 247RD @ 3 hours a sack - 4 tourty.									
Gel Strength (Pa) 10s/10min	5.0	/	10.0		/	3. Shure Shale content is good, no mixing required.									
N Low / K low	0.31	/	3.00		/	2. P.h @ 8.5 with caustic through chemical barrel with cold water, mix caustic into water and dispence into system as required. Inrease P.h to 9.5-10 prior to drilling into the Sulphur point.									
N Med / K med	0.66	/	0.51		/	3. Fluid loss @ 6-Bcc with ultrapac:lignite @ 1:2 ration evenly over circulation.									
Filtrate (cm3/30min@700kPa)	12.0					4. Keep density under control with solids control equipment and run water @ 10 litres a minute to keep system hydrated. (This can be lowered if volume is being increased by water additions but always keep water running when circulating or drilling).									
Filter Cake (mm)	1.5														
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)		@			@										
Filter Cake (mm)															
Sand Content (%)	.07														
Total Solids (%)	6														
Conn. Solids (%)															
Oil Content (%)															
M.S.T. (kg/m3)	86					Thanks, Scott									
HGS (kg/m3) / %	10.30	/	0.2		/										
LGS (kg/m3) / %	149.72	/	5.8		/										
Drilled solids (kg/m3)	64.22														
Bentonite (kg/m3)															
Avg. Density (kg/m3)	2667														
Alkalinity (PF/MF)	0.1	/	0.2		/	Materials Used Since Last Check									
Hydroxyl (mg/L)						Products		Products		Products					
Carbonate (mg/L)	120					Barite	20	Caustic Soda	1	Detergent L (20L)	4				
Bicarbonate (mg/L)						Hyperdrill AF247RD	2	Lignite	8	MF-PAC R TM	3				
Total Hardness (mg/L)	250					Sawdust	57	Shure Shale	6						
Chlorides (mg/L)	1300														
Potassium (mg/L)															
0.2 N HCl / 2.0 N HCl (cc's)	/		/	Cost Information											
Silicate % v/v / Silicate %	/		/	Cost Since Last Check				\$3,467.74		Total Cost to Date		\$18,152.22			
Clear Fluid Density (kg/m3)	1000					Marquis Fluids Representatives									
SiO2:K2O Ratio						T.S.R	Scott Cooper			Trucking Company		Formula Powell - High Level			
Soluble Sulfides	HAC					Cell	403-999-9596			Warehouse		High Level			
Polymer (kg/m3)						Alternate	403-999-9596			Phone #		780-926-4433			

Summary of Activity - Comments, Observations, Pilot Tests

Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.

28th January:
1143-1189m in 9.5 Hours
Total bit hours: 38.5
Drilled Ahead to 1182m and pulled bit due to bit balling, two jets were plugged on bit from drilling bentonitic clay.

Recommended Treatment - Suggestions

WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.

Maintain for Drilling:

- Viscosity @ 45 s/l with kezan evenly over 2 circulations.
- Mix Hyperdrill 247RD @ 3 hours a sack - 4 tourty.
- Shure Shale content is good, no mixing required.
- P.h @ 8.5 with caustic through chemical barrel with cold water, mix caustic into water and dispense into system as required. Increase P.h to 9.5-10 prior to drilling into the Sulphur point.
- Fluid loss @ 6-8cc with ultrapac:lignite @ 1:2 ration evenly over circulation.
- Keep density under control with solids control equipment and run water @ 10 litres a minute to keep system hydrated. (This can be lowered if volume is being increased by water additions but always keep water running when circulating or drilling).

Thanks,

Scott

Materials Used Since Last Check

Products		Products		Products	
Barite	20	Caustic Soda	1	Detergent L (20L)	4
Hyperdrill AF247RD	2	Lignite	8	MF-PAC R TM	3
Sawdust	57	Shure Shale	6		

Cost Information

Cost Since Last Check	\$3,467.74	Total Cost to Date	\$18,152.22
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Marquis Fluids Representatives

T.S.R	Scott Cooper	Trucking Company	Formula Powell - High Level
Cell	403-999-9596	Warehouse	High Level
Alternate	403-999-9596	Phone #	780-926-4433

Drilling Fluid Report

Current Activity		Drilling ahead	
Date	January 30, 2010	Check Number	14
Spud Date	January 16, 2010	Days From Spud	14
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph. 4038603569)

In consideration of the furnishing of this report and oral suggestions; it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

[illegible]

Nozzle Val	37.2			Summary of Activity - Comments, Observations, Pilot Tests
Bit Press.	918	Check #1	Check #2	Remarks; Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.

Mud System	WaterBasedMud			29th January: 1189-1245m in 17.25 Hours Total Bit Hours: 18.25 Drilled ahead with bit balling problems from high viscosity and natural clays.
Depth MD / TVD (m)	1248	/	1248	
Time Sample Taken	09:19			
Flowline Temp (C)	25			
Funnel Viscosity (sec/L)	43			
Mud Density (kg/m3)	1075			

Hyd. Grad. (ft/m)	10.55	Recommended Treatment - Suggestions
ECI (m/m)	1097	WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS'S/LABELS FOR MORE INFORMATION.

pH	☒ STRIP	☐ METER	8.5	Maintain for Drilling:
Flow Velocity (m/s)			0.0	

Intrinsic viscosity (mL/g)	9.0
Yield Point (Pa)	4.3

1. Viscosity @ 40-45 s/l with kelzan evenly over 4 circulations.

Gel Strength (Pa) 10s/10min	4.0	/	7.0		/
N Low / K low	0.25	/	2.68		/

2. Mix Hyperdri! 247/RD @ 3 hours a sack - 3 tourly.

3. Shure Shale content is good, no mixing required

N Med / K med	0.58	/ /	0.47		/ /
Filtrate (cm3/30min@700kPa)	12.0				

Filter Celo (mm)	1.5
HTHP FILTRATE @ C (cm ³ /30 min.	@

3. Fluid loss @ 0-6cc with Ultracalc.ignite @ 1.2 l/min evenly over 2 circulations.
4. Keep density under control with solids control equipment and run water @ 10 litres a minute to keep

Slurry Concentration (%)		system hydrated. (This can be lowered if volume is being increased by water additions but always keep water running when circulating or drilling).
Total Solids (%)	4.6	

Corr. Solids (%)		
Oil Content (%)		

5. If mud starts to foam start a defoamer in the suction and one at the shaker and come and get me.

M.B.T. (kg/m3)	86				Thanks,
HGS (kg/m3) / %	3.61	/	0.1	/	

LGS (kg/m3) / %	117.41	/	4.5		/		Scott
Drilled solids (kg/m3)	31.91						

Bentonite (kg/m3)		
	2630	

Avg. Density (g/cm ³)	2630				
Alkalinity (PFMIF)	0.1	/	0.2	/	Materials Used Since Last Check

Hydroxyl (mg/L)		Products		Products		Products	
Carbonate (mg/L)	60	Caustic Soda	1	Detergent L (20L)	3	Ketzan XCD Polymer	1

Bicarbonate (mg/L)	122	Lignite	4	MF-PAC R TM	2	Sawdust	15
Total Hardness (mg/L)	200	Shure Shale	1	TKPP	2		

Chlorides (mg/L)	1200						
Potassium (mg/L)							

0.2 N HCl / 2.0 N HCl (cc's)						Cost Information		
0.2N HCl, vol / 2.0N HCl, M					Cost Since Last Check	\$1,825.71	Total Cost to Date	\$10,087.03

Order # R-177 Grade #	7		7	Cover Order East Office	\$1,000.00	Your Order Total	\$19,867.50
Clear Fluid Density (kg/m ³)	1000			Marquis Fluids Representatives			
				F&B	South Coast	Texas	Florida Power & Light Co.

SO2:K2O Ratio			I.S.R	Scott Cooper	Trucking Company	Formula Power - High Level
Soluble Sulfides ☐ HAC ☐			Cell	403-989-9596	Warehouse	High Level

Polymer (kg/m3)	0.25		Alternate	403-999-9596		Phone #	780-926-4433
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Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph. 4038603569)

Current Activity	Drilling ahead		
Date	January 31, 2010	Check Number	15
Spud Date	January 16, 2010	Days From Spud	15
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %	
Bit No.	3	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Val.	L/T Flow	Pipe Cap	7.8	Circulation Time	
Bit Size(mm)	200		205.0	219.0	378.0	D.C.	65.0	158.0	141.1	114.6	LAM	Ann Vol.	32.3	BTW's Up	24
Type	R09AM					H.W.D.P.	65.0	102.0	55.4	58.2	LAM	Tank	43.1	Total	61
Nozzles (mm)						D.P.	85.0	102.0	1261.5	58.2	LAM	Tot. Ck. Vol	83.2	Water Added	8
N1:	15.9	N2:	15.9			Other					N/A	Open Hole	45.8	Mud Lost	
N3:	15.9	N4:													
N5:		N6:													
N7:		N8:													
TFA	596														
Depth In	1245														
Depth Out															
Hrs. on Bit	15.8														
Drill Rate	7.0														
R.P.M.	105														
WOB (daN)	7														
Nozzle Vel	37.9														
Bit Press..	956														
Summary of Activity - Comments, Observations, Pilot Tests															
Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.															
Mud System		WaterBasedMud		WaterBasedMud		Pulled out of hole for wiper trip, ran back to bottom with no problems. Drilling to T.D and pulling out for logs.									
Depth MD / TVD (m)	1435 / 1435	1458 / 1458													
Time Sample Taken	09:50	20:40													
Flowline Temp (C)	27	26													
Funnel Viscosity (sec/L)	87	180													
Mud Density (kg/m3)	1080	1080													
Hyd. Grad. (kPa/m)	10.59	10.59													
ECD (kg/m3)	1128	1158													
pH ☒ STRIP ☐ METER	10.0	9.5													
Plastic Viscosity (mPa)	21.0	22.0													
Yield Point (Pa)	9.6	17.2													
Gel Strength (Pa) 10s/10min	6.0 / 12.0	8.0 / 20.0													
N Low / K low	0.28 / 5.07	0.22 / 11.14													
N Med / K med	0.60 / 1.00	0.46 / 3.22													
Filtrate (cm3/30min@700kPa)	9.0	9.0													
Filter Cake (mm)	1.0	1.5													
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@	@													
Filter Cake (mm)															
Sand Content (%)	.2	.25													
Total Solids (%)	5	5													
Conn. Solids (%)															
Oil Content (%)															
M.B.T. (kg/m3)	86	86													
HGS (kg/m3) / %	0.00 / 0.0	0.00 / 0.0													
LGS (kg/m3) / %	130.02 / 5.0	130.02 / 5.0													
Drilled solids (kg/m3)	44.52	44.52													
Bentonite (kg/m3)															
Avg. Density (kg/m3)	2600	2600													
Alkalinity (PF/MF)	0.2 / 0.4	0.1 / 0.3													
Hydroxyl (mg/L)															
Carbonate (mg/L)	180	120													
Bicarbonate (mg/L)	61	61													
Total Hardness (mg/L)	180	400													
Chlorides (mg/L)	1100	1200													
Potassium (mg/L)															
0.2 N HCl / 2.0 N HCl (cc's)															
Silicate % v/v / Silicate %															
Clear Fluid Density (kg/m3)	1000	1000													
SiO2/K2O Ratio															
Soluble Sulfides ☐ HAC ☐															
Polymer (kg/m3)	0.40	0.30													

Materials Used Since Last Check			
Products		Products	
Alkapam A-1103D	1	Barite	40
Caustic Soda	2	Defoamer (20L)	20
Detergent L (20L)	2	Hyperdrill AF247RD	2
Lignite	10	MF-PAC R TM	7
Soda Ash (25)	-2		

Cost Information			
Cost Since Last Check	\$10,738.74	Total Cost to Date	\$30,726.67

Marquis Fluids Representatives			
T.S.R	Scott Cooper	Trucking Company	Formula Powell - High Level
Cell	403-999-9596	Warehouse	High Level
Alternate	403-999-9596	Phone #	780-926-4433

Drilling Fluid Report

Current Activity		Condition to run csg	
Date	February 1, 2010	Check Number	17
Spud Date	January 16, 2010	Days From Spud	16
Location	H-06-50/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph, 4038603569)

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record				Casings				Drilling Assembly					Volumes (m3)			Hole Enlargement %							
Bit No.	3			Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vol.	L/T Flow	Pipe Cap	7.9		Circulation Time						
Bit Size(mm)	200				205.0	219.0	378.0	D.C.	65.0	158.0	141.1	114.6	LAM	Ann Vol.	32.5	BTM's Up		24					
Type	R09AM							H.V.W.D.P.	65.0	102.0	55.4	58.2	LAM	Tank	14.4	Total		40					
Nozzles (mm)								D.P.	85.0	102.0	1271.5	58.2	LAM	Tot. Cir. Vol	54.8	Water Added		8					
N1:	15.9	N2:	15.9					Other					N/A	Open Hole	46.1	Mud Lost							
N3:	15.9	N4:		V.G. Readings				Deviation Record				Solids Control Equipment				Pump Data							
N5:		N6:		Test	#1	#2	Depth	Inc	Dir	Type	Name	Screen Size	Screen Size	Screen Size	Screen Size	Model	F-800	F-800					
N7:		N8:		600	58					Shake	Swaco	110	84			Linear Die	152	152					
TFA	596			300	38											Stroke	229	229					
Depth In	1245			200						Type	Name	U.F. (kg/m3)	O.F. (kg/m3)	U.F. Rate (L/min)	Hours Run	Removal Rate (kg/hr)	Output(m3/stroke)	0.0125	0.0125				
Depth Out				100						Centrif	United						S.P.M.	114					
Hrs. on Bit	15.8			6													Output(m3/min)	1.354					
Drill Rate				3	6												Total Output (m3/min)	1.354					
R.P.M.	105			HHP				21.47									Press. (kPa)	7519					
WOB (daN)	7			% Pressure at Bit				12.65															
Nozzle Vel	37.9							Summary of Activity - Comments, Observations, Pilot Tests															
Bit Press..	951			Check #1				Check #2				Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.											
Mud System				WaterBasedMud				Logged well successfully to TD. RIH slick. Conditioned mud by adding water to hydrate. POOH to run csg.															
Depth MD / TVD (m)	1468			/		1468		/															
Time Sample Taken				18:00																			
Flowline Temp (C)				22																			
Funnel Viscosity (sec/L)				68																			
Mud Density (kg/m3)				1075																			
Hyd. Grad. (kPa/m)				10.55																			
ECD (kg/m3)				1119				Recommended Treatment - Suggestions															
pH ☒ STRIP ☐ METER				9.5				W&M: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.															
Plastic Viscosity (mPa)				20.0				For Cement :															
Yield Point (Pa)				8.6				Isolate to one suction tank. Minimize volume to just above suction. Add water at 20-25 L/min to reduce FV to 55-58 sec/L.															
Gel Strength (Pa) 10s/10min	4.0	/	16.0		/		Ensure all product is put back in mudvan for final count.																
N Low / K low	0.34	/	3.47		/		Thanks,																
N Med / K med	0.61	/	0.85		/		Scott and Shannon																
Filtrate (cm3/30min@700kPa)				10.0																			
Filter Cake (mm)				1.0																			
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)		@		@																			
Filter Cake (mm)																							
Sand Content (%)				.25																			
Total Solids (%)				4.75																			
Corr. Solids (%)																							
Oil Content (%)																							
M.B.T. (kg/m3)				85																			
HGS (kg/m3) / %	0.00	/	0.0		/																		
LGS (kg/m3) / %	125.10	/	4.8		/																		
Drilled solids (kg/m3)				40.10																			
Bentonite (kg/m3)																							
Avg. Density (kg/m3)				2579																			
Alkalinity (PF/MF)	0.1	/	0.3		/		Materials Used Since Last Check																
Hydroxyl (mg/L)								Products								Products							
Carbonate (mg/L)				120																			
Bicarbonate (mg/L)				122																			
Total Hardness (mg/L)				400																			
Chlorides (mg/L)				1200																			
Potassium (mg/L)																							
0.2 N HCl / 2.0 N HCl (cc's)		/			/		Cost Information																
Silicate% v/v / Silicate %		/			/		Cost Since Last Check				\$0.00				Total Cost to Date				\$30,726.67				
Clear Fluid Density (kg/m3)				1000				Marquis Fluids Representatives															
SiO2/K2O Ratio								T.S.R				Shannon Williams				Trucking Company				Formula Powell - High Level			
Soluble Sulfides ☐ HAC ☐								Cell				780-691-2295				Warehouse				High Level			
Polymer (kg/m3)				0.30				Alternate				780-691-2295				Phone #				780-926-4433			



Drilling Fluid Report

Current Activity	Circulating prior to cement		
Date	February 2, 2010	Check Number	18
Spud Date	January 16, 2010	Days From Spud	17
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph. 4038603569)

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Bit Record		Casings				Drilling Assembly					Volumes (m3)		Hole Enlargement %								
Bit No.	3	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vel.	L/T Flow	Pipe Cap	18.3	Circulation Time							
Bit Size(mm)	200	Surface	205.0	219.0	378.0	Other	126.0	139.7	1468.0	62.0	LAM	Ann Vel.	23.6	BTM's Up	24						
Type	R09AM					Other					N/A	Tank	18.0	Total	60						
Nozzles (mm)						Other					N/A	Tot. Ctr. Vol	59.9	Water Added							
N1:	25.4	N2:	25.4			Other					N/A	Open Hole	46.7	Mud Lost							
N3:	25.4	N4:	25.4																		
N5:		N6:				Solids Control Equipment							Pump Data								
N7:		N8:				Test	#1	#2	Depth	Inc	Dir	Type	Name	Screen Size	Screen Size	Screen Size	Screen Size	Model	F-800	F-800	
TFA	2027					600	72	44				Shake	Swaco	110	84			Liner Dia	152	152	
Depth In	1245					300	52	27										Stroke	229	229	
Depth Out	1468					200		22				Type	Name	U.F. (kg/m3)	O.F. (kg/m3)	U.F. Rate (L/min)	Hours Run	Removal Rate (kg/hr)	Output(m3/hr)	0.0125	0.0125
Hrs. on Bit						100		15				Centrif	United						S.P.M.	84	
Drill Rate						8		5											Output(m3/hr)	0.998	
R.P.M.						3	B	4											Total Output (m3/min)		0.998
WOB (daN)																			Press. (kPa)		5500
Nozzle Vel	8.2																				
Bit Press.	46					Summary of Activity - Comments, Observations, Pilot Tests															
Mud System	WaterBasedMud	WaterBasedMud				Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.															
Depth MD / TVD (m)	1468 / 1468	1468 / 1468				Feb 2 2010: Continued L/D pipe. P/U float equipment. RIH w/14 jts csg. POOH. Wait on centralizers. RIH w/csg, filling as required. No problems reported. Broke circ and start conditioning mud for cement. Mixed 2 sxs Desco and Fresh H2O at 30-35 L/min over 1 full circ. Stripped mud while RIH and conditioning mud for cement.															
Time Sample Taken	22:50	23:55																			
Flowline Temp (C)	22	22																			
Funnel Viscosity (sec/L)	80	53																			
Mud Density (kg/m3)	1100	1100																			
Hyd. Grad. (kPa/m)	10.79	10.79																			
ECD (kg/m3)	1210	1146																			
pH	STRIP	METER	9.0	9.0																	
Plastic Viscosity (mPa)	20.0	17.0																			
Yield Point (Pa)	15.3	4.8																			
Gel Strength (Pa) 10s/10min	2.5 / 7.0	3.0 / 7.0																			
N Low / K low	0.39 / 4.26	0.32 / 2.36																			
N Med / K med	0.47 / 2.79	0.70 / 0.33																			
Filtrate (cm3/30min@700kPa)	10.0	10.0																			
Filter Cake (mm)	1.0	1.0																			
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@	@																			
Filter Cake (mm)																					
Sand Content (%)																					
Total Solids (%)	6.25	6.25																			
Conn. Solids (%)																					
Oil Content (%)																					
M.B.T. (kg/m3)	80	80																			
HGS (kg/m3) / %	0.00 / 0.0	0.00 / 0.0																			
LGS (kg/m3) / %	162.53 / 6.3	162.53 / 6.3																			
Drilled solids (kg/m3)	82.53	82.53																			
Bentonite (kg/m3)																					
Avg. Density (kg/m3)	2600	2600																			
Alkalinity (PF/MF)	0.1 / 0.3	0.1 / 0.3																			
Hydroxyl (mg/L)																					
Carbonate (mg/L)	120	120																			
Bicarbonate (mg/L)	61	122																			
Total Hardness (mg/L)	400	300																			
Chlorides (mg/L)	1200	1100																			
Potassium (mg/L)																					
0.2 N HCl / 2.0 N HCl (cc's)	/	/																			
Silicate % v/v / Silicate %	/	/																			
Clear Fluid Density (kg/m3)	1000	1000																			
SiO2:K2O Ratio																					
Soluble Sulfides	HAC																				
Polymer (kg/m3)	0.10	0.10																			
Materials Used Since Last Check																					
Products			Products			Products			Products			Products			Products			Products			



Drilling Fluid Report

Current Activity	Rigging out		
Date	February 3, 2010	Check Number	20
Spud Date	January 16, 2010	Days From Spud	18
Location	H-06-60/10-11-30		
Contractor	Precision 245		
Report for	Erick Bigras		

Well Name	Para Cameron Hills
Operator	Paramount Resources
Report For	Josh Blinston (ph. 4038603569)

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made hereon shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Fluids shall not be liable for any damages resulting from the furnishing of this report and oral suggestions and is to be held harmless.

Bit Record		Casings				Drilling Assembly						Volumes (m3)		Hole Enlargement %			
Bit No.	3	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vel.	L/T Flow	Pipe Cap	18.3	Circulation Time			
Bit Size(mm)	200	Surface	205.0	219.0	378.0	Other	126.0	139.7	1468.0	62.0	N/A	Ann Vol.	23.6	STM's Up	24		
Type	R09AM					Other					N/A	Tank	18.0	Total	60		
Nozzles (mm)						Other					N/A	Tot. Cir. Vol	59.9	Water Added			
N1:	25.4	N2:	25.4			Other					N/A	Open Hole	46.7	Mud Lost			
N3:	25.4	N4:	25.4														
N5:		N6:															
N7:		N8:															
TFA	2027	V.G. Readings				Deviation Record				Solids Control Equipment				Pump Data			
		Test	#1	#2	Depth	Inc	DW	Type	Name	Screen Size	Screen Size	Screen Size	Screen Size	Model	F-800	F-800	
Depth In	1245	600						Shake	Swaco	110	84			Liner Dia	152	152	
Depth Out	1468	300												Stroke	229	229	
Hrs. on Bit		200						Type	Name	U.F. (kg/m3)	O.F. (kg/m3)	U.F. Rate (L/min)	Hours Run	Removal Rate (kg/hr)	Output(m3/hr)	Output(m3/hr)	
Drill Rate		100						Centrif	United						S.P.M.	84	
R.P.M.		6													Output(m3/hr)	0.998	
WOB (daN)		3													Total Output (m3/min)	0.998	
Nozzle Vel	8.2														Prass. (kPa)	5500	
Summary of Activity - Comments, Observations, Pilot Tests																	
Bit Press...		Check #1	Check #2	Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.													
Mud System	WaterBasedMud		Feb 03 2010: Continued circulating while rigging in cementers.														
Depth MD / TVD (m)	1468	/	1468	/	Final mudcheck visc - 53 sec/L. YP - 4.8 pA. Cemented with no visible cement returns to surface. Performed inventory and reconciled well. Rig released today.												
Time Sample Taken	11:03																
Flowline Temp (C)																	
Funnel Viscosity (sec/L)																	
Mud Density (kg/m3)																	
Hyd. Grad. (kPa/m)																	
ECD (kg/m3)	0																
pH	☒ STRIP	☐ METER															
Plastic Viscosity (mPa)																	
Yield Point (Pa)																	
Gel Strength (Pa) 10s/10min	/	/	/	/													
N Low / K low	/	/	/	/													
N Med / K med	/	/	/	/													
Filtrate (cm3/30min@700kPa)																	
Filter Cake (mm)																	
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@	@															
Filter Cake (mm)																	
Sand Content (%)																	
Total Solids (%)																	
Conn. Solids (%)																	
Oil Content (%)																	
M.B.T. (kg/m3)																	
HGS (kg/m3) / %	/	/	/	/													
LGS (kg/m3) / %	/	/	/	/													
Drilled solids (kg/m3)																	
Bentonite (kg/m3)																	
Avg. Density (kg/m3)																	
Alkalinity (PFMP)	/	/	/	/													
Hydroxyl (mg/L)																	
Carbonate (mg/L)																	
Bicarbonate (mg/L)																	
Total Hardness (mg/L)																	
Chlorides (mg/L)																	
Potassium (mg/L)																	
0.2 N HCl / 2.0 N HCl (cc)	/	/	/	/													
Silicate% v/v / Silicate %	/	/	/	/													
Clear Fluid Density (kg/m3)	1000																
SiO2:K2O Ratio																	
Soluble Sulfides	☐ HAC																
Polymer (kg/m3)																	
Materials Used Since Last Check																	
Products				Products				Products									
Cost Information																	
Cost Since Last Check				\$0.00				Total Cost to Date				\$30,726.67					
Marquis Fluids Representatives																	
T.S.R				Shannon Williams				Trucking Company				Formula Powell - High Level					
Cell				780-691-2295				Warehouse				High Level					
Alternate				780-691-2295				Phone #				780-926-4433					



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/9/2010

Report #: 1.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 35,804

Cum Cost to Date: 35,804

APV/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete as oil well .

Operations Summary

Finish rigging out on M - 49 , move to H - 06 . Rig up equipment , start running into hole with bit and scrapper .

Operations Next Report Period

Finish running into hole bit and scrapper

Road Condition Good	Weather Sunny	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Dwayne Palmer	403 357 - 6841

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
09:30	10:00	0.50	0.50	Held safety meeting on moving on narrow roads , use lad # 2 .
10:00	13:30	3.50	4.00	Move rig and equipment to H - 06 , spot equipment on location .
13:30	15:30	2.00	6.00	Spot rig matts with picker , spot 60m3 tank with bed truck . Rig up rig , pump , tank , and boiler . Spot and rig in 125 Ft flare stack and vessel .
15:30	18:00	2.50	8.50	Nipple down flowing well head , stump test BOP stack . Nipple up class III BOP stack , function and pressure test good . Rig up work floor and tubing equipment , tarp in floor . Un - load 162 - joint's yellow band tubing onto pipe racks
18:00	19:30	1.50	10.00	Make up viper rental bit and scrapper on cat walk , run into hole with bit 120mm , casing scrapper , tally and drift on way into hole . Tag fluid @ 18 - joint's 73mm tubing , suck back on casing . Total 66 - joint's 73mm yellow band into hole , pull and lay down 1 - joint .
19:30	20:00	0.50	10.50	Drain lines and BOP's , close and lock pipe rams . Secure well and location .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	0.00	0.50	0.50	-0.50

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
	J-55	35.716	
Surface	J-55	35.716	377.00
Production	J-55	20.834	1,468.00



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Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/10/2010

Report #: 2.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 40,058

Cum Cost to Date: 75,863

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete as oil well .

Operations Summary

Finish running bit and scrapper , displace to clean KCL water . Pull out of hole , run bond log . Start swabbing down casing .

Operations Next Report Period

Swab down casing

Road Condition Good	Weather Sunny	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer Consultant Rig Manager	Dick Heenan Kim MacLeod Dwayne Palmer	403 818 - 3843 780 542 - 1897 403 357 - 6841

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Held pre - job safety meeting on pinch point's picking up tubing off pipe racks . Un - lock pipe rams , walk around equipment .
07:30	09:30	2.00	2.50	Continue running into hole with bit and scrapper , tally and drift on way into hole . Run casing scrapper over perforation zone to clean up . Tag plug back @ 1454.6mKB , lay down tag joint .
09:30	10:30	1.00	3.50	Rig in pump lines , reverse circulate down casing 26m3 . Rig down pump lines , drain lines .
10:30	12:00	1.50	5.00	Pull out of standing in derrick , lay down bit and scrapper . Clean up around work floor .
12:00	17:00	5.00	10.00	Run into with Pure Energy bond log tools , tag @ 1451m . Cement top @ 415m , log to surface . Tool failed @ 500m , pull out of hole . Fix tools , run back into hole . Log from 500m to surface . Rig down e - line truck , stand - by on location
17:00	20:00	3.00	13.00	Rig up casing swab equipment , swab to rig tank . Pulled 14 - swabs , recovered 9.53m3 . Rig out swab equipment , close and lock blind rams .
20:00	20:30	0.50	13.50	Drain pump lines , secure well and location .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	27.00	36.50	37.00	-10.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	377.00
Production	J-55	20.834	1,468.00



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Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/11/2010

Report #: 3.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 52,831

Cum Cost to Date: 128,694

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete as oil well.

Operations Summary

Swab down casing to 1200m, perforate sulphur point dolomite. Run into hole selective acid tools

Operations Next Report Period

Finish running into hole selective acid tools

Road Condition Good	Weather cloudy	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Held pre job safety meeting on casing swabbing procedures, un - lock blind rams. Walk around equipment.
07:30	11:00	3.50	4.00	Rig in casing swab equipment and pump line, swab to rig tank. Total swabs pulled 14, total fluid recovered today
11:00	16:00	5.00	9.00	Held safety meeting with all personal on location, turn off all phones. Run into hole with ERHSC 101.6mm gun, 13 SPM, 90 degree, 25 gram SDP. Log into place @ top shot @ 1427m - 1429m, 1m blank, 3m gun @ 1430m - 1433mKB. Fire gun, casing on slight vacuum. Pull out of hole, cable kinked @ head. Tie new cable head, confirm cable good. Run into hole with ERHSC 101.6mm gun, 13 SPM, 90 degree phasing, 25 gram SDP. Log into place @ 1418m - 1419m, fire gun. Casing on slight vacuum, pull out of hole. Third run, run into hole with ERHSC 101.6mm gun, 13 SPM, 90 degree phasing, 25 gram SDP. Log into place @ 1410.5m - 1412.5m, 1m blank gun, 1413.5m - 1415.5mKB. Fire gun, pull out of hole. Rig down and release Pure Energy E - line truck.
16:00	16:30	0.50	9.50	Make up weatherford selective acid tools on cat walk, pre - heat elements on tool's.
16:30	17:30	1.00	10.50	Run into hole with weatherford selective acid tool, mule shoe, flow nipple, MCL (mechanical collar locator) RPG 3m spacing, DMP, XO 88.9mm X 73mm, R - nipple C / W 57.15mm profile, 1 - pup joint, 57 - joint's 73mm tubing. Held BOP drill, good job done by all services.
17:30	18:00	0.50	11.00	Close and lock pipe rams, drain lines. Secure well and location.

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water			37.00	-10.00

Perforations

Date	Zone	Top (mKB)	Bitm (mKB)	Current Status
2/11/2010	Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



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Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/12/2010

Report #: 4.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 16,996

Cum Cost to Date: 147,070

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 54

Objective

Complete sulphur point as oil well

Operations Summary

Finish running into hole tools , function tools

Operations Next Report Period

Wait on trican pumper

Road Condition Good	Weather Sunny	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Held pre - job safety meeting on running tool's into hole , un - lock pipe rams . Walk around equipment .
07:30	09:00	1.50	2.00	Remove safety valve , continue running into hole with weatherford selective acid tools . Run into hole 148 - joint's 73mm tubing , locate casing collar to confirm depth . Set swab packer , open dump valve .
09:00	11:00	2.00	4.00	Rig in swab equipment , swab to vessel . Run into hole to 1360m . Pull out of hole , dry swab . Pull second swab to confirm dryh swab . Rig down swab equipment .
11:00	12:00	1.00	5.00	Strip on pack - off head , install safety valve . Secure well and location .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Other			0.00	0.00
Water			37.00	-10.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
	J-55	35.716	
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/13/2010

Report #: 5.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 17,373

Cum Cost to Date: 164,443

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 112

Objective

Complete sulphur point as oil well

Operations Summary

Wait on acid pumper

Operations Next Report Period

Squeeze acid away

Road Condition

Good

Weather

Cloudy

Start Date

2/9/2010

End Date

Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Held pre - job safety meeting on boiler lines , continue monitoring pressure on well .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Other			0.00	0.00
Water			37.00	-10.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
	J-55	35.716	
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Paramount
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Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/11/2010

Report #: 3.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 54,211

Cum Cost to Date: 130,074

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete sulphur point as oil well

Operations Summary

Swab down casing to 1200m , perforate sulphur point dolomite . Run into hole selective acid tools

Operations Next Report Period

Finish running into hole selective acid tools

Road Condition Good	Weather cloudy	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Held pre job safety meeting on casing swabbing procedures , un - lock blind rams . Walk around equipment .
07:30	11:00	3.50	4.00	Rig in casing swab equipment and pump line , swab to rig tank . Total swabs pulled 14 , total fluid recovered today
11:00	16:00	5.00	9.00	Held safety meeting with all personal on location , turn off all phones . Run into hole with ERHSC 101.6mm gun , 13 SPM , 90 degree , 25 gram SDP . Log into place @ top shot @ 1427m - 1429m , 1m blank , 3m gun @ 1430m - 1433mKB . Fire gun , casing on slight vacuum . Pull out of hole , cable kinked @ head . Tie new cable head , confirm cable good . Run into hole with ERHSC 101.6mm gun , 13 SPM , 90 degree phasing , 25 gram SDP . Log into place @ 1418m - 1419m , fire gun . Casing on slight vacuum , pull out of hole . Third run , run into hole with ERHSC 101.6mm gun , 13 SPM , 90 degree phasing , 25 gram SDP . Log into place @ 1410.5m - 1412.5m , 1m blank gun , 1413.5m - 1415.5mKB . Fire gun , pull out of hole . Rig down and release Pure Energy E - line truck .
16:00	16:30	0.50	9.50	Make up weatherford selective acid tools on cat walk , pre - heat elements on tool's .
16:30	17:30	1.00	10.50	Run into hole with weatherford selective acid tool , mule shoe , flow nipple , MCL (mechanical collar locator) RPG 3m spacing , DMP , XO 88.9mm X 73mm , R - nipple C / W 57.15mm profile , 1 - pup joint , 57 - joint's 73mm tubing . Held BOP drill , good job done by all services .
17:30	18:00	0.50	11.00	Close and lock pipe rams , drain lines . Secure well and location .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Other			0.00	0.00
Water			37.00	-10.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Paramount
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Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/15/2010

Report #: 7.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 26,994

Cum Cost to Date: 216,666

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete sulphur point as oil well

Operations Summary

Pump mud wash down tubing with rig pump , start mud wash squeeze @ 1433m - 1430m . Squeezed 100L into zone . Continue squeezing away mud wash on remaining perforations .

Operations Next Report Period

Rig up tri can squeeze away acid .

Road Condition Good	Weather Sunny	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Enginer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Held pre - job safety meeting on checking pressures on well head , confirm valves are working properly before taking pressures . Walk around equipment .
07:30	14:30	7.00	7.50	Confirm with tri can high level on truck arrival on location , order another truck for next morning . Confirm with calgary and concord office to pump mud wash with rig pump . Order acid hauler to location .
14:30	15:00	0.50	8.00	Held safety meeting with all personal on location on pumping procedures .
15:00	23:30	8.50	16.50	Lower weatherford selective acid tool's to lower sulphur point 1433m - 1430m , start mud wash . Open circulating port , circulate down tubing 2.5m3 mud wash with 1.8m3 KCL water . Close circulating port , start mud wash squeeze . Pressured up to 7,000 kPa , bleed off to 3,000 kPa in 15 minutes . Continue squeeze for 2.5 hours , total squeezed 100L . Move to next set of perforations @ 1429m - 1427m , squeezed 1m3 mud wash in zone . Move back down to lower perforations and start squeeze , pump 1.4m3 @ 9,000 kPa squeezing 10L - 30L each bump . Move up hole to 1419m - 1418m , lay down 2 - joint's tubing . Spot last 2.5m3 mud wash @ end of pipe , set tool . Start mud wash squeeze , squeezed 600L into 1419m - 1418m let soak , move up to 1415.5m - 1413.5m . Squeezed 60L in 1.5 hours , move tool's back to 1419m - 1418m . Bump up to 10,000 kPa , shut in well . Monitor pressures with night shift .
23:30	00:00	0.50	17.00	Drain pump lines , close and lock pipe rams . Secure well and location .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Other	3.00	3.00	3.00	0.00
Water			49.00	5.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Paramount
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Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/16/2010

Report #: 8.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 33,616

Cum Cost to Date: 250,282

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete sulphur point as oil well

Operations Summary

Pump remaining mud wash in upper sulphur point . Rig up tri can acid pumper , squeeze away acid into sulphur point .

Operations Next Report Period

Swab tubing and evaluate .

Road Condition Good	Weather Sunny	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Held pre - job safety meeting on high pressure pump lines , un - lock pipe rams . Walk around equipment .
07:30	10:00	2.50	3.00	Rig in pump lines and pressure test , SITP @ 0 kPa . Fill tubing 300L , pressured up to 10,000 kPa . continue wash @ 1419m - 1418m , move up hole to 1415.5m - 1413.5m . Move to last perf's @ 1412.5m - 1410.5m , finish mud wash . Rig out pump lines .
10:00	12:00	2.00	5.00	Rig in tri can acid pumper and acid hauler , spot and rig in shower unit . Held safety meeting with all personal on location . Break circulation with acid pumper to vessel . Pressure test all lines .
12:00	14:00	2.00	7.00	Start tubing pickle of 1m3 of 15% HCL , circulate down to tubing end . Stop acid pumper , reverse circulate out acid pickle . Total circulated 15m3 , circulate well clean .
14:00	23:00	9.00	16.00	Start acid squeeze on 1433m - 1430m , pressure up to 9,000 kPa , bleed off to 6,000 kPa . 3 - hours squeezed into perf's 1.05m3 . Move up hole to 1429m - 1427m , squeezed into perf's 1.3m3 15% HCL acid . No break down on zone , leaks off in 7 - 10 minutes 3,000 kPa .
23:00	00:00	1.00	17.00	Reverse circulate 2m3 KCL down casing flush around acid tools . Rig down tri can acid pumper , drain all lines . Close and lock pipe rams .
00:00	01:00	1.00	18.00	Rig in swab equipment , pulled 3 - swabs . Recovered 2.93m3 , PH @ 0 no H2s . Burnable gas on last swab , rig down swab equipment .
01:00	01:30	0.50	18.50	Drain lines , secure well and location .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Other	5.00	2.93	5.93	2.07
Water			49.00	5.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/17/2010

Report #: 9.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 86,082

Cum Cost to Date: 336,364

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 117

Objective

Complete sulphur point as oil well

Operations Summary

Swab dry lower sulphur point , squeeze upper sulphur point . Swab down tubing .

Operations Next Report Period

Swab tubing and evaluate .

Road Condition Good	Weather Sunny	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
08:00	08:30	0.50	0.50	Held pre - job safety meeting on swabbing procedures , good hand signals . Ensure radios are working properly , walk around equipment .
08:30	10:00	1.50	2.00	Check pressures on well , un - lock pipe rams . Rig in concords swab equipment , pulled 4 - swabs recovered .92m3 . Last 2 - swabs dry . Total swabbed out of tubing last 24 hours 3.85m3 . Confirm with calgary , rig down swab equipment .
10:00	11:00	1.00	3.00	Held safety meeting with all personal on location , NEB joined safety meeting .
11:00	12:30	1.50	4.50	Pull and lay down 1 - joint tubing , set selective acid tools to circulate . Rig in tri can acid pumper , pressure test lines . Break circulation down tubing , spot acid at bottom of tubing @ 1420m . Shut in casing and start acid wash @ 200L per wash , monitor pressures . No break down , pull and set weatherford selective acid tools @ 1419m - 1418m .
12:30	19:00	6.50	11.00	Start acid squeeze , pressured up to 8,000 kPa . 10 minutes bleed off to 6,000 kPa . Continue squeezing on zone , pumped 1m3 15 % HCL acid , no break down . Move selective acid tool's up to 1415.5m - 1413.5m , start squeeze . Pressured up to 8,000 kPa , continue squeezing into zone 1.5m3 15 % HCL platinum 5000 tri can blend . No break down on zone . Move selective acid tool's up hole to 1412.5m - 1410.5m , start squeeze . Pressured up to 9,000 kPa , continue squeezing into zone . No break down on zone , reverse circulate down casing to vessel to ensure clean fluid around weatherford selective tools . Rig down and release tri can acid pumper .
19:00	20:00	1.00	12.00	Pull and lay down 2 - joint's tubing , try setting swab packer . No luck , cups holding up action on swab packer . Close and lock pipe rams . Note :: total acid squeezed away into lower and upper sulphur point 7.5m3 15% HCL acid .
20:00	21:30	1.50	13.50	Rig in swab equipment , swab to vessel . First swab tag fluid @ 50m . Recovered .72m3 KCL water , continue swabbing to vessel . Trace of oil on swab # 5 , total swabs pulled 6 . Total fluid recovered 6.34m3 , communication between casing and sulphur point . Shut in master valve .
21:30	22:00	0.50	14.00	Drain lines , secure well and location . Continue monitoring pressures with night shift .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Other	4.00	6.34	12.27	-0.27
Water			49.00	5.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/19/2010	Sulphur Point Limest, Original Hole	1,395.00	1,398.00	
2/19/2010	Sulphur Point Limest, Original Hole	1,400.00	1,401.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
	J-55	35.716	
Surface	J-55	35.716	430.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/17/2010

Report #: 9.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 86,082

Cum Cost to Date: 336,364

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Production	J-55	20.834	1,468.00



Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/18/2010

Report #: 10.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 27,522

Cum Cost to Date: 363,886

API/UW	Surface Legal Location	Field Name	License No.
300H06601011730	300H06601011730	Cameron Hills	2064
Well Configuration Type	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
VERT	758.90	758.40	763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa)	Tubing Pressure (kPa)
		0	132

Objective

Complete sulphur point as oil well

Operations Summary

Swab and evaluate upper sulphur point

Operations Next Report Period

Continue swabbing tubing .

Road Condition	Weather	Start Date	End Date
Good	Cloudy	2/9/2010	

Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Held pre - job safety meeting on swabbing to vessel procedures , watch pinch point's picking up lubricator off ground . Walk around equipment .
07:30	08:30	1.00	1.50	Rig in swab equipment , run into hole tag fluid @ 437m . Recovered .89m3 water , PH 0 , salinity @ 96,000 ppm . Continue swabbing to vessel .
08:30	13:00	4.50	6.00	Total fluid recovered to date 25.45m3 water , trace of oil in last 3 - swabs . PH @ 4 , salinity @ 102,000 ppm , H2S @ 1,000 ppm .
13:00	19:00	6.00	12.00	Continue swabbing to vessel , total swabs today 38 . Total fluid recovered to date 31.55m3 water & 2.16m3 oil .
19:00	19:30	0.50	12.50	Crew change . Held pre - job safety meeting with new night shift , discuss swabbing procedures .
19:30	07:00	11.50	24.00	Continue swabbing to vessel , recovered in last 24 hours 23.85m3 water , 2.99m3 oil . Total to date 33.95m3 water , 3.13m3 oil .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Other			12.27	-0.27
Water			49.00	5.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/19/2010	Sulphur Point Limest, Original Hole	1,395.00	1,398.00	
2/19/2010	Sulphur Point Limest, Original Hole	1,400.00	1,401.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
	J-55	35.716	
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/19/2010

Report #: 11.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 39,305

Cum Cost to Date: 403,191

API/UW	Surface Legal Location	Field Name	License No.
300H06601011730	300H06601011730	Cameron Hills	2064
Well Configuration Type	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
VERT	758.90	758.40	763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa)	Tubing Pressure (kPa)
		0	1,035

Objective

Complete sulphur point as oil well

Operations Summary

Swab tubing , pull out of hole selective acid tool's and lay down onto cat walk . Perforate Sulphur Point Limestone , start running into selective acid tool's .

Operations Next Report Period

Start mud wash with rig pump .

Road Condition	Weather	Start Date	End Date
Good	Sunny	2/9/2010	

Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Crew change , held pre -- job safety meeting on purging lubricator of H2S before changing swab cups . Walk around equipment .
07:30	09:30	2.00	2.50	Run into hole tag fluid @ 1267m , recovered .35m3 50% oil . Continue swabbing to vessel . Note : E - line should be on location @ 15:00 Pm .
09:30	14:00	4.50	7.00	Pulled 7 - swabs , recovered 2.05m3 . 1.21m3 water , .84m3 oil . Shut in tubing , rig down swab equipment .
14:00	15:00	1.00	8.00	Bleed off casing to vessel , rig in pump lines . Pump 1m3 down tubing and 1m3 down casing . Strip off pack off head
15:00	17:30	2.50	10.50	Pull out of hole standing in derrick 73mm tubing , cups on selective acid tools dragged all the way out of hole . Lay down weatherford selective acid tools onto cat walk .
17:30	19:00	1.50	12.00	Wait on Pure Energy E - loine
19:00	19:30	0.50	12.50	Crew change , held pre - job safety meeting on rigging in e - line truck to perforate sulphur point limestone .
19:30	22:30	3.00	15.50	Spot and rig up Pure Energy E - line truck , hold safety meeting with all personal on location . Run into hole with 101.6mm , ERHSC , 60 degree phasing , 17 SPM , log into place @ 1395m - 1398m , 2m blank , 1400m - 1401m . Fire gun , pull out of hole . Monitor pressures for 15 minutes , SICP @ 0 kPa . Rig down and release Pure Energy e - line truck .
22:30	03:30	5.00	20.50	Make up weatherford selective acid tools on cat walk with 3m spacing on cups . Run into hole with selective acid , locate casing collar @ 1295m & 1300m . Confirm depth correction , continue running into hole . Set tubing end @ 1407.03m , DMP @ 1401.63m .
03:30	07:00	3.50	24.00	Set swab packer , continue monitoring pressures with night shift . Crew change

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Other			12.27	-0.27
Water	0.00	0.00	49.00	5.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/19/2010	Sulphur Point Limest, Original Hole	1,395.00	1,398.00	
2/19/2010	Sulphur Point Limest, Original Hole	1,400.00	1,401.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
	J-55		35.716
Surface	J-55		35.716
Production	J-55		20.834
			1,468.00



Paramount
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Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/20/2010

Report #: 12.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 32,050

Cum Cost to Date: 435,241

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa)	Tubing Pressure (kPa)

Objective

Complete sulphur point as oil well

Operations Summary

Mud wash on sulphur point limestone

Operations Next Report Period

Rig in trican , squeeze acid

Road Condition Good	Weather Sunny	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Doug Palmer	780 721 - 4221

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Crew change , held pre - job safety meeting on pumping trican mud wash with rig pump . Walk around equipment .
07:30	08:30	1.00	1.50	Check pressures on well , un - lock pipe rams . Rig in pump lines and pressure test lines . Break circulation down tubing , circulate to vessel . Total fluid pumped 17.62m3 , recovered 1.36m3 .
08:30	12:00	3.50	5.00	Pick up selective acid tool's set @ 1401m - 1400m . Start mud wash squeeze , squeezed .5m3 mud wash in 2 - hours .
12:00	19:00	7.00	12.00	Pick up weatherford selective acid tool's to 1398m - 1395m , start mud wash squeeze . Squeezed away .6m3 , crew change .
19:00	19:30	0.50	12.50	Crew change , continue squeezing into sulphur point limestone . Bump up to 10,000 kPa , bleeds off to 0 kPa . 30 - 50L every bump to 10,000 kPa .
19:30	03:00	7.50	20.00	Continue wash and squeeze into 1398m - 1395m sulphur point limestone , total mud wash into zone 1.5m3 .
03:00	07:00	4.00	24.00	Continue monitoring pressures with night shift , crew change .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil			3.96	-3.96
Other			12.27	-0.27
Water	2.00	1.36	50.36	7.64

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/19/2010	Sulphur Point Limest, Original Hole	1,395.00	1,398.00	
2/19/2010	Sulphur Point Limest, Original Hole	1,400.00	1,401.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
	J-55	35.716	
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/21/2010

Report #: 13.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 61,743

Cum Cost to Date: 496,984

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete sulphur point as oil well

Operations Summary

Squeeze acid into sulphur point limestone , swab back to vessel .

Operations Next Report Period

Continue swabbing to vessel

Road Condition Good	Weather Cloudy / light snow	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Dwayne Palmer	403 357 - 6841

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Crew change , held pre - job safety meeting on pumping procedures on acid . Walk around equipment .
07:30	10:30	3.00	3.50	Continue monitoring pressures on well , spot trican on location .
10:30	12:30	2.00	5.50	Spot and rig in trican acid pumper , held safety meeting with all personal on location . Pressure test lines , break circulation to vessel 6m3 KCL water . Pump 4.5m3 15 % HCL acid , spot @ end of pipe 1402m .
12:30	15:00	2.50	8.00	Shut in casing , close circulating port and pressure test cups in blank casing . Start acid wash .3m3 . Pick up selective acid tool's to 1401m - 1400m , start squeeze . Pressured up to 7,000 kPa , bleed off to 5,000 kPa . Bump up to 9,000 kPa , pressure broke . Pump remaining acid away @ 2,000 kPa @ 50L / min . Move selective acid tools up hole to 1398m - 1395m , start squeeze . Pumping away @ 280 kPa , @ 50L / min , squeezed 3m3 away . Shut down acid pumper , rig down and release acid pumper . Total fluid pumped away 15.26m3
15:00	16:00	1.00	9.00	Pull and lay down 1 - joint tubing and 2 - pup joint's . Land tubing hanger , set swab packer in compression . Rig in swab equipment and vessel line to well head .
16:00	19:00	3.00	12.00	Tag fluid on first swab @ 50m , recovered .89m3 water . Pulled 6 - swabs and take H2S sample , H2S @ 8,000 ppm . Continue swabbing to vessel . Crew change .
19:00	19:30	0.50	12.50	Crew change , held pre - job safety meeting on swabbing in hours of darkness .
19:30	06:00	10.50	23.00	Continue swabbing with night shift , total fluid recovered in last 24 - hours 33.47m3 . Total swabs pulled in last 24 - hours 51 - swabs . New load fluid to recover 61.88 , fluid recovered to date 72.59m3 . 67.72m3 water & 4.87m3 oil .
06:00	07:00	1.00	24.00	Continue swabbing to vessel 1 - hour swabs . Crew change

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil	0.00	0.91	4.87	-4.87
Other	4.50	4.50	20.95	0.00
Water	10.76	32.56	123.17	-5.49

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/19/2010	Sulphur Point Limest, Original Hole	1,395.00	1,398.00	
2/19/2010	Sulphur Point Limest, Original Hole	1,400.00	1,401.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
	J-55	35.716	
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON H-06

Rig:

Business Unit: NE BC & NWT COU

Report Date: 2/22/2010

Report #: 14.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 33,646

Cum Cost to Date: 530,630

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete sulphur point as oil well

Operations Summary

Continue swabbing tubing to evaluate , pull acid tools . Run into hole production , rig down BOP stack .

Operations Next Report Period

Swab down well , rig down and move .

Road Condition Good	Weather Cloudy	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 3843
Consultant	Kim MacLeod	780 542 - 1897
Rig Manager	Dwayne Palmer	403 357 - 6841

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Crew change , held pre - job safety meeting on taking sample off manifold . Walk around equipment .
07:30	15:00	7.50	8.00	Continue swabbing to vessel , confirm with calgary . Shut in well and rig down swab equipment , total fluid recovered 5.72m3 , 2.13m3 oil , 3.59m3 water .
15:00	16:00	1.00	9.00	Rig in pump lines , fill tubing 4.2m3 , 4m3 down casing . Un - set swab packer and open circulating port . Pull and lay down tubing hanger .
16:00	18:00	2.00	11.00	Pull out of hole standing in derrick , lay down selective acid tool's onto cat walk .
18:00	19:00	1.00	12.00	Run into hole with re - entry guide , 1 - joint tubing , Pump seating nipple 57.9mm , 2 - pup joint's .66m & 3.06m C / W collar stop set of recorders pure energy , 6 - joint's tubing , tubing anchor , 45 joint's 73mm tubing . Crew change .
19:00	19:30	0.50	12.50	Crew change , held pre - job safety meeting on tripping tubing into hole .
19:30	21:00	1.50	14.00	Finish running into hole tubing , total joint's in hole 152 . TE @ 1441.47mKB , PSN @ 1431.86mKB , tubing anchor @ 1370.45mKB . Install pup joint below tub , set tubing anchor in 5 daN .
21:00	22:30	1.50	15.50	Rig down tubing equipment and work floor , nipple down class III BOP stack . Set weatherford tubing anchor in 5 daN tension , slight blow on casing . Pump 2m3 water down casing for well control , pull and remove pup joint . Install flowing well head .
22:30	00:00	1.50	17.00	Rig in work floor , rig up swab equipment . Rig in vessel to well head .
00:00	06:30	6.50	23.50	Pulled 14 - swabs recovered 11.35m3 total , 11.24m3 water , .11m3 oil .
06:30	07:00	0.50	24.00	Rig down swab equipment and work floor , crew change

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil	0.00	2.13	7.00	-7.00
Other			20.95	0.00
Water	9.00	3.59	126.76	-0.08

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/19/2010	Sulphur Point Limest, Original Hole	1,395.00	1,398.00	
2/19/2010	Sulphur Point Limest, Original Hole	1,400.00	1,401.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON H-06
Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 2/23/2010

Report #: 15.0

Total AFE Amount:

AFE Number:

Daily Cost Total: 29,592

Cum Cost to Date: 560,222

API/UWI 300H06601011730	Surface Legal Location 300H06601011730	Field Name Cameron Hills	License No. 2064
Well Configuration Type VERT	Casing Flange Elevation (m) 758.90	Ground Elevation (m) 758.40	Original KB Elevation (m) 763.20
Last Casing String Production, 1,468.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 446	Tubing Pressure (kPa) 0

Objective

Complete sulphur point as oil well

Operations Summary

Rig down swab equipment , secure well . Rig down rig and equipment , move to M - 74

Operations Next Report Period

Working on M - 74

Road Condition Good	Weather Cloudy	Start Date 2/9/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
P Engineer Consultant Rig Manager	Dick Heenan Kim MacLeod Dwayne Palmer	403 818 - 3843 780 542 - 1897 403 357 - 6841

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07:00	07:30	0.50	0.50	Crew change , held pre - job safety meeting on rigging down rig over live well . Walk around equipment .
07:30	10:30	3.00	3.50	Rig down rig class III accumulator system , rig , pump , tank , and boiler . Rig down test equipment and 125 Ft flare stack , rig out raims safety equipment and air trailer . Continue monitoring pressures on well .
10:30	11:00	0.50	4.00	Install bull plugs and gauges on well head , chain and lock well head .
11:00	12:30	1.50	5.50	Confirm with calgary stop rig move .
12:30	13:30	1.00	6.50	Spot rig onto rig mats , rig up rig and test vessel . Rig up swab equipment and work floor .
13:30	18:00	4.50	11.00	Swab to vessel , total fluid recovered after running production tubing into hole 19.77m3 (1.99m3 oil , 17.78m3 m3 water) load fluid to recover from running production string 11m3 water . Recovered 6.78m3 above load fluid .
18:00	19:00	1.00	12.00	Rig down swab equipment and rig floor , rig down rig and test vessel . Move rig to Cameron M - 74 , crew change .
19:00	22:00	3.00	15.00	Rig out vessel , continue monitoring pressures on well . Clean out vessel with vacuum truck , wait to lay down flare stack in day light . SITP @ 26 kPa , SICP @ 2101 kPa @ 21:30 Pm

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil	0.00	1.99	8.99	-8.99
Other			20.95	0.00
Water	0.00	17.78	144.54	-17.86

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/19/2010	Sulphur Point Limest, Original Hole	1,395.00	1,398.00	
2/19/2010	Sulphur Point Limest, Original Hole	1,400.00	1,401.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,410.50	1,412.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,413.50	1,415.50	
2/11/2010	Upper Sulphur Point, Original Hole	1,418.00	1,419.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,427.00	1,429.00	
2/11/2010	Upper Sulphur Point, Original Hole	1,430.00	1,433.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	430.00
Production	J-55	20.834	1,468.00



A CWS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 1	Client Paramount Resources Ltd.	Date 09-Feb-2010	Report No: CWS-041-60-3-79	PO# Accl. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron H-06	Prov: NT	MVVO#: AFE#: Cameron	
Well Depth 139.7	Csg Size 139.7	Lease Conditions Good	Lease Temperature -12	CC: Approver:
WellHead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press Casing Press	n/a kPa Dead kPa2	Charge Code 03

From	To	Time	Details Of Operation
09:30	10:30	1.00	Move rig and equipment to the above location.
10:30	12:00	1.50	Assist trucks to spot 400 bbl tank, boiler, class 3, fuel skid, enviro bin, test vessel, and rig mats.
12:00	13:30	1.50	Spot rig and equipment to company and government regulations. Raise derrick and level over hole. Rig in and secure out riggers. Function test crown saver, E-kills, and air horn. (Good) Fill and fire boiler, heat kill fluid and wellhead.
13:30	14:30	1.00	Rig in class accumulator lines and class 3 system. Stump test BOPs to 2000 and 21000 kPa for 10 min ea. (Good)
14:30	15:30	1.00	Install BOP stack. Pressure test BOPs to 2000 kPa and 21000 kPa for 10 min ea. (Good) Rig in work floor, power tongs and air slips.
15:30	18:00	2.50	Assist picker to spot catwalk, pipe racks, and tbq.
18:00	19:30	1.50	Tally, drift, and RIH w/csg scraper and 67 jts 73mm tbq. Pull on jt of tbq to drop fluid level. (Rig in to suck back on the csg after running 19 jts of tbq)
19:30	20:00	0.50	Shut and secure well. Drain and winterize pump and lines. Clean tools and location.

SDFN.

Safety / BOP

Meeting Details:

Rig move.
Spot rig and equipment.
Rig up rig and equipment.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to Pump/Jack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☒ Blind Function Tested
- ☒ Annular Function Tested
- ☐ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☒ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/4/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: 14500 kPa
Final Accum. Pressure: 11200 kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres: 2000 kPa 10 min
High Pres: 21000 kPa 10 min
Annular Tested
Low Pres: 2000 kPa 10 min
High Pres: 10000 kPa 10 min
Blindrams Tested
Low Pres: 2000 kPa 10 min
High Pres: 21000 kPa 10 min
Safety Valve Tested
Low Pres: 2000 kPa 10 min
High Pres: 21000 kPa 10 min
Pump Manifold Valves Tested
Low Pres: 2000 kPa 10 min
High Pres: 21000 kPa 10 min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	10.5	\$615.00	\$6,457.50
Rig O/T After 8 Hrs(NWT)	Hour	5	\$210.00	\$1,050.00
Rig Manager (110Km Min)	Km	1285	\$1.05	\$1,349.25
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00

Basic Well Costs Total: \$10,572.25

Expendables Costs

Description	Qty	Rate	Total

Expendable Cost Total: \$0.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00

Third Party Cost: \$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Truck Km for Shop	490		Kristopher	McDonald		
Rig Manager-NWT #	1285		Dwayne	Palmer	10.5	
Driller-NWT #1	110		Glen	Woodworth	10.5	
Derrickhand-NWT #			Kristopher	McDonald	10.5	
Floorhand-NWT #1			Landon	Graham	10.5	
Floorhand-NWT #1			Christopher	Wilson	10.5	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Hauled in 162 jts of 73mm tbq.

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$10,572.25
Expendables Cost Total : \$0.00
Third Party Cost Total : \$192.00
Subtotal: \$10,764.25

OC Initial GST(865-985469 RT003) : \$538.21
juttle Estimated Total: \$11,302.46

Rig Time: 10.5 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature: _____
Operator's Representative: _____



A CWS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 2	Client Paramount Resources Ltd.	Date 10-Feb-2010	Report No: CWS-041-60-3-80	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Paramount et al Cameron	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -12	CC: Approver:
WellHead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press Casing Press	Dead kPa Dead kPa2	Charge Code 03

From	To	Time	Details Of Operation
06:00	07:00	1.00	Rig mgr relieves boilerhand.
07:00	07:30	0.50	Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Hold pre-job safety meeting. Function test crown saver, E-kill, and air horns. Remove night caps and prepare to trip tbg.
07:30	09:30	2.00	Rig in rig pump to suck back on csg. Continue RIH off the catwalk with csg scrapper, tag plug back @ 1454.64 mKb.
09:30	10:30	1.00	Rig into reverse circulate to ensure well is clean. Reverse circulate 25 m3 of 3% KCL.
10:30	12:30	2.00	Pull and lay down 5 joints of tbg. POOH and stand tbg. Break and lay down BHA.
12:30	16:30	4.00	Assist wireline to spot & rig in. RIH w/ bond log tools and log well. Rig out wireline.
16:30	20:00	3.50	Rig in to csg swab. Pull 14 swabs to recover 9.51 m3 of KCL. Pull and lay down swab equipment.
20:00	20:30	0.50	Shut and secure well. Drain and winterize pump and lines. Clean tools and location.

SDFN.

Safety / BOP

Meeting Details:

RIH from Catwalk.
POOH to tbg boards.
Wireline operations.

- ☒ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to PumpJack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☒ Blind Function Tested
- ☐ Annular Function Tested
- ☒ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☒ Accumulator pre-charge checked

Well Secure Time 55 sec
SCBA Drill Date: 2/4/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: 14500 kPa
Final Accum. Pressure: 11200 kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	13.5	\$615.00	\$8,302.50
Rig O/T After 8 Hrs(NWT)	Hour	5.5	\$210.00	\$1,155.00
Rig Manager (110Km Min)	Km	1285	\$1.05	\$1,349.25
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Travel Allowance (After 1 hour)	Man hr	52	\$17.00	\$884.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00

Basic Well Costs Total: \$13,406.25

Expendables Costs

Description	Qty	Rate	Total
Saver Rubber	2	\$16.00	\$32.00
140mm Csg Cup	6	\$20.00	\$120.00

Expendable Cost Total: \$152.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00

Third Party Cost: \$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	13		Dwayne	Palmer		
Rig Manager-NWT #	1285	13	Doug	Palmer	14.5	
Driller-NWT #1	110		Glen	Woodworth	13.5	
Demickhand-NWT #		13	Kristopher	McDonald		
Demickhand-NWT #		13	John	O'Reilly	13.5	
Floorhand-NWT #1			Landon	Graham	13.5	
Floorhand-NWT #1			Christopher	Wilson	13.5	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$13,406.25
Expendables Cost Total : \$152.00
Third Party Cost Total : \$192.00
Subtotal: \$13,750.25

OC Initial GST(865-985469 RT003) : \$687.51
Estimated Total: \$14,437.76

Rig Time: 13.5 Stand By Time:0 Repair Time: 0

Signatures

Rig Manager's Signature: _____
Operator's Representative: _____



A CWS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 3	Client Paramount Resources Ltd.	Date 11-Feb-2010	Report No: CWS-041-60-3-81	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron H-06	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -17	CC: Approver:
Wellhead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press Casing Press	N/A Vac	kPa kPa2
				Charge Code 03

From	To	Time	Details Of Operation
06:00	07:00	1.00	Rig Mgr relieves Boilerhand.
07:00	07:30	0.50	Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Hold pre-job safety meeting. Function test crown saver, E-kill, and air horns.
07:30	11:00	3.50	Rig into csg swab. Pull 8 swabs & recover 6.13 m3. Recovered a total of 15.64 m3. Rig out swab equipment.
11:00	16:00	5.00	Rig in wire. Hold prejob safety meeting. RIH w/ perf guns. Perforate Lower Sulphur Point Dolomite @ 1427 - 1429 mKb & 1430 - 1433 mKb. Perforate Upper Sulphur Point Dolomite @ 1410 - 1412 mKb, 1413-1415 mKb & 1418 - 1419 mKb. Rig out wireline.
16:00	17:30	1.50	Drift, tally & assemble BHA. Begin RIH w/ Selective acid tools. RIH w/ 57 joints., hold BOP drill. Review drill with all personnel on location.
17:30	18:00	0.50	Shut and secure well. Drain and winterize pump and lines. Clean tools and location.

SDFN.

Safety / BOP

Meeting Details:

Csg swabbing non perforated hole.
Wireline operations.
RIH w/ Selective acid tools.

- ☒ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to Pump/Jack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☒ Blind Function Tested
- ☐ Annular Function Tested
- ☒ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☒ Accumulator pre-charge checked

Well Secure Time 90 sec
SCBA Drill Date: 2/4/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: 14500 kPa
Final Accum. Pressure: 11200 kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	11	\$615.00	\$6,765.00
Rig O/T After 8 Hrs(NWT)	Hour	3	\$210.00	\$630.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00

Basic Well Costs Total: \$9,226.00

Expendables Costs

Description	Qty	Rate	Total
Saver Rubber	2	\$16.00	\$32.00
140mm Csg Cup	5	\$20.00	\$100.00

Expendable Cost Total: \$132.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00

Third Party Cost: \$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Doug	Palmer	12	
Driller-NWT #1	110		Glen	Woodworth	11	
Derrickhand-NWT #			John	O'Reilly	11	
Floorhand-NWT #1			Landon	Graham	11	
Floorhand-NWT #1			Christopher	Wilson	11	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$9,226.00
Expendables Cost Total : \$132.00
Third Party Cost Total : \$192.00
Subtotal: \$9,550.00

OC Initial GST(865-985469 RT003) : \$477.50
Estimated Total: \$10,027.50

Rig Time: 11 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 4	Client Paramount Resources Ltd.	Date 12-Feb-2010	Report No: CWS-041-60-3-82	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron H-06	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -17	CC: Approver:
WellHead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press 16 kPa Casing Press 16 kPa2	Charge Code 03	

From	To	Time	Details Of Operation
06:00	07:00	1.00	Rig Mgr relieves boilerhand.
07:00	07:30	0.50	Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Hold pre-job safety meeting. Function test crown saver, E-kill, and air horns.
07:30	09:00	1.50	Continue RIH w/ Selective acid tools. Confirm tbq depth @ 1401.2 mKb with MCL. Set RGP with 4 DaN on it, install tbq work valve.
09:00	11:30	2.50	Monitor csg & tbq pressures. Wait on orders. Rig into swab. Pull 2 dry swabs. Rig out swab equipment.
11:30	12:30	1.00	Make sure well is dead. Unset RGP and hoist tbq string. Strip on pack-off head. Lower tbq string and set RGP @ 1397 mKb. Shut and secure well.
12:30	17:00	4.50	Waiting on acid for 2/13/2010. Boiler operations. Service and fuel equipment. Clean tools and location.

SDFN.

Safety / BOP

Meeting Details:

RIH w/ tbq and selective acid tools.
Swabbing sour well.
Installing Pack-off head.

- ☒ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to Pump/Jack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☒ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☒ Accumulator pre-charge checked

Well Secure Time 80 sec
SCBA Drill Date: 2/4/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: 14500 kPa
Final Accum. Pressure: 11200 kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	10	\$615.00	\$6,150.00
Rig O/T After 8 Hrs(NWT)	Hour	2	\$210.00	\$420.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Basic Well Costs Total:				\$8,401.00

Expendables Costs

Description	Qty	Rate	Total
Saver Rubber	2	\$16.00	\$32.00
73mm Swap Cup	1	\$35.00	\$35.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00
Third Party Cost:				\$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Doug	Palmer	11	
Driller-NWT #1	110		Glen	Woodworth	10	
Derrickhand-NWT #			John	O'Reilly	10	
Floorhand-NWT #1			Landon	Graham	10	
Floorhand-NWT #1			Christopher	Wilson	10	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$8,401.00
Expendables Cost Total : \$67.00
Third Party Cost Total : \$192.00
Subtotal: \$8,660.00

OC Initial GST(865-985469 RT003) : \$433.00
cpatience Estimated Total: \$9,093.00

Rig Time: 10 Stand By Time:0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 5	Client Paramount Resources Ltd.	Date 13-Feb-2010	Report No: CWS-041-60-3-83	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron H-06	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -5	CC: Approver:
WellHead Connection 73 mm 21 MPa		GPS: H2S	Tubing Press 55 kPa Casing Press 2 kPa2	Charge Code 03

From	To	Time	Details Of Operation
07:00	17:00	10:00	Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Hold pre-job safety meeting. Wait on acid job.

Safety / BOP

Meeting Details:

Emergency Response:

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to Pump/Jack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☐ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☐ Ram Saver Function Tested
- ☐ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/13/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	10	\$615.00	\$6,150.00
Rig O/T After 8 Hrs(NWT)	Hour	2	\$210.00	\$420.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00

Basic Well Costs Total: \$8,401.00

Expendables Costs

Description	Qty	Rate	Total

Expendable Cost Total: \$0.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00

Third Party Cost: \$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Doug	Palmer	10	
Driller-NWT #1	110		Glen	Woodworth	10	
Derrickhand-NWT #:			John	O'Reilly	10	
Floorhand-NWT #1			Landon	Graham	10	
Floorhand-NWT #1			Christopher	Wilson	10	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$8,401.00
Expendables Cost Total : \$0.00
Third Party Cost Total : \$192.00
Subtotal: \$8,593.00

OC Initial GST(865-985469 RT003) : \$429.65
cpatience Estimated Total: \$9,022.65

Rig Time: 10 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 6	Client Paramount Resources Ltd.	Date 14-Feb-2010	Report No: CWS-041-60-3-84	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Paramount et al Cameron	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -10	CC: Approver:
Wellhead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press 112 kPa Casing Press 0 kPa2	Charge Code 03	

From	To	Time	Details Of Operation
06:00	07:00	1.00	Rig mgr relieves boilerhand.
07:00	07:30	0.50	Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Hold pre-job safety meeting.
07:30	17:30	10.00	Rig in Acid unit. Hold pre-job safety meeting. Rig into forward circulate well. Acid unit has mechanical problems. Rig in rig pump to forward circulate. Forward circulate 15.5 m3, break circulation to test vessel, trace oil return. Return 2 m3 to test vessel for a total of 17.5 m3 circulated. Locate Csg collar @ 1401.2 mKb. RIH w/ 4 joints and position tbg for bottom interval. Acid unit is working. Begin acid stimulation. Acid unit breaks down. Rig out Acid unit. Position selective tools @ 1401.2 mKb. Reverse circulate 5 m3 to clean mudwash out of tbg.
17:30	18:00	0.50	Shut and secure well. Drain and winterize pump and lines. Clean tools and location.

SDFN.

Safety / BOP

Meeting Details:

Acid job.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to Pump/Jack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☒ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☒ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/13/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: 14500 kPa
Final Accum. Pressure: 11200 kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	11	\$615.00	\$6,765.00
Rig O/T After 8 Hrs(NWT)	Hour	3	\$210.00	\$630.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Pack-off Head	Day	1	\$125.00	\$125.00
Basic Well Costs Total:				\$9,351.00

Expendables Costs

Description	Qty	Rate	Total
Pack-off Rubber	1	\$100.00	\$100.00
Expendable Cost Total:			\$100.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00
Third Party Cost:				\$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Doug	Palmer	12	
Driller-NWT #1	110		Glen	Woodworth	11	
Demickhand-NWT #			John	O'Reilly	11	
Floorhand-NWT #1			Landon	Graham	11	
Floorhand-NWT #1			Christopher	Wilson	11	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$9,351.00
Expendables Cost Total : \$100.00
Third Party Cost Total : \$192.00
Subtotal: \$9,643.00

OC Initial GST(865-985469 RT003) : \$482.15
cpatience Estimated Total: \$10,125.15

Rig Time: 11 Stand By Time:0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 7	Client Paramount Resources Ltd.	Date 15-Feb-2010	Report No: CWS-041-60-3-85	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron H-06	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -4	CC: Approver:
WellHead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press Casing Press	Vac Vac	kPa kPa2
				Charge Code 03

From	To	Time	Details Of Operation
06:00	07:00	1.00	Rig mgr relieves boilerhand.
00:00	00:00	0.00	
00:00	00:00	0.00	
07:00	07:30	0.50	Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Hold pre-job safety meeting.
07:30	13:30	6.00	Wait on Trican acid pumper. Tican pumper not repaired, Contact office and get approve to pump Mud Wash with Rig Pump. Wait on tank truck.
13:30	23:30	10.00	Assist tank truck to spot and rig in. Hold pre-job safety meeting. RIH and set tbg below perforations. Rig into forward circulation. Pump .75 m3 to break circulation. Circulate 1 m3 to ensure good circulate. Pump 2.5 m3 of mud wash down tbg off tank truck. Displace 1.8 m3 KCL to spot mud wash. Position tools w/ btm cup @ 1433 mKb. Start squeeze @ 14:40, Pressured to 7 mPa immediately, allow to bleed down to 5 mPa. Squeezing @ 6 - 10 mPa. Squeezed 100 L into perforations. 17:00 Raise tbg to position btm cup @ 1429 mKb. Begin Pumping. Squeeze 1 m3 into perforations @ 6 - 9 mPa. 19:00 RIH to position tool below perforations, Pressure test tool to 5 mPa <Good>. 19:10 Position btm Cup @ 1433 mKb. Begin pumping. Squeeze 1.4 m3 @ 6 - 9 mPa. 20:00 Pull and lay down 2 joints and set tools to circulate. 20:20 Pump 2.5 m3 of mud wash down tbg from tank truck. 20:30 Displace mud wash with 2 m3 KCL. 20:36 Position Btm cup @ 1419 mKb. Begin Pumping. Squeeze .6 m3 @ 6 - 9 mKb. 22:30 Position btm cup @ 1415.5 mKb. Begin pumping. Squeeze .06 m3 @ 7 - 10 mPa. 23:20 Position btm cup @ 1419 mKb. Pressure tbg to 10 mPa.
23:30	23:59	0.50	Shut and secure well. Drain and winterize pump and lines. Clean tools and location.
SDFN.			

Safety / BOP

Meeting Details:

Pumping Mudwash.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to PumpJack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☒ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/13/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	15.5	\$615.00	\$9,532.50
Rig O/T After 8 Hrs(NWT)	Hour	7.5	\$210.00	\$1,575.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Extra Labour O/T	Hour	3	\$85.00	\$255.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Pack-off Head	Day	1	\$125.00	\$125.00
Basic Well Costs Total:				\$13,318.50

Expendables Costs

Description	Qty	Rate	Total
Expendable Cost Total:			\$0.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00
Third Party Cost:				\$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Doug	Palmer	18	
Driller-NWT #1	110		Glen	Woodworth	14.5	
Derrickhand-NWT #			John	O'Reilly	14.5	
Floorhand-NWT #1			Landon	Graham	17	
Floorhand-NWT #1			Christopher	Wilson	14.5	
Boilerhand-NWT #1	110		David	Brandle	12	

Totals

Basic Well Cost Total : \$13,318.50
Expendables Cost Total : \$0.00
Third Party Cost Total : \$192.00
Subtotal: \$13,510.50

OC Initial GST(865-985469 RT003) : \$675.53
jtuttle Estimated Total: \$14,186.03

Rig Time: 15.5 Stand By Time:0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 8	Client Paramount Resources Ltd.	Date 16-Feb-2010	Report No: CWS-041-60-3-86	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron H-06	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -18	CC: Approver:
WellHead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press Casing Press	Vac Vac	kPa kPa2 Charge Code 03

From	To	Time	Details Of Operation
06:00	07:00	1.00	Rig Mgr reliefs boilerhand. Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Build and wet rig pump. Rig into forward circulate. Begin pumping down tbq, pressure to 9 mPa immediately.
07:00	07:30	0.50	Hold pre-job safety meeting.
07:30	10:30	3.00	Resume squeezing mud wash. Squeeze .4 m3 into 1419 mKb perforations @ 9 - 6 mPa. Monitor bleed down. Total of 1 m3 of Mud Wash pumped into zone. 07:30 Position btm cup @ 1415.5 mKb. Squeeze .1 m of Mud Wash into zone @ 10 - 7 mPa. Monitor bleed down. Total .16 m3 of Mud Wash pumped into the zone. 08:00 Position btm cup @ 1412.5 mKb. Squeeze .25 m3 of Mud Wash into zone @ 10 - 7 mPa. Monitor bleed down. 09:30 Position cups on blank csg and pressure test cups to 5 mPa. <Good>. Position tools below perforations and set to circulate. Rig in Trican to circulate for acid job.
10:30	11:00	0.50	Hold pre-job safety meeting w/ all personnel on location.
11:00	23:59	13.00	Supply clean KCL to acid unit. Begin acid job. 11:45 Begin pickle. 13:30 Begin squeeze @ 1430 - 1433 mKb. 1.05 m3 squeezed. 17: 55 Move to 1427 - 1429 mKb & begin squeeze. 1.4 m3 squeezed. 21:30 Move back to 1430 - 1433 mKb & resume squeeze. 1.07 m3 squeezed. Total of 2.13 m3 Squeezed into formation. 23:00 Position packer and set tools for circ. Back wash 2 m3. Rig out acid pumper. Position RGP @ 1422.9 mKb, set packer and close DMP valve.

Safety / BOP

Meeting Details:

Acid Job.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to PumpJack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☒ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☒ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/13/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: 14500 kPa
Final Accum. Pressure: kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	17	\$615.00	\$10,455.00
Rig O/T After 8 Hrs(NWT)	Hour	9	\$210.00	\$1,890.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Pack-off Head	Day	1	\$125.00	\$125.00

Basic Well Costs Total: \$14,301.00

Expendables Costs

Description	Qty	Rate	Total

Expendable Cost Total: \$0.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00

Third Party Cost: \$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Doug	Palmer	18	
Driller-NWT #1	110		Glen	Woodworth	17	
Demickhand-NWT #			John	O'Reilly	17	
Floorhand-NWT #1			Landon	Graham	17	
Floorhand-NWT #1			Christopher	Wilson	17	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$14,301.00
Expendables Cost Total : \$0.00
Third Party Cost Total : \$192.00
Subtotal: \$14,493.00

OC Initial GST(865-985469 RT003) : \$724.65
cpatience Estimated Total: \$15,217.65

Rig Time: 17 Stand By Time:0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 9	Client Paramount Resources Ltd.	Date 17-Feb-2010	Report No: CWS-041-60-3-87	PO# Acct. No.
Operator Rep. Kim MacLeod		Well Name Paramount et al Cameron		Prov: NT
Well Depth 1451		Csg Size 139.7	Lease Conditions Good	
Wellhead Connection 73 mm 21 MPa		GPS: H2S	Tubing Press 117 kPa	Casing Press 117 kPa
			Lease Temperature -8	CC: Approver: 03

From	To	Time	Details Of Operation
00:00	01:00	1.00	Rig into swab to test vessel. Pull 3 swabs to recover 2.93 m3. Trace of burnable gas. Rig out lubricator.
01:00	01:30	0.50	Shut and secure well. Drain and winterize pump and lines. Clean tools and location.
SDFN.			
06:00	08:00	2.00	Rig Mgr relieves boiler hand.
08:00	08:30	0.50	Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Hold pre-job safety meeting.
08:30	09:30	1.00	Rig into swab sour well. Pull 2 swabs & recover .92 m3, then pull 2 dry swabs. Rig out swab equipment. Recovered 3.85 m3 total from Lower Sulphur Point Dolomite zone.
09:30	10:00	0.50	Rig into fill and pressure test csg. Pump .2 m3 to fill and pressure to 2 mPa. Packer appears to be holding. Rig into fill tbg. Pump 4 m3 to fill tbg and pressure to 2 mPa.
10:00	10:30	0.50	Hold pre-job safety meeting w/ all personnel on location.
10:30	19:00	8.50	Open DMP valve and unnet RGP packer. Pull and lay down 1 joint. Rig in Trican acid unit. Supply Trican w/ KCL. Trican: Break circulate and circulate 2 m3. Shut in and pressure test lines. Begin acid stimulation. Spot acid in tbg. Perform washes. Position btm cup @ 1419 mKb. Squeeze 1 m3 of acid into perforations. 14:00 Position btm cup @ 1416.37 mKb. Begin squeeze. Squeezed 1.5 m3 of acid into perforations. 16:30 Position btm cup @ 1412.87 mKb. Begin squeeze. Squeezed 1.5 m3 of acid into perforations. 18:30 Set RGP packer and open DMP valve. Backwash 1.4 m3 KCL. Rig out Tric acid unit.
19:00	20:00	1.00	Work tbg string and attempt to set packer and isolate annular. Rig in and pressure test csg. No test. Continue to work tbg string and try to set packer. Pressure test csg. No test. Position tbg end @ 1402.65 mKb.
20:00	22:00	2.00	Rig in to swab tbg to testers. Pull 6 swabs w/6.34 m3 recovered. Rig out swab equipment. Shut and secure well. Drain and winterize pump and lines. Clean tools and location.
SDFN.			

Safety / BOP

Meeting Details:

Swabbing sour well.
Selective acid job.
Swabbing sour well.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to Pump/Jack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☒ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: **2/13/2010**
Number of SCBA's **2**
Number of Fire Ext **4**
Pump Relief Valve set @ **21000** kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size: **73**
Piperams Tested
Low Pres: kPa min
High Pres: kPa min
Annular Tested
Low Pres: kPa min
High Pres: kPa min
Blindrams Tested
Low Pres: kPa min
High Pres: kPa min
Safety Valve Tested
Low Pres: kPa min
High Pres: kPa min
Pump Manifold Valves Tested
Low Pres: kPa min
High Pres: kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	15.5	\$615.00	\$9,532.50
Rig O/T After 8 Hrs(NWT)	Hour	7.5	\$210.00	\$1,575.00
Rig Manager (110Km Min)	Km	2570	\$1.05	\$2,698.50
Crew Vehicle (110 Km Min)	Km	110	\$1.05	\$115.50
Travel Allowance	Hour	52	\$17.00	\$884.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Pack-off Head	Day	1	\$125.00	\$125.00

Basic Well Costs Total: \$16,530.50

Expendables Costs

Description	Qty	Rate	Total
Saver Rubber	2	\$16.00	\$32.00
73mm Swap Cup	2	\$35.00	\$70.00

Expendable Cost Total: \$102.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	1	\$42.00	\$42.00

Third Party Cost: \$192.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	1285	13	Doug	Palmer	14.5	
Rig Manager-NWT #	1285	13	Dwayne	Palmer	3	
Driller-NWT #1	110		Glen	Woodworth	15.5	
Demickhand-NWT #			John	O'Reilly	15.5	
Floorhand-NWT #1			Landon	Graham	15.5	
Floorhand-NWT #1		13	Christopher	Wilson	12.5	
Floorhand-NWT #1		13	Jordan	Brann	3	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$16,530.50

Expendables Cost Total : \$102.00

Third Party Cost Total : \$192.00

Subtotal: \$16,824.50

OC Initial GST(865-985469 RT003) : \$841.23

Estimated Total: \$17,665.73

Rig Time: 15.5 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature: _____

Operator's Representative: _____



A CWS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 10	Client Paramount Resources Ltd.	Date 18-Feb-2010	Report No: CWS-041-60-3-88	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron H-06	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -15	CC: Approver:
Wellhead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press Casing Press	kPa kPa2	Charge Code 03

From	To	Time	Details Of Operation
06:00	07:00	1.00	Rig mgr relieves boilerhand.
07:00	07:30	0.50	Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service and start equipment. Hold pre-job safety meeting. Function test crown saver, air horn, and E-kills. (Good) Prepare to swab tbq to testers.
07:30	19:00	11.50	Pull 38 swabs w/23.58 m3 recovered. Service equipment. Complete crew change.
19:00	23:59	5.00	Hold pre-job safety meeting, complete site orientation w/all night shift personnel. Continue to swab well. (hourly swabs) Pull 5 swabs w/1.07m3 recovered.

Safety / BOP

Meeting Details:

Swabbing sour well to testers.
Change to 24 hr operations.
Complete site orientation w/night shift personnel.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ Kill Line Connected/Secured
- ☐ Power to PumpJack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☐ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☐ Ram Saver Function Tested
- ☐ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/13/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	17	\$615.00	\$10,455.00
Rig O/T After 8 Hrs(NWT)	Hour	4	\$210.00	\$840.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	860	\$1.05	\$903.00
Travel Allowance (After 1 hour)	Man hr	32	\$17.00	\$544.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Inhibitor Injector	Day	1	\$100.00	\$100.00

Basic Well Costs Total: \$14,557.50

Expendables Costs

Description	Qty	Rate	Total
Sandline Inhibitor(lit)	12	\$15.00	\$180.00
Saver Rubber	4	\$16.00	\$64.00
73mm Swap Cup	17	\$35.00	\$595.00

Expendable Cost Total: \$839.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	8	\$7.00	\$56.00

Third Party Cost: \$206.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Dwayne	Palmer	18	
Driller-NWT #1	110		Glen	Woodworth	12	
Driller-NWT #1	750	8	Kevin	Wheeler	12	
Derrickhand-NWT #			John	O'Reilly	12	
Derrickhand-NWT #	8		Jeff	Klein	12	
Floorhand-NWT #1			Jordan	Brann	12	
Floorhand-NWT #1			Landon	Graham	12	
Floorhand-NWT #1	8		Jon	Magwood	12	
Floorhand-NWT #1	8		Scott	Gregory	12	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$14,557.50

Expendables Cost Total : \$839.00

Third Party Cost Total : \$206.00

Subtotal: \$15,602.50

OC Initial GST(865-985469 RT003) : \$780.13

cpatience Estimated Total: \$16,382.63

Rig Time: 17 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CWS Company
Concord Well Servicing
3606 Highway St. Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 11	Client Paramount Resources Ltd.	Date 19-Feb-2010	Report No.: CWS-041-60-3-89	PO# Acct. No.
Operator Rep. Kim MacLeod		Well Name Paramount et al Cameron		Prov: NT
Well Depth 1451		Csg Size 139.7	Lease Conditions Good	
WellHead Connection 73 mm 21 MPa		GPS: H2S	Tubing Press 1027	Dead kPa 1027
			Casing Press 1027	Charge Code 03

From	To	Time	Details Of Operation
00:00	07:00	7.00	Continue pulling 1 swab every hour. Pull 6 swabs w/ 2.18m3 recovered.
07:00	07:30	0.50	Crew change. Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service equipment. Hold pre-job safety meeting. Function test crown saver, air horn, and E-kills. (Good) Continue to swab tbq to testers.
07:30	14:30	7.00	Continue to pull 1 swab every hour on the hour. Pull 7 swabs w/ 2.05 m3 recovered. Rig out swab equipment.
14:30	15:00	0.50	Rig in and bleed off csg to testers. Rig in and pump 1.0 m3 down tbq. and 1.0 m3 down csg. Well dead.
15:00	17:30	2.50	POOH w/73mm tbq and selective acid tools. Lay out and inspect tools. Cups are badly torn. Note: 4000 - 6000 Dan drag when pulling tools to surface.
17:30	19:00	1.50	Wait on wireline unit.
19:00	20:00	1.00	Hold pre-job safety meeting. review job scope w/all night shift personnel. Wait on wireline unit.
20:00	22:30	2.50	Spot Pure Energy wireline unit. Hold tailgate meeting. Rig in weatherford. Hold pre-job safety meeting w/all personnel on location. Ensure all phones, two way radios, and pagers are turned off. RIH and perforate the Sulphur point limestone 1395.0 - 1398.0 mKB and 1400.0 - 1401.0 mKB intervals. Rig out wireline unit. Read and record build ups. Well Dead.
22:30	23:59	1.50	Assemble and RIH w/selective acid tools and 100 jts of 73mm tbq.

Safety / BOP

Meeting Details:

Swabbing sour well to testers.
Well killing operations.
Tripping tbq. Wireline operations.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☐ Escape Buggy Installed
- ☐ KillLine Connected/Secured
- ☐ Power to PumpJack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☒ Blind Function Tested
- ☐ Annular Function Tested
- ☐ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time **44** sec
SCBA Drill Date: **2/19/2010**
Number of SCBA's **2**
Number of Fire Ext **4**
Pump Relief Valve set @ **21000** kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size: **73**
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	24	\$615.00	\$14,760.00
Rig O/T After 8 Hrs(NWT)	Hour	8	\$210.00	\$1,680.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	220	\$1.05	\$231.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Inhibitor Injector	Day	1	\$100.00	\$100.00
Basic Well Costs Total:				\$18,486.50

Expendables Costs

Description	Qty	Rate	Total
Sandline Inhibitor(lit)	6	\$15.00	\$90.00
Saver Rubber	2	\$16.00	\$32.00
73mm Swap Cup	6	\$35.00	\$210.00
Expendable Cost Total:			\$332.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	8	\$7.00	\$56.00
Third Party Cost:				\$206.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Dwayne	Palmer	20	
Driller-NWT #1	110		Glen	Woodworth	12	
Driller-NWT #1	110		Kevin	Wheeler	12	
Derrickhand-NWT #			John	O'Reilly	12	
Derrickhand-NWT #			Jeff	Klein	12	
Floorhand-NWT #1			Jordan	Brann	12	
Floorhand-NWT #1			Landon	Graham	12	
Floorhand-NWT #1			Jon	Magwood	12	
Floorhand-NWT #1			Scott	Gregory	12	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : **\$18,486.50**
Expendables Cost Total : **\$332.00**
Third Party Cost Total : **\$206.00**
Subtotal: **\$19,024.50**
OC Initial GST(865-985469 RT003) : **\$951.23**
cpatience **Estimated Total: \$19,975.73**

Rig Time: 24 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A **CSS** Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 12	Client Paramount Resources Ltd.	Date 20-Feb-2010	Report No: CWS-041-60-3-90	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Paramount et al Cameron	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -8	CC: Approver:
Wellhead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press 200 kPa	Casing Press Dead kPa2	Charge Code 03

From	To	Time	Details Of Operation
00:00	03:00	3.00	Continue to RIH w/selective acid tools. Locate marker jt and space out. strip on pack-off head and rig in tbg swivel. Work tbg string and set RGP single grip packer. (CE @ 1402.18 mkb) Close DMP circulating valve. Tbg end is @ 1408.18 mKB.
03:00	07:00	4.00	Read and record pressures. Wait on C & A unit.
07:00	07:30	0.50	Crew change. Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service equipment. Hold pre-job safety meeting. Function test crown saver, air horn, and E-kills. (Good)
07:30	12:00	4.50	Rig in and pump 3.9 m3 of 3% KCL down tbg. Rig in and pump 8.5 m3 of 3% KCL down csg. Rig and break circulation to testers. Pump 2.5 m3 of 3% KCL w/1.36 m3 returned to the vessel. Take on and pump 2.0 m3 of Trican mud wash. Follow w/2.25 m3 of 3% KCL. (1.1 m3 from 400 bbl and 1.15 m3 from the Rig tank) Rotate tbg and close DMP circulating valve. Shut in Annular and monitor pressures. Hoist tbg 5.4m and straddle 1400.0 - 1401.0 mKB perforations. Pump 0.28 m3 and tbg pressures up to 10,000 kPa. Allow mud wash to soak for 2 hrs, continue pumping up to 7,000 kPa each time tbg bleeds down to 0 kPa. (Total squeezed into perforations is 0.5 m3)
12:00	19:00	7.00	Hoist tbg and straddle 1395.0 - 1398.0 mKB perforations. Pump 0.02 m3 and tbg pressures up to 10,000 kPa. Allow mud wash to soak for 2 hrs, continue pumping up to 7,000 kPa each time tbg bleeds down to 0 kPa. (Total squeezed into perforations is 0.6 m3)
19:00	23:59	5.00	Hold pre-job safety meeting, review job scope w/all night shift personnel. Continue pumping up to 10,000 kPa each time tbg bleeds down to 0 kPa. (Total squeezed into perforations is 0.24 m3)

Safety / BOP

Meeting Details:

Tripping tbg. Set packer for selective acid job.
Pressure test tool-ends in csg blank.
Complete mud wash.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to Pump/Jack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☐ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/20/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size: 73
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	24	\$615.00	\$14,760.00
Rig O/T After 8 Hrs(NWT)	Hour	8	\$210.00	\$1,680.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	220	\$1.05	\$231.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Pack-off Head	Day	1	\$125.00	\$125.00

Basic Well Costs Total: \$18,511.50

Expendables Costs

Description	Qty	Rate	Total
Pack-off Rubber	1	\$100.00	\$100.00

Expendable Cost Total: \$100.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	8	\$7.00	\$56.00

Third Party Cost: \$206.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Dwayne	Palmer	20	
Driller-NWT #1	110		Glen	Woodworth	12	
Driller-NWT #1	110		Kevin	Wheeler	12	
Derrickhand-NWT #			John	O'Reilly	12	
Derrickhand-NWT #			Jeff	Klein	12	
Floorhand-NWT #1			Jordan	Brann	12	
Floorhand-NWT #1			Landon	Graham	12	
Floorhand-NWT #1			Jon	Magwood	12	
Floorhand-NWT #1			Scott	Gregory	12	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$18,511.50
Expendables Cost Total : \$100.00
Third Party Cost Total : \$206.00
Subtotal: \$18,817.50

OC Initial GST(865-985469 RT003) : \$940.88
Estimated Total: \$19,758.38

Rig Time: 24 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 13	Client Paramount Resources Ltd.	Date 21-Feb-2010	Report No: CWS-041-60-3-91	PO# Acct. No.
Operator Rep. Kim MacLeod		Well Name Paramount et al Cameron		Prov: NT
Well Depth 1451		Csg Size 139.7	Lease Conditions Good	
WellHead Connection 73 mm 21 MPa		GPS: H2S	Tubing Press 7 kPa	Casing Press 7 kPa2
		MWO#: AFE# Cameron		CC: Approver:
				Charge Code 03

From	To	Time	Details Of Operation
00:00	03:00	3.00	Continue pumping up to 10,000 kPa each time tbg bleeds down to 0 kPa. (Total mud wash squeezed into perforations is 0.66 m3)
03:00	07:00	4.00	Wait on Trican C & A unit.
07:00	11:00	4.00	Crew change. Bump test gas monitor. Sweep area for hazardous environments. Area clear. Walk around and visually check rig and equipment. (Good) Service equipment. Hold pre-job safety meeting. Function test crown saver, air horn, and E-kills. (Good) Continue to wait on Trican C & A unit.
11:00	15:00	4.00	Spot and rig in Trican C & A unit. Hold pre-job safety meeting w/all personnel on location. Work tbg string and set RGP single grip packer. Open DMP circulating valve. Forward circulate m3 w/ m3 returned to the test vessel. Rotate and close DMP circulating valve. Pressure test selective tools to 5,000 kPa. (Good) Rotate and open DMP circulating valve and spot 4.5 m3 of 15% HCL acid. Perform a 500 liter acid wash. Hoist tbg and straddle 1400.0 - 1401.0 mKB perforations. Close DMP circulating valve and Perform 1.0 m3 squeeze. Hoist tbg and straddle 1395.0 - 1398.0 mKB and perform 3.0 m3 squeeze. Rig out C & A unit.
15:00	16:00	1.00	Hoist tbg and lay out 2 jts of 73mm tbg, And 2 - 73mm tbg pup jts. RIH w/1 jt of 73mm tbg, install and land tbg hanger. TE @ 1395.69 mKB. Rig in to swab to testers.
16:00	19:00	3.00	Pull 14 swabs w/13.55 m3 recovered.
19:00	23:59	5.00	Crew change. Continue to swab well. Pull 19 swabs w/13.04 m3 recovered.

Safety / BOP

Meeting Details:

Selective acid job.
Move tbg and set packer.
Rig in and swab tbg to testers.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to PumpJack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☐ Ram Saver Function Tested
- ☒ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: **2/20/2010**
Number of SCBA's **2**
Number of Fire Ext **4**
Pump Relief Valve set @ **21000** kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size: **73**
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	24	\$615.00	\$14,760.00
Rig O/T After 8 Hrs(NWT)	Hour	8	\$210.00	\$1,680.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	220	\$1.05	\$231.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Inhibitor Injector	Day	1	\$100.00	\$100.00
Pack-off Head	Day	1	\$125.00	\$125.00
Swab or Mastervalue	Day	1	\$50.00	\$50.00

Basic Well Costs Total: \$18,661.50

Expendables Costs

Description	Qty	Rate	Total
Sandline Inhibitor(lit)	12	\$15.00	\$180.00
Saver Rubber	1	\$16.00	\$16.00
73mm Swap Cup	11	\$35.00	\$385.00

Expendable Cost Total: \$581.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	8	\$7.00	\$56.00

Third Party Cost: \$206.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Dwayne	Palmer	20	
Driller-NWT #1	110		Glen	Woodworth	12	
Driller-NWT #1	110		Kevin	Wheeler	12	
Derrickhand-NWT #			John	O'Reilly	12	
Derrickhand-NWT #			Jeff	Klein	12	
Floorhand-NWT #1			Jordan	Brann	12	
Floorhand-NWT #1			Landon	Graham	12	
Floorhand-NWT #1			Jon	Magwood	12	
Floorhand-NWT #1			Scott	Gregory	12	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$18,661.50
Expendables Cost Total : \$581.00
Third Party Cost Total : \$206.00
Subtotal: \$19,448.50

OC Initial GST(865-985469 RT003) : \$972.43
cpatience Estimated Total: \$20,420.93

Rig Time: 24 Stand By Time:0 Repair Time: 0

Signatures

Rig Manager's Signature: _____

Operator's Representative: _____



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 14	Client Paramount Resources Ltd.	Date 22-Feb-2010	Report No: CWS-041-60-3-92	PO# Acct. No.
Operator Rep Kim MacLeod	Well Name Location Paramount et al Cameron H-06	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -12	CC: Approver:
Wellhead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press Casing Press	Dead Vac	kPa kPa2
				Charge Code 03

From	To	Time	Details Of Operation
00:00	07:00	7.00	Continue to swab well. Pull 21 swabs w/8.31 m3 recovered.
07:00	15:00	8.00	Continue to swab well. Pull 11 swabs w/4.85 m3 recovered. Rig out the swab equipment.
15:00	16:30	1.50	Rig in and pump 4.5 m3 down tbg tbg and 4.5 m3 down the csg. Work tbg and open DMP circulating valve. Hoist tbg and unset RGP single grip packer.
16:30	18:30	2.00	POOH w/73mm tbg and selective acid tools. Lay out acid tools.
18:30	20:30	2.00	Assemble and RIH w/production tbg.
20:30	23:59	3.50	Hoist tbg and set tbg anchor. Land tbg hanger, rig out work floor, power tongs and air slips. Hoist and remove BOP stack. Csg is venting. Rig in and bleed off to testers. Test line is froze. Pump methonal down test line. Rig in and pump 2.0 m3 down csg. Well dead. Hoist tbg hanger and strip off tension pup jt. re-install tbg hanger and confirm tension. (Good) Install and secure wellhead. Rig in to swab well to testers.

Safety / BOP

Meeting Details:

Swab well to test vessel.
Tripping tbg.
Remove BOPs and install wellhead.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to Pump/Jack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☒ Pipe Function Tested
- ☒ Blind Function Tested
- ☐ Annular Function Tested
- ☐ Ram Saver Function Tested
- ☐ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/20/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size:
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	24	\$615.00	\$14,760.00
Rig O/T After 8 Hrs(NWT)	Hour	8	\$210.00	\$1,680.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	220	\$1.05	\$231.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Inhibitor Injector	Day	1	\$100.00	\$100.00

Basic Well Costs Total: \$18,486.50

Expendables Costs

Description	Qty	Rate	Total
Sandline Inhibitor(lit)	16	\$15.00	\$240.00
Saver Rubber	4	\$16.00	\$64.00
73mm Swap Cup	14	\$35.00	\$490.00
Absorption rolls	1	\$200.00	\$200.00

Expendable Cost Total: \$994.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Well Site Radios	8	\$7.00	\$56.00
	Personal Monitors	5	\$30.00	\$150.00
Feb 18 night s	Accommodations	1	\$370.00	\$370.00

Third Party Cost: \$576.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Dwayne	Palmer	20	
Driller-NWT #1	110		Glen	Woodworth	12	
Driller-NWT #1	110		Kevin	Wheeler	12	
Derrickhand-NWT #			John	O'Reilly	12	
Derrickhand-NWT #			Jeff	Klein	12	
Floorhand-NWT #1			Landon	Graham	12	
Floorhand-NWT #1			Jon	Magwood	12	
Floorhand-NWT #1			Jordan	Brann	12	
Floorhand-NWT #1			Scott	Gregory	12	
Boilerhand-NWT #1	110		David	Brandle	12	

Tubing Memo

73mm tbg collar 0.13m
73mm tail jt 9.15m
PSN 0.33m
73mm tbg pup jt 0.66m
73mm tbg pup jt 3.06m
6 jts of 73mm tbg 56.78m
Tbg anchor 0.91m
145 jts of 73mm tbg 1365.89m
Tbg hanger 0.22m
5000 Dan Tension 0.28m
KB to THF 4.06m

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$18,486.50
Expendables Cost Total : \$994.00
Third Party Cost Total : \$576.00
Subtotal: \$20,056.50

OC Initial GST(865-985469 RT003) : \$1,002.83
cptationce Estimated Total: \$21,059.33

Rig Time: 24 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



A CCS Company
Concord Well Servicing
3606 Highway St, Valleyview, AB, T0H 3N0

DAILY JOB REPORT

Rig No.: 041

Day on Well 15	Client Paramount Resources Ltd.	Date 23-Feb-2010	Report No: CWS-041-60-3-93	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Paramount et al Cameron	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1451	Csg Size 139.7	Lease Conditions Good	Lease Temperature -16	CC: Approver:
Wellhead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press Casing Press	Dead kPa Tstm kPa2	Charge Code 03

From	To	Time	Details Of Operation
00:00	05:30	5.50	Pull 14 swabs w/11.3 m3 recovered. Purge lubricator and rig out swab equipment.
05:30	07:00	1.50	Rig out class 3 accumulator and boiler lines. Cool and drain boiler.
07:00	09:00	2.00	Rig out rig and equipment. Prepare to move.
09:00	10:00	1.00	Move rig and equipment to M-74. Spot pump, tank, and crew change unit. Spot rig at the lease entrance. Wait on picker to move rig matting.
10:00	11:00	1.00	Assist trucks to load enviro bin, fuel skid and boiler. Move and spot support equipment on location.
11:00	19:00	8.00	Change in plans. Move rig and equipment back to H-06. Spot rig and equipment to company and government regulations. Raise derrick and level over hole. Rig in and secure out riggers. Function test crown saver, E-kills, and air horn. (Good) Rig in to swab well to testers. Pull 21 swabs w/8.68 m3 recovered. Rig out swab equipment. Rig out rig and equipment. Prepare to move. Move rig and equipment to M-74.

Safety / BOP

Meeting Details:

Swab sour to testers.
Rig out class 3 and boiler.
Rig out rig and equipment.

- ☐ BOP Drill
- ☒ Daily Walk around Inspection
- ☒ Emergency Airhorn Tested
- ☒ Crown Saver Tested
- ☒ Rig Motor Shut-off
- ☒ Pump Motor Shut-off
- ☒ Lockout System Compliance
- ☐ Anchors Installed/Guylines secured
- ☒ Escape Buggy Installed
- ☒ KillLine Connected/Secured
- ☐ Power to PumpJack Off/Secured
- ☒ Rig and Equip. Bonded to Wellhead
- ☒ Mains and Drum Brake Linkage
- ☒ Self-Retracting Lifelines Tested
- ☒ Fall Arrest Harnesses Inspected
- ☒ Lanyards Inspected
- ☐ Rod B.O.P Function Test
- ☐ Pipe Function Tested
- ☐ Blind Function Tested
- ☐ Annular Function Tested
- ☐ Ram Saver Function Tested
- ☐ B.O.P. Remote Function Tested
- ☐ Accumulator pre-charge checked

Well Secure Time sec
SCBA Drill Date: 2/20/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: kPa
Final Accum. Pressure: kPa
Piperams Proper Size:
Piperams Tested
Low Pres : kPa min
High Pres : kPa min
Annular Tested
Low Pres : kPa min
High Pres : kPa min
Blindrams Tested
Low Pres : kPa min
High Pres : kPa min
Safety Valve Tested
Low Pres : kPa min
High Pres : kPa min
Pump Manifold Valves Tested
Low Pres : kPa min
High Pres : kPa min

Basic Well Servicing Costs

Description	Unit	Qty	Rate	Total
Rig Hours Operating	Hour	19	\$615.00	\$11,685.00
Rig O/T After 8 Hrs(NWT)	Hour	3	\$210.00	\$630.00
Rig Manager (110Km Min)	Km	110	\$1.05	\$115.50
Crew Vehicle (110 Km Min)	Km	220	\$1.05	\$231.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Inhibitor Injector	Day	1	\$100.00	\$100.00

Basic Well Costs Total: \$14,361.50

Expendables Costs

Description	Qty	Rate	Total
Sandline Inhibitor(lit)	6	\$15.00	\$90.00
Saver Rubber	4	\$16.00	\$64.00
73mm Swap Cup	12	\$35.00	\$420.00

Expendable Cost Total: \$574.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	8	\$7.00	\$56.00

Third Party Cost: \$206.00

Rig Crew

Position	Truck km	Travel Time	First Name	Last Name	Hours	Safety Days
Rig Manager-NWT #	110		Dwayne	Palmer	20	
Driller-NWT #1	110		Glen	Woodworth	12	
Driller-NWT #1	110		Kevin	Wheeler	5	
Demickhand-NWT #			John	O'Reilly	12	
Demickhand-NWT #			Jeff	Klein	5	
Floorhand-NWT #1			Jordan	Brann	12	
Floorhand-NWT #1			Jon	Magwood	5	
Floorhand-NWT #1			Scott	Gregory	5	
Floorhand-NWT #1			Landon	Graham	12	
Boilerhand-NWT #1	110		David	Brandle	13	

Tubing Memo

73mm tbg collar 0.13m
73mm tail jt 9.15m
PSN 0.33m
73mm tbg pup jt 0.66m
73mm tbg pup jt 3.06m
6 jts of 73mm tbg 56.78m
Tbg anchor 0.91m
145 jts of 73mm tbg 1365.89m
Tbg hanger 0.22m
5000 Dan Tension 0.28m
KB to THF 4.06m

Fluids Memo

Rods Memo

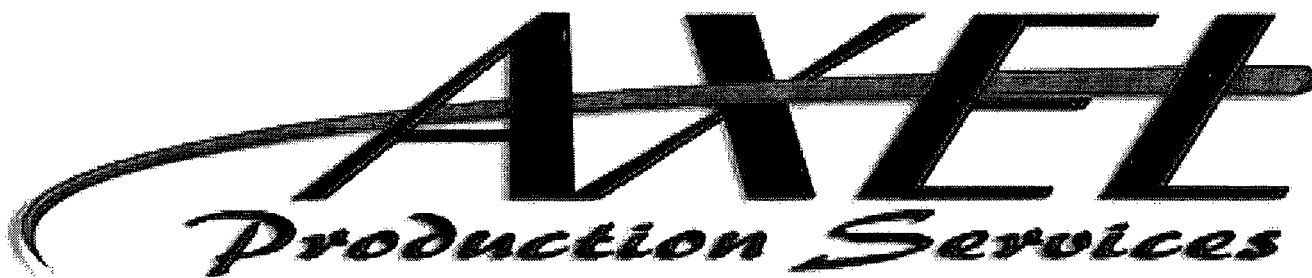
Totals
Basic Well Cost Total : \$14,361.50
Expendables Cost Total : \$574.00
Third Party Cost Total : \$206.00
Subtotal: \$15,141.50
OC Initial GST(865-985469 RT003): \$757.08
Estimated Total: \$15,898.58

Rig Time: 19 Stand By Time: 0 Repair Time: 0

Signatures

Rig Manager's Signature:

Operator's Representative:



SWAB/CLEAN UP
PAS-PRD

PARAMOUNT RESOURCES LTD.

Well Name: Para et al Cameron H-06

UWI: 60-10-117-30

FIELD: Cameron Hills

FORMATION: Sulphur Point

Test/Prod Intervals: 1395.0 - 1433.0 mKB

TEST DATE (s): February 11-23, 2010

DISTRIBUTION: Well Completions - Calgary, AB - 2 copies

PREPARED BY: Enertec Systems enertec@telus.net

Roberta (Robbie) Lailey

Cell: (403) 651-1350

Axel Production Services Ltd.

4th Floor, 522 - 11th Avenue SW

Calgary, AB T2R 0C8

Phone: (403) 266-8613

Cell: (403) 507-5169

Fax: (403) 266-8617

email: Jason Haffner - jasonh@axelltd.ca

Field Production Notes (PAS_PRD) v. 4.00
GENERAL INFORMATION

Well Info:

Oil Company Name:	PARAMOUNT RESOURCES LTD.		
Well Name:	Para et al Cameron H-06		
Unique Well ID (UWI):	60-10-117-30		
Surface Location:		EUB Well License No.:	
Formation:	Sulphur Point	Drilling Leg:	01
Field:	Cameron Hills		

Well Fluid Type at Test Date:	☒	01 - Oil
	☐	02 - Gas
	☐	03 - Water
	☐	17 - Crude Bitumen

Test Data:

Service Company Name:	Axel Production Services Ltd.	Recorders Run:	No
Service Company Code:	AXEL		
Test Final Date/Time:	23-Feb-10 22:30		
		Previous Gas Prod.:	0.0000 10 ³ m ³
		Gas Flared:	0.0000 10 ³ m ³
Test/Prod. Interval Top mKB (Log):	1395.00 m	Gas Incinerated:	0.0000 10 ³ m ³
Test/Prod. Interval Base mKB (Log):	1433.00 m	Gas Produced to Pipeline:	0.0000 10 ³ m ³
		Gas Vented:	0.0000 10 ³ m ³

Meters:

Gas Meter1

Metering Device Type:	Orifice	Gas Relative Density:	0.650
Meter Run/Prover Size:	97.200 mm	Nitrogen (N2):	0.0000 %
		Carbon Dioxide (CO2):	0.0000 %
Atmospheric Pressure:	93.01 kPa	Hydrogen Sulphide (H2S):	0.0000 %
Tap Type:	Flanged		
Tap Location:	Downstream		

Liquid Meter1

Liquid Type Indicator:	Water
Metering Device Type:	Produced Volume
Tank Measurement Indicator:	Incremental
	pH: 6
	Salinity: 61000
API (Oil Gravity):	32.1

Liquid Meter2

Liquid Type Indicator:	Oil/Condensate
Metering Device Type:	Produced Volume
Tank Measurement Indicator:	Incremental

PRD File Name: H-06-Sulphur Point-PRD-2010-02-23

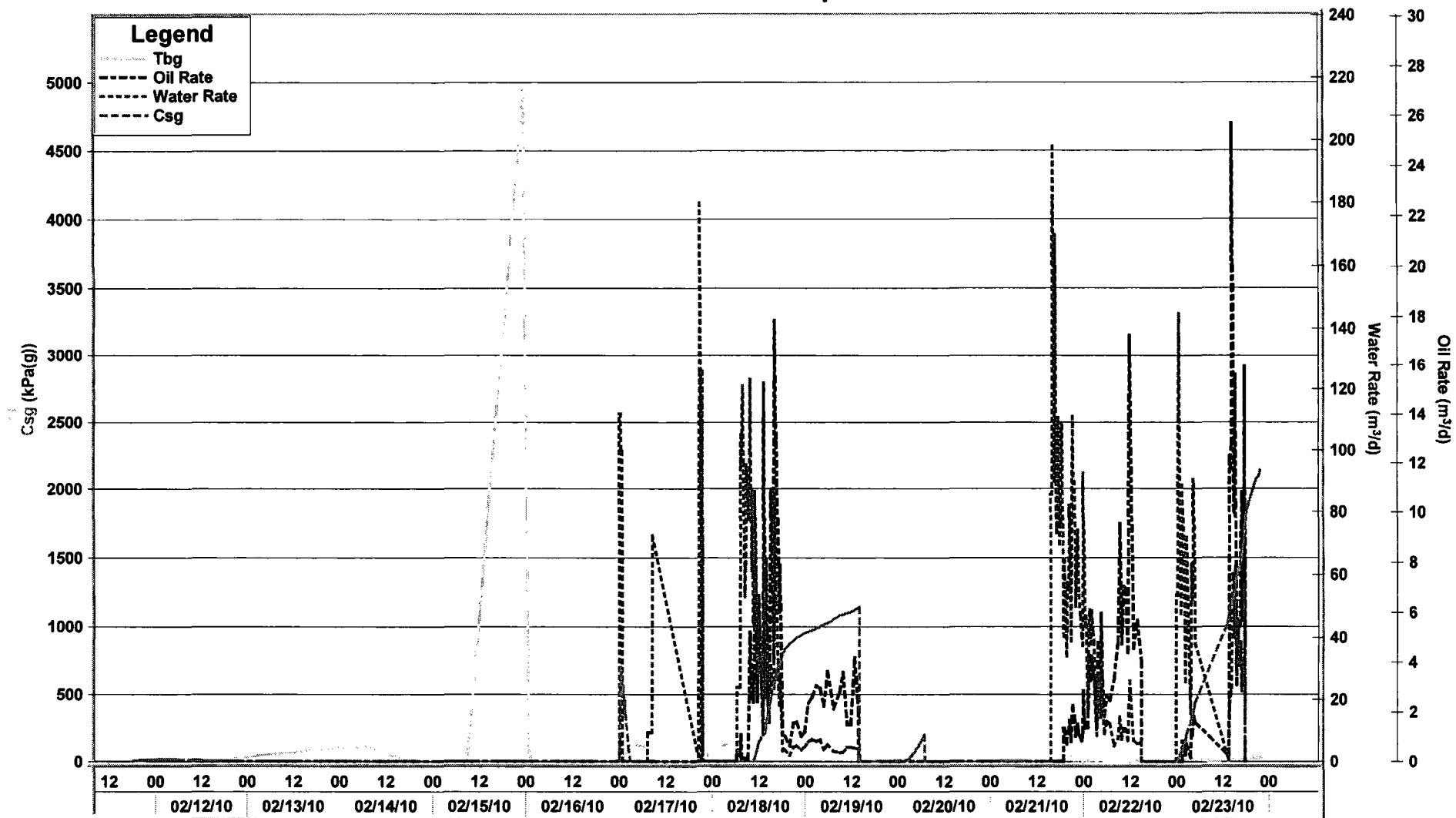
REMARKS

An ERCB PAS-PRD (v. 4.00) file has been created, using the above mentioned information. No Gas Samples were obtained for this report.

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start DateTime: 2010/02/11 06:30
 End DateTime: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

Swab/Clean Up



Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/02/11 06:30
 End Date/Time: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

				Wellhead				Gas Orifice Meter							Recovered/Produced Fluid Volumes										
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m	m	m ³	%	m ³	m ³	m ³	m ³		ppm	°API
1	2010/02/11	06:30:00	0.00	ARRIVE ON LOCATION / EQUIPMENT RIGGED IN TO REGULATION																					
2		07:00:00	0.50	ATTEND SAFETY MEETING 9 PERSONAL ON LOCATION																					
3		11:30:00	5.00	ATTEND SAFETY MEETING 11 PERSONAL ON LOCATION																					
4		16:00:00	9.50	ZONE PERFORATED / RIG OUT E-LINE UNIT / BEGIN RUNNING IN HOLE WITH TUBING																					
5		17:00:00	10.50	SECURE WELL / MONITOR PRESSURES																					
6		17:00:00	10.50		0		0.00																		
7		17:30:00	11.00		1		0.00																		
8		18:00:00	11.50		3		0.00																		
9		18:30:00	12.00		5		0.00																		
10		19:00:00	12.50		6		0.00																		
11		20:00:00	13.50		9		0.00																		
12		21:00:00	14.50		10		0.00																		
13		22:00:00	15.50		11		0.00																		
14		23:00:00	16.50		12		0.00																		
15	2010/02/12	00:00:00	17.50		13		0.00																		
16		01:00:00	18.50		14		0.00																		
17		02:00:00	19.50		14		0.00																		
18		03:00:00	20.50		15		0.00																		
19		04:00:00	21.50		15		0.00																		
20		05:00:00	22.50		16		0.00																		
21		06:00:00	23.50		16		0.00																		
22		06:45:00	24.25	**NOTE** H ₂ S SAMPLE TAKEN WITH RAE. = 0 ppm																					
23		07:00:00	24.50	ATTEND SAFETY MEETING 10 PERSONAL ON LOCATION																					
24		09:00:00	26.50	TUBING ON DEPTH / PACKER SET																					
25		10:30:00	28.00	RIG IN SWAB EQUIPMENT																					
26		11:00:00	28.50	-1	13		0.00							1		1308	0.000		0.000	0.000	0.000	0.000			
27		11:00:00	28.50	**NOTE** NO TAG																					
28		11:15:00	28.75	-1	13		0.00							2		1308	0.000		0.000	0.000	0.000	0.000			
29		11:15:00	28.75	**NOTE** NO TAG																					
30		13:00:00	30.50	SECURE WELL / MONITOR PRESSURES																					
31		13:30:00	31.00	0	4		0.00																		
32		14:00:00	31.50	2	5		0.00																		
33		15:00:00	32.50	3	5		0.00																		
34		16:00:00	33.50	7	5		0.00																		

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/02/11 06:30
 End Date/Time: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

	Wellhead							Gas Orifice Meter							Recovered/Produced Fluid Volumes										
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10 ² m ³ /d	10 ³ m ³		m	m	m ³	%	m ³	m ³	m ³	m ³		ppm	°API
35	2010/02/12	17:00:00	34.50	7	4		0.00	0.00																	
36		18:00:00	35.50	10	3		0.00																		
37		19:00:00	36.50	16	1		0.00																		
38		20:00:00	37.50	18	1		0.00																		
39		21:00:00	38.50	21	2		0.00																		
40		22:00:00	39.50	24	2		0.00																		
41		23:00:00	40.50	27	1		0.00																		
42	2010/02/13	00:00:00	41.50	30	0		0.00																		
43		01:00:00	42.50	34	0		0.00																		
44		02:00:00	43.50	39	0		0.00																		
45		03:00:00	44.50	43	0		0.00																		
46		04:00:00	45.50	46	1		0.00																		
47		05:00:00	46.50	49	1		0.00																		
48		06:00:00	47.50	54	1		0.00																		
49		07:00:00	48.50	55	2		0.00																		
50		07:00:00	48.50	ATTEND SAFETY MEETING 10 PERSONAL ON LOCATION																					
51		08:00:00	49.50	58	3		0.00																		
52		09:00:00	50.50	61	1		0.00																		
53		10:00:00	51.50	65	1		0.00																		
54		11:00:00	52.50	68	0		0.00																		
55		12:00:00	53.50	71	-1		0.00																		
56		13:00:00	54.50	74	-1		0.00																		
57		14:00:00	55.50	74	0		0.00																		
58		15:00:00	56.50	78	0		0.00																		
59		16:00:00	57.50	80	0		0.00																		
60		17:00:00	58.50	83	0		0.00																		
61		18:00:00	59.50	84	0		0.00																		
62		19:00:00	60.50	90	0		0.00																		
63		21:00:00	62.50	95	0		0.00																		
64		22:00:00	63.50	96	0		0.00																		
65		23:00:00	64.50	98	0		0.00																		
66	2010/02/14	00:00:00	65.50	99	0		0.00																		
67		01:00:00	66.50	101	0		0.00																		
68		02:00:00	67.50	103	0		0.00																		

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/02/11 06:30
 End Date/Time: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

	Wellhead							Gas Orifice Meter							Recovered/Produced Fluid Volumes										
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10³m³/d	10³m³		m	m	m³	%	m³	m³	m³	m³		ppm	°API
69	2010/02/14	03:00:00	68.50	107	0		0.00	0.00																	
70		04:00:00	69.50	109	0		0.00																		
71		05:00:00	70.50	110	0		0.00																		
72		06:00:00	71.50	112	0		0.00																		
73		07:00:00	72.50	114	0		0.00																		
74		07:00:00	72.50	ATTEND SAFETY MEETING 16 PERSONAL ON LOCATION																					
75		07:30:00	73.00	BLEED OFF TUBING / RIG IN ACID EQUIPMENT																					
76		09:30:00	75.00	ATTEND SAFETY MEETING 15 PERSONAL ON LOCATION																					
77		17:30:00	83.00	SECURE WELL / MONITOR PRESSURES																					
78		18:00:00	83.50	-1	-1		0.00																		
79		19:00:00	84.50	-1	-1		0.00																		
80		20:00:00	85.50	-1	-1		0.00																		
81		21:00:00	86.50	-1	-1		0.00																		
82		22:00:00	87.50	-1	-1		0.00																		
83		23:00:00	88.50	-1	-1		0.00																		
84	2010/02/15	00:00:00	89.50	-1	-1		0.00																		
85		01:00:00	90.50	-1	-1		0.00																		
86		02:00:00	91.50	-1	-1		0.00																		
87		03:00:00	92.50	-1	-1		0.00																		
88		04:00:00	93.50	-1	-1		0.00																		
89		05:00:00	94.50	-1	-1		0.00																		
90		06:00:00	95.50	-1	-1		0.00																		
91		07:00:00	96.50	-1	-1		0.00																		
92		07:00:00	96.50	ATTEND SAFETY MEETING 11 PERSONAL ON LOCATION / STAND-BY ON TRICAN ACID PUMPER																					
93		08:00:00	97.50	-1	-1		0.00																		
94		09:00:00	98.50	-1	-1		0.00																		
95		09:30:00	99.00	RIG IN EQUIPMENT TO DO MUD WASH WITH RIG PUMP																					
96		14:00:00	103.50	ATTEND SAFETY MEETING 12 PERSONAL ON LOCATION / BEGIN MUD WASH																					
97		15:00:00	104.50	BEGIN MUD WASH ON SULPHUR POINT PERFORATIONS																					
98		23:30:00	113.00	PRESSURE TUBING TO 10.0 MPA. / SHUT IN AND SECURE WELL / MONITOR PRESSURES																					
99		23:45:00	113.25	4950	-1		0.00																		
100	2010/02/16	00:00:00	113.50	3152	-1		0.00																		
101		00:30:00	114.00	1514	-1		0.00																		
102		01:00:00	114.50	79	-1		0.00																		

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/02/11 06:30
 End Date/Time: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

				Wellhead				Gas Orifice Meter						Recovered/Produced Fluid Volumes											
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m	m	m ³	%	m ³	m ³	m ³	m ³		ppm	°API
103	2010/02/16	01:30:00	115.00	8	-1		0.00	0.00																	
104		02:00:00	115.50	-1	-1		0.00																		
105		03:00:00	116.50	-1	-1		0.00																		
106		04:00:00	117.50	-1	-1		0.00																		
107		05:00:00	118.50	-1	-1		0.00																		
108		06:00:00	119.50	-1	-1		0.00																		
109		06:45:00	120.25	RESUME MUD WASH ON SULPHUR POINT PERFORATIONS																					
110		07:00:00	120.50	ATTEND SAFETY MEETING 11 PERSONAL ON LOCATION																					
111		09:45:00	123.25	SPOT TUBING ON DEPTH / RIG IN TRICAN PUMPER																					
112		10:30:00	124.00	ATTEND SAFETY MEETING PERSONAL ON LOCATION																					
113		12:00:00	125.50	BEGIN ACID TREATMENT OF SULPHUR POINT ZONE																					
114		23:00:00	136.50	ACID TREATMENT COMPLETE.																					
115	2010/02/17	00:00:00	137.50	RIG UP TO START SWABBING.																					
116		00:15:00	137.75	0	0		0.00		0	0.0	0.0	0.000	0.0000				0.000		0.000	0.000	0.000	0.000			
117		00:33:00	138.05	0	700		0.30							1	25	291	1.400	100.0	0.000	0.000	1.400	1.400	0	110000	
118		00:43:00	138.22	0	672		0.47							2	342	712	0.700		0.000	0.000	0.700	2.100	0	192000	
119		00:55:00	138.42	0	580		0.67							3	712	1063	0.830		0.000	0.000	0.830	2.930	0	218000	
120		01:00:00	138.50	TRACES OF BURNABLE GAS TO SURFACE / WELL FLOWING / RIG OFF LUBRICATOR																					
121		01:00:00	138.50	**NOTE** H ₂ S SAMPLE TAKEN WITH RAE. = 0ppm																					
122		01:00:00	138.50	5	577		0.75										0.050		0.000	0.000	0.050	2.980	0	216000	
123		01:05:00	138.58	3	562		0.75																		
124		01:10:00	138.67	1	557		0.75																		
125		01:15:00	138.75	0	509		0.75																		
126		01:30:00	139.00	0	450		0.75																		
127		01:30:00	139.00	WELL DEAD / SHUT IN AND MONITOR PRESSURES.																					
128		01:35:00	139.08	25	399		0.75		0	0.0	0.0	0.000	0.0000				0.000		0.000	0.000	0.000	2.980			
129		01:40:00	139.17	35	378		0.75																		
130		01:45:00	139.25	49	356		0.75																		
131		02:00:00	139.50	91	282		0.75																		
132		02:15:00	139.75	111	200		0.75																		
133		02:30:00	140.00	128	113		0.75																		
134		03:00:00	140.50	130	0		0.75																		
135		03:30:00	141.00	128	-1		0.75																		
136		04:00:00	141.50	125	-1		0.75																		

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start DateTime: 2010/02/11 06:30
 End DateTime: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

				Wellhead				Gas Orifice Meter									Recovered/Produced Fluid Volumes											
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API			
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m	m	m ³	%	m ³	m ³	m ³	m ³		ppm	°API			
137	2010/02/17	04:30:00	142.00	123	-1		0.75	0.00										100.0										
138		05:00:00	142.50	121	-1		0.75																					
139		05:30:00	143.00	119	-1		0.75																					
140		06:00:00	143.50	117	-1		0.75																					
141		06:30:00	144.00	113	-1		0.75																					
142		07:00:00	144.50	111	-1		0.75																					
143		07:30:00	145.00	0	0		0.75		0	0.0	0.0	0.000	0.0000				0.000		0.000	0.000	0.000	2.980						
144		08:00:00	145.50	ATTEND SAFETY MEETING 9 PERSONAL ON LOCATION																								
145		08:35:00	146.08				1.83							1	712	1060	0.420		0.000	0.000	0.420	3.400	1					
146		08:35:00	146.08	**NOTE** H ² S = 25ppm																								
147		08:45:00	146.25				2.00							2	1145	1308	0.504		0.000	0.000	0.504	3.904	1					
148		09:00:00	146.50				2.25							3		1308												
149		09:15:00	146.75				2.50							4		1308												
150		10:00:00	147.50	ATTEND SAFETY MEETING 19 PERSONAL ON LOCATION																								
151		10:05:00	147.58	**NOTE** NEB ON LOCATION TO DO SITE INSPECTION																								
152		11:30:00	149.00	BEGIN ACID TREATMENT OF SULPHUR POINT ZONE																								
153		12:00:00	149.50	TOTAL OF 4 SWABS = 0.924 m ³																								
154		12:00:00	149.50	**NOTE** 2 DRY SWABS PULLED																								
155		19:00:00	156.50	ACID TREATMENT COMPLETE / HELD SAFETY MEETING																								
156		20:00:00	157.50	TRICAN RIGGED OUT / RIG UP TO START SWABBING.																								
157		20:00:00	157.50	**NOTE** LOAD FLUID TO RECOVER = 23.50 M ³																								
158		20:37:00	158.12	0	-1		13.87							1	25	291	0.720		0.000	0.000	0.720	4.624	0	19500				
159		20:53:00	158.38	0	-1		14.13							2	291	712	1.397		0.000	0.000	1.397	6.021	0	15000				
160		21:05:00	158.58	2	-1		14.33							3	437	802	1.500		0.000	0.000	1.500	7.521	0	22000				
161		21:05:00	158.58	**NOTE** H ² S = 50ppm / TRACE OF BURNABLE GAS TO SURFACE																								
162		21:17:00	158.78	1	-1		14.53							4	291	712	0.880		0.000	0.000	0.880	8.401	0	222000				
163		21:30:00	159.00	-1	-1		14.75							5	418	757	0.870	85.0	0.131	0.131	0.740	9.140	0	200000				
164		21:41:00	159.18	-1	-1		14.93							6	622	976	0.970	99.0	0.010	0.140	0.960	10.101	0	151000				
165		21:45:00	159.25	SHUT IN AND SECURE WELL / MONITOR OVERNIGHT PRESSURES																								
166		21:45:00	159.25	**NOTE** H ² S = 75ppm																								
167		21:45:00	159.25	**NOTE** 6.357 M ³ TOTAL RECOVERED IN 6 SWABS (0.14 M ³ OIL) AND (6.21 M ³ H2O)																								
168		21:50:00	159.33	2	-1		14.93		0	0.0	0.0	0.000	0.0000				0.000		0.000	0.140	0.000	10.101						
169		21:55:00	159.42	3	-1		14.93																					
170		22:00:00	159.50	5	-1		14.93																					

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start DateTime: 2010/02/11 06:30
 End DateTime: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

				Wellhead				Gas Orifice Meter						Recovered/Produced Fluid Volumes													
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API		
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10³m³/d	10³m³		m	m	m³	%	m³	m³	m³	m³		ppm	°API		
171	2010/02/17	22:15:00	159.75	6	-1		14.93	0.00										99.0									
172		22:30:00	160.00	19	-1		14.93																				
173		22:45:00	160.25	31	-1		14.93																				
174		23:00:00	160.50	49	-1		14.93																				
175		23:30:00	161.00	91	-1		14.93																				
176	2010/02/18	00:00:00	161.50	110	-1		14.93																				
177		00:30:00	162.00	112	-1		14.93																				
178		01:00:00	162.50	114	-1		14.93																				
179		01:30:00	163.00	117	-1		14.93																				
180		02:00:00	163.50	118	-1		14.93																				
181		02:30:00	164.00	121	1		14.93																				
182		03:00:00	164.50	122	-1		14.93																				
183		03:30:00	165.00	124	-1		14.93																				
184		04:00:00	165.50	126	-1		14.93																				
185		04:30:00	166.00	128	-1		14.93																				
186		05:00:00	166.50	129	-1		14.93																				
187		05:30:00	167.00	131	-1		14.93																				
188		06:00:00	167.50	132	-1		14.93																				
189		06:30:00	168.00	133	-1		14.93		0	0.0	0.0	0.000	0.0000				0.000		0.000	0.140	0.000	10.101					
190		06:30:00	168.00	OPEN WELL TO BLEED DOWN TUBING TO PREPARE FOR SWABBING.																							
191		06:35:00	168.08	0			15.02																				
192		06:45:00	168.25	0			15.18																				
193		07:00:00	168.50	0			15.43																				
194		07:00:00	168.50	HELD DAILY SAFETY MEETING.																							
195		07:10:00	168.67	RUN IN HOLE TO PULL SWAB.																							
196		07:23:00	168.88	0	-1		15.82							7	437	802	0.890		0.009	0.149	0.881	10.982					
197		07:35:00	169.08	0	-1		16.02							8	530	889	0.885		0.009	0.158	0.876	11.858	1	96000			
198		07:45:00	169.25	0	-1		16.18							9	622	976	0.660	99.9	0.001	0.159	0.659	12.517	1	110000			
199		08:00:00	169.50	0	-1		16.43							10	712	1061	1.262		0.001	0.160	1.261	13.778	1	100000			
200		08:15:00	169.75	0	-1		16.68							11	976	1308	1.000		0.001	0.161	0.999	14.777	1	106000			
201		08:35:00	170.08	0	-1		17.02							12	976	1308	0.738		0.001	0.162	0.737	15.514	3	96000			
202		08:50:00	170.33	0	-1		17.27							13	976	1308	0.660		0.001	0.162	0.659	16.174	4	96000			
203		09:05:00	170.58	0	-1		17.52							14	976	1308	0.994		0.001	0.163	0.993	17.167	4	96000			
204		09:20:00	170.83	0	-1		17.77							15	976	1308	0.913		0.001	0.164	0.912	18.079	4	96000			

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start DateTime: 2010/02/11 06:30
 End DateTime: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

				Wellhead				Gas Orifice Meter									Recovered/Produced Fluid Volumes									
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API	
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10³m³/d	10³m³		m	m	m²	%	m³	m³	m³	m³		ppm	°API	
205	2010/02/18	09:40:00	171.17	0	-1		18.10	0.00						16	976	1308	1.109	97.0	0.033	0.197	1.076	19.155	5	96000		
206		09:50:00	171.33	0	-1		18.27							17	976	1308	0.725	95.0	0.036	0.234	0.689	19.843	5	98000		
207		10:00:00	171.50	0	-1		18.43							18	1227	1308	0.890	96.0	0.036	0.269	0.854	20.698	5	98000		
208		10:20:00	171.83	0	-1		18.77							19	1061	1308	0.883		0.035	0.305	0.848	21.545	5	98000		
209		10:30:00	172.00	0	-1		18.93							20	1145	1308	0.628		0.025	0.330	0.603	22.148	5	98000		
210		10:45:00	172.25	0	0		19.18							21	1145	1308	0.497	95.0	0.025	0.355	0.472	22.620	5	98000		
211		11:00:00	172.50	0	15		19.43							22	1186	1348	0.493	93.0	0.035	0.389	0.458	23.079	5	98000		
212		11:10:00	172.67	0	37		19.60							23	1186	1348	0.660	91.0	0.059	0.448	0.601	23.680	5	102000		
213		11:50:00	173.33	0	98		20.27							24	1267	1348	0.670	90.0	0.067	0.515	0.603	24.283	5	102000		
214		12:10:00	173.67	0	143		20.60							25	1186	1348	0.824		0.082	0.598	0.742	25.024	5	102000		
215		13:15:00	174.75	0	200		21.68							26	1145	1348	0.469	82.0	0.084	0.682	0.385	25.409	5	100000		
216		13:30:00	175.00	0	207		21.93							27	1145	1348	0.837	81.0	0.159	0.841	0.678	26.087	5	100000		
217		13:45:00	175.25	0	212		22.18							28	1186	1348	0.268	80.0	0.054	0.895	0.214	26.301	5	100000		
218		14:00:00	175.50	0	247		22.43							29	1227	1348	0.561	85.0	0.084	0.979	0.477	26.778	5	100000		
219		14:10:00	175.67	0	307		22.60							30	1227	1348	0.347		0.052	1.031	0.295	27.073	5	100000		
220		14:20:00	175.83	0	313		22.77							31	1267	1348	0.177	88.0	0.021	1.052	0.156	27.229	5	100000		
221		14:50:00	176.33	0	415		23.27							32	1267	1348	0.298		0.036	1.088	0.262	27.491	5	100000		
222		15:05:00	176.58	0	430		23.52							33	1267	1348	0.360	80.0	0.072	1.160	0.288	27.779	5	100000		
223		15:20:00	176.83	0	470		23.77							34	1267	1348	0.423	76.0	0.102	1.262	0.321	28.100	5	100000		
224		15:30:00	177.00	0	512		23.93							35	1267	1348	0.253	70.0	0.076	1.338	0.177	28.277	5	100000	29.7	
225		15:30:00	177.00	CHANGE TO TANDEM CUPS																						
226		16:05:00	177.58	0	570		24.52							36	1308	1348	0.670	85.0	0.100	1.438	0.569	28.847	5	89000		
227		16:15:00	177.75	0	590		24.68							37	1308	1348	0.730	83.0	0.124	1.562	0.606	29.453	5	90000		
228		16:30:00	178.00	0	607		24.93							38	1308	1348	0.730	80.0	0.146	1.708	0.584	30.037	5	91000		
229		16:45:00	178.25	0	670		25.18							39	1308	1348	0.670		0.134	1.842	0.536	30.573	5	88000		
230		17:15:00	178.75	0	706		25.68							40	1267	1348	0.670	75.0	0.167	2.010	0.502	31.075	5	82000		
231		17:30:00	179.00	0	711		25.93							41	1308	1348	0.252		0.063	2.073	0.189	31.264	5	84000		
232		17:40:00	179.17	0	713		26.10							42	1308	1348	0.249	78.0	0.055	2.127	0.194	31.459	5	86000	29.7	
233		18:20:00	179.83	0	796		26.77							43	1267	1348	0.125	76.0	0.030	2.157	0.095	31.554	5	83000		
234		18:58:00	180.47	0	827		27.40							44	1267	1348	0.122	78.0	0.027	2.184	0.095	31.649	5	80000		
235		20:10:00	181.67	0	874		28.60							45	1267	1348	0.126	75.0	0.031	2.216	0.095	31.743	5	82000		
236		21:10:00	182.67	0	895		29.60							46	1267	1348	0.260		0.065	2.281	0.195	31.938	5	85000		
237		21:58:00	183.47	0	916		30.40							47	1267	1348	0.220	76.0	0.053	2.334	0.167	32.105	5	90000		
238		23:08:00	184.63	0	935		31.57							48	1267	1348	0.224	78.0	0.049	2.383	0.175	32.280	5	94000		

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start DateTime: 2010/02/11 06:30
 End DateTime: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

	Wellhead							Gas Orifice Meter							Recovered/Produced Fluid Volumes											
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API	
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10³m³/d	10³m³		m	m	m²	%	m³	m³	m³	m³		ppm	°API	
239	2010/02/19	00:04:00	185.57	0	952		32.50	0.00						49	1267	1348	0.231	80.0	0.046	2.429	0.185	32.465	5	91000		
240		01:00:00	186.50	0	961		33.43							50	1267	1348	0.340	73.0	0.092	2.521	0.248	32.713	5	95000		
241		02:00:00	187.50	0	972		34.43							51	1267	1348	0.400		0.108	2.629	0.292	33.005	5	98000		
242		03:00:00	188.50	0	985		35.43							52	1267	1348	0.400	68.0	0.128	2.757	0.272	33.277	5	105000		
243		04:00:00	189.50	0	1000		36.43							53	1267	1348	0.410	70.0	0.123	2.880	0.287	33.564	5	115000		
244		05:00:00	190.50	0	1017		37.43							54	1267	1348	0.253	63.0	0.094	2.973	0.159	33.724	5	119000		
245		06:00:00	191.50	0	1027		38.43							55	1267	1348	0.379	60.0	0.152	3.125	0.227	33.951	5	118000	33.3	
246		07:35:00	193.08	0	1053		40.02							56	1267	1348	0.352		0.141	3.266	0.211	34.162	5	118000		
247		09:05:00	194.58	0	1083		41.52							57	1267	1348	0.350	50.0	0.175	3.441	0.175	34.337	5	116000		
248		10:00:00	195.50	0	1087		42.43							58	1267	1348	0.250	45.0	0.138	3.578	0.113	34.450	5	116000		
249		11:00:00	196.50	0	1100		43.43							59	1267	1348	0.251	75.0	0.063	3.641	0.188	34.638	5	116000		
250		12:00:00	197.50	0	1108		44.43							60	1267	1348	0.249		0.062	3.703	0.187	34.825	5	116000		
251		13:00:00	198.50	0	1120		45.43							61	1267	1348	0.348	50.0	0.174	3.877	0.174	34.999	5	116000		
252		14:00:00	199.50	0	1138		46.43							62	1267	1348	0.248	65.0	0.087	3.964	0.161	35.160	5	116000		
253		14:10:00	199.67		1142		46.43		0	0.0	0.0	0.000	0.0000				0.000		0.000	3.964	0.000	35.160				
254		14:10:00	199.67	BLEED DOWN CASING TO PREPARE TO PULL PIPE.																						
255		14:15:00	199.75		211		46.43																			
256		14:20:00	199.83		21		46.43																			
257		14:25:00	199.92		1		46.43																			
258		14:30:00	200.00		0		46.43																			
259		14:30:00	200.00	PUMP 1.00m³ DOWN TUBING AND CASING. PLEASE ADD TO LOAD FLUID. 2.00m³ PUMPED IN TOTAL																						
260		18:00:00	203.50	TUBING OUT OF HOLE.																						
261		20:20:00	205.83	HELD SAFETY MEETING PRIOR TO PERFORATION / 13 PERSONNEL ON LOCATION																						
262		21:45:00	207.25	PERFORATION COMPLETE / RIG OUT WIRELINE																						
263	2010/02/20	03:00:00	212.50	TUBING IN HOLE AND PACKER SET / MONITOR PRESSURES																						
264		03:05:00	212.58	5	12		46.43																			
265		03:10:00	212.67	8	21		46.43																			
266		03:15:00	212.75	9	21		46.43																			
267		03:30:00	213.00	14	35		46.43																			
268		03:45:00	213.25	14	42		46.43																			
269		04:00:00	213.50	15	57		46.43																			
270		04:30:00	214.00	15	69		46.43																			
271		05:00:00	214.50	16	94		46.43																			
272		05:30:00	215.00	17	110		46.43																			

Well / Lease Name: PARA et al CAMERON H-06
Formation: SULPHUR POINT
Pool: 1395.0 - 1433.0 mKB
Job Number: 1011

				Wellhead				Gas Orifice Meter						Recovered/Produced Fluid Volumes													
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API		
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10³m³/d	10³m³		m	m	m³	%	m³	m³	m³	m³		ppm	°API		
273	2010/02/20	06:00:00	215.50	18	145		46.43	0.00										65.0									
274		07:00:00	216.50	18	200		46.43																				
275		07:15:00	216.75	0	0		46.43																				
276		07:30:00	217.00	PUMP FLUID DOWN TUBING.																							
277		08:00:00	217.50	FILL CASING.																							
278		08:45:00	218.25	CIRCULATE 1.36M³ TO P TANK.																							
279		12:00:00	221.50	14.9 M³ LOST DOWN HOLE AS OF 1200 HRS																							
280		13:00:00	222.50	RIG CREW TO SQUEEZE WASH CHEMICAL.																							
281		18:00:00	227.50	CONTINUE WITH WASH																							
282	2010/02/21	02:45:00	236.25	MUD WASH COMPLETE / MONITOR CASING PRESSURES																							
283		02:50:00	236.33	0	1		46.43																				
284		02:55:00	236.42		3		46.43																				
285		03:00:00	236.50		4		46.43																				
286		03:15:00	236.75		5		46.43																				
287		03:30:00	237.00		5		46.43																				
288		03:45:00	237.25		6		46.43																				
289		04:00:00	237.50		6		46.43																				
290		04:30:00	238.00		7		46.43																				
291		05:00:00	238.50		7		46.43																				
292		05:30:00	239.00		7		46.43																				
293		06:00:00	239.50		7		46.43																				
294		06:30:00	240.00	WAIT ON TRICAN																							
295		07:00:00	240.50		7		46.43																				
296		08:00:00	241.50		7		46.43																				
297		09:00:00	242.50		7		46.43																				
298		09:15:00	242.75		0		46.43																				
299		09:15:00	242.75	BLEED OF CASING																							
300		10:20:00	243.83	TRICAN ON LOCATION,																							
301		10:20:00	243.83	RIG UP TO CIRCULATE																							
302		10:30:00	244.00	SET PACKER																							
303		10:40:00	244.17	RIG UP TRICAN																							
304		11:00:00	244.50	HELD PRE JOB SAFETY MEETING																							
305		11:45:00	245.25	FILL HOLE TO BREAK CIRCULATION.																							
306		11:55:00	245.42	CIRCULATE TO P TANK																							

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/02/11 06:30
 End Date/Time: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

				Wellhead				Gas Orifice Meter						Recovered/Produced Fluid Volumes											
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m	m	m ³	%	m ³	m ³	m ³	m ³		ppm	°API
307	2010/02/21	12:00:00	245.50	PRESSURE TEST SURFACE LINES																					
308		12:15:00	245.75	BEGIN ACID JOB ON BOTTOM SET OF LIMESTONE PERFORATIONS																					
309		12:55:00	246.42	ACID JOB COMPLETE, MOVE UP TO TOP SET OF LIMESTONE PERFORATIONS																					
310		13:10:00	246.67	BEGIN ACID JOB																					
311		14:15:00	247.75	ACID JOB COMPLETE, RIG OUT TRICAN / LOAD FLUID = 58.41m ³																					
312		14:15:00	247.75	15.26m ³ PUMPED THROUGHOUT THE ACID JOB, INCLUDING 4.50m ³ OF ACID																					
313		15:00:00	248.50	RIG UP TO SWAB WELL IN																					
314		15:45:00	249.25	RUN IN HOLE TO PULL SWAB # 1																					
315		15:45:00	249.25	0	0		46.43		0	0.0	0.0	0.000	0.0000				0.000		0.000	3.964	0.000	35.160			
316		16:00:00	249.50	0	-5		46.68							1	50	437	0.890		0.000	3.964	0.890	36.050	4		
317		16:10:00	249.67	0	-5		46.85							2	342	712	1.170		0.000	3.964	1.170	37.220	1		
318		16:18:00	249.80	0	-4		46.98							3	483	846	1.007		0.000	3.964	1.007	38.227	1		
319		16:27:00	249.95	0	-4		47.13							4	530	889	1.238		0.000	3.964	1.238	39.465	1		
320		16:40:00	250.17	0	-4		47.35							5	530	889	0.810		0.000	3.964	0.810	40.275	1		
321		16:54:00	250.40	5	-4		47.58							6	712	1061	1.650		0.000	3.964	1.650	41.925	5		
322		17:10:00	250.67	5	-4		47.85							7	530	889	0.814		0.000	3.964	0.814	42.739	5		
323		17:22:00	250.87	10	-3		48.05							8	712	1061	0.630		0.000	3.964	0.630	43.369	5		
324		17:35:00	251.08	10	-4		48.27							9	975	1348	0.999		0.000	3.964	0.999	44.368	4	135000	
325		17:56:00	251.43	10	-4		48.62							10	1018	1348	1.017		0.000	3.964	1.017	45.385	4		
326		18:15:00	251.75	10	-5		48.93							11	1018	1348	1.012		0.000	3.964	1.012	46.397			
327		18:30:00	252.00	10	-4		49.18							12	1018	1348	1.135		0.000	3.964	1.135	47.532			
328		18:40:00	252.17	10	-3		49.35							13	1145	1348	0.749		0.000	3.964	0.749	48.281			
329		18:55:00	252.42	10	-5		49.60							14	1145	1348	0.419		0.000	3.964	0.419	48.700			
330		19:15:00	252.75	10	-1		49.93							15	933	1348	0.919	98.0	0.018	3.983	0.901	49.600	4	115000	
331		19:45:00	253.25	12	-1		50.43							16	622	1348	0.718		0.014	3.997	0.704	50.304			
332		19:57:00	253.45	14	-1		50.63							17	622	1348	0.489		0.010	4.007	0.479	50.783			
333		20:16:00	253.77	13	-1		50.95							18	802	1348	0.758		0.015	4.022	0.743	51.526			
334		20:29:00	253.98	13	-1		51.17							19	889	1348	0.755		0.015	4.037	0.740	52.266			
335		20:52:00	254.37	42	-1		51.55							20	1061	1348	0.631		0.013	4.050	0.618	52.884			
336		21:10:00	254.67	12	-1		51.85							21	1103	1348	1.004		0.020	4.070	0.984	53.868			
337		21:21:00	254.85	9	-1		52.03							22	1103	1348	0.866		0.017	4.087	0.849	54.717			
338		21:40:00	255.17	9	-1		52.35							23	1103	1348	1.053		0.021	4.108	1.032	55.749			
339		21:51:00	255.35	15	-1		52.53							24	1103	1348	0.700		0.014	4.122	0.686	56.435	4	100000	
340		22:06:00	255.60	10	-1		52.78							25	1103	1348	0.530		0.011	4.133	0.519	56.954			

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start DateTime: 2010/02/11 06:30
 End DateTime: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

	Wellhead							Gas Orifice Meter							Recovered/Produced Fluid Volumes													
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API			
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10³m³/d	10³m³		m	m	m³	%	m³	m³	m³	m³		ppm	°API			
341	2010/02/21	22:20:00	255.83	9	-1		53.02	0.00						26	1145	1348	0.630	98.0	0.013	4.145	0.617	57.572						
342		22:32:00	256.03	10	-1		53.22							27	1145	1348	0.630		0.013	4.158	0.617	58.189						
343		22:47:00	256.28	9	-1		53.47							28	1145	1348	0.621		0.012	4.170	0.609	58.798						
344		23:00:00	256.50	12	-1		53.68							29	1145	1348	0.492		0.010	4.180	0.482	59.280						
345		23:21:00	256.85	14	-1		54.03							30	1145	1348	0.697		0.014	4.194	0.683	59.963						
346		23:42:00	257.20	8	-1		54.38							31	1145	1348	0.600		0.012	4.206	0.588	60.551						
347		23:57:00	257.45	7	-1		54.63							32	1145	1348	0.400	97.0	0.012	4.218	0.388	60.939	5	95000				
348	2010/02/22	00:05:00	257.58	9	-1		54.77							33	1145	1348	0.530		0.016	4.234	0.514	61.453						
349		00:21:00	257.85	9	-1		55.03							34	1145	1348	0.630		0.019	4.253	0.611	62.064						
350		00:33:00	258.05	11	-1		55.23							35	1145	1348	0.377		0.011	4.264	0.366	62.430						
351		00:48:00	258.30	10	-1		55.48							36	1145	1348	0.502		0.015	4.279	0.487	62.917						
352		01:17:00	258.78	6	-1		55.97							37	1145	1348	0.344	92.0	0.028	4.307	0.316	63.233	5	100000				
353		01:32:00	259.03	7	-1		56.22							38	1145	1348	0.472		0.038	4.344	0.434	63.668						
354		01:45:00	259.25	5	-1		56.43							39	1145	1348	0.480		0.038	4.383	0.442	64.109						
355		01:59:00	259.48	9	-1		56.67							40	1145	1348	0.399		0.032	4.415	0.367	64.476						
356		02:10:00	259.67	13	-1		56.85							41	1145	1348	0.403		0.032	4.447	0.371	64.847						
357		02:21:00	259.85	9	-1		57.03							42	1145	1348	0.379		0.030	4.477	0.349	65.196						
358		02:33:00	260.05	9	-1		57.23							43	1145	1348	0.378		0.030	4.508	0.348	65.543						
359		02:46:00	260.27	8	-1		57.45							44	1145	1348	0.377		0.030	4.538	0.347	65.890						
360		03:02:00	260.53	9	-1		57.72							45	1145	1348	0.251	85.0	0.038	4.575	0.213	66.104	6	100000				
361		03:36:00	261.10	7	-1		58.28							46	1186	1348	0.228		0.034	4.610	0.194	66.297						
362		03:57:00	261.45	10	-1		58.63							47	1227	1348	0.467		0.070	4.680	0.397	66.694						
363		04:28:00	261.97	9	-1		59.15							48	1227	1348	0.358		0.054	4.733	0.304	66.999						
364		04:41:00	262.18	9	-1		59.37							49	1227	1348	0.360		0.054	4.787	0.306	67.305						
365		04:57:00	262.45	8	-1		59.63							50	1267	1348	0.242		0.036	4.824	0.206	67.510						
366		05:30:00	263.00	6	-1		60.18							51	1227	1348	0.247	83.0	0.042	4.866	0.205	67.715	6	95000	36.0			
367		06:05:00	263.58	7	-1		60.77							52	1186	1348	0.380		0.065	4.930	0.315	68.031						
368		06:55:00	264.42	6	-1		61.60							53	1186	1348	0.504		0.086	5.016	0.418	68.449						
369		08:00:00	265.50	8	-3		62.68							54	1186	1348	0.378	60.0	0.151	5.167	0.227	68.676	6	100000				
370		09:00:00	266.50	7	-2		63.68							55	1186	1348	0.500		0.200	5.367	0.300	68.976	6	100000				
371		09:30:00	267.00	7	-2		64.18							56	1186	1348	0.497		0.199	5.566	0.298	69.274	6	100000				
372		10:00:00	267.50	7	-2		64.68							57	1186	1348	0.247		0.099	5.665	0.148	69.422	6	100000	34.8			
373		10:30:00	268.00	7	-2		65.18							58	1186	1348	0.367		0.147	5.812	0.220	69.642	6	100000				
374		11:00:00	268.50	7	-2		65.68							59	1186	1348	0.362		0.145	5.956	0.217	69.860	6	100000				

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/02/11 06:30
 End Date/Time: 2010/02/23 22:30

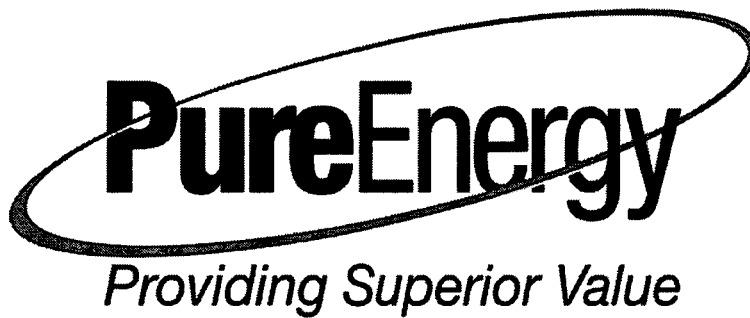
Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

				Wellhead				Gas Orifice Meter										Recovered/Produced Fluid Volumes											
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API				
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10³m³/d	10³m³		m	m	m³	%	m³	m³	m³	m³		ppm	°API				
375	2010/02/22	11:30:00	269.00	7	-2		66.18	0.00						60	1186	1348	0.228	60.0	0.091	6.048	0.137	69.996	6	98000					
376		12:00:00	269.50	7	-2		66.68							61	1186	1348	0.900		0.360	6.408	0.540	70.536	6	98000					
377		13:00:00	270.50	7	-2		67.68							62	1186	1348	0.475		0.190	6.598	0.285	70.821	6	98000	35.2				
378		14:00:00	271.50	7	-2		68.68							63	1186	1348	0.475	50.0	0.238	6.835	0.237	71.059	6	100000					
379		15:00:00	272.50	7	-2		69.68							64	1186	1348	0.420	60.0	0.168	7.003	0.252	71.311	6	100000					
380		15:15:00	272.75	RIG OUT SWAB RIG AND BEGIN TRIPPING PIPE																									
381		15:15:00	272.75	0	0		69.68		0	0.0	0.0	0.000	0.0000				0.000		0.000	7.003	0.000	71.311							
382		16:00:00	273.50	START TRIPPING PIPE																									
383		20:45:00	278.25	FINISHED RUNNING IN TUBING / DOGNOT LANDED																									
384		21:00:00	278.50	REMOVE B.O.P'S AND INSTALL WELLHEAD / PREPARE TO SWAB																									
385		23:30:00	281.00	PUMP 2.0 M³ DOWN CASING																									
386		23:50:00	281.33	RIG UP TO SWAB																									
387	2010/02/23	00:00:00	281.50	**NOTE** START OF EVALUATION																									
388		00:00:00	281.50	0	0		69.68		0	0.0	0.0	0.000	0.0000				0.000		0.000	7.003	0.000	71.311							
389		00:20:00	281.83	22	9		70.02							1	889	1227	0.742	100.0	0.000	7.003	0.742	72.053	6	21000					
390		00:38:00	282.13	12	21		70.32							2	976	1308	1.385		0.000	7.003	1.385	73.438							
391		00:47:00	282.28	12	33		70.47							3	1061	1387	0.905		0.000	7.003	0.905	74.343							
392		01:16:00	282.77	10	65		70.95							4	976	1308	0.960		0.000	7.003	0.960	75.303							
393		01:38:00	283.13	14	83		71.32							5	976	1308	1.354		0.000	7.003	1.354	76.657							
394		01:50:00	283.33	19	117		71.52							6	976	1308	0.675	99.0	0.007	7.010	0.668	77.325	6	45000					
395		02:25:00	283.92	17	146		72.10							7	1061	1387	0.631		0.006	7.016	0.625	77.950							
396		02:40:00	284.17	15	200		72.35							8	1061	1308	0.755		0.008	7.024	0.747	78.697							
397		03:44:00	285.23	19	287		73.42							9	1061	1227	0.695		0.007	7.031	0.688	79.385							
398		04:00:00	285.50	16	319		73.68							10	1061	1308	0.718	98.0	0.014	7.045	0.704	80.089	6	47000					
399		04:17:00	285.78	18	354		73.97							11	1061	1308	0.630		0.013	7.058	0.617	80.706							
400		04:27:00	285.95	18	369		74.13							12	1067	1308	0.640		0.013	7.070	0.627	81.334							
401		04:37:00	286.12	16	388		74.30							13	1123	1308	0.629		0.013	7.083	0.616	81.950							
402		05:00:00	286.50	16	441		74.68							14	1123	1308	0.629	96.0	0.025	7.108	0.604	82.554	6	51000	35.2				
403		13:30:00	295.00	0	1029		83.18																						
404		13:40:00	295.17	12	1074		83.35							15	802	1186	0.197	60.0	0.079	7.187	0.118	82.672	6	21000					
405		13:55:00	295.42	10	1123		83.60							16	1145	1267	0.320		0.128	7.315	0.192	82.864	6	22000					
406		14:10:00	295.67	11	1159		83.85							17	1145	1267	0.350	65.0	0.123	7.437	0.227	83.092	6	26000					
407		14:25:00	295.92	20	1159		84.10							18	1145	1267	0.380		0.133	7.570	0.247	83.339	6	26000					
408		14:35:00	296.08	14	1181		84.27							19	1186	1308	0.510		0.178	7.749	0.332	83.670	6	24000					

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/02/11 06:30
 End Date/Time: 2010/02/23 22:30

Well / Lease Name: PARA et al CAMERON H-06
 Formation: SULPHUR POINT
 Pool: 1395.0 - 1433.0 mKB
 Job Number: 1011

	Wellhead							Gas Orifice Meter							Recovered/Produced Fluid Volumes													
	Date	Time	Cum Time	Tbg	Csg	WHT	Flow Time	Orifice	Static	Diff	Temp	Gas Rate	Cum Gas	Swab	Tag	Pull	Fld Vol	BSW	Oil Gain	Oil Cum	Water Gain	Cum Water	pH	Salinity	API			
	YYYY/MM/DD	HH:mm:ss	h	kPa(g)	kPa(g)	°C	h	mm	kPa(g)	kPa	°C	10³m³/d	10³m³		m	m	m³	%	m³	m³	m³	m³		ppm	°API			
409	2010/02/23	14:45:00	296.25	14	1194		84.43	0.00						20	1186	1308	0.557	75.0	0.139	7.888	0.418	84.088	6	22000				
410		15:00:00	296.50	13	1228		84.68							21	1186	1308	0.712	85.0	0.107	7.995	0.605	84.693	6	22000				
411		15:10:00	296.67	15	1255		84.85							22	1186	1308	0.346	80.0	0.069	8.064	0.277	84.970	6	22000				
412		15:22:00	296.87	17	1276		85.05							23	1186	1308	0.650		0.130	8.194	0.520	85.490	6	22000				
413		15:32:00	297.03	18	1322		85.22							24	1186	1308	0.360		0.072	8.266	0.288	85.778	6	24000				
414		15:45:00	297.25	13	1362		85.43							25	1186	1308	0.279	90.0	0.028	8.294	0.251	86.029	6	24000				
415		16:00:00	297.50	12	1381		85.68							26	1186	1308	0.531		0.053	8.347	0.478	86.507	6	26000	32.1			
416		16:20:00	297.83	15	1420		86.02							27	1186	1308	0.524	85.0	0.079	8.426	0.445	86.952	6	60000				
417		16:35:00	298.08	19	1447		86.27							28	1186	1308	0.378		0.057	8.482	0.321	87.274						
418		16:50:00	298.33	21	1469		86.52							29	1186	1308	0.500	80.0	0.100	8.582	0.400	87.674	6	58000				
419		17:05:00	298.58	19	1501		86.77							30	1186	1308	0.296		0.059	8.642	0.237	87.910						
420		17:14:00	298.73	17	1561		86.92							31	1186	1308	0.270	75.0	0.067	8.709	0.202	88.113	6	60000				
421		17:30:00	299.00	21	1612		87.18							32	1186	1308	0.391		0.098	8.807	0.293	88.406						
422		17:40:00	299.17	21	1645		87.35							33	1186	1308	0.218	78.0	0.048	8.855	0.170	88.576	6	60000				
423		17:48:00	299.30	21	1701		87.48							34	1186	1308	0.403		0.089	8.944	0.314	88.890						
424		17:57:00	299.45	21	1742		87.63							35	1186	1308	0.250	80.0	0.050	8.994	0.200	89.090	6	61000				
425		18:00:00	299.50	SHUT IN AND SECURE WELL / MONITOR PRESSURES																								
426		18:05:00	299.58	22	1760		87.63		0	0.0	0.0	0.000	0.0000				0.000		0.000	8.994	0.000	89.090						
427		18:10:00	299.67	22	1791		87.63																					
428		18:15:00	299.75	23	1819		87.63																					
429		18:30:00	300.00	23	1852		87.63																					
430		18:45:00	300.25	24	1874		87.63																					
431		19:00:00	300.50	24	1903		87.63																					
432		19:30:00	301.00	24	1945		87.63																					
433		20:00:00	301.50	25	1991		87.63																					
434		20:30:00	302.00	25	2036		87.63																					
435		21:00:00	302.50	26	2072		87.63																					
436		21:30:00	303.00	26	2101		87.63																					
437		22:00:00	303.50	27	2151		87.63																					
438				TOOK 2 H.P GAS SAMPLES FROM WELLHEAD = AGAT (05004102) AND (05002774)																								
439				SHUT IN MASTER VALVE, SECURE WELL AND RIG OUT TEST EQUIPMENT																								
440	2010/02/23	22:30:00	304.00	0	0	0.0	87.63		0	0.0	0.0	0.000	0.0000	0	0	0	0.000		0.000	8.994	0.000	89.090						



Company Name	PARAMOUNT RESOURCES LTD.
Well Name	PARAMOUNT et al CAMERON
Unique Well ID	300 H06 60 10 117 30 0
Formation	SULPHUR POINT COMMINGLED
Well License Number	WID2064
Test Type	Final Static Gradient
Start Test Date	2010/03/08
Final Test Date	2010/03/08

Prepared By	Pam Cruickshank
Report Date	2010/03/11



Pure Energy Services Ltd.
10th Floor, 333 - 11th Avenue SW, Calgary, Alberta T2R 1L9
Phone: 403-262-4000 Fax: 403-237-9731
www.pure-energy.ca



Providing Superior Value

Final Static Gradient

Well Information

Company Name **PARAMOUNT RESOURCES LTD.**

Well Name **PARAMOUNT et al CAMERON**

Contact **DICK HEENAN**

Surface Location

Unique Well ID **300 H06 60 10 117 30 0**

Well Type **Vertical**

Well Fluid Type **01 Oil**

H2S Indicator **No**

KB Elevation (SL) **773.00 m**

GL Elevation (SL) **768.40 m**

CF Elevation (SL) **768.40 m**

KB-GL Offset **4.60 m**

KB-CF Offset **4.60 m**

Formation **SULPHUR POINT COMMINGLED**

Top(Log KB) **1395.00 m** Bottom(Log KB) **1433.00 m**

Top(TVD KB) **1395.00 m** Bottom(TVD KB) **1433.00 m**

Test Information

Test Type **Final Static Gradient**

Test Purpose (AEUB) **Initial Test**

Start Test Date **2010/03/08 08:30:02**

Final Test Date **2010/03/08 14:15:33**

Date Well Shut-In **2010/02/23 17:55:03**

Tubing OD **73.0 mm**

Tubing ID **62.0 mm**

Tubing Depth(Log KB) **1441.47000 m**

Tubing Depth(TVD KB) **1441.47000 m**

Tubing Pressure: Initial **6299.00 kPa(a)**

Tubing Pressure: Final **6299.00 kPa(a)**

Casing Pressure: Initial **7200.00 kPa(a)**

Casing Pressure: Final **7200.00 kPa(a)**

Casing OD **139.7 mm**

Casing ID **125.7 mm**

Casing Depth(Log KB) **1468.00000 m**

Casing Depth(TVD KB) **1468.00000 m**

Packer Depth(Log KB) **m**

Packer Depth(TVD KB) **m**

PBTD(Log KB) **1438.00 m**

PBTD(TVD KB) **1438.00 m**

Representative

Prepared By **Pam Cruickshank**

Qualified By **Steve Dawson**

Report Date **2010/03/11**

Test Results

Gauge Serial Number **3603**

Run Depth (Log KB) **1426.60 m**

Run Depth (TVD KB) **1426.60 m**

Pressure at Stop Depth **8283.40 kPa(a)**

MPP Depth **1414.00 m**

Representative Pressure at MPP **8150.95 kPa(a)**

Reservoir Temperature **57.51 °C**

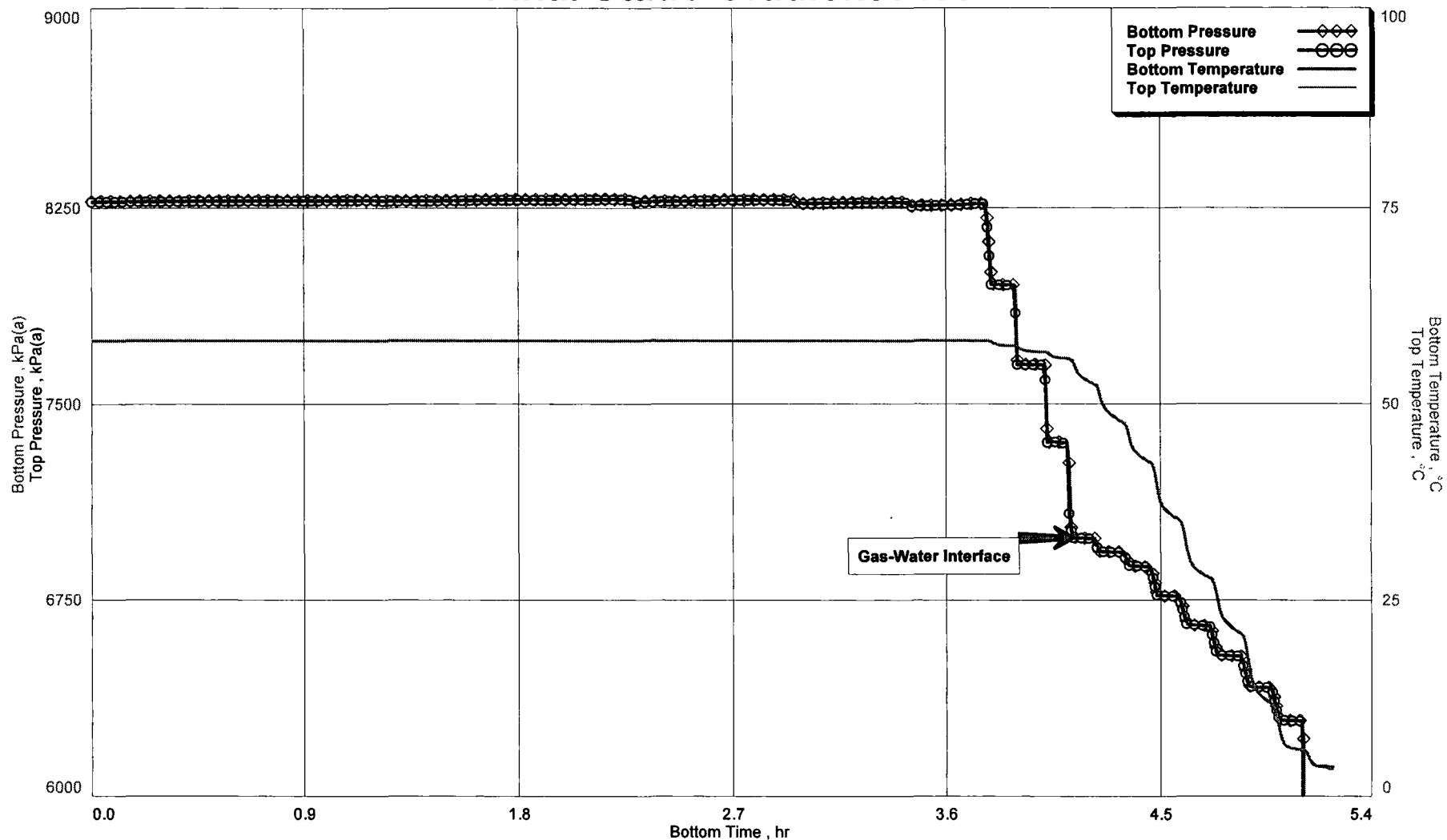
Liquid Level(TVD KB) **1309.72 m**

Remarks

PARAMOUNT RESOURCES LTD.
300 H06 60 10 117 30 0
Start Test Date: 2010/03/08
Final Test Date: 2010/03/08

PARAMOUNT et al CAMERON
Formation: SULPHUR POINT COMMINGLED

Final Static Gradient Plot



Bottom

PARAMOUNT RESOURCES LTD.

300 H06 60 10 117 30 0

Start Test Date: 2010/03/08

Final Test Date: 2010/03/08

PARAMOUNT et al CAMERON

Formation: SULPHUR POINT COMMINGLED

Bottom

Gauge Serial Number	3603	Gauge Type	Strain
Gauge Manufacturer	Pioneer	Maximum Recorder Range	41461.54 kPa
Run Depth (Log KB)	1426.60 m	Date of Last Calibration	2010/02/08
Gauge Start Date	2010/03/08 08:30:02	Gauge Stop Date	2010/03/08 14:15:33
Date Gauge On Bottom	2020/03/08 08:43:33	Date Gauge Off Bottom	2010/03/08 10:43:33

Test Data

Top(TVD KB)	1395.00 m	Bottom(TVD KB)	1433.00 m
Pool Datum Depth (SS)	m	Well Datum Depth	m
Tubing Pressure: Initial	6299.00 kPa(a)	Tubing Pressure: Final	6299.00 kPa(a)
Casing Pressure: Initial	7200.00 kPa(a)	Casing Pressure: Final	7200.00 kPa(a)
Start Test Date	2010/03/08 08:30:02	Date Well Shut-In	2010/02/23 17:55:03

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
1426.60	10:43:32	133.50	8283.40		58.18	
1396.60	12:23:32	100.00	7959.41	10.800	57.51	0.022
1366.60	12:31:02	7.50	7652.85	10.219	56.73	0.026
1336.60	12:36:32	5.50	7353.91	9.965	55.93	0.027
1204.60	12:43:32	7.00	6986.34	2.785	52.57	0.025
1104.60	12:50:32	7.00	6933.43	0.529	47.70	0.049
1004.60	12:57:32	7.00	6878.93	0.545	42.60	0.051
804.60	13:04:32	7.00	6764.56	0.572	35.32	0.036
604.60	13:12:32	8.00	6650.53	0.570	27.81	0.038
404.60	13:20:32	8.00	6532.36	0.591	20.61	0.036
204.60	13:28:02	7.50	6411.96	0.602	11.72	0.044
4.60	13:36:02	8.00	6284.04	0.640	5.86	0.029

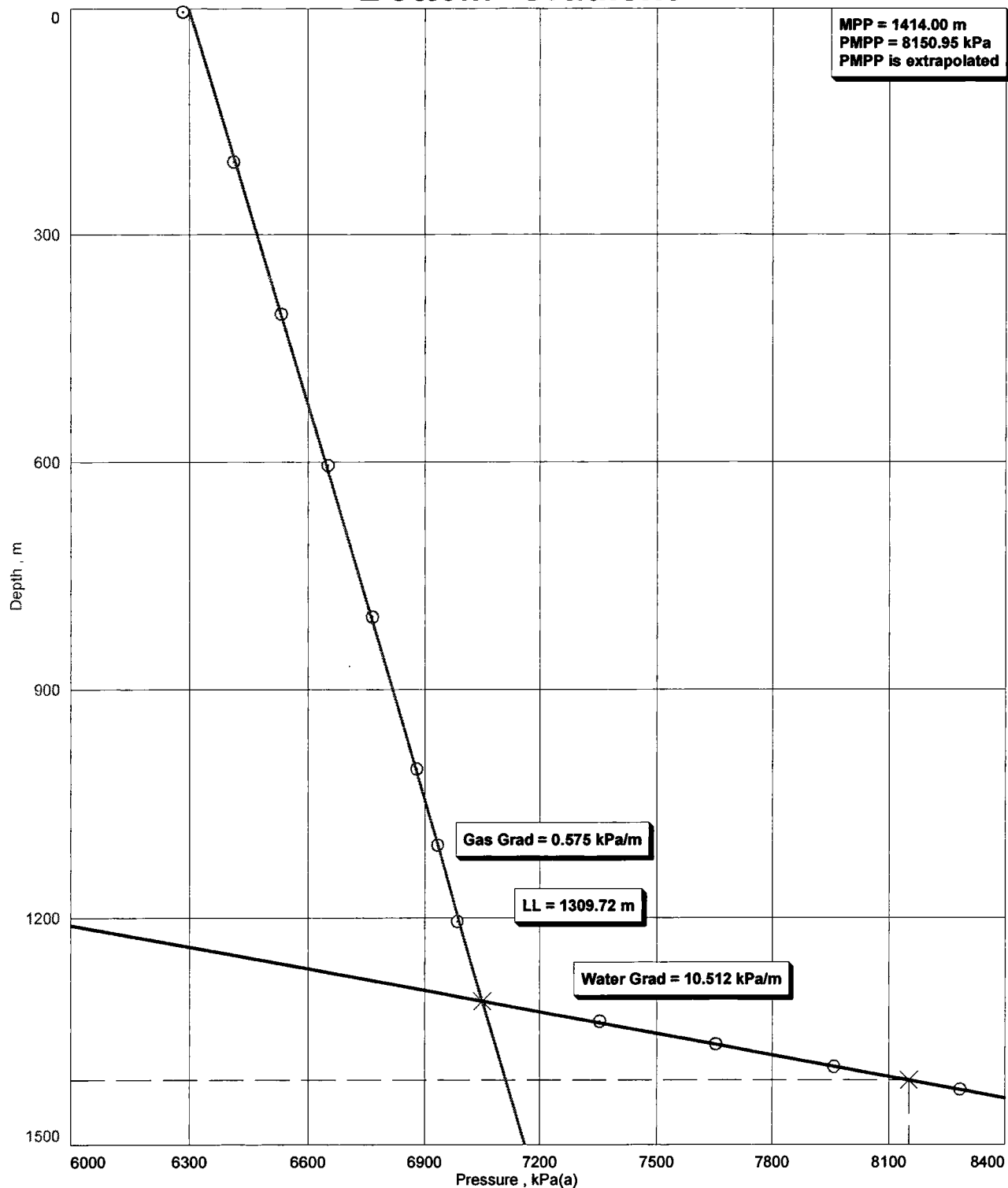
Results

Gas	0.575 kPa/m	Gas - Water Interface	1309.72 m	7051.94 kPa(a)
Water	10.512 kPa/m	MPP	1414.00 m	8150.95 kPa(a)

PARAMOUNT RESOURCES LTD.
300 H06 60 10 117 30 0
Start Test Date: 2010/03/08
Final Test Date: 2010/03/08

PARAMOUNT et al CAMERON
Formation: SULPHUR POINT COMMINGLED

Bottom Gradient



Top

PARAMOUNT RESOURCES LTD.
300 H06 60 10 117 30 0
Start Test Date: 2010/03/08
Final Test Date: 2010/03/08

PARAMOUNT et al CAMERON
Formation: SULPHUR POINT COMMINGLED

Top

Gauge Serial Number	3603	Gauge Type	Strain
Gauge Manufacturer	Pioneer	Maximum Recorder Range	41461.54 kPa
Run Depth (Log KB)	1426.35 m	Date of Last Calibration	2010/02/08
Gauge Start Date	2010/03/08 08:30:03	Gauge Stop Date	2010/03/08 14:15:33
Date Gauge On Bottom	2010/03/08 08:43:33	Date Gauge Off Bottom	2010/03/08 10:43:33

Test Data

Top(TVD KB)	1395.00 m	Bottom(TVD KB)	1433.00 m
Pool Datum Depth (SS)	m	Well Datum Depth	m
Tubing Pressure: Initial	6299.00 kPa(a)	Tubing Pressure: Final	6299.00 kPa(a)
Casing Pressure: Initial	7200.00 kPa(a)	Casing Pressure: Final	7200.00 kPa(a)
Start Test Date	2010/03/08 08:30:02	Date Well Shut-In	2010/02/23 17:55:03

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
1426.35	10:43:33	133.52	8281.52		58.14	
1396.35	12:23:03	99.50	7956.80	10.824	57.49	0.022
1366.35	12:30:33	7.50	7653.35	10.115	56.73	0.025
1336.35	12:36:33	6.00	7353.16	10.006	55.92	0.027
1204.35	12:43:03	6.50	6985.71	2.784	52.62	0.025
1104.35	12:50:33	7.50	6933.05	0.527	47.61	0.050
1004.35	12:57:03	6.50	6877.79	0.553	42.66	0.050
804.35	13:04:33	7.50	6763.29	0.573	35.33	0.037
604.35	13:12:03	7.50	6648.93	0.572	27.97	0.037
404.35	13:20:03	8.00	6533.59	0.577	20.77	0.036
204.35	13:28:03	8.00	6411.85	0.609	11.74	0.045
4.35	13:36:03	8.00	6284.35	0.638	5.78	0.030

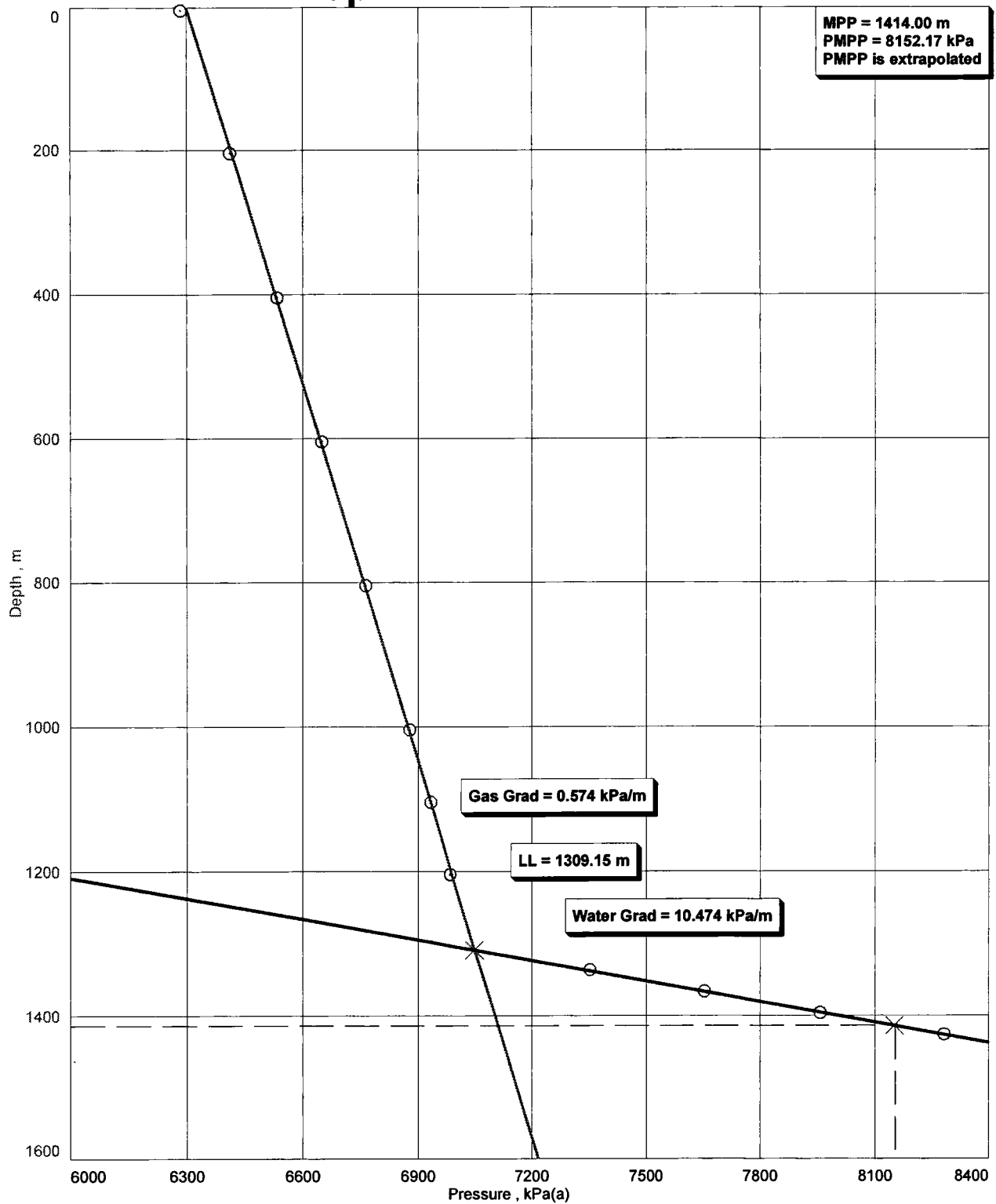
Results

Gas	0.574 kPa/m	Gas - Water Interface	1309.15 m	7050.62 kPa(a)
Water	10.474 kPa/m	MPP	1414.00 m	8152.17 kPa(a)

PARAMOUNT RESOURCES LTD.
300 H06 60 10 117 30 0
Start Test Date: 2010/03/08
Final Test Date: 2010/03/08

PARAMOUNT et al CAMERON
Formation: SULPHUR POINT COMMINGLED

Top Pressure Gradient



Company Name **PARAMOUNT RESOURCES LTD.**
 Unique Well ID **300 H06 60 10 117 30 0**
 Start Test Date **2010/03/08**
 Final Test Date **2010/03/08**

**PARAMOUNT et al CAMERON
 SULPHUR POINT COMMINGLED**

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
1	2010/03/08 08:30:02	0.0000	8274.47	58.18	0.0000	8272.95	58.14
2	2010/03/08 08:32:32	0.0417	8274.73	58.18	0.0417	8273.02	58.13
3	2010/03/08 08:35:02	0.0833	8275.03	58.18	0.0833	8273.16	58.14
4	2010/03/08 08:37:32	0.1250	8275.15	58.18	0.1250	8273.58	58.14
5	2010/03/08 08:40:02	0.1667	8275.40	58.18	0.1667	8273.46	58.13
6	2010/03/08 08:42:32	0.2083	8275.66	58.18	0.2083	8273.41	58.14
7	2010/03/08 08:45:02	0.2500	8275.82	58.18	0.2500	8273.56	58.13
8	2010/03/08 08:47:32	0.2917	8275.94	58.18	0.2917	8273.90	58.14
9	2010/03/08 08:50:02	0.3333	8275.94	58.18	0.3333	8274.39	58.13
10	2010/03/08 08:52:32	0.3750	8275.94	58.18	0.3750	8274.55	58.14
11	2010/03/08 08:55:02	0.4167	8276.18	58.18	0.4167	8274.81	58.13
12	2010/03/08 08:57:32	0.4583	8276.54	58.17	0.4583	8274.95	58.14
13	2010/03/08 09:00:02	0.5000	8276.62	58.18	0.5000	8275.08	58.14
14	2010/03/08 09:02:32	0.5417	8276.75	58.18	0.5417	8275.35	58.14
15	2010/03/08 09:05:02	0.5833	8276.94	58.18	0.5833	8275.41	58.13
16	2010/03/08 09:07:32	0.6250	8277.31	58.18	0.6250	8275.80	58.14
17	2010/03/08 09:10:02	0.6667	8277.56	58.18	0.6667	8275.94	58.13
18	2010/03/08 09:12:32	0.7083	8277.57	58.18	0.7083	8276.26	58.14
19	2010/03/08 09:15:02	0.7500	8277.69	58.18	0.7500	8276.26	58.14
20	2010/03/08 09:17:32	0.7917	8277.91	58.18	0.7917	8276.41	58.14
21	2010/03/08 09:20:02	0.8333	8278.19	58.18	0.8333	8276.46	58.14
22	2010/03/08 09:22:32	0.8750	8278.64	58.18	0.8750	8276.69	58.14
23	2010/03/08 09:25:02	0.9167	8278.59	58.18	0.9167	8276.95	58.14
24	2010/03/08 09:27:32	0.9583	8278.72	58.18	0.9583	8277.06	58.14
25	2010/03/08 09:30:02	1.0000	8278.83	58.18	1.0000	8277.34	58.14
26	2010/03/08 09:32:32	1.0417	8279.27	58.18	1.0417	8277.41	58.14
27	2010/03/08 09:35:02	1.0833	8279.32	58.18	1.0833	8277.81	58.14
28	2010/03/08 09:37:32	1.1250	8279.41	58.18	1.1250	8277.96	58.14
29	2010/03/08 09:40:02	1.1667	8279.31	58.18	1.1667	8278.28	58.13
30	2010/03/08 09:42:32	1.2083	8278.79	58.18	1.2083	8277.34	58.14
31	2010/03/08 09:45:02	1.2500	8277.38	58.19	1.2500	8276.06	58.15
32	2010/03/08 09:47:32	1.2917	8276.74	58.19	1.2917	8275.09	58.15
33	2010/03/08 09:50:02	1.3333	8277.19	58.19	1.3333	8275.48	58.15
34	2010/03/08 09:52:32	1.3750	8277.37	58.18	1.3750	8275.63	58.15
35	2010/03/08 09:55:02	1.4167	8277.37	58.18	1.4167	8275.73	58.14
36	2010/03/08 09:57:32	1.4583	8277.62	58.18	1.4583	8276.00	58.14
37	2010/03/08 10:00:02	1.5000	8277.86	58.18	1.5000	8276.57	58.14
38	2010/03/08 10:02:32	1.5417	8278.40	58.18	1.5417	8277.33	58.14
39	2010/03/08 10:05:02	1.5833	8279.21	58.18	1.5833	8278.10	58.14
40	2010/03/08 10:07:32	1.6250	8280.08	58.18	1.6250	8278.73	58.14
41	2010/03/08 10:10:02	1.6667	8280.96	58.18	1.6667	8279.36	58.14
42	2010/03/08 10:12:32	1.7083	8281.37	58.18	1.7083	8279.69	58.14
43	2010/03/08 10:15:02	1.7500	8281.73	58.18	1.7500	8279.91	58.14
44	2010/03/08 10:17:32	1.7917	8281.90	58.18	1.7917	8279.92	58.14
45	2010/03/08 10:20:02	1.8333	8282.02	58.18	1.8333	8279.92	58.14

Print Filter: Approximately every 5 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	3603	2010/03/08	08:30:02	1426.60 m
Top	3603	2010/03/08	08:30:03	1426.35 m

Company Name **PARAMOUNT RESOURCES LTD.**
 Unique Well ID **300 H06 60 10 117 30 0**
 Start Test Date **2010/03/08**
 Final Test Date **2010/03/08**

PARAMOUNT et al CAMERON
SULPHUR POINT COMMINGLED

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
46	2010/03/08 10:22:32	1.8750	8281.96	58.18	1.8750	8280.00	58.14
47	2010/03/08 10:25:02	1.9167	8281.95	58.18	1.9167	8280.10	58.14
48	2010/03/08 10:27:32	1.9583	8282.12	58.18	1.9583	8280.38	58.14
49	2010/03/08 10:30:02	2.0000	8282.28	58.18	2.0000	8280.48	58.14
50	2010/03/08 10:32:32	2.0417	8282.43	58.18	2.0417	8280.64	58.14
51	2010/03/08 10:35:02	2.0833	8282.33	58.18	2.0833	8280.72	58.14
52	2010/03/08 10:37:32	2.1250	8282.61	58.18	2.1250	8281.09	58.14
53	2010/03/08 10:40:02	2.1667	8282.98	58.18	2.1667	8281.30	58.14
54	2010/03/08 10:42:32	2.2083	8283.33	58.18	2.2083	8281.63	58.14
55	2010/03/08 10:45:02	2.2500	8282.45	58.18	2.2500	8280.49	58.14
56	2010/03/08 10:47:32	2.2917	8272.12	58.18	2.2917	8270.30	58.14
57	2010/03/08 10:50:02	2.3333	8275.13	58.22	2.3333	8272.98	58.18
58	2010/03/08 10:52:32	2.3750	8275.07	58.22	2.3750	8273.30	58.17
59	2010/03/08 10:55:02	2.4167	8275.97	58.21	2.4167	8274.25	58.17
60	2010/03/08 10:57:32	2.4583	8276.33	58.20	2.4583	8274.77	58.16
61	2010/03/08 11:00:02	2.5000	8275.96	58.19	2.5000	8275.19	58.16
62	2010/03/08 11:02:32	2.5417	8277.10	58.19	2.5417	8275.57	58.15
63	2010/03/08 11:05:02	2.5833	8277.23	58.19	2.5833	8276.36	58.15
64	2010/03/08 11:07:32	2.6250	8278.82	58.19	2.6250	8277.35	58.15
65	2010/03/08 11:10:02	2.6667	8279.84	58.18	2.6667	8278.33	58.14
66	2010/03/08 11:12:32	2.7083	8280.48	58.18	2.7083	8278.95	58.14
67	2010/03/08 11:15:02	2.7500	8280.61	58.18	2.7500	8279.25	58.14
68	2010/03/08 11:17:32	2.7917	8280.73	58.18	2.7917	8279.21	58.14
69	2010/03/08 11:20:02	2.8333	8280.61	58.18	2.8333	8279.33	58.14
70	2010/03/08 11:22:32	2.8750	8280.85	58.18	2.8750	8279.26	58.14
71	2010/03/08 11:25:02	2.9167	8280.67	58.18	2.9167	8279.03	58.14
72	2010/03/08 11:27:32	2.9583	8280.48	58.18	2.9583	8277.83	58.14
73	2010/03/08 11:30:02	3.0000	8267.85	58.21	3.0000	8266.27	58.17
74	2010/03/08 11:32:32	3.0417	8267.78	58.21	3.0417	8266.49	58.17
75	2010/03/08 11:35:02	3.0833	8268.46	58.20	3.0833	8267.17	58.17
76	2010/03/08 11:37:32	3.1250	8268.96	58.20	3.1250	8267.70	58.16
77	2010/03/08 11:40:02	3.1667	8269.81	58.19	3.1667	8268.33	58.16
78	2010/03/08 11:42:32	3.2083	8270.62	58.19	3.2083	8269.04	58.15
79	2010/03/08 11:45:02	3.2500	8271.23	58.19	3.2500	8269.65	58.15
80	2010/03/08 11:47:32	3.2917	8271.61	58.19	3.2917	8270.01	58.15
81	2010/03/08 11:50:02	3.3333	8271.68	58.18	3.3333	8270.26	58.15
82	2010/03/08 11:52:32	3.3750	8271.99	58.18	3.3750	8270.62	58.15
83	2010/03/08 11:55:02	3.4167	8271.08	58.18	3.4167	8270.12	58.15
84	2010/03/08 11:57:32	3.4583	8258.32	58.18	3.4583	8256.59	58.15
85	2010/03/08 12:00:02	3.5000	8259.28	58.22	3.5000	8258.01	58.18
86	2010/03/08 12:02:32	3.5417	8259.80	58.21	3.5417	8258.43	58.18
87	2010/03/08 12:05:02	3.5833	8260.51	58.20	3.5833	8259.02	58.17
88	2010/03/08 12:07:32	3.6250	8261.02	58.20	3.6250	8259.57	58.16
89	2010/03/08 12:10:02	3.6667	8262.34	58.19	3.6667	8261.25	58.15
90	2010/03/08 12:12:32	3.7083	8266.10	58.18	3.7083	8264.65	58.15

Print Filter: Approximately every 5 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	3603	2010/03/08	08:30:02	1426.60 m
Top	3603	2010/03/08	08:30:03	1426.35 m

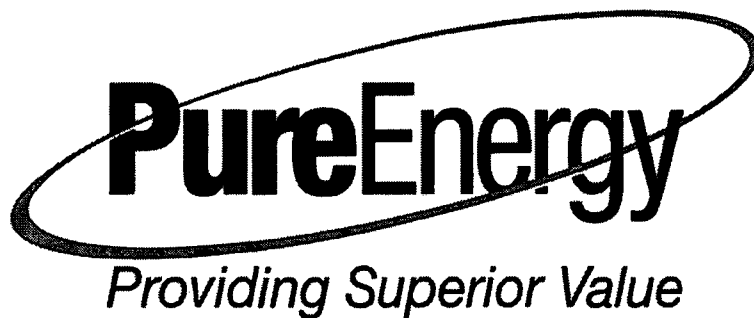
Company Name **PARAMOUNT RESOURCES LTD.**
 Unique Well ID **300 H06 60 10 117 30 0**
 Start Test Date **2010/03/08**
 Final Test Date **2010/03/08**

**PARAMOUNT et al CAMERON
 SULPHUR POINT COMMINGLED**

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
91	2010/03/08 12:15:02	3.7500	8266.35	58.18	3.7500	8265.63	58.14
92	2010/03/08 12:17:32	3.7917	8007.12	58.04	3.7917	7960.99	57.97
93	2010/03/08 12:20:02	3.8333	7960.35	57.62	3.8333	7958.55	57.59
94	2010/03/08 12:22:32	3.8750	7960.31	57.54	3.8750	7958.03	57.50
95	2010/03/08 12:25:02	3.9167	7657.18	57.11	3.9167	7655.40	57.07
96	2010/03/08 12:27:32	3.9583	7655.61	56.83	3.9583	7653.69	56.82
97	2010/03/08 12:30:02	4.0000	7654.51	56.75	4.0000	7653.83	56.74
98	2010/03/08 12:32:32	4.0417	7357.23	56.33	4.0417	7356.50	56.30
99	2010/03/08 12:35:02	4.0833	7353.77	56.00	4.0833	7352.25	55.99
100	2010/03/08 12:37:32	4.1250	7027.41	55.81	4.1250	7016.27	55.75
101	2010/03/08 12:40:02	4.1667	6988.20	53.67	4.1667	6987.70	53.59
102	2010/03/08 12:42:32	4.2083	6986.10	52.83	4.2083	6985.98	52.75
103	2010/03/08 12:45:02	4.2500	6935.93	50.56	4.2500	6936.37	50.34
104	2010/03/08 12:47:32	4.2917	6935.21	48.71	4.2917	6934.15	48.58
105	2010/03/08 12:50:02	4.3333	6933.95	47.84	4.3333	6932.92	47.75
106	2010/03/08 12:52:32	4.3750	6881.54	45.12	4.3750	6881.95	44.95
107	2010/03/08 12:55:02	4.4167	6880.47	43.43	4.4167	6878.52	43.33
108	2010/03/08 12:57:32	4.4583	6878.93	42.60	4.4583	6870.40	42.52
109	2010/03/08 13:00:02	4.5000	6767.17	37.58	4.5000	6769.05	37.51
110	2010/03/08 13:02:32	4.5417	6766.73	35.98	4.5417	6765.28	35.97
111	2010/03/08 13:05:02	4.5833	6754.33	35.16	4.5833	6740.59	35.12
112	2010/03/08 13:07:32	4.6250	6653.31	29.99	4.6250	6652.65	29.95
113	2010/03/08 13:10:02	4.6667	6651.94	28.53	4.6667	6651.97	28.55
114	2010/03/08 13:12:32	4.7083	6650.53	27.81	4.7083	6646.71	27.86
115	2010/03/08 13:15:02	4.7500	6536.84	23.72	4.7500	6535.52	23.62
116	2010/03/08 13:17:32	4.7917	6534.33	21.70	4.7917	6534.43	21.69
117	2010/03/08 13:20:02	4.8333	6532.76	20.76	4.8333	6533.59	20.77
118	2010/03/08 13:22:32	4.8750	6418.21	16.62	4.8750	6417.44	16.36
119	2010/03/08 13:25:02	4.9167	6413.00	12.97	4.9167	6413.61	12.97
120	2010/03/08 13:27:32	4.9583	6412.09	11.89	4.9583	6412.55	11.90
121	2010/03/08 13:30:02	5.0000	6309.61	9.16	5.0000	6298.91	9.02
122	2010/03/08 13:32:32	5.0417	6287.22	6.23	5.0417	6286.38	6.27
123	2010/03/08 13:35:02	5.0833	6284.68	5.93	5.0833	6285.29	5.88
124	2010/03/08 13:37:32	5.1250	1238.65	5.29	5.1250	771.93	5.15
125	2010/03/08 13:40:02	5.1667	102.73	3.82	5.1667	101.17	3.75
126	2010/03/08 13:42:32	5.2083	99.75	3.82	5.2083	99.69	3.53
127	2010/03/08 13:44:02	5.2333	99.53	3.72	5.2333	99.38	3.40

Print Filter: Approximately every 5 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	3603	2010/03/08	08:30:02	1426.60 m
Top	3603	2010/03/08	08:30:03	1426.35 m



Company Name **PARAMOUNT RESOURCES LTD.**

Well Name **PARA et al CAMERON H 06**
Unique Well ID **300 H06 60 10 117 30 0**
Formation **SULPHUR POINT COMMINGLED**
Well License Number **WID 2064**

Test Type **Flow and Buildup**
Start Test Date **2010/02/02**
Final Test Date **2010/03/08**

Prepared By **Pam Cruickshank**
Report Date **2010/03/11**



Pure Energy Services Ltd.
10th Floor, 333 - 11th Avenue SW, Calgary, Alberta T2R 1L9
Phone: 403-262-4000 Fax: 403-237-9731
www.pure-energy.ca

Well Information

Company Name **PARAMOUNT RESOURCES LTD.**

Well Name **PARA et al CAMERON H 06**

Contact **DICK HEENAN**

Surface Location

Unique Well ID **300 H06 60 10 117 30 0**

Well Type **Vertical**

Well Fluid Type **01 Oil**

H2S Indicator **No**

KB Elevation (SL) **773.00 m**

GL Elevation (SL) **768.40 m**

CF Elevation (SL) **768.40 m**

KB-GL Offset **4.60 m**

KB-CF Offset **4.60 m**

Formation **SULPHUR POINT COMMINGLED**

Top(Log KB) **1395.00 m** Bottom(Log KB) **1433.00 m**

Top(TVD KB) **1395.00 m** Bottom(TVD KB) **1433.00 m**

Test Information

Test Type **Flow and Buildup**

Test Purpose **Initial Test**

Start Test Date **2010/02/02 10:03:00**

Final Test Date **2010/03/08 14:15:33**

Date Well Shut-In **2010/02/23 17:55:03**

Tubing OD **73.0 mm**

Tubing ID **62.0 mm**

Tubing Depth(Log KB) **1441.47000 m**

Tubing Depth(TVD KB) **1441.47000 m**

Tubing Pressure: Initial **93.00 kPa(a)**

Tubing Pressure: Final **6299.00 kPa(a)**

Casing OD **139.7 mm**

Casing ID **125.7 mm**

Casing Depth(Log KB) **1468.00000 m**

Casing Depth(TVD KB) **1468.00000 m**

Packer Depth(Log KB) **m**

Packer Depth(TVD KB) **m**

PBTD(Log KB) **1438.00 m**

PBTD(TVD KB) **1438.00 m**

Casing Pressure: Initial **93.00 kPa(a)**

Casing Pressure: Final **7200.00 kPa(a)**

Representative **Steve Wierenga**

Prepared By **Pam Cruickshank**

Qualified By **Steve Dawson**

Report Date **2010/03/11**

Test Results

Gauge Serial Number **3603**

Run Depth (Log KB) **1426.60 m**

Run Depth (TVD KB) **1426.60 m**

Pressure at Stop Depth **8283.40 kPa(a)**

MPP Depth **1414.00 m**

Representative Pressure at MPP **8154.16 kPa(a)**

Reservoir Temperature **58.18 °C**

Remarks

Perfs: Sulphur Point Limestone 1395-1401 m KB, Sulphur Point Dolomite 1410.5-1419 m KB, Sulphur Point Lower 1427-1433 m KB. Top recorder didn't start taking readings until Feb. 23 @ 04:14:00.

Recorder

Company Name	PARAMOUNT RESOURCES LTD.	Well Name	PARA et al CAMERON H 06
Unique Well ID	300 H06 60 10 117 30 0	Formation	SULPHUR POINT COMMINGLED
Start Test Date	2010/02/02		
Final Test Date	2010/03/08		

Gauge Name	Bottom	Gauge Type	Strain
Gauge Serial Number	3603	Gauge Manufacturer	Pioneer
Run Depth (TVD KB)	1426.60 m	Gauge Model	PPS25
Date of Last Calibration	2010/02/08	Maximum Recorder Range	41461.54 kPa
Gauge Start Date	2010/02/22	Gauge Start Time	10:03:01
Gauge Stop Date	2010/03/08	Gauge Stop Time	14:15:33
Date Gauge On Bottom	2010/02/22	Time Gauge On Bottom	20:24:33
Date Gauge Off Bottom	2010/03/08	Time Gauge Off Bottom	10:43:33

Gauge Name	Top	Gauge Type	Strain
Gauge Serial Number	3601	Gauge Manufacturer	Pioneer
Run Depth (TVD KB)	1426.35 m	Gauge Model	PPS25
Date of Last Calibration	2010/02/08	Maximum Recorder Range	41461.54 kPa
Gauge Start Date	2010/02/22	Gauge Start Time	10:03:01
Gauge Stop Date	2010/03/08	Gauge Stop Time	14:15:33
Date Gauge On Bottom	2010/02/22	Time Gauge On Bottom	20:24:33
Date Gauge Off Bottom	2010/03/08	Time Gauge Off Bottom	10:43:33

PARAMOUNT RESOURCES LTD.

300 H06 60 10 117 30 0

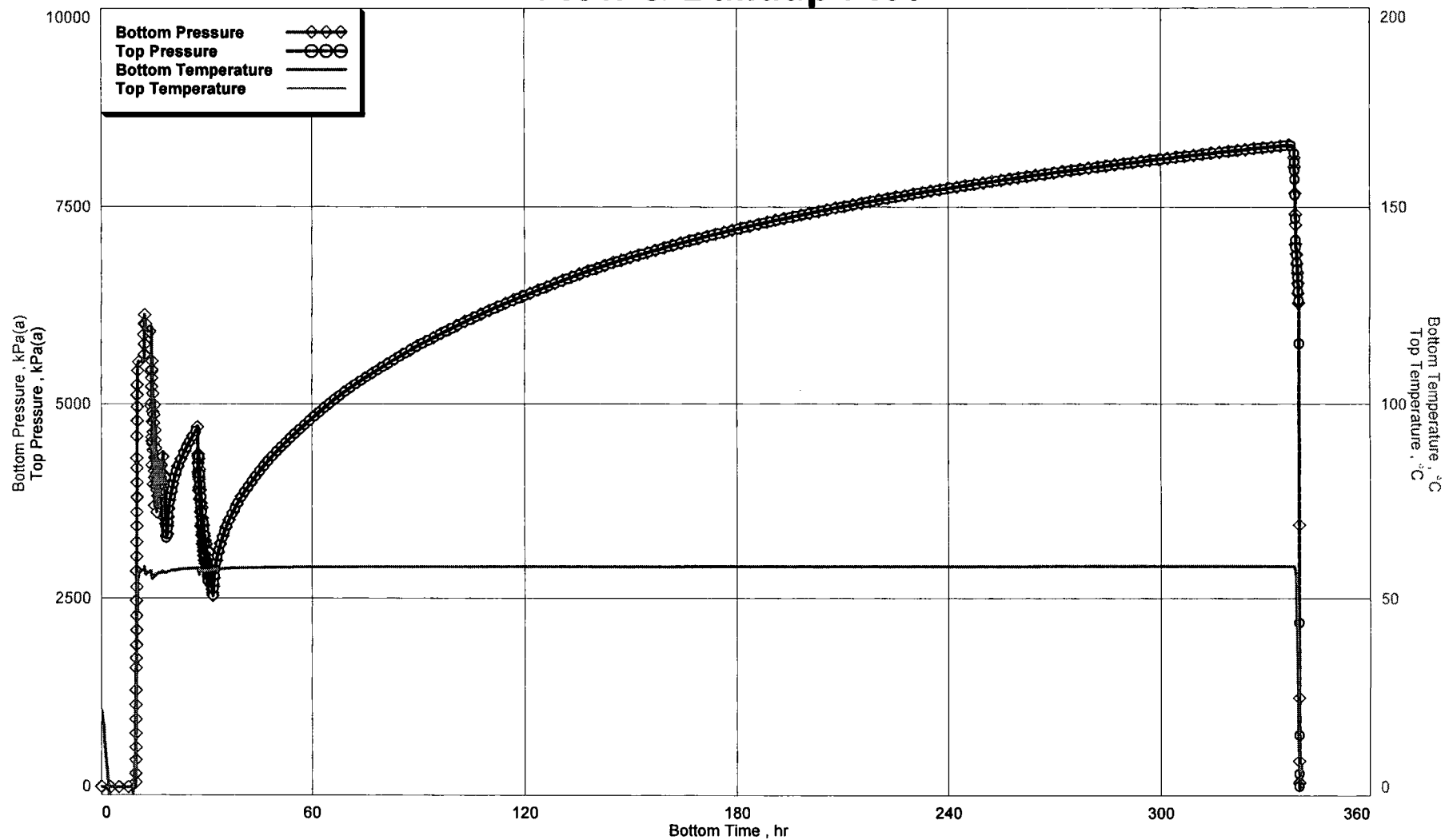
Start Test Date: 2010/02/02

Final Test Date: 2010/03/08

PARA et al CAMERON H 06

Formation: SULPHUR POINT COMMINGLED

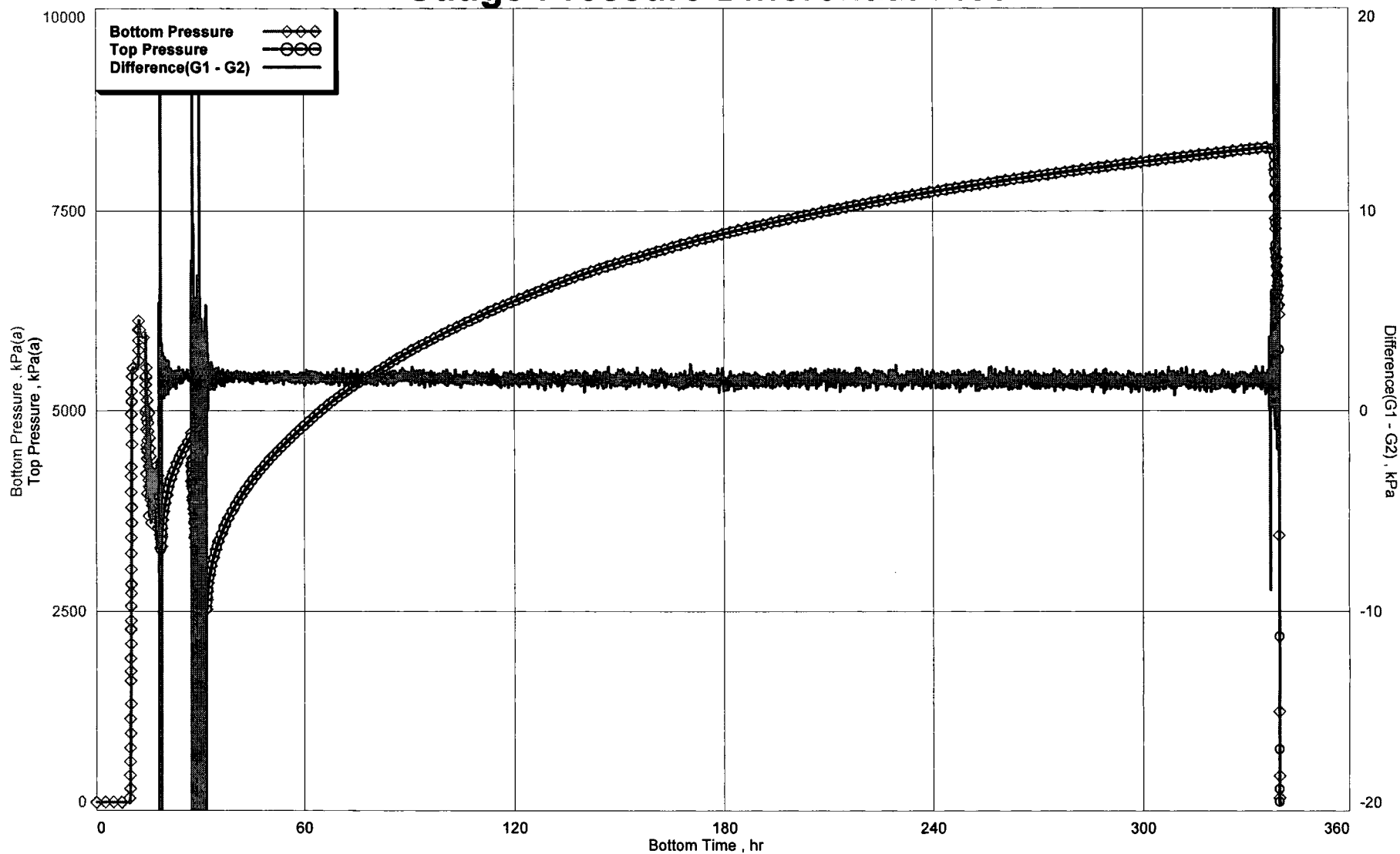
Flow & Buildup Plot



PARAMOUNT RESOURCES LTD.
300 H06 60 10 117 30 0
Start Test Date: 2010/02/02
Final Test Date: 2010/03/08

PARA et al CAMERON H 06
Formation: SULPHUR POINT COMMINGLED

Gauge Pressure Differential Plot



Company Name **PARAMOUNT RESOURCES LTD.**
 Unique Well ID **300 H06 60 10 117 30 0**
 Start Test Date **2010/02/02**
 Final Test Date **2010/03/08**

PARA et al CAMERON H 06
SULPHUR POINT COMMINGLED

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
1	2010/02/22 10:03:02	0.0003	103.19	19.59		18.1919	3727.74	56.55
2	2010/02/22 11:53:03	1.8339	101.70	3.27		20.0255	3877.25	57.01
3	2010/02/22 13:58:03	3.9172	102.26	-6.92		22.1089	4218.88	57.28
4	2010/02/22 16:03:03	6.0006	100.95	-5.08		24.1922	4428.60	57.46
5	2010/02/22 18:08:03	8.0839	102.82	-9.51		26.2755	4598.52	57.55
6	2010/02/22 20:13:03	10.1672	4366.74	46.31		28.3589	3661.94	56.61
7	2010/02/22 20:24:03	10.3506	5515.33	53.58		28.5422	3488.93	56.72
8	2010/02/22 20:24:33	10.3589	5530.14	53.86		28.5506	3504.84	56.72
9	Landed Tandem Pioneer Electronic recorders @ 1426.6 m KB.							
10								
11	2010/02/22 20:25:03	10.3672	5530.61	54.16		28.5589	3518.94	56.73
12	2010/02/22 22:18:03	12.2506	5893.84	57.92		30.4422	2851.38	57.06
13	2010/02/22 22:23:03	12.3339	6146.91	57.23		30.5255	2923.45	57.08
14	2010/02/22 22:23:33	12.3422	6146.71	57.16		30.5339	2928.66	57.08
15	Open well to flow.							
16	2010/02/22 22:24:03	12.3506	6145.55	57.10		30.5422	2934.83	57.08
17	2010/02/23 00:23:03	14.3339	5252.18	55.52		32.5255	2897.49	57.24
18	2010/02/23 02:28:03	16.4172	4214.72	56.45		34.6089	3278.24	57.49
19	2010/02/23 04:33:03	18.5006	3724.95	56.58	3.03	36.6922	3520.55	57.59
20	2010/02/23 06:38:03	20.5839	3990.21	57.12	1.54	38.7755	3708.11	57.65
21	2010/02/23 08:43:03	22.6672	4282.28	57.38	1.66	40.8589	3865.89	57.70
22	2010/02/23 10:48:03	24.7506	4478.74	57.52	1.72	42.9422	4002.75	57.73
23	2010/02/23 12:53:03	26.8339	4641.30	57.61	1.73	45.0255	4126.67	57.76
24	2010/02/23 14:58:03	28.9172	3297.43	56.89	3.76	47.1089	4240.56	57.78
25	2010/02/23 17:03:03	31.0006	2825.68	57.11	3.43	49.1922	4346.52	57.80
26	2010/02/23 17:54:33	31.8589	2774.59	57.14	0.99	50.0506	4388.28	57.81
27	2010/02/23 17:55:03	31.8672	2530.98	57.14	-2.18	50.0589	4388.66	57.81
28	Shut well in for buildup.							
29	2010/02/23 17:55:33	31.8756	2534.05	57.15	4.34	50.0672	4389.04	57.81
30	2010/02/23 19:08:03	33.0839	3030.81	57.37	2.35	51.2755	4446.20	57.82
31	2010/02/23 21:13:03	35.1672	3352.31	57.55	1.74	53.3589	4540.81	57.83
32	2010/02/23 23:18:03	37.2506	3576.34	57.64	1.76	55.4422	4631.06	57.84
33	2010/02/24 01:23:03	39.3339	3754.47	57.70	1.74	57.5255	4717.86	57.85
34	2010/02/24 03:28:03	41.4172	3905.61	57.74	1.53	59.6089	4801.34	57.86
35	2010/02/24 05:33:03	43.5006	4039.06	57.77	1.56	61.6922	4881.40	57.87
36	2010/02/24 07:38:03	45.5839	4159.60	57.80	1.69	63.7755	4959.34	57.88
37	2010/02/24 09:43:03	47.6672	4271.25	57.82	1.92	65.8589	5034.10	57.88
38	2010/02/24 11:48:03	49.7506	4375.46	57.84	1.79	67.9422	5106.59	57.89
39	2010/02/24 13:53:03	51.8339	4473.62	57.86	1.64	70.0255	5176.92	57.89
40	2010/02/24 15:58:03	53.9172	4567.12	57.87	1.69	72.1089	5244.64	57.90
41	2010/02/24 18:03:03	56.0006	4656.38	57.88	1.64	74.1922	5310.05	57.90
42	2010/02/24 20:08:03	58.0839	4742.06	57.89	1.71	76.2755	5373.18	57.91
43	2010/02/24 22:13:03	60.1672	4824.59	57.90	1.34	78.3589	5434.67	57.91
44	2010/02/25 00:18:03	62.2506	4904.56	57.91	1.83	80.4422	5496.82	57.91
45	2010/02/25 02:23:03	64.3339	4981.19	57.91	1.64	82.5255	5556.76	57.92

Print Filter: Approximately every 250 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	3603	2010/02/22	10:03:01	1426.60 m
Top	3601	2010/02/22	10:03:01	1426.35 m

Company Name **PARAMOUNT RESOURCES LTD.**
 Unique Well ID **300 H06 60 10 117 30 0**
 Start Test Date **2010/02/02**
 Final Test Date **2010/03/08**

PARA et al CAMERON H 06
SULPHUR POINT COMMINGLED

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
46	2010/02/25 04:28:03	66.4172	5055.43	57.92	1.52	84.6089	5614.41	57.92
47	2010/02/25 06:33:03	68.5006	5127.31	57.93	1.54	86.6922	5670.63	57.92
48	2010/02/25 08:38:03	70.5839	5196.87	57.93	1.76	88.7755	5724.85	57.92
49	2010/02/25 10:43:03	72.6672	5264.04	57.94	1.40	90.8589	5776.46	57.93
50	2010/02/25 12:48:03	74.7506	5328.08	57.94	1.29	92.9422	5823.40	57.95
51	2010/02/25 14:53:03	76.8339	5391.35	57.94	1.51	95.0255	5872.60	57.96
52	2010/02/25 16:58:03	78.9172	5453.18	57.94	1.73	97.1089	5920.77	57.97
53	2010/02/25 19:03:03	81.0006	5514.70	57.95	1.55	99.1922	5967.64	57.97
54	2010/02/25 21:08:03	83.0839	5574.02	57.95	1.65	101.2756	6013.94	57.97
55	2010/02/25 23:13:03	85.1672	5631.44	57.95	1.69	103.3589	6058.71	57.98
56	2010/02/26 01:18:03	87.2506	5687.18	57.95	1.83	105.4422	6103.41	57.98
57	2010/02/26 03:23:03	89.3339	5740.99	57.95	1.78	107.5256	6146.64	57.99
58	2010/02/26 05:28:03	91.4172	5791.91	57.98	2.04	109.6089	6188.76	57.99
59	2010/02/26 07:33:03	93.5006	5837.97	58.00	1.48	111.6922	6230.04	57.99
60	2010/02/26 09:38:03	95.5839	5887.62	58.00	1.84	113.7756	6270.43	58.00
61	2010/02/26 11:43:03	97.6672	5935.10	58.00	1.62	115.8589	6309.68	58.00
62	2010/02/26 13:48:03	99.7506	5982.00	58.01	1.71	117.9422	6348.46	58.00
63	2010/02/26 15:53:03	101.8339	6027.75	58.01	1.84	120.0256	6386.35	58.01
64	2010/02/26 17:58:03	103.9172	6072.49	58.02	1.71	122.1089	6423.47	58.01
65	2010/02/26 20:03:03	106.0006	6116.47	58.02	1.57	124.1922	6460.44	58.01
66	2010/02/26 22:08:03	108.0839	6159.62	58.02	1.77	126.2756	6496.16	58.01
67	2010/02/27 00:13:03	110.1672	6201.73	58.03	1.67	128.3589	6533.47	58.01
68	2010/02/27 02:18:03	112.2506	6242.88	58.03	1.90	130.4422	6570.00	58.02
69	2010/02/27 04:23:03	114.3339	6282.63	58.03	1.44	132.5256	6605.11	58.02
70	2010/02/27 06:28:03	116.4172	6321.82	58.04	1.55	134.6089	6639.46	58.02
71	2010/02/27 08:33:03	118.5006	6360.58	58.04	1.67	136.6922	6672.97	58.02
72	2010/02/27 10:38:03	120.5839	6398.11	58.05	1.59	138.7756	6705.35	58.02
73	2010/02/27 12:43:03	122.6672	6434.81	58.05	1.81	140.8589	6736.83	58.03
74	2010/02/27 14:48:03	124.7506	6471.66	58.05	1.93	142.9422	6767.79	58.03
75	2010/02/27 16:53:03	126.8339	6507.76	58.05	1.26	145.0256	6797.26	58.03
76	2010/02/27 18:58:03	128.9172	6544.73	58.06	1.62	147.1089	6825.71	58.03
77	2010/02/27 21:03:03	131.0006	6581.05	58.05	1.79	149.1922	6853.65	58.03
78	2010/02/27 23:08:03	133.0839	6616.01	58.06	1.50	151.2756	6881.25	58.04
79	2010/02/28 01:13:03	135.1672	6650.10	58.06	1.63	153.3589	6907.63	58.04
80	2010/02/28 03:18:03	137.2506	6683.40	58.06	1.73	155.4422	6933.98	58.04
81	2010/02/28 05:23:03	139.3339	6715.41	58.06	1.32	157.5256	6960.35	58.04
82	2010/02/28 07:28:03	141.4172	6747.17	58.07	1.55	159.6089	6986.58	58.04
83	2010/02/28 09:33:03	143.5006	6777.29	58.07	1.82	161.6922	7012.20	58.05
84	2010/02/28 11:38:03	145.5839	6806.87	58.07	1.94	163.7756	7037.79	58.05
85	2010/02/28 13:43:03	147.6672	6835.02	58.07	1.74	165.8589	7062.64	58.05
86	2010/02/28 15:48:03	149.7506	6862.67	58.07	1.80	167.9422	7087.24	58.05
87	2010/02/28 17:53:03	151.8339	6889.89	58.08	1.67	170.0256	7111.17	58.05
88	2010/02/28 19:58:03	153.9172	6916.44	58.07	1.59	172.1089	7134.49	58.05
89	2010/02/28 22:03:03	156.0006	6942.56	58.08	1.66	174.1922	7157.42	58.06
90	2010/03/01 00:08:03	158.0839	6968.84	58.08	1.64	176.2756	7180.08	58.06

Print Filter: Approximately every 250 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	3603	2010/02/22	10:03:01	1426.60 m
Top	3601	2010/02/22	10:03:01	1426.35 m

Company Name **PARAMOUNT RESOURCES LTD.**
 Unique Well ID **300 H06 60 10 117 30 0**
 Start Test Date **2010/02/02**
 Final Test Date **2010/03/08**

PARA et al CAMERON H 06
SULPHUR POINT COMMINGLED

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
91	2010/03/01 02:13:03	160.1672	6995.00	58.08	1.38	178.3589	7202.59	58.06
92	2010/03/01 04:18:03	162.2506	7020.86	58.08	1.89	180.4422	7224.14	58.06
93	2010/03/01 06:23:03	164.3339	7045.84	58.09	1.51	182.5256	7245.76	58.06
94	2010/03/01 08:28:03	166.4172	7070.52	58.09	1.39	184.6089	7266.84	58.06
95	2010/03/01 10:33:03	168.5006	7095.26	58.09	1.71	186.6922	7287.55	58.07
96	2010/03/01 12:38:03	170.5839	7119.15	58.09	1.72	188.7756	7308.18	58.07
97	2010/03/01 14:43:03	172.6672	7142.35	58.09	1.64	190.8589	7328.44	58.07
98	2010/03/01 16:48:03	174.7506	7165.22	58.09	1.75	192.9422	7348.39	58.07
99	2010/03/01 18:53:03	176.8339	7187.54	58.10	1.30	195.0256	7368.17	58.07
100	2010/03/01 20:58:03	178.9172	7209.73	58.10	1.61	197.1089	7387.70	58.07
101	2010/03/01 23:03:03	181.0006	7231.31	58.10	1.32	199.1922	7407.15	58.08
102	2010/03/02 01:08:03	183.0839	7252.93	58.10	1.53	201.2756	7426.18	58.08
103	2010/03/02 03:13:03	185.1672	7274.13	58.10	1.78	203.3589	7444.81	58.08
104	2010/03/02 05:18:03	187.2506	7294.81	58.11	1.81	205.4422	7463.23	58.08
105	2010/03/02 07:23:03	189.3339	7315.37	58.11	1.52	207.5256	7482.01	58.08
106	2010/03/02 09:28:03	191.4172	7335.20	58.11	1.41	209.6089	7499.54	58.08
107	2010/03/02 11:33:03	193.5006	7355.54	58.11	1.74	211.6922	7517.37	58.08
108	2010/03/02 13:38:03	195.5839	7375.22	58.11	1.56	213.7756	7534.88	58.08
109	2010/03/02 15:43:03	197.6672	7394.57	58.11	1.37	215.8589	7552.26	58.08
110	2010/03/02 17:48:03	199.7506	7413.79	58.12	1.71	217.9422	7569.36	58.08
111	2010/03/02 19:53:03	201.8339	7432.53	58.12	1.31	220.0256	7586.51	58.08
112	2010/03/02 21:58:03	203.9172	7451.49	58.12	1.34	222.1089	7602.98	58.08
113	2010/03/03 00:03:03	206.0006	7469.96	58.12	1.56	224.1922	7619.42	58.08
114	2010/03/03 02:08:03	208.0839	7488.10	58.12	1.59	226.2756	7635.42	58.09
115	2010/03/03 04:13:03	210.1672	7506.11	58.12	1.52	228.3589	7651.26	58.09
116	2010/03/03 06:18:03	212.2506	7523.69	58.12	1.50	230.4422	7666.92	58.09
117	2010/03/03 08:23:03	214.3339	7541.33	58.12	1.73	232.5256	7682.45	58.09
118	2010/03/03 10:28:03	216.4172	7558.60	58.12	1.48	234.6089	7697.96	58.09
119	2010/03/03 12:33:03	218.5006	7575.78	58.12	1.61	236.6922	7713.07	58.10
120	2010/03/03 14:38:03	220.5839	7592.60	58.13	1.83	238.7756	7728.21	58.09
121	2010/03/03 16:43:03	222.6672	7609.18	58.12	1.73	240.8589	7743.53	58.09
122	2010/03/03 18:48:03	224.7506	7625.37	58.13	1.46	242.9422	7757.81	58.10
123	2010/03/03 20:53:03	226.8339	7641.18	58.13	1.49	245.0256	7772.28	58.10
124	2010/03/03 22:58:03	228.9172	7657.05	58.13	1.72	247.1089	7786.65	58.10
125	2010/03/04 01:03:03	231.0006	7673.12	58.13	1.51	249.1922	7801.03	58.10
126	2010/03/04 03:08:03	233.0839	7688.58	58.13	1.76	251.2756	7814.97	58.10
127	2010/03/04 05:13:03	235.1672	7703.98	58.13	1.86	253.3589	7828.64	58.10
128	2010/03/04 07:18:03	237.2506	7718.93	58.13	1.30	255.4422	7842.59	58.10
129	2010/03/04 09:23:03	239.3339	7733.70	58.13	1.35	257.5256	7856.17	58.10
130	2010/03/04 11:28:03	241.4172	7748.72	58.14	1.63	259.6089	7869.48	58.10
131	2010/03/04 13:33:03	243.5006	7763.44	58.13	1.49	261.6922	7882.74	58.10
132	2010/03/04 15:38:03	245.5839	7778.34	58.14	1.98	263.7756	7895.92	58.11
133	2010/03/04 17:43:03	247.6672	7792.11	58.14	1.24	265.8589	7909.10	58.11
134	2010/03/04 19:48:03	249.7506	7806.36	58.14	1.56	267.9422	7922.11	58.11
135	2010/03/04 21:53:03	251.8339	7820.42	58.14	1.65	270.0256	7935.09	58.11

Print Filter: Approximately every 250 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	3603	2010/02/22	10:03:01	1426.60 m
Top	3601	2010/02/22	10:03:01	1426.35 m

Company Name **PARAMOUNT RESOURCES LTD.**
 Unique Well ID **300 H06 60 10 117 30 0**
 Start Test Date **2010/02/02**
 Final Test Date **2010/03/08**

PARA et al CAMERON H 06
SULPHUR POINT COMMINGLED

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
136	2010/03/04 23:58:03	253.9172	7834.07	58.14	1.77	272.1089	7947.86	58.11
137	2010/03/05 02:03:03	256.0006	7847.73	58.14	1.55	274.1922	7960.47	58.12
138	2010/03/05 04:08:03	258.0839	7861.12	58.14	1.50	276.2756	7972.90	58.12
139	2010/03/05 06:13:03	260.1672	7874.88	58.15	1.79	278.3589	7985.01	58.11
140	2010/03/05 08:18:03	262.2506	7888.07	58.14	1.77	280.4422	7997.43	58.12
141	2010/03/05 10:23:03	264.3339	7901.12	58.15	1.60	282.5256	8008.99	58.12
142	2010/03/05 12:28:03	266.4172	7914.28	58.15	1.63	284.6089	8021.04	58.12
143	2010/03/05 14:33:03	268.5006	7927.00	58.15	1.38	286.6922	8032.53	58.12
144	2010/03/05 16:38:03	270.5839	7939.85	58.15	1.38	288.7756	8044.18	58.12
145	2010/03/05 18:43:03	272.6672	7952.84	58.15	1.90	290.8589	8055.54	58.12
146	2010/03/05 20:48:03	274.7506	7965.23	58.15	1.25	292.9422	8066.97	58.12
147	2010/03/05 22:53:03	276.8339	7977.56	58.15	1.85	295.0256	8078.47	58.12
148	2010/03/06 00:58:03	278.9172	7989.80	58.16	1.47	297.1089	8089.37	58.12
149	2010/03/06 03:03:03	281.0006	8001.89	58.16	1.20	299.1922	8100.21	58.12
150	2010/03/06 05:08:03	283.0839	8013.93	58.16	2.09	301.2756	8110.99	58.13
151	2010/03/06 07:13:03	285.1672	8025.79	58.16	1.71	303.3589	8122.19	58.12
152	2010/03/06 09:18:03	287.2506	8037.13	58.16	1.63	305.4422	8132.67	58.13
153	2010/03/06 11:23:03	289.3339	8049.12	58.16	2.00	307.5256	8143.56	58.13
154	2010/03/06 13:28:03	291.4172	8060.36	58.16	1.55	309.6089	8153.99	58.13
155	2010/03/06 15:33:03	293.5006	8071.57	58.16	1.58	311.6922	8164.54	58.13
156	2010/03/06 17:38:03	295.5839	8082.95	58.16	1.73	313.7756	8175.02	58.13
157	2010/03/06 19:43:03	297.6672	8093.63	58.17	1.57	315.8589	8185.22	58.13
158	2010/03/06 21:48:03	299.7506	8104.68	58.16	1.39	317.9422	8195.91	58.13
159	2010/03/06 23:53:03	301.8339	8115.39	58.17	1.09	320.0256	8205.56	58.13
160	2010/03/07 01:58:03	303.9172	8126.52	58.17	1.70	322.1089	8215.44	58.13
161	2010/03/07 04:03:03	306.0006	8137.26	58.17	1.49	324.1922	8225.29	58.13
162	2010/03/07 06:08:03	308.0839	8147.85	58.17	1.91	326.2756	8235.20	58.13
163	2010/03/07 08:13:03	310.1672	8158.26	58.17	1.53	328.3589	8244.87	58.13
164	2010/03/07 10:18:03	312.2506	8168.79	58.17	1.64	330.4422	8254.42	58.13
165	2010/03/07 12:23:03	314.3339	8179.24	58.17	1.56	332.5256	8264.19	58.13
166	2010/03/07 14:28:03	316.4172	8189.55	58.17	1.68	334.6089	8273.47	58.14
167	2010/03/07 16:33:03	318.5006	8199.80	58.17	1.58	336.6922	8281.24	58.14
168	2010/03/07 18:38:03	320.5839	8209.42	58.17	1.32	338.7756	6933.63	47.89
169	2010/03/07 20:43:03	322.6672	8219.67	58.17	1.54	339.6839	99.38	3.40
170	2010/03/07 22:48:03	324.7506	8229.85	58.17	2.02			
171	2010/03/08 00:53:03	326.8339	8239.41	58.18	1.57			
172	2010/03/08 02:58:03	328.9172	8249.28	58.17	1.53			
173	2010/03/08 05:03:03	331.0006	8258.73	58.18	1.68			
174	2010/03/08 07:08:03	333.0839	8268.46	58.17	1.92			
175	2010/03/08 09:13:03	335.1672	8277.53	58.18	1.30			
176	2010/03/08 10:43:33	336.6756	8283.40	58.18	1.87			
177	2010/03/08 10:44:03	336.6839	8283.19	58.18	1.80			
178	Recorders off bottom.							
179								
180	2010/03/08 10:44:33	336.6922	8282.71	58.18	1.48			

Print Filter: Approximately every 250 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	3603	2010/02/22	10:03:01	1426.60 m
Top	3601	2010/02/22	10:03:01	1426.35 m

Company Name **PARAMOUNT RESOURCES LTD.**
 Unique Well ID **300 H06 60 10 117 30 0**
 Start Test Date **2010/02/02**
 Final Test Date **2010/03/08**

PARA et al CAMERON H 06
SULPHUR POINT COMMINGLED

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
181	2010/03/08 11:18:03	337.2506	8280.79	58.18	1.57			
182	2010/03/08 13:23:03	339.3339	6414.70	15.07	-0.82			
183	2010/03/08 14:15:33	340.2089	99.26	7.98				

Print Filter: Approximately every 250 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	3603	2010/02/22	10:03:01	1426.60 m
Top	3601	2010/02/22	10:03:01	1426.35 m



Container Identification			
5002774			
Operator Name			Laboratory Number
PARAMOUNT RESOURCES LTD.			10G389475A
Unique Well Identifier	Well Name		
300G476600126300	PARA et al CAMERON H-06		
Field or Area	Pool or Zone	Sampler's Company	
CAMERON	SULPHUR POINT	AXEL PRODUCTION SERVICES	
Well License	Elevation	Test Type	Test No.
	KB m 773.00 GRD m		
Name of Sampler			
Test Interval or Perfs mKB	Sampling Point	Separator	Reservoir
1412.5-1430.0	WELLHEAD		
mKB		Pressure (kPa)	27
		Temperature	-10
			21
Date Sampled	Date Received	Date Analyzed	Date Reported
Feb 23, 2010	Mar 02, 2010	Mar 13, 2010	Mar 13, 2010
		Entered By	Certified By
Other Information			
U/L DOLEMITE/LIMESTONE, H2S: FIELD = 2000 ppm, LAB = N/D			

* Results relate only to the items tested

COMP	MOLE FRACTION		PETROLEUM LIQUID mL / m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0003	0.0003	
He	0.0007	0.0008	
N2	0.1685	0.1952	
CO2	0.1346	0.0000	
H2S	0.0020	0.0000	
C1	0.4998	0.5788	
C2	0.0494	0.0572	219.7
C3	0.0598	0.0693	
IC4	0.0201	0.0233	
NC4	0.0416	0.0482	
IC5	0.0092	0.0107	
NC5	0.0068	0.0079	
C6	0.0037	0.0043	22.5
C7+	0.0035	0.0040	
Total	1.0000	1.0000	603.0

Exceeds normal limits:
N2, CO2

GROSS HEATING VALUE MJ/m³ 15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free	C7+, Air Free As Received
39.26	45.38	0.75

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free	C7+, Moisture Free	C7+, Portion Whole Density	C7+ Density (kg/m3)	Total Sample Density(kg/m3)
0.977	0.892	3.639	0.013	695.4	1.196

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4682.5	232.5	4252.5	221.1

RELATIVE MOLECULAR MASS

Total Gas	C7+
28.3	105.4

VAPOUR PRESSURE (Pentanes +)

94.14 kPa

H2S g/m³

2.88



TRICAN Treatment Report

Customer: PARAMOUNT RESOURCES LTD.
Customer Rep: Kim Mcloed
Base: High Level
Service Order #: 687158
Formation: Sulphur Point (Upper & Lower)
Program #: 233642
Location: H-06 60 10 117 30
Well Name: Paramount et al Camer..
Well Type: Gas & Oil
Rig #: 41

Date: Feb-16-2010 07:00 (MST)
Treatment Type: Selective Acid Treatment
Supervisor: Langille, Robert
Project #:

Schedule 1

Treatment Information

Acid Sample: No

Max Casing Pressure:

Max Treatment Pressure:

Max Tubing Pressure:

Min Treatment Pressure:

Instructions:

Tubing / Casing						
Tubular	Size (mm)	Top (m TMD)	Bottom (m TMD)	Grade	Weight (kg/m)	Interval Volume (m³)
API Tubing	73.00	0.0	1433.0			4.33
Casing	139.70	0.0	1460.0			18.59

Schedule Information

Comments:

Total Depth:

Measured Depth:

Hole Size: 0.00 mm

Hole Volume: 0.00 m³

Frac Gradient:

Perforations	
Perforations	1410.5 - 1412.5 m
Perforations	1413.5 - 1415.5 m
Perforations	1418 - 1419 m
Perforations	1427 - 1429 m
Perforations	1430 - 1433 m

Total Fluid Information							
Chemical Name	Total	Chemical Name	Total	Chemical Name	Total	Chemical Name	Total
Produced Water	35.68 m³	HCl (15%)	10.85 m³	IC-4	108.50 L	AI-7NR	108.50 L
IF-1	8.68 kg	IF-2	10.85 kg	ASA-60	217.00 L	DF-1	1.09 L
SI-2	10.85 L	Water	0.00 m³				

Fluid Systems Information

Tank Group Name	Tank Fluid Density (kg/m³)	Tank Fluid Temp (°C)	Tank Fluids Names	Fluid System Name	Additives
Clean and Filtered Produced Water			Produced Water (100%; 35.68 m³)	Produced Water	
Platinum 5000 - 15% HCl			HCl (15%) (100%; 10.85 m³)	Platinum 5000	IC-4 (10.0 L/m³, 108.50 L, bulk plant); AI-7NR (10.0 L/m³, 108.50 L, bulk plant); IF-1 (0.8 kg/m³, 8.68 kg, bulk plant); IF-2 (1.0 kg/m³, 10.85 kg, bulk plant); ASA-60 (20.0 L/m³, 217.00 L, bulk plant); DF-1 (0.1 L/m³, 1.09 L, bulk plant); SI-2 (1.0 L/m³, 10.85 L, bulk plant)

Customer: PARAMOUNT RESOURCES LTD.
Customer Rep: Kim Mcloed
Base: High Level
Service Order #: 687158
Formation: Sulphur Point (Upper & Lower)
Program #: 233642

Location: H-06 60 10 117 30
Well Name: Paramount et al Camer..
Well Type: Gas & Oil
Rig #: 41

Date: Feb-16-2010 07:00 (MST)
Treatment Type: Selective Acid Treatment
Supervisor: Langille, Robert
Project #:

Schedule Details												
#	Time	Tubing (MPa)	Casing (MPa)	Base Fluid	Base Fluid Rate (m³/min)	Base Fluid Per Stage (m³)	Base fluid Cum. Total (m³)	Interval From (m)	Interval To (m)	Fluid in Formation (m³)	Fluid in Formation Cum. Total (m³)	Remarks
1	06:30				0.00	0.00					0.00	Arrive on Location
2	10:30				0.00	0.00					0.00	Rigged in By
3	10:35				0.00	0.00					0.00	Safety Meeting
4	11:09			Produced Water	0.00	2.00	2.00				0.00	Water Ahead
5	11:40			Produced Water	0.00	0.00	2.00				0.00	Pressure Test
6	11:45			Platinum 5000	0.00	1.00	3.00				0.00	Pickle
7	11:52			Produced Water	0.00	2.50	5.50				0.00	Displace Pickle
8	12:10				0.00	0.00	5.50				0.00	Shut down
9	12:11			Produced Water	0.00	17.00	22.50				0.00	Reverse Circulate
10	13:15			Platinum 5000	0.00	4.30	26.80				0.00	Pump Acid
11	14:06			Platinum 5000	0.00	0.20	27.00	1427.0	1433.0		0.00	Wash#1
12	14:08				0.00	0.00	27.00	1427.0	1433.0		0.00	Shut down
13	14:28			Platinum 5000	0.00	0.20	27.20	1427.0	1433.0		0.00	Wash #2
14	14:30				0.00	0.00	27.20	1427.0	1433.0		0.00	Shut down
15	14:36	0.0	0.7	Platinum 5000	0.04	0.07	27.27	1427.0	1433.0	0.07	0.07	Squeeze #1
16	14:37	7.0	7.8		0.00	0.00	27.27	1430.0	1433.0		0.07	Stop Pump
17	14:45	5.0	5.6	Platinum 5000	0.03	0.09	27.36	1430.0	1433.0	0.09	0.16	Selective Treatment
18	14:46	7.0	7.7		0.00	0.00	27.36	1430.0	1433.0		0.16	Stop Pump
19	14:50	5.0	5.6	Platinum 5000	0.02	0.03	27.39	1430.0	1433.0	0.03	0.19	Selective Treatment
20	14:51	8.0	8.6		0.00	0.00	27.39	1430.0	1433.0		0.19	Stop Pump
21	15:00	5.0	5.6	Platinum 5000	0.03	0.04	27.43	1430.0	1433.0	0.04	0.23	Selective Treatment
22	15:01	8.0	8.6		0.00	0.00	27.43	1430.0	1433.0		0.23	Stop Pump
23	15:08	5.0	5.6	Platinum 5000	0.03	0.03	27.46	1430.0	1433.0	0.03	0.26	Selective Treatment
24	15:09	8.0	8.6		0.00	0.00	27.46	1430.0	1433.0		0.26	Stop Pump
25	15:18	5.0	5.6	Platinum 5000	0.03	0.04	27.50	1430.0	1433.0	0.04	0.30	Selective Treatment
26	15:20	8.0	8.6		0.00	0.00	27.50	1430.0	1433.0		0.30	Stop Pump
27	15:24	6.0	6.6	Platinum 5000	0.00	0.04	27.54	1430.0	1433.0	0.04	0.34	Selective Treatment
28	15:25	9.0	9.6		0.00	0.00	27.54	1430.0	1433.0		0.34	Stop Pump
29	15:32	6.0	6.6	Platinum 5000	0.03	0.03	27.57	1430.0	1433.0	0.03	0.37	Selective Treatment
30	15:33	9.0	9.6		0.00	0.00	27.57	1430.0	1433.0		0.37	Stop Pump
31	15:39	6.0	6.6	Platinum 5000	0.03	0.04	27.61	1430.0	1433.0	0.04	0.41	Selective Treatment
32	15:40	9.0	9.6		0.00	0.00	27.61	1430.0	1433.0		0.41	Stop Pump
33	15:47	6.0	6.6	Platinum 5000	0.04	0.04	27.65	1430.0	1433.0	0.04	0.45	Selective Treatment
34	15:48	9.0	9.6		0.00	0.00	27.65	1430.0	1433.0		0.45	Stop Pump
35	15:57	6.0	6.6	Platinum 5000	0.04	0.04	27.69	1430.0	1433.0	0.04	0.49	Selective Treatment
36	15:58	10.0	10.6		0.00	0.00	27.69	1430.0	1433.0		0.49	Stop Pump
37	16:01	6.0	6.6	Platinum 5000	0.04	0.04	27.73	1430.0	1433.0	0.04	0.53	Selective Treatment
38	16:02	10.0	10.6		0.00	0.00	27.73	1430.0	1433.0		0.53	Stop Pump
39	16:12	6.0	6.6	Platinum 5000	0.03	0.07	27.80	1430.0	1433.0	0.07	0.60	Selective Treatment
40	16:14	10.0	10.6		0.00	0.00	27.80	1430.0	1433.0		0.60	Stop Pump
41	16:25	6.0	6.6	Platinum 5000	0.04	0.05	27.85	1430.0	1433.0	0.05	0.65	Selective Treatment
42	16:26	10.0	10.6		0.00	0.00	27.85	1430.0	1433.0		0.65	Stop Pump
43	16:37	6.0	6.6	Platinum 5000	0.03	0.07	27.92	1430.0	1433.0	0.07	0.72	Selective Treatment
44	16:38	10.0	10.8		0.00	0.00	27.92	1430.0	1433.0		0.72	Stop Pump
45	16:46	6.0	6.6	Platinum 5000	0.08	0.02	27.94	1430.0	1433.0	0.08	0.80	Selective Treatment
46	16:49	10.0	10.6		0.00	0.00	27.94	1430.0	1433.0		0.80	Stop Pump
47	17:00	6.0	6.6	Produced Water	0.04	0.05	27.99	1430.0	1433.0	0.05	0.85	Selective Treatment
48	17:01	10.0	10.6		0.00	0.00	27.99	1430.0	1433.0		0.85	Stop Pump
49	17:12	6.0	6.6	Produced Water	0.03	0.06	28.05	1430.0	1433.0	0.06	0.91	Selective Treatment
50	17:13	10.0	10.6		0.00	0.00	28.05	1430.0	1433.0		0.91	Stop Pump
51	17:25	6.0	6.6	Produced Water	0.03	0.08	28.13	1430.0	1433.0	0.08	0.99	Selective Treatment

TRICAN Treatment Report

Customer: PARAMOUNT RESOURCES LTD.
Customer Rep: Kim Mcloed
Base: High Level
Service Order #: 687158
Formation: Sulphur Point (Upper & Lower)
Program #: 233642

Location: H-06 60 10 117 30
Well Name: Paramount et al Camer..
Well Type: Gas & Oil
Rig #: 41

Date: Feb-16-2010 07:00 (MST)
Treatment Type: Selective Acid Treatment
Supervisor: Langille, Robert
Project #:

52	17:26	10.0	10.6		0.00	0.00	28.13	1430.0	1433.0		0.99	Stop Pump
53	17:39	6.0	6.6	Produced Water	0.03	0.06	28.19	1430.0	1433.0	0.06	1.05	Selective Treatment
54	17:55				0.00	0.00	28.19	1427.0	1429.0		1.05	Move tool to next zone
55	17:58	0.0	0.0	Produced Water	0.03	0.42	28.61	1427.0	1429.0	0.42	1.47	Selective Treatment
56	18:08	10.0	10.6		0.00	0.00	28.61	1427.0	1429.0		1.47	Stop Pump
57	18:18	6.0	6.6	Produced Water	0.02	0.08	28.69	1427.0	1429.0	0.08	1.55	Selective Treatment
58	18:21	10.0	10.5		0.00	0.00	28.69	1427.0	1429.0		1.55	Stop Pump
59	18:34	6.0	6.6	Produced Water	0.03	0.08	28.77	1427.0	1429.0	0.08	1.63	Selective Treatment
60	18:38	10.0	10.4		0.03	0.00	28.77	1427.0	1429.0		1.63	Stop Pump
61	18:49	6.0	6.6	Produced Water	0.04	0.06	28.83	1427.0	1429.0	0.06	1.69	Selective Treatment
62	18:51	10.0	10.3		0.00	0.00	28.83	1427.0	1429.0		1.69	Stop Pump
63	19:04	6.0	6.6	Produced Water	0.03	0.10	28.93	1427.0	1429.0	0.10	1.79	Selective Treatment
64	19:07	10.0	105.0		0.00	0.00	28.93	1427.0	1429.0		1.79	Stop Pump
65	19:21	6.0	6.6	Produced Water	0.03	0.09	29.02	1427.0	1429.0	0.09	1.88	Selective Treatment
66	19:26	10.0	10.5		0.00	0.00	29.02	1427.0	1429.0		1.88	Stop Pump
67	19:39	6.0	6.6	Produced Water	0.03	0.13	29.15	1427.0	1429.0	0.13	2.01	Selective Treatment
68	19:44	10.0	10.5		0.00	0.00	29.15	1427.0	1429.0		2.01	Stop Pump
69	19:59	6.0	6.6	Produced Water	0.03	0.10	29.25	1427.0	1429.0	0.10	2.11	Selective Treatment
70	20:04	10.0	10.2		0.00	0.00	29.25	1427.0	1429.0		2.11	Stop Pump
71	20:18	6.0	6.6	Produced Water	0.00	0.00	29.25	1427.0	1429.0	0.13	2.24	Selective Treatment
72	20:23	10.0	10.2		0.00	0.00	29.25	1427.0	1429.0		2.24	Stop Pump
73	20:37	6.0	6.6	Produced Water	0.02	0.11	29.36	1427.0	1429.0	0.11	2.35	Selective Treatment
74	20:44	10.0	10.3		0.00	0.00	29.36	1427.0	1429.0		2.35	Stop Pump
75	20:58	6.0	6.6	Produced Water	0.02	0.10	29.46	1427.0	1429.0	0.10	2.45	Selective Treatment
76	21:02	10.0	10.0		0.00	0.00	29.46	1427.0	1429.0		2.45	Stop Pump
77	21:15				0.00	0.00	29.46	1430.0	1433.0		2.45	Moved tool Back to Bottom Zone
78	21:20	0.0	0.0	Produced Water	0.03	0.49	29.95	1430.0	1433.0	0.49	2.94	Selective Treatment
79	21:38	10.0	10.5		0.00	0.00	29.95	1430.0	1433.0		2.94	Stop Pump
80	21:42	8.0	8.7	Produced Water	0.02	0.09	30.04	1430.0	1433.0	0.09	3.03	Selective Treatment
81	21:47	10.5	10.5		0.00	0.00	30.04	1430.0	1433.0		3.03	Stop Pump
82	21:53	8.0	8.1	Produced Water	0.02	0.11	30.15	1430.0	1433.0	0.11	3.14	Selective Treatment
83	21:58	10.5	10.5		0.00	0.00	30.15	1430.0	1433.0		3.14	Stop Pump
84	22:00	8.0	8.0	Produced Water	0.02	0.08	30.23	1430.0	1433.0	0.08	3.22	Selective Treatment
85	22:09	10.5	10.5		0.00	0.00	30.23	1430.0	1433.0		3.22	Stop Pump
86	22:18	8.0	8.0	Produced Water	0.02	0.09	30.32	1430.0	1433.0	0.09	3.31	Selective Treatment
87	22:22	10.5	10.5		0.00	0.00	30.32	1430.0	1433.0		3.31	Stop Pump

Customer: PARAMOUNT RESOURCES LTD.
Customer Rep: Kim Mcloed
Case: High Level
Service Order #: 687158
Formation: Sulphur Point (Upper & Lower)
Program #: 233642
Location: H-06 60 10 117 30
Well Name: Paramount et al Camer..
Well Type: Gas & Oil
Rig #: 41

Date: Feb-16-2010 07:00 (MST)
Treatment Type: Selective Acid Treatment
Supervisor: Langille, Robert
Project #:

Schedule 2

Treatment Information

Acid Sample: No

Max Casing Pressure:

Max Treatment Pressure:

Max Tubing Pressure:

Min Treatment Pressure:

Instructions:

Tubing / Casing

Tubular	Size (mm)	Top (m TMD)	Bottom (m TMD)	Grade	Weight (kg/m)	Interval Volume (m³)
API Tubing	73.00	0.0	1433.0			4.33
Casing	139.70	0.0	1460.0			18.59

Schedule Information

Comments:

Total Depth:

Measured Depth:

Hole Size: 0.00 mm

Hole Volume: 0.00 m³

Frac Gradient:

Perforations

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Total Fluid Information

Chemical Name	Total	Chemical Name	Total	Chemical Name	Total	Chemical Name	Total
Produced Water	35.68 m³	HCl (15%)	10.85 m³	IC-4	108.50 L	AI-7NR	108.50 L
IF-1	8.68 kg	IF-2	10.85 kg	ASA-60	217.00 L	DF-1	1.09 L
SI-2	10.85 L	Water	0.00 m³				

Fluid Systems Information

Tank Group Name	Tank Fluid Density (kg/m³)	Tank Fluid Temp (°C)	Tank Fluids Names	Fluid System Name	Additives
Clean and Filtered Produced Water			Produced Water(100%; 35.68 m³)	Produced Water	
Platinum 5000 - 15% HCl			HCl (15%)(100%; 10.85 m³)	Platinum 5000	IC-4(10.0 L/m³, 108.50 L, bulk plant); AI-7NR(10.0 L/m³, 108.50 L, bulk plant); IF-1(0.8 kg/m³, 8.68 kg, bulk plant); IF-2(1.0 kg/m³, 10.85 kg, bulk plant); ASA-60(20.0 L/m³, 217.00 L, bulk plant); DF-1(0.1 L/m³, 1.09 L, bulk plant); SI-2(1.0 L/m³, 10.85 L, bulk plant)

TRICAN Treatment Report

Customer: PARAMOUNT RESOURCES LTD.
Customer Rep: Kim Mcloed
Base: High Level
Service Order #: 687158
Formation: Sulphur Point (Upper & Lower)
Program #: 233642

Location: H-06 60 10 117 30
Well Name: Paramount et al Camer..
Well Type: Gas & Oil
Rig #: 41

Date: Feb-16-2010 07:00 (MST)
Treatment Type: Selective Acid Treatment
Supervisor: Langille, Robert
Project #:

Schedule Details												
#	Time	Tubing (MPa)	Casing (MPa)	Base Fluid	Base fluid Rate (m³/min)	Base fluid Per Stage (m³)	Base fluid Cum. Total (m³)	Interval From (m)	Interval To (m)	Fluid In Formation (m³)	Fluid In Formation Cum. Total (m³)	Remarks
1	09:00				0.00	0.00					0.00	Arrive on Location
2	10:00				0.00	0.00					0.00	Rigged in By
3	10:20				0.00	0.00					0.00	Safety Meeting
4	11:12	2.5	2.0	Produced Water	0.30	2.00	2.00				0.00	Fill Lines
5	11:21	15.0	0.0		0.00	0.00	2.00				0.00	Pressure Test
6	11:38	7.0	5.0	Platinum 5000	0.30	4.30	6.30				0.00	Circulate Acid Down
7	11:48	2.0	2.0	Produced Water	0.15	0.25	6.55				0.00	Wash
8	11:50	2.0	2.0		0.00	0.00	6.55				0.00	Stop Pump
9	12:00	2.0	2.0	Produced Water	0.15	0.25	6.80				0.00	Wash
10	12:05				0.00	0.25	7.05				0.00	Set Selective Tool
11	12:15	0.0	0.0	Produced Water	0.02	0.17	7.22	1418.0	1419.0	0.17	0.17	Selective Treatment
12	12:21	8.0	8.0		0.00	0.00	7.22	1418.0	1419.0		0.17	Stop Pump
13	12:26	6.0	6.0	Produced Water	0.02	1.00	8.22	1418.0	1419.0	0.01	0.18	Selective Treatment
14	12:27	8.0	8.0		0.00	0.00	8.22	1418.0	1419.0		0.18	Stop Pump
15	12:28	6.0	6.0	Produced Water	0.02	0.06	8.28	1418.0	1419.0	0.06	0.24	Selective Treatment
16	12:31	8.0	8.0		0.00	0.00	8.28	1418.0	1419.0		0.24	Stop Pump
17	12:48	0.5	0.5	Produced Water	0.04	0.26	8.54	1418.0	1419.0	0.26	0.50	Selective Treatment
18	12:54	8.0	8.0		0.00	0.00	8.54	1418.0	1419.0		0.50	Stop Pump
19	13:00	6.0	6.0	Produced Water	0.02	0.13	8.67	1418.0	1419.0	0.13	0.63	Selective Treatment
20	13:06	8.0	8.0		0.00	0.00	8.67	1418.0	1419.0		0.63	Stop Pump
21	13:13	6.0	6.0	Produced Water	0.02	0.09	8.76	1418.0	1419.0	0.09	0.72	Selective Treatment
22	13:17	8.0	8.0		0.00	0.00	8.76	1418.0	1419.0		0.72	Stop Pump
23	13:21	6.5	6.5	Produced Water	0.02	0.05	8.81	1418.0	1419.0	0.05	0.77	Selective Treatment
24	13:22	8.0	8.0		0.00	0.00	8.81	1418.0	1419.0		0.77	Stop Pump
25	13:29	6.0	6.0	Produced Water	0.02	0.06	8.87	1418.0	1419.0	0.06	0.83	Selective Treatment
26	13:33	8.0	8.0		0.00	0.00	8.87	1418.0	1419.0		0.83	Stop Pump
27	13:40	6.0	6.0	Produced Water	0.02	0.07	8.94	1418.0	1419.0	0.07	0.90	Selective Treatment
28	13:42	8.0	8.0		0.00	0.00	8.94	1418.0	1419.0		0.90	Stop Pump
29	13:56	6.0	6.0	Produced Water	0.02	0.08	9.02	1418.0	1419.0	0.08	0.98	Selective Treatment
30	14:00	8.0	8.0		0.00	0.00	9.02	1418.0	1419.0		0.98	Stop Pump
31		0.0	0.0		0.00	0.00	9.02	1413.5	1415.5		0.98	Move Selective Too to NextZ one
32	14:05	0.0	0.0	Produced Water	0.03	0.35	9.37	1413.5	1415.5	0.35	1.33	Selective Treatment
33	14:17	8.0	8.0		0.00	0.00	9.37	1413.5	1415.5		1.33	Stop Pump
34	14:24	6.0	6.0	Produced Water	0.02	0.07	9.44	1413.5	1415.5	0.07	1.40	Selective Treatment
35	14:27	8.0	8.0		0.00	0.00	9.44	1413.5	1415.5		1.40	Stop Pump
36	14:34	6.0	6.0	Produced Water	0.02	0.06	9.50	1413.5	1415.5	0.06	1.46	Selective Treatment
37	14:37	8.0	8.0		0.00	0.00	9.50	1413.5	1415.5		1.46	Stop Pump
38	14:47	6.0	6.0	Produced Water	0.02	0.21	9.71	1413.5	1415.5	0.21	1.67	Selective Treatment
39	14:56	10.0	10.0		0.00	0.00	9.71	1413.5	1415.5		1.67	Stop Pump
40	15:09	7.0	7.0	Produced Water	0.02	0.14	9.85	1413.5	1415.5	0.14	1.81	Selective Treatment
41	15:16	10.0	10.0		0.00	0.00	9.85	1413.5	1415.5		1.81	Stop Pump
42	15:45	6.0	6.0	Produced Water	0.02	0.17	10.02	1413.5	1415.5	0.17	1.98	Selective Treatment
43	15:53	10.0	10.0		0.00	0.00	10.02	1413.5	1415.5		1.98	Stop Pump
44	15:56	8.4	8.4	Produced Water	0.02	0.05	10.07	1413.5	1415.5	0.05	2.03	Selective Treatment
45	15:59	10.0	10.0		0.00	0.00	10.07	1413.5	1415.5		2.03	Stop Pump
46	16:20				0.00	0.00	10.07	1410.5	1412.5		2.03	Move Selective Tool
47	16:26	0.0	0.0	Produced Water	0.04	0.36	10.43	1410.5	1412.5	0.36	2.39	Selective Treatment
48	16:36	9.0	9.0		0.00	0.00	10.43	1410.5	1412.5		2.39	Stop Pump
49	16:40	7.0	7.0	Produced Water	0.07	0.10	10.53	1410.5	1412.5	0.11	2.50	Selective Treatment
50	16:42	10.0	10.0		0.00	0.00	10.53	1410.5	1412.5		2.50	Stop Pump
51	16:53	7.0	7.0	Produced Water	0.07	0.11	10.64	1410.5	1412.5	0.10	2.60	Selective Treatment

Customer: PARAMOUNT RESOURCES LTD.

Customer Rep: Kim Mcloed

Case: High Level

Service Order #: 687158

Formation: Sulphur Point (Upper & Lower)

Program #: 233642

Location: H-06 60 10 117 30

Well Name: Paramount et al Camer..

Well Type: Gas & Oil

Rig #: 41

Date: Feb-16-2010 07:00 (MST)

Treatment Type: Selective Acid Treatment

Supervisor: Langille, Robert

Project #:

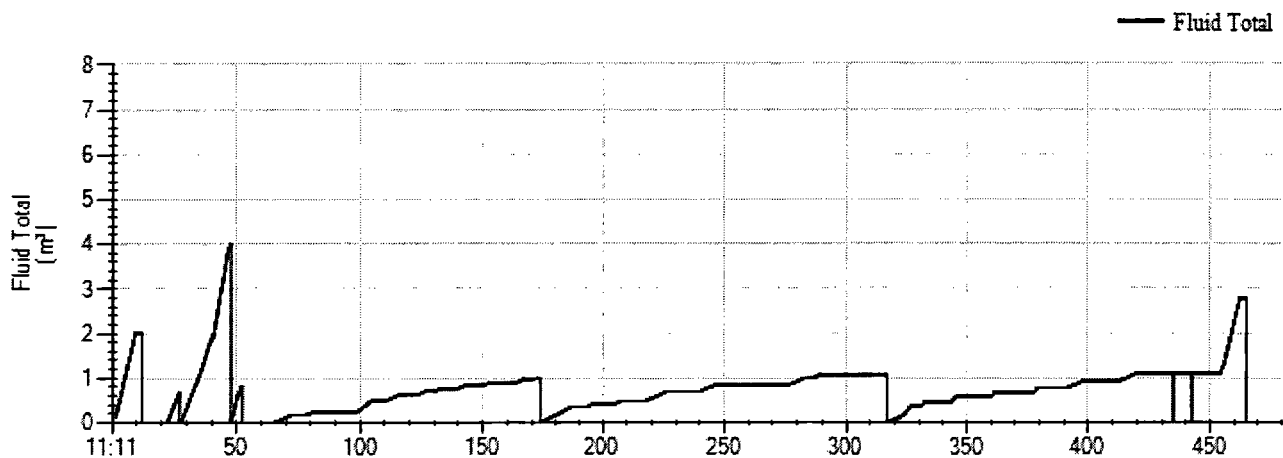
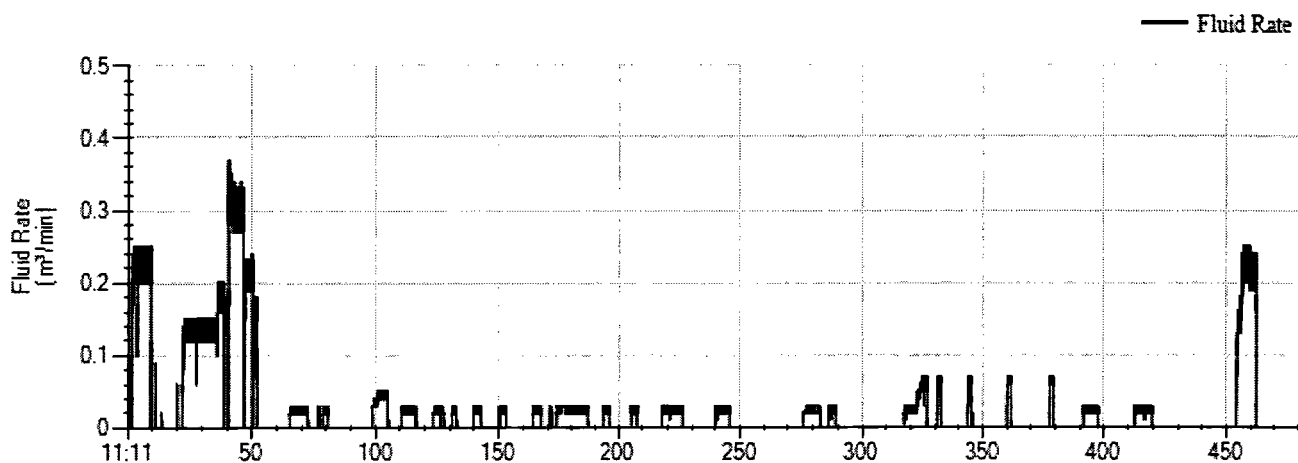
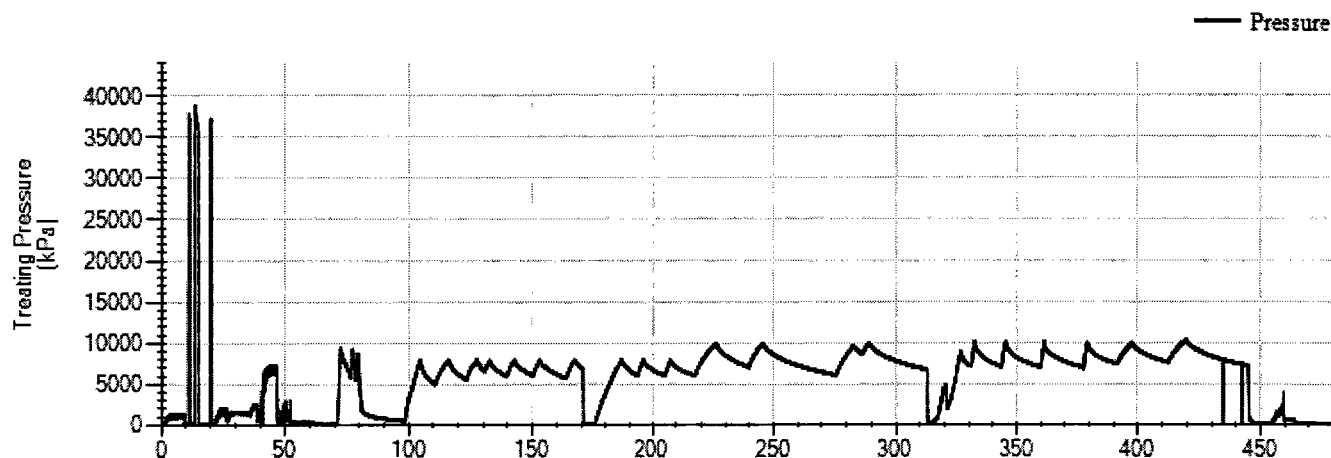
52	16:56	10.0	10.0		0.00	0.00	10.64	1410.5	1412.5		2.60	Stop Pump
53	17:07	7.0	7.0	Produced Water	0.07	0.10	10.74	1410.5	1412.5	0.11	2.71	Selective Treatment
54	17:09	10.0	10.0		0.00	0.00	10.74	1410.5	1412.5		2.71	Stop Pump
55	17:27	7.0	7.0	Platinum 5000	0.70	0.11	10.85	1410.5	1412.5	0.14	2.85	Selective Treatment
56	17:28	10.0	10.0		0.00	0.00	10.85	1410.5	1412.5		2.85	Stop Pump
57	17:41	7.4	7.4	Produced Water	0.02	0.14	10.99	1410.5	1412.5	0.17	3.02	Selective Treatment
58	17:47	10.0	10.0		0.00	0.00	10.99	1410.5	1412.5		3.02	Stop Pump
59	18:02	7.5	7.5	Produced Water	0.02	0.17	11.16	1410.5	1412.5	0.06	3.08	Selective Treatment
30	18:09	10.5	10.5		0.00	0.00	11.16	1410.5	1412.5		3.08	Shut down

Customer: PARAMOUNT RESOURCES LTD.
Customer Rep: Kim Mcloed
Base: High Level
Service Order #: 687158
Formation: Sulphur Point (Upper & Lower)

Location: H-06 60 10 117 30
Well Name: Paramount et al Cameron Hills
Well Type: Gas & Oil

Date: Feb-16-2010 07:00 (MST)
Treatment Type: Selective Acid Treatment
Supervisor: Langille, Robert
Project #:

Schedule 1



Customer:	PARAMOUNT RESOURCES LTD.	Date:	Feb-16-2010 07:00 (MST)
Customer Rep: Kim Mcloed	Location: H-06 60 10 117 30	Treatment Type:	Selective Acid Treatment
Base: High Level	Well Name: Paramount et al Cameron Hills	Supervisor:	Langille, Robert
Service Order #: 687158	Well Type: Gas & Oil	Project #:	
Formation: Sulphur Point (Upper & Lower)			

Schedule 2

TRICAN Treatment Report

Customer: PARAMOUNT RESOURCES LTD.

Customer Rep: Kim Mcloed

Base: High Level

Service Order #: 710716

Formation: Sulphur Point (Upper)

Program #: 234665

Location: H-06 60 10 117 30

Well Name:

Well Type: Gas & Oil

Rig #: 41

Date:

Treatment Type:

Supervisor:

Project #:

Feb-21-2010 10:00 (MST)

Selective Acid Treatment

Langford, Trevor

Schedule 1

Treatment Information

Acid Sample: No

Max Casing Pressure: 14.0 MPa

Max Treatment Pressure: 8.7 MPa

Max Tubing Pressure:

Min Treatment Pressure: 0.3 MPa

Instructions:

Tubing / Casing

Tubular	Size (mm)	Top (m TMD)	Bottom (m TMD)	Grade	Weight (kg/m)	Interval Volume (m³)
API Tubing	73.00	0.0	1401.0			4.23
Casing	139.70	0.0	1409.0			17.94

Schedule Information

Comments:

Total Depth:

Measured Depth:

Hole Size: 0.00 mm

Hole Volume: 0.00 m³

Frac Gradient:

Perforations

Perforations	1395 - 1398 m
Perforations	1400 - 1401 m

Total Fluid Information

Chemical Name	Total	Chemical Name	Total	Chemical Name	Total	Chemical Name	Total
HCl (15%)	4.70 m³	IC-4	47.00 L	AI-7NR	47.00 L	IF-1	3.76 kg
IF-2	4.70 kg	ASA-60	94.00 L	DF-1	0.47 L	SI-2	4.70 L
Water	0.00 m³	KCl Water	15.36 m³				

Fluid Systems Information

Tank Group Name	Tank Fluid Density (kg/m³)	Tank Fluid Temp (°C)	Tank Fluids Names	Fluid System Name	Additives
KCL			KCl Water(100%; 15.36 m³)	KCl Water (3%)	
Platinum 5000 - 15% HCl			HCl (15%)(100%; 4.70 m³)	Platinum 5000	IC-4(10.0 L/m³, 47.00 L, bulk plant); AI-7NR(10.0 L/m³, 47.00 L, bulk plant); IF-1(0.8 kg/m³, 3.76 kg, bulk plant); IF-2(1.0 kg/m³, 4.70 kg, bulk plant); ASA-60(20.0 L/m³, 94.00 L, bulk plant); DF-1(0.1 L/m³, 0.47 L, bulk plant); SI-2(1.0 L/m³, 4.70 L, bulk plant)

Schedule Details

#	Time	Tubing (MPa)	Casing (MPa)	Base Fluid	Base fluid Rate m³/min	Base fluid Per Stage (m³)	Base fluid Cum. Total (m³)	Interval From (m)	Interval To (m)	Fluid In formation (m³)	Fluid In formation Cum. Total (m³)	Remarks
1	11:30				0.00	0.00					0.00	Safety Meeting
2	11:58	0.7	0.0	KCl Water (3%)	0.35	6.00	6.00	1398.0	1401.0		0.00	Fill Hole
3	12:23	21.0	0.0	KCl Water (3%)	0.00	0.00	6.00	1395.0	1398.0		0.00	Pressure Test
4	12:28	5.0	0.0	KCl Water (3%)	0.00	0.00	6.00				0.00	Pressure Test Cups
5	12:32	0.5		KCl Water (3%)	0.40	2.00	8.00				0.00	Start Water
6	12:33	3.0	1.5	Platinum 5000	0.40	4.20	12.20				0.00	Start Acid
7	12:45	2.0	0.0		0.00	0.00	12.20				0.00	Shut In
8	12:46	2.4		Platinum 5000	0.05	0.30	12.50				0.00	#1 Wash
9	12:52	2.1		Platinum 5000	0.05	0.20	12.70				0.00	#2 wash
10	13:00				0.00	0.00	12.70				0.00	Pull up on to Zone
11	13:00	8.7			0.06	0.04	12.74	1400.0	1401.0		0.00	Start Squeeze
12	13:08	0.3		KCl Water (3%)	0.05	0.96	13.70	1395.0	1398.0		0.00	Break Down
13	13:15	0.0			0.00	0.00	13.70				0.00	Pull Up
14	13:18	0.3		KCl Water (3%)	0.06	3.00	16.70				0.00	Start Squeeze
15	14:10	0.56			0.00	0.00	16.70				0.00	Shut down
16	14:10	0.56			0.00	0.00	16.70				0.00	Monitor Well
17	14:15	0.0			0.00	0.00	16.70				0.00	Shut In
18	14:20				0.00	0.00	16.70				0.00	Rig Out
19	15:30				0.00	0.00	16.70				0.00	Thank you

Customer: PARAMOUNT RESOURCES LTD.

Customer Rep: Kim Mcloed

Base: High Level

Service Order #: 710716

Formation: Sulphur Point (Upper)

Location: H-06 60 10 117 30

Well Name:

Well Type: Gas & Oil

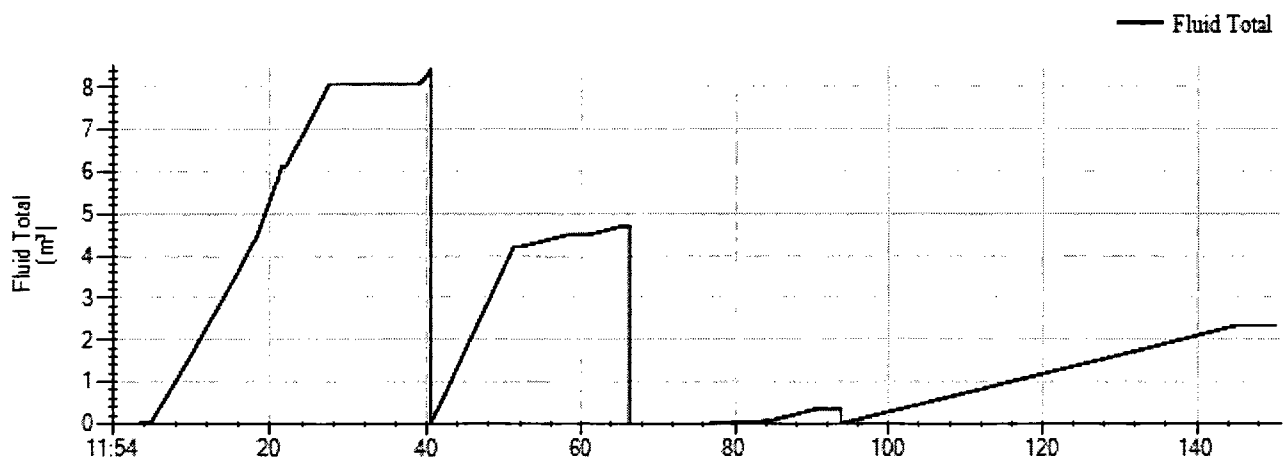
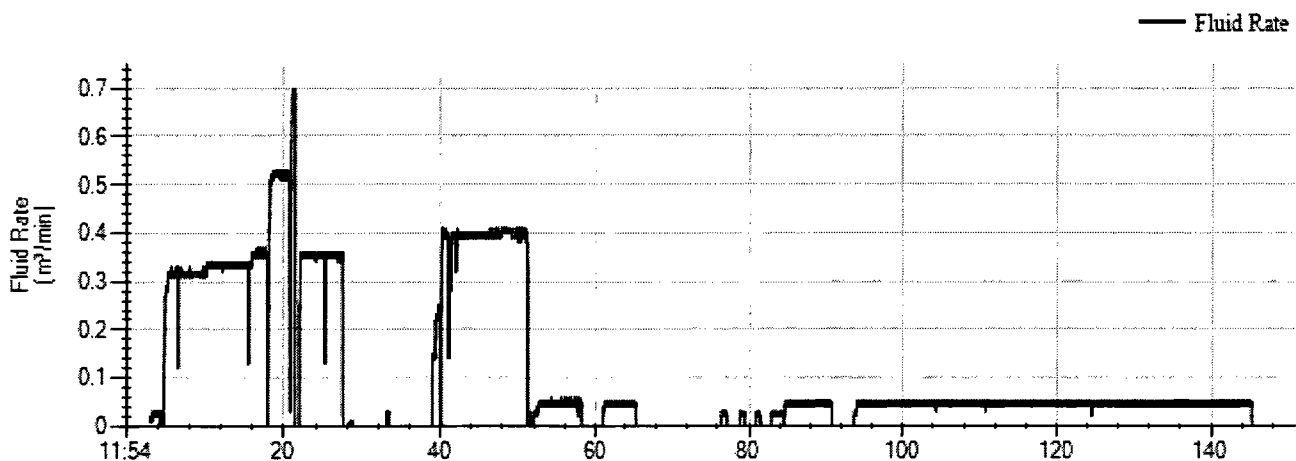
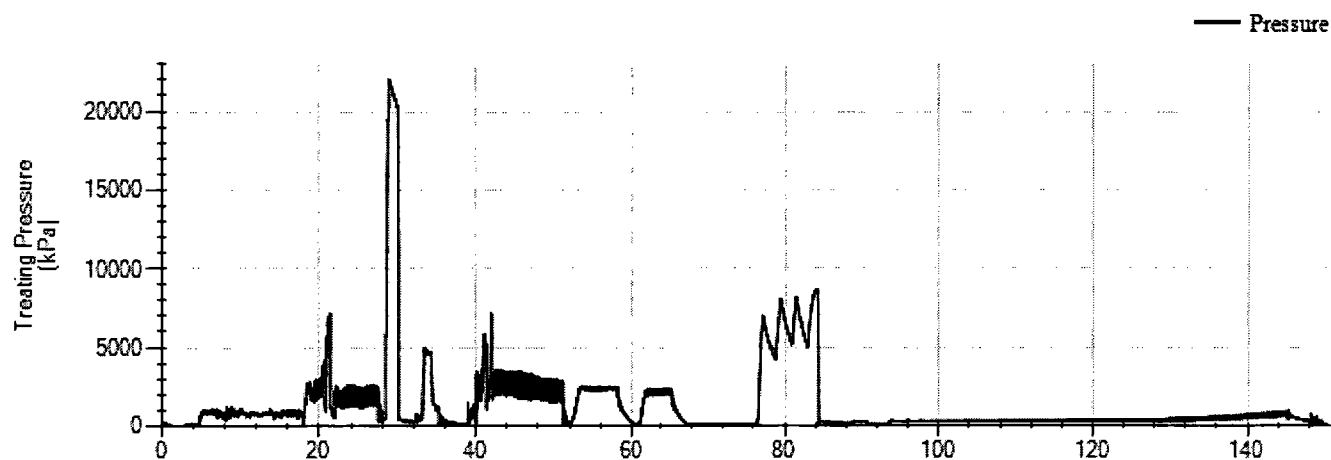
Date: Feb-21-2010 10:00 (MST)

Treatment Type: Selective Acid Treatment

Supervisor: Langford, Trevor

Project #:

Schedule 1



Customer: PARAMOUNT RESOURCES LTD.
Customer Rep: Kim Mcloed
Base: High Level
Service Order #: 687157
Formation: Sulphur Point (Upper & Lower)
Program #: 233642
Location: H-06 60 10 117 30
Well Name:
Well Type: Gas & Oil
Rig #: 41

Date: Feb-14-2010 07:00 (MST)
Treatment Type: Selective Acid Treatment
Supervisor: Langille, Robert
Project #:

Schedule 1

Treatment Information

Acid Sample: No

Max Casing Pressure:

Max Treatment Pressure:

Max Tubing Pressure:

Min Treatment Pressure:

Instructions:

Tubing / Casing

Tubular	Size (mm)	Top (m TMD)	Bottom (m TMD)	Grade	Weight (kg/m)	Interval Volume (m³)
API Tubing	73.00	0.0	1433.0			4.33
Casing	139.70	0.0	1460.0			18.59

Schedule Information

Comments:

Total Depth:

Measured Depth:

Hole Size: 0.00 mm

Hole Volume: 0.00 m³

Frac Gradient:

Perforations

Perforations	1410.5 - 1412.5 m
Perforations	1413.5 - 1415.5 m
Perforations	1418 - 1419 m
Perforations	1427 - 1429 m
Perforations	1430 - 1433 m

Total Fluid Information

Chemical Name	Total	Chemical Name	Total	Chemical Name	Total	Chemical Name	Total
HCl (15%)	12.00 m³	IC-4	120.00 L	AI-7NR	120.00 L	IF-1	9.60 kg
IF-2	12.00 kg	ASA-60	240.00 L	DF-1	1.20 L	SI-2	12.00 L
Produced Water	38.00 m³	Water	5.00 m³				

Fluid Systems Information

Tank Group Name	Tank Fluid Density (kg/m³)	Tank Fluid Temp (°C)	Tank Fluids Names	Fluid System Name	Additives
Clean and Filtered Produced Water			Produced Water (100%; 38.00 m³)	Produced Water	
Mud Wash 2020 (5%)			Water (100%; 5.00 m³)	Mud Wash 2020 (5%)	
Platinum 5000 - 15% HCl			HCl (15%) (100%; 12.00 m³)	Platinum 5000	IC-4 (10.0 L/m³, 120.00 L, bulk plant); AI-7NR (10.0 L/m³, 120.00 L, bulk plant); IF-1 (0.8 kg/m³, 9.60 kg, bulk plant); IF-2 (1.0 kg/m³, 12.00 kg, bulk plant); ASA-60 (20.0 L/m³, 240.00 L, bulk plant); DF-1 (0.1 L/m³, 1.20 L, bulk plant); SI-2 (1.0 L/m³, 12.00 L, bulk plant)

TRICAN Treatment Report

Customer: PARAMOUNT RESOURCES LTD.
Customer Rep: Kim Mcloed
Base: High Level
Service Order #: 687157
Formation: Sulphur Point (Upper & Lower)
Program #: 233642
Location: H-06 60 10 117 30
Well Name:
Well Type: Gas & Oil
Rig #: 41

Date: Feb-14-2010 07:00 (MST)
Treatment Type: Selective Acid Treatment
Supervisor: Langille, Robert
Project #:

Schedule Details												
#	Time	Tubing (MPa)	Casing (MPa)	Base Fluid	Base fluid Rate m ³ /min	Base fluid Per Stage (m ³)	Base fluid Cum. Total (m ³)	Interval From (m)	Interval To (m)	Fluid In Formation (m ³)	Fluid In Formation Cum. Total (m ³)	Remarks
1					0.00	0.00				0.00		
2					0.00	0.00				0.00		Rigged in By
3					0.00	0.00				0.00		Safety Meeting
4				Produced Water	0.00	0.00				0.00		Fill Annulus
5				Produced Water	0.00	0.00				0.00		Pressure Test
6				Produced Water	0.00	2.00	2.00			0.00		Feed Rate
7				Mud Wash 2020 (5%)	0.00	0.00	2.00			0.00		Circulate Mud Wash Down
8				Mud Wash 2020 (5%)	0.00	0.50	2.50	1432.0	1433.0	0.00		Selective Treatment
9				Mud Wash 2020 (5%)	0.00	0.50	3.00	1431.0	1432.0	0.00		Selective Treatment
10				Mud Wash 2020 (5%)	0.00	0.50	3.50	1430.0	1431.0	0.00		Selective Treatment
11				Mud Wash 2020 (5%)	0.00	0.50	4.00	1428.0	1429.0	0.00		Selective Treatment
12				Mud Wash 2020 (5%)	0.00	0.50	4.50	1427.0	1428.0	0.00		Selective Treatment
13				Mud Wash 2020 (5%)	0.00	0.50	5.00	1418.0	1419.0	0.00		Selective Treatment
14				Mud Wash 2020 (5%)	0.00	0.50	5.50	1414.5	1415.5	0.00		Selective Treatment
15				Mud Wash 2020 (5%)	0.00	0.50	6.00	1413.5	1414.5	0.00		Selective Treatment
16				Mud Wash 2020 (5%)	0.00	0.50	6.50	1411.5	1412.5	0.00		Selective Treatment
17				Mud Wash 2020 (5%)	0.00	0.50	7.00	1410.5	1411.5	0.00		Selective Treatment
18				Produced Water	0.00	4.90	11.90			0.00		Displace
19					0.00	0.00	11.90			0.00		Shut In
20				Platinum 5000	0.00	1.00	12.90			0.00		Pickle
21				Produced Water	0.00	3.30	16.20			0.00		Displace Pickle
22				Produced Water	0.00	6.60	22.80			0.00		Reverse Circulate
23				Platinum 5000	0.00	1.00	23.80			0.00		Wash
24				Produced Water	0.00	4.40	28.20			0.00		Displace Wash
25				Produced Water	0.00	6.60	34.80			0.00		Reverse Circulate
26				Platinum 5000	0.00	1.00	35.80	1432.0	1433.0	0.00		Selective Treatment
27				Platinum 5000	0.00	1.00	36.80	1431.0	1432.0	0.00		Selective Treatment
28				Platinum 5000	0.00	1.00	37.80	1430.0	1431.0	0.00		Selective Treatment
29				Platinum 5000	0.00	1.00	38.80	1428.0	1429.0	0.00		Selective Treatment
30				Platinum 5000	0.00	1.00	39.80	1427.0	1428.0	0.00		Selective Treatment
31				Platinum 5000	0.00	1.00	40.80	1418.0	1419.0	0.00		Selective Treatment
32				Platinum 5000	0.00	1.00	41.80	1414.5	1415.5	0.00		Selective Treatment
33				Platinum 5000	0.00	1.00	42.80	1413.5	1414.5	0.00		Selective Treatment
34				Platinum 5000	0.00	1.00	43.80	1411.5	1412.5	0.00		Selective Treatment
35				Platinum 5000	0.00	1.00	44.80	1410.5	1411.5	0.00		Selective Treatment
36				Produced Water	0.00	4.90	49.70			0.00		Displace

