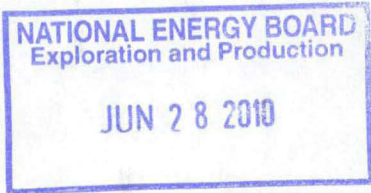


Final Well Report
Paramount Resources Ltd.
Para et al Cameron 2B-09
WID 2071

DM 561719



FINAL WELL REPORT
PARAMOUNT RESOURCES LTD.

PARA ET AL CAMERON 2B-09
Grid: 60° 10' 117° 30'

WID 2071

UWI 3002B096010117300

DATE: June 21, 2010

COMPANY REPRESENTATIVE:
Dick Heenan, P. Eng.

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A. INTRODUCTION

Executive Summary

Paramount Resources Ltd. (Paramount) drilled Para et al Cameron 2B-09 as 1520 meter vertical well. The well was spudded 20100221 12:30 and the drilling rig was released on 20100303 23:59. The purpose of the well was to evaluate hydrocarbon potential. The primary target was the Sulphur Point Dolomite formation with a secondary target in the Slave Point formation.

The drilling contractor was Precision's Rig #436.

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

A cellar and conductor were pre-installed, and a diverter system was employed during the drilling of surface hole to 391 mKB. Gravel stringers were encountered @ 105m followed by cobbles & boulders to 197m and the viscosity had to be raised to clean the hole. The bit was dulled and had to be tripped. A bridge was encountered @ 105m. A string of 219 mm surface casing was run and cemented.

The casing and conductor were trimmed and the casing bowl was welded on. The BOP's were installed and function tested. The BOP's and manifold were pressure tested to 1400 kPa low pressure and 14,000 kPa high pressure (except annular preventer to 10,500 Kpa high).

The float collar and shoe were drilled out. No leak off test was performed as per waiver received 20091217 from the Chief Conservation Officer of the National Energy Board. A 200 mm hole was drilled with a flocculated water system to below the Wabamun and then mudded up @ 956. Minor losses were encountered @ 758-780m and tight shales from 750 to 780m. A bridge was encountered on the wiper trip @ 1478m. The well drilled to TD without any other significant incidents.

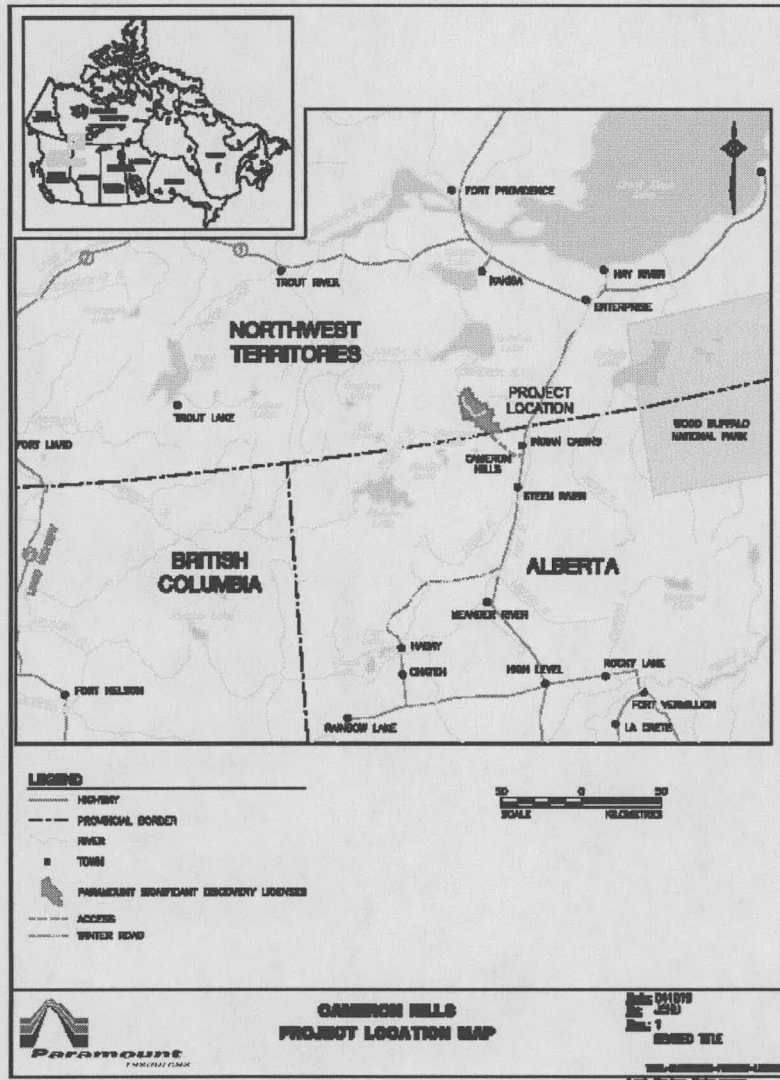
Weatherford Wireline ran induction, density, dipole sonic, and micro-resistivity logs from bottom to surface casing. (loggers tagged 9m fill).

Production casing (139.7 mm) was run and set and cemented at 1518 mMD.

Completions Summary

The well was perforated in Sulphur Pt. The zone produced limited amounts of fluid with an 85% water cut. The tubing was removed, and the well suspended with bridge plug and 10 meters of cement. The wellhead was left in place.

Locality Map – Cameron Hills NWT



B. GENERAL DATA

1. Well Name: Para et al Cameron 2B-09

Well Identification Number (WID): 2071

Production License: PL-019

Location Unit: 2B

Section: 09

Grid Area: 60° 10' 117° 30'

Classification: Delineation
2. Surface Coordinates: (NAD 27) (Final "as built" survey)
Latitude: 60° 08' 8.9"
Longitude: 117° 30' 52.0"
3. Unique Well Identifier: 3002B096010117300
4. Operator: Paramount Resources Ltd.
5. Contractor: Precision Drilling
6. Drilling Unit: Precision Rig # 436
(conventional mechanical double land rig rated for 2200 m)
Mud system capacity of 59 m3.
BOP - 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.
7. Position Keeping: N/A
8. Support Craft (Helicopter): N/A
9. Drilling Unit Performance: Fair (crews not familiar with NWT level of expectation) – with the exception of the driller that parted the surface casing on B-09 who was subsequently released.
10. Difficulties and Delays:
No significant difficulties or delays on the drilling of this well.
Minor delays occurred in cementing due to sharing of services between rig 245 and 436, and also due to daylight bans on lease road due to warm weather.
This was a replacement of B-09 which was abandoned because an inattentive

driller parted the surface casing.

Approximately 34 hours delay was encountered while waiting on a approval to Drill A Well (ADW) for 2B-09 as NEB would not approve the spud of a new conductor hole until the ADW for 2B-09 was processed and approved. This prevented the rig move & rig up from B-09 to 2B-09.

11. Total Well Cost:
Drilling \$1,250,000 (inc. cost of B-09)
Completion \$ 220,000

12. Bottom Hole Co-ordinates: (NAD 27)
Assumed as vertical well
Latitude: 60° 08' 8.9"
Longitude: 117° 30' 52.0"

C. SUMMARY OF DRILLING OPERATIONS

1. Elevations:
 - Ground: 809.0m above sea level (final "as built" survey)
 - Casing Flange: 809.61 (final "as built" survey)
 - KB: 813.9 m above sea level
 - KB to Casing Flange: 4.3 m
2. Total Depth: 1520 mMD
3. Date and Hour Spudded: 20100221 12:30
4. Date of Rig Release: 20100303 23:59.
5. Well status: Cased and Suspended
6. Hole Sizes and Depths:
 - Conductor Hole: 610 mm to 24.4 m
 - (Formations in conductor) 0 - 0.9 mGL – snow
 - 0.9 - 1.8 - frozen muskeg
 - 1.8 - 5.5 - muskeg
 - 5.5 - 7.3 - soft clay
 - 7.3 - 24.4 - solid clay & boulders
 - Surface Hole: 311 mm to 391 mKB
 - Main Hole: 200 mm to 1520 mMD
7. Casing and Cementing Record:
 - Conductor Hole:
 - Casing Size: 406 mm
 - Depth Set: 24.4 m
 - Cement Volume: 120 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: 391 mKB
 - Cement Volume: 39 Tonnes
 - Cement Type: Class 'G'
 - Additives: 1.5% CaCl₂
 - Cement Returns: 7m³ 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:	1518 mMD
Plug Back Depth:	1504.6 mMD (tagged cement @ 1475 – did not bump plug)
Cement Volume 1:	27 Tonnes
Cement Type 1:	Thixlite
Additives 1:	0.4% LTR
Cement Volume 2:	9 Tonnes
Cement Type 2:	Expandomix LWL
Additives 2:	0.15% CFL-3 + 0.3% LTR.
Cement Returns:	2m3
Bumped Plug:	No

8. Sidetracked Hole: No

9. Drilling Fluid: See detailed mud reports in appendix

Conductor Hole: Dry drilled (auger)

Surface Hole: Shure Shale/PHPA

Properties:	Viscosity:	38-75 sec/L
	Weight:	1030 - 1140 kg/m ³
	PH:	8.0 – 8.5

Remarks: Gravel, sand cobbles
Mud ring @ casing point (likely due to attempt to increase viscosity)

Main (379– 950 m): Floc water

Properties:	Viscosity:	30 sec/L
	Weight:	1030 - 1040 kg/m ³
	PH:	8.0
Remarks:	No lost circulation in Wabamun Tight connections @ 779mKB	

Main (950 m – TD): Shure Shale/PHPA

Properties:	Viscosity:	40 - 77 sec/L
	Weight:	1040 - 1090 kg/m ³
	PH:	8.0 – 11.0
Remarks:	Mud foaming	

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 by Activity:

IADC Code	Activity	Hours	Percentage
1	Move in / rig up:	22.2	6.5
2	Drill	104	30.6
3	Ream	6.2	1.8
4			
5	Circulate and condition mud:	29.5	8.7
6	Trip	34.2	10.1
7	Rig Service	7.8	2.3
8	Repair Rig	1.2	0.4
9	Slip & cut line	0.5	0.15
10	Survey	6.0	1.8
11	Wireline logs	6.5	1.9
12	Casing & Cement	11.2	3.3
13	WOC	8.0	2.4
14	Nipple up	16	4.7
15	Test BOP	3.5	1.0
16	Drillstem Test		
17			
18	Squeeze Cement	0	0
19			
20	Directional Work	0	0
21	Safety Meeting	7.0	2.1
22	Tear out	37.8	11.1
23	Wait on (other than cement)	16.5	4.9
24			
25	Other (diverter install, W/O license, etc)	21.8	6.4

14. Deviation Survey: Vertical Well
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 perforated in Sulphur Pt Dolomite and suspended with bridge plug and 10 meters of cement

Completion Operations

- Moved in & rigged up Concord 41 service rig, test equipment & flare stack on 20100306
- Displaced well to fresh water with 3% KCL (used as completion fluid)
- Cement bond log – cement top @ surface – good bond throughout
- Perforated with wireline guns – underbalanced (no pressure response)
 - Lower Sulphur Pt Dolomite 1467.5 – 1471.0mKB
 - Upper Sulphur Pt Dolomite 1463.2 - 1466.2mKB
- Selective acid squeeze w/ 15% HCl – Lower SP – 90 lpm @ 9MPa and Upper SP 150 lpm @ 9MPa
- Swab & evaluate – Recovered 8.44 m3 new fluid – 15% oil
- Run static gradient
- Pull 73mm tubing & selective acid tools
- Suspend well with bridge plug set @ 1460mKB, tested to 17MPa and topped with 10m cement
- Released completion rig 20100309

Further details including completions schematic “as built” are located in the appendices

D: GEOLOGY

FORMATION TOPS

FORMATION MARKER	SAMPLE TOP	LOGS TOP	LOGS TOP
	TVD(m) (vert. well)	TVD(m) (vert. well)	Subsea (m)
WABAMUN		587.0	225.6
JEAN MARIE		764.0	48.6
FORT SIMPSON		770.0	42.6
TWIN FALLS	881.0	882.0	-69.4
HAY RIVER	1036.5	1039.0	-280.4
BEAVERHILL LAKE	1376.0	1374.0	-561.4
SLAVE POINT	1398.0	1397.0	-584.4
F 4	1439.5	1438.5	-625.9
WATT MOUNTAIN	1447.5	1446.0	-633.4
SULPHUR POINT LST	1453.0	1452.0	-639.4
SULPHUR POINT DOL.	1461.0	1461.5	-648.9
MUSKEG	1474.5	1474.0	-661.4
TD - DRILLER		1520.0	-707.4
TD - LOGGERS		1511.0	-698.4

(From Geological Report – full version in the Attachments Section)

Sample Descriptions: See the 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:	390 - 1508.9 mMD
Spectral Density Compensated Neutron Log:	4.3 - 1498.5 mMD
Dipole Sonic Log:	390 - 1496.6 mMD
Micro-Resistivity Log:	1335 - 1479.0 mMD

COMPLETION AND TESTING DATA

The following are found in the appendices
(to the extent that they were obtained/performed on this well)

- Swab reports
- Pressure survey (static gradient)
- Acid Stimulation report

E. ENVIRONMENTAL CONSIDERATIONS

There are no known outstanding environmental considerations on this well.

WEATHER SUMMARY

Unseasonably warm weather was encountered during drilling (late February), temperatures ranged from 3 C to -18C and were generally clear and calm. Increasing daylight softened the roads. There was standing water on the lease and travel on the lease roads had to be restricted to night. Due to deteriorating road conditions, operations had to be shut down at the end of this well and as a result the final well(s) in the program were not drilled. During completions the weather cooled and road conditions improved somewhat.

ENVIRONMENTAL PROTECTION

Fuel tanks were all double walled.

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

There were no spills exceeding the reporting threshold to the NWT Spill Line.

Significant challenges (minor spills) 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. There were no reportable spills.

WASTE HANDLING

The well was drilled sumpless 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 'C' 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 dryer" 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.

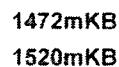
SPILLS

There were no reportable spills on the location during drilling or completion operations. The driver of a tank truck, carrying waste drilling fluid for disposal, lost control and rolled the truck off a public highway in Alberta. As this occurred on a public highway in Alberta, the contractor handled the reporting of the spill and clean-up. As it occurred in Alberta, it is not reportable to the NWT Spill Line. The driver was not seriously injured.

APPENDICES

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. Drilling Fluid Reports
9. Paramount Daily Reports (completion)
10. Tour Sheets (completion)
11. Swab Reports
12. Static Gradient
13. Acid Stimulation Reports

DOWNHOLE DIAGRAM

[illegible]



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

Item	Qty	Part No	Description	Unit Price	Total
			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 of 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 EXCEED 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 WARRANTY, CONTRACT 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, fire 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.

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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.

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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.

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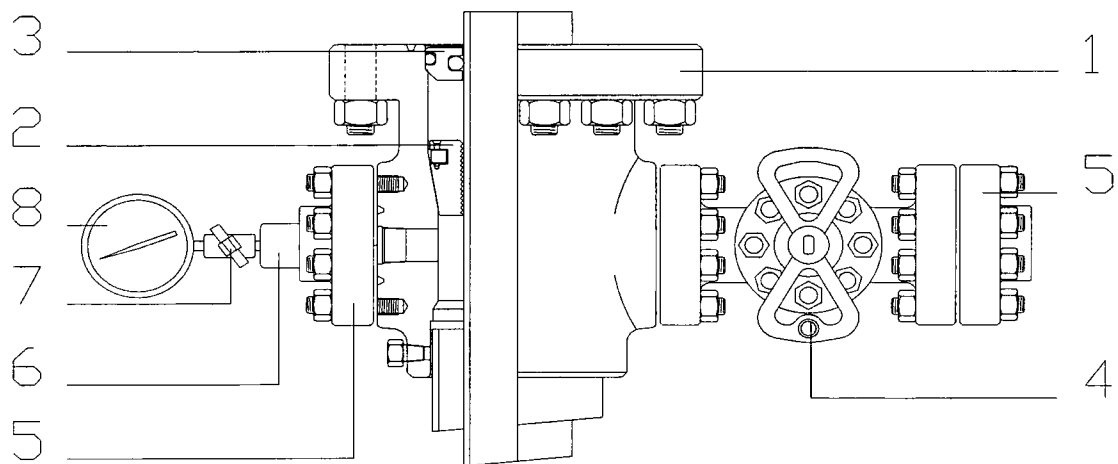
If the Purchaser or VGC is prevented, directly or indirectly, from carrying out the provisions of this Agreement by reason of any act of God, war, revolution, blockade, strike, riot, earthquake, cyclone or flood, or delay by carrier, fuel shortage, embargo, work-out or other labor disturbance, actual 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.

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**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					
Item	Qty	Part No	Description	Unit Price	Total

****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 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 EXCEED 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 WARRANTY, CONTRACT 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 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.

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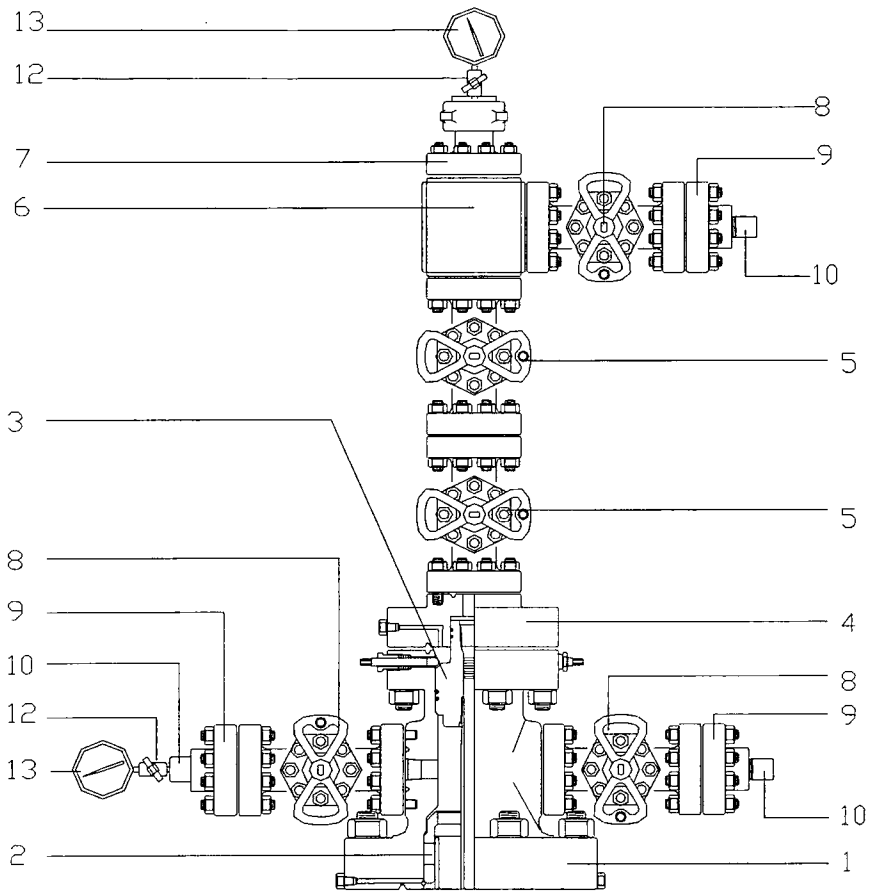
If the Purchaser or VGC is prevented, directly or indirectly, from carrying out the provisions of this Agreement by reason of any act of God, war, revolution, blockade, strike, riot, earthquake, cyclone or flood, or delay by carrier, fuel shortage, embargo, work-out or other labor disturbance, actual 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.

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MOH & ASSOCIATES OILFIELD CONSULTANTS LTD .

Geological Report

ON

PARA ET AL CAMERON 2B-09
Unit B Section 09 Grid: 60° 10' 117° 30'

For



PARAMOUNT RSOURCES LTD.

Prepared For:

**Jason Galbraith
Paramount Resources Ltd.
Calgary, AB.**

Prepared By:

**Mashhood Chaudhry
Moh & Associates Oilfield
Consultants Ltd.
Calgary, AB.**

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WELL ABSTRACT

The well Para et al Cameron 2B-09 is located in Unit B Section 09 Grid: 60° 10' N 117° 30' W and has surface coordinates of Lat: 60° 08' 8.9'' N and Long: 117° 31' 2.0'' W in NWT Mainland. It is located in Cameron Hills field and is a development well.

Original well bore of B-09 was capped due to splitting of surface casing after cementing and Well 2B-09 was drilled 10m west of B-09. Drilling contractor engaged to drill this well was Precision Drilling Rig # 436. Well was spudded on February 21, 2010 @ 1230 hrs. Surface hole of 311mm size was drilled to 391m and 219.1mm surface casing run to 391m. The well is drilled to a total depth of 1520m and logs were run to evaluate it. Production casing of 139.7mm is run to test the well.

FORMATION EVALUATION

Primary target in this well was Sulphur Point Dolomite for the production of oil and secondary target Slave Point for possible gas production. Drill cuttings samples were also collected and examined from Twin Falls formation for presence of any hydrocarbons.

Twin Falls in this well is primarily Limestone with shale interbeds in the lower part and is 157m thick in this well. The limestone is buff, grey, micritic, trace-minor very fine-grained, dense, with 3% intergranular and pin point porosity for most part. It does not have any visible hydrocarbon shows in samples.

SLAVE POINT FORMATION

Middle or Upper Devonian

397.5-385.3 Million Years

Slave point in this well was picked in samples at m. It is 41.5m thick limestone with top at 1397m (SS -584.4m). This limestone is brown-buff, mudstone-wackestone, micritic-very fine grained with occasional crystals along fracture planes and pyrite nodules at places. It has 3-6% pin point and earthy porosity and gives milky yellow slow-good streaming cut. It also has petriferous odour. Formation gas shows of 360 and 350 units against a background of 50 units were recorded from 1408-1410m and 1413-1414m depth intervals. Induction log shows 40-50 & 70-80 Ohmm deep induction respectively for these intervals.

The Slave Point formation in this well does not appear to have potential for commercial production of hydrocarbons.

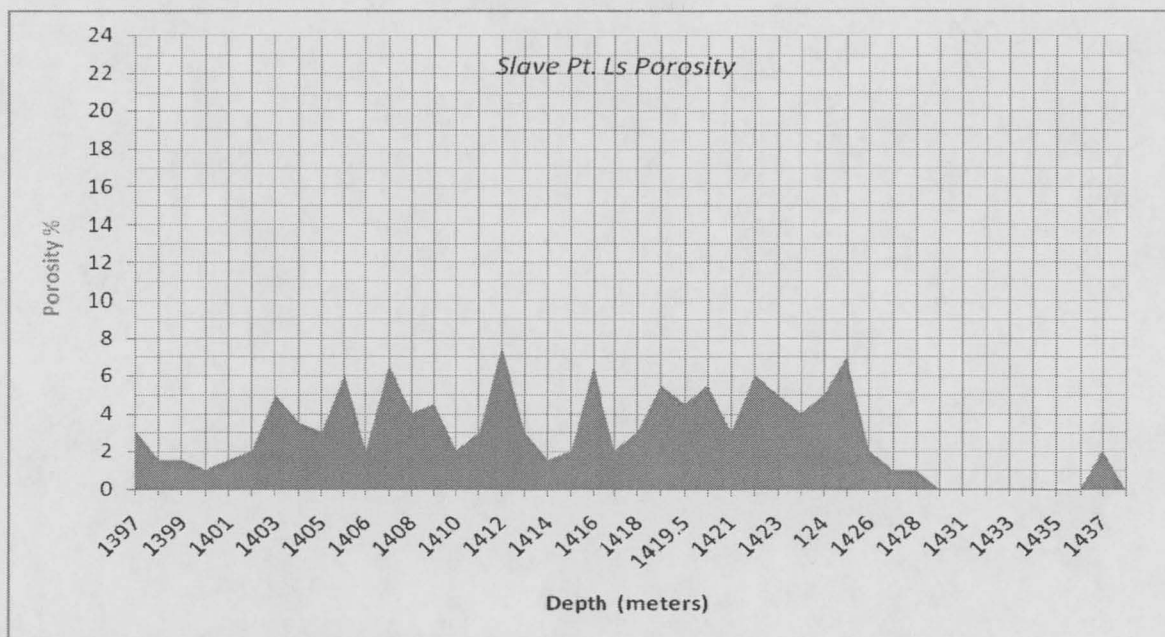


FIG 1: Graphical Presentation of Slave Pt. Limestone Porosity seen on Logs.

SULPHUR POINT FORMATION

Middle Devonian
397.5 Million Years

Sulphur Point Limestone is 9.5m thick from 1452-1461.5m (SS -639.4-648.9m). The limestone is brown-grey, dense, micritic-trace very fine grained, pyretic at places. It has 1-3% porosity with yellow white poor-fair streaming cut and petriferous odour. It shows 20-130 Ohmm deep & 18-200 Ohmm medium induction. No considerable gas shows were seen in it. Sulphur Point Limestone does not seem to be promising in this well.

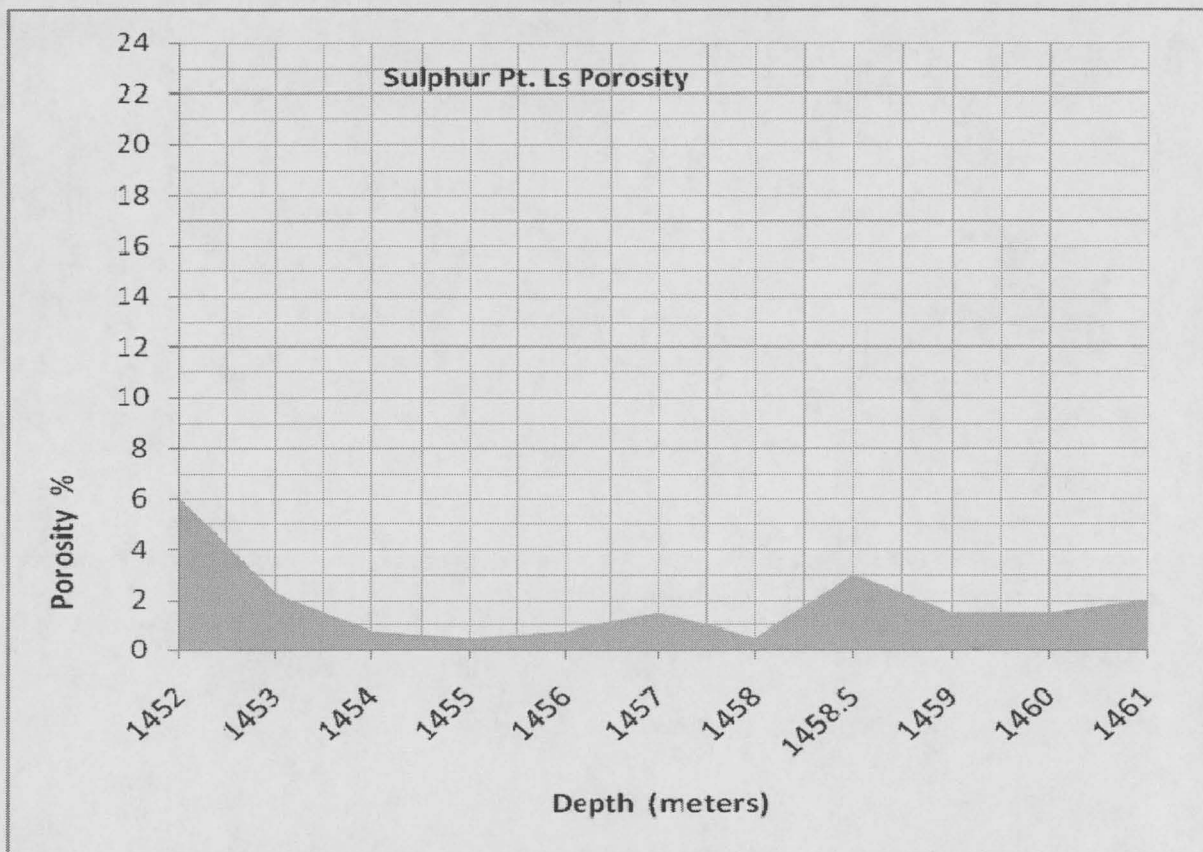
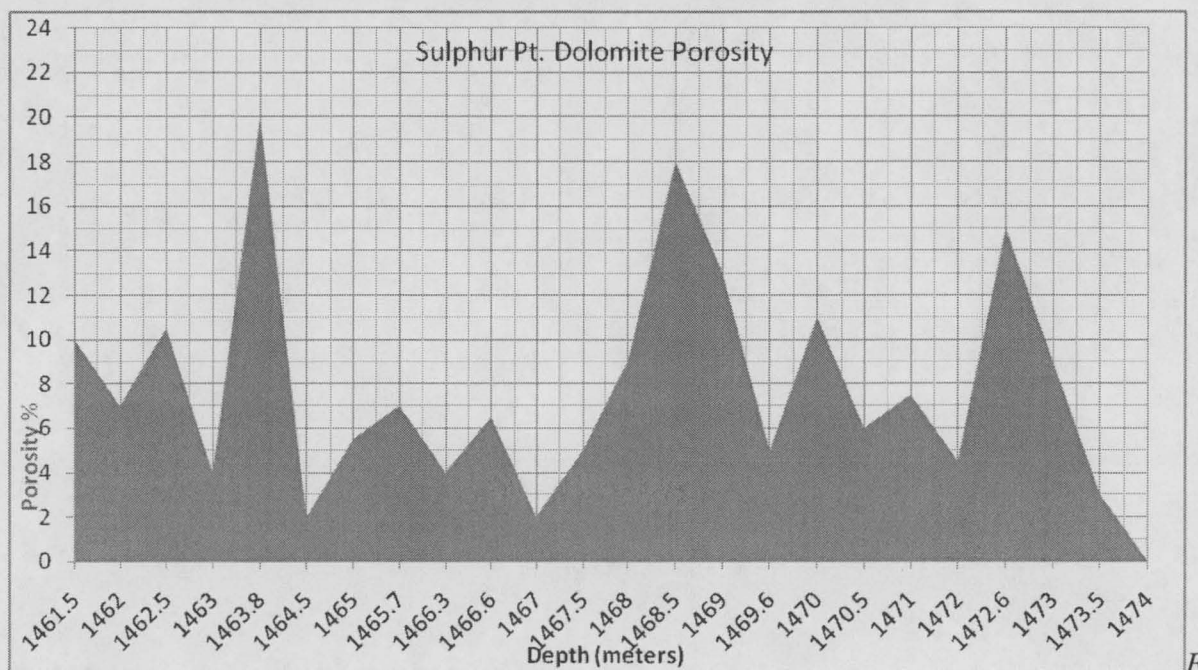


FIG 2: Graphical Presentation of Sulphur point Limestone Porosity seen in logs

Sulphur Point Dolomite is 12.5m thick from 1461.5–1474m. It is brown-dark brown, grainstone; very fine-crystalline, with common free dolomite crystals and minor bituminous partings. It has vuggy, pin point and intercrystalline porosity streaks in the range of 4-20%. Median porosity is 7%. It has three good porosity intervals from 1463.5-1464.2m, 1468.4-1469m and 1472.4-1473m with up to 20%, 18% and 15% porosities respectively. Sulphur point dolomite has scattered bright yellow fluorescence and gives yellow white fast good streaming cut. Induction log shows 10-29 Ohmm deep induction and 8-48 Ohmm medium induction. The above mentioned intervals with good porosities have 8-28 Ohmm deep & 8-30 Ohmm medium induction. Gas shows of up to 360 units over a background of 50 units were recorded by gas detector. Sulphur Point Dolomite appears to have a good potential of hydrocarbon production.



IG 3: Graphical Presentation of Sulphur Pt. Dolomite Porosity seen in Logs

SUMMARY OF WELL DATA

OPERATOR	Paramount Resources Ltd.
WELL NAME	Para et al Cameron 2B-09
LOCATION	Unit B Section 09 Grid: 60° 10' N 117° 30' W
COORDINATES (SURFACE)	Lat: 60° 08' 8.9'' N Long: 117° 31' 2.0'' W
COORDINATES (BOTTOM HOLE)	Same as surface.
UWI	302B096101117300
FIELD	Cameron Hills
PROVINCE/REGION	NWT Mainland
WELL LICENCE NUMBER	1221
WELL TYPE	Development
A.F.E. NUMBER	09N010007
GROUND ELEVATION	808.25m
K.B. ELEVATION	812.6m
DRILLING CONTRACTOR	Precision Drilling Rig # 436
SPUD DATE	February 21, 2010 @ 1230 Hrs.
COMPLETED DRILLING	March 01, 2010@0230 Hrs.
TOTAL DEPTH DRILLER	1520m.
TOTAL DEPTH LOGGERS	1511m
SURFACE HOLE SIZE	311mm From 00.00 – 391m.
MAIN HOLE SIZE	200 mm From 391 –1520 m
SAMPLES	Paramount: 830m-1070m NEB: 1350m – TD.
PROBLEMS	-

CASING RECORD

Size OD (mm)	Weight Kg/m	Make	Type	Grade	Shoe at (m)	Cement used	No Of Joints	Remarks
219.1	35.7	LKSIDE	ST&C	J-55	391	39 T + 1.5% CaCl ₂	29	New
139.7	20.8	Alberta Tubulars	ST&C	J-55	1518.7	27 T of Thixlite Lead + 9 T of Expandomix Tail	124	New

LOG RECORD

Company	Log Type	Interval (m)
Weatherford	1. Spectral Pe Density, Compensated Neutron, Gamma Ray	1489.5 – 0004.3
	2. Simultaneous Triple Induction SFL Log	1508.9 – 0390.0
	3. Monopole-Dipole Acoustic Log	1496.6 – 0390.0
	4. Micro-Resistivity Log	1479.0 – 1335.0

STATUS: POTENTIAL SULPHUR POINT DOLOMITE OIL WELL.

SUMMARY OF GEOLOGICAL MARKERS, TESTS & CORES**GEOLOGICAL MARKERS****K.B: 812.6m**

FORMATION MARKER	SAMPLE TOP		LOGS TOP		
	TMD (m)	TVD (m)	TMD (m)	TVD(m)	Subsea (m)
WABAMUN				587.0	225.6
JEAN MARIE				764.0	48.6
FORT SIMPSON				770.0	42.6
TWIN FALLS		881.0		882.0	-69.4
HAY RIVER		1036.5		1039.0	-280.4
BEAVERHILL LAKE		1376.0		1374.0	-561.4
SLAVE POINT		1398.0		1397.0	-584.4
F 4		1439.5		1438.5	-625.9
WATT MOUNTAIN		1447.5		1446.0	-633.4
SULPHUR POINT LST		1453.0		1452.0	-639.4
SULPHUR POINT DOL.		1461.0		1461.5	-648.9
MUSKEG		1474.5		1474.0	-661.4
TOTAL DEPTH DRILLER				1520.0	-707.4
TOTAL DEPTH LOGGERS				1511.0	-698.4

CORES**DATE:**

Formation	Interval (m)	Recovered.	Recovery %	Coring Equip.

SIDE WALL CORING SUMMARY**CORING DATE:**

Plug #	Time	Depth(m)	Recovery	Plug #	Time	Depth(m)	Recovery

DEVIATION SURVEYS

DEPTH (m)	INCL. DEGREES	DEPTH (m)	INCL. DEGREES	DEPTH (m)	INCL. DEGREES	INSTRUMENT REMARKS
60	0.5	252	0.5			Teledrift
105	0.5	280	0.5			Surveys for capped well B-09
133	0.5	310	0.5			Surveys for capped well B-09
160	0.5	340	0.5			
198	1.0	372	0.5			
225	0.5					End of Surveys for Capped well B-09
60	0.5	919	1.0			Start Surveys for 2B-09
105	0.5	1024	0.5			
133	0.5	1128	0.5			
198	1.0	1232	0.5			
225	0.5	1432	0.5			
255	0.5	1517	0.5			
312	0.5					
340	0.5					
373	0.5					
405	0.5					
481	0.5					
557	0.5					
633	0.5					
729	0.5					
824	1.0					

DAILY DRILLING SUMMARY

DATE	DEPTH (m)	OPERATIONS SUMMARY
Feb. 14, 2010	B-09	B-09: Tear down rig. Moved rig, most of the equipment and shacks from M-74 to B-09.
Feb. 15, 2010	-	Wait on day light. Spotted rig, buildings and other equipment. Rig up. Prespud safety inspection.
Feb. 16, 2010	224	Spudded @ 0100hrs. Drilled 311mm surface hole 00-224m with deviation surveys. Installed shaker dryer. Levelled rig. Performed rig service.
Feb. 17, 2010	392	Drilled 311mm surface hole 224-392m (TD). Circulated. Wiper trip to surface. RIH. Wash towards the bottom. Circulated & conditioned mud. Started POOH to run surface casing.
Feb. 18, 2010	000	Completed POOH. Ran 219.1mm surface casing. Circulate casing. Cement casing. Casing came apart when driller attempted to remove slips from the table. W/O orders. It was decided to skid the rig and drill new hole. Nipple down diverter system. RIH to lay down drill string. Started POOH and lay ing down drill string.
Feb. 19, 2010	2B-09	Finished POOH and laying down drill string. Tear down back side of rig. 2B-09: Rigged out and moved back end of rig to make room to drill pilot, rat and mouse holes. Wait on rat holers. Started cutting conductor and casing to cap B-09.
Feb. 20, 2010	-	Completed capping B-09. Assisted with drilling of pilot, rat and mouse holes. Finished tearing down rig. Rig skidded/moved to 2B-09. Started rig up.
Feb. 21, 2010	105	Completed rig up. Spudded @ 1230hrs. Drilled 311mm surface hole oo.00m -105. Encountered gravels. Circulated to raise mud weight. Worked tight hole.
Feb. 22, 2010	311	Ream and clean tight hole due to gravels. Conditioned mud & raised viscosity to clean hole of gravels. Drilled 311mm surface hole from 105m -197m. Bit trip. Drilled from 197-311m while doing surveys and performing rig service.
Feb. 23, 2010	391	311mm surface hole 311-358. Changed washed pipe packing & o ring. Drilled from 358-391m. Circulated and conditioned mud. Wiper trip to surface. RIH. Bridged @ 105m. Reamed and cleaned hole. Washed 385m to bottom. Circulated & conditioned mud. Wiper trip to 92m. Chain (& pipe spin) out. RIH. Circulated while waiting on power tong.

		Power tong was on rig 245. Started POOH to run surface casing.
Feb. 24, 2010	391	Completed POOH. Leveled rig. Ran & circulated surface casing. Cemented surface casing. WOC. Wait on welder. Cut casing. Laid down diverter. Weld on casing and pressure tested casing bowl. Started nipling up BOP's. Rigged up Gas detector.
Feb. 25, 2010	535	Completed nipling up BOP'S. Wait on pressure tester. Performed pressure tests. RIH. Drilled out cement plug, float and shoe. Drilled 200mm main hole 391-535m.
Feb. 26, 2010	912	Drilled 200mm main hole while taking surveys from 535-912m. Pump LCM sweep @ 779m.
Feb. 27, 2010	1064	Drilled 200mm main hole while taking surveys from 912-1169m. Worked tight hole. Wiper trip 1046m to surfacing casing.
Feb. 28, 2010	1492	Drilled 200mm main hole from 1169-1492m while taking deviation surveys and doing rig service.
March 01, 2010	1520	Drilled 200mm main hole from 1492-1520m while taking deviation surveys and doing rig service. Wiper trip to surface casing. RIH. Circulated, conditioned mud and cleaned hole. Wiper trip #2 to 1030m. Circulated on bottom. POOH. Start running logs.
March 02, 2010	1520	Finished running wire line logs. RIH with bit for clean out trip. Circulated on bottom and conditioned mud. Ran 139.7mm production casing. Circulated casing. Wait on cementers. Rigged down gas detector.
March 03, 2010	1520	Circulated, WO cementers. Cement truck was stuck on a hill close to location. Cement production casing. Wait on decision on moving or not moving to next location. It was decided not to continue with the drilling program due to warmer weather conditions and poor roads. Left wellsite. Road from camp to highway was closed due to poor condition. Stayed at camp.
March 04, 2010		Left Camp. Stayed overnight at White Court.
March 05, 2010		Left White Court. Arrived in Calgary.

PARA ET AL CAMERON 2B-09

UNIT b SECTION 09 GRID 60° 10' 117° 30'

SAMPLE RECORD

KB: K.B: 812.6m

FORMATION TOPS MARKED ARE AS PER SAMPLE & ROP

825-830 SHALE 100% light green, black, fissile-subfissile, part carbonaceous, micaceous, medium hard.

MINOR LIMESTONE grey, micritic-minor very fine grained, estimated 0-3% intergranular porosity, no visible shows.

830-835 LIMESTONE 80% buff, grey, mudstone, dense, micritic-minor very fine grained, tight, 0-3% earthy porosity, no visible shows. Poor samples.

SHALE 20% light green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile.

835-840 LIMESTONE 90% buff, grey, mudstone, dense, micritic-minor very fine grained, tight, 0-3% earthy porosity, no visible shows. Poor samples.

SHALE 10% light green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile.

840-845 LIMESTONE 60% buff, grey, mudstone, dense, micritic-minor very fine grained, trace pyrite nodules, tight, 0-3% earthy porosity, no visible shows. Poor samples. SHALE 40% light green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile.

845-850 SHALE 60% light green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile. LIMESTONE 40% buff, grey, mudstone, dense, micritic-minor very fine grained, trace pyrite nodules, tight, 0-3% earthy porosity, no visible shows. Very fine Poor samples.

850-855 LIMESTONE 90% buff, grey, mudstone, dense, micritic-minor very fine grained, tight, 0-3% earthy porosity, no visible shows. Poor samples. SHALE 10% light green, black, medium hard, micaceous, slightly calcareous, part carbonaceous, fissile-subfissile.

855-860 SHALE 100% light green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile. LIMESTONE MINOR as above.

860-865 SHALE 60% light green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile. LIMESTONE 40% buff, grey, mudstone, dense, micritic-minor very fine grained, tight, 0-3% earthy porosity, no visible shows. Very fine samples.

865-870 SHALE 90% light green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile. LIMESTONE 10% as above.

870-875 SHALE 70% light green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile. LIMESTONE 30% buff, grey, mudstone, dense, micritic-minor very fine grained, tight, 0-3% earthy porosity, no visible shows.

875-880 LIMESTONE 70% buff, light brown, mudstone, dense, micritic-minor very fine grained, estimated 0-3% earthy porosity, no visible shows. SHALE 30% light green, black, medium hard, micaceous, slightly calcareous, part carbonaceous, fissile-subfissile.

TOP TWIN FALLS 881m (-68.4m SS)

880-885 LIMESTONE 80% buff, light brown, mudstone, dense, micritic-minor very fine grained, estimated 3-6% earthy porosity, no visible shows. SHALE 20% light green, black, medium hard, micaceous, slightly calcareous, part carbonaceous, fissile-subfissile.

885-890 LIMESTONE 90% buff, light brown, mudstone, dense, micritic-minor very fine grained, estimated 3-6% earthy porosity, no visible shows. SHALE 10% grey green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile.

890-900 LIMESTONE 95% buff, light brown, grey, mudstone, dense, micritic-minor very fine grained, estimated 3-6% earthy porosity, no visible shows. SHALE 05% grey green, black, medium hard, micaceous, slightly calcareous, fissile-subfissile.

900-905 LIMESTONE 90% buff, light brown, micritic-minor very fine grained, dense, estimated 3-5% intergranular porosity, no visible shows. SHALE 10% dark grey, greenish grey, micaceous, medium hard, fissile-subfissile.

905-910 LIMESTONE 95% buff, light brown, micritic-minor very fine grained, dense, estimated 3-5% pin point and earthy porosity, no visible shows. SHALE 05% dark grey, greenish grey, black, micaceous, medium hard, fissile-subfissile.

910-915 LIMESTONE 100% buff, light brown, micritic-minor very fine grained, dense, estimated 3-5% pinpoint and earthy porosity, no visible shows. SHALE MINOR dark as above.

915-920 LIMESTONE 100% buff, light brown, micritic-very fine grained, dense, estimated 3-5% pinpoint and earthy porosity, no visible shows. SHALE MINOR dark as above.

920-925 LIMESTONE 100% buff, light brown, grey, micritic-part very fine grained, dense, estimated 3-5% pinpoint and earthy porosity, no visible shows.

925-930 LIMESTONE 70% buff, light brown, micritic-minor very fine grained, dense, estimated 3-5% pinpoint and earthy porosity, no visible shows. SHALE 30% greenish grey, dark grey, micaceous, medium hard, fissile-subfissile.

930-935 LIMESTONE 60% buff, light brown, micritic-minor very fine grained, dense, estimated 3-6% pinpoint and earthy porosity, no visible shows.

SHALE 40% greenish grey, dark grey, micaceous, medium hard, fissile-subfissile.

935-940 LIMESTONE 90% buff, light brown, micritic-minor very fine grained, dense, trace pyrite, trace dolomitic, estimated 3-6% pinpoint and earthy porosity, no visible shows.

SHALE 10% greenish grey, dark grey, micaceous, medium hard, fissile-subfissile.

940-945 LIMESTONE 90% buff, light brown, micritic-very fine grained, dense, trace dolomitic, estimated 3-6% intergranular porosity, no visible shows.

SHALE 10% greenish grey, dark grey, micaceous, medium hard, fissile-subfissile.

945-950 LIMESTONE 80% buff, light brown, micritic-very fine grained, dense, traces dolomitic, estimated 3-6% pinpoint and earthy porosity, no visible shows.

SHALE 20% greenish grey, dark grey, micaceous, medium hard, fissile-subfissile.

950-955 LIMESTONE 90% buff, light brown, micritic-very fine grained, dense, traces dolomitic, estimated 3-6% pinpoint and earthy porosity, no visible shows.

SHALE 10% greenish grey, dark grey, micaceous, medium hard, fissile-subfissile.

955-960 LIMESTONE 70% buff, light brown, micritic-very fine grained, dense, trace pyrite nodule, estimated 3-6% pinpoint and earthy porosity, no visible shows.

SHALE 30% greenish grey, dark grey, micaceous, medium hard, fissile-subfissile.

960-965 LIMESTONE 60% buff, light brown, micritic-very fine grained, dense, trace pyrite, estimated 3-6% pinpoint and earthy porosity, no visible shows.

SHALE 40% greenish grey, dark grey, micaceous, medium hard, fissile-subfissile.

965-970 SHALE 70% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile. LIMESTONE 30% buff, light brown, micritic-very fine grained, very fine cuttings, dense, estimated 3-6% pinpoint and earthy porosity, no visible shows.

970-975 SHALE 80% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile. LIMESTONE 20% buff, light brown, micritic-minor very fine grained, dense, very fine cuttings, estimated 3-6% pinpoint and earthy porosity, no visible shows.

975-980 SHALE 70% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile. LIMESTONE 30% buff, light brown, micritic-minor very fine grained, dense, trace pyrite and free crystals, estimated 3-6% pinpoint and earthy porosity, no visible shows.

980-985 SHALE 80% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile. LIMESTONE 20% buff, light brown, micritic-trace very fine grained, dense, estimated 3-6% pinpoint and earthy porosity, no visible shows.

985-990 LIMESTONE 90% buff, light brown, micritic-minor very fine grained, dense, trace disseminated pyrite, estimated 3-6% pinpoint and earthy porosity, no visible shows.
SHALE 10% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile.

990-995 LIMESTONE 80% buff, light brown, micritic-trace very fine grained, dense, estimated 3-6% pinpoint and earthy porosity, no visible shows.
SHALE 20% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile.

995-1000 LIMESTONE 80% buff, light brown, micritic-trace very fine grained, dense, estimated 3-6% intergranular porosity, no visible shows.
SHALE 20% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile.

1000-1005 LIMESTONE 80% buff, light brown, micritic-trace very fine grained, dense, trace pyrite nodule, estimated 3-6% pinpoint and earthy porosity, no visible shows.
SHALE 20% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile.

1005-1015 LIMESTONE 90% buff, light brown, micritic-trace very fine grained, dense, estimated 3-6% pinpoint and earthy porosity, no visible shows.
SHALE 10% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile.

1015-1020 LIMESTONE 95% buff, light brown, micritic-trace very fine grained, dense, estimated 3-6% pinpoint and earthy porosity, no visible shows.
SHALE 05% greenish grey, dark grey, black, micaceous, medium hard, fissile-subfissile.

1020-1025 LIMESTONE 100% buff, light brown, micritic-trace very fine grained, dense, trace pyrite nodules, estimated 3-6% intergranular porosity, no visible shows.

1025-1030 LIMESTONE 100% buff, light brown, micritic-trace very fine grained, dense, trace pyrite nodules, estimated 3-6% pinpoint and earthy porosity, no visible shows.

1030-1035 LIMESTONE 60% buff, light brown, micritic-trace very fine grained, dense, estimated 3-6% pinpoint and earthy porosity, no visible shows.
SHALE 40% grey, minor greenish grey, micaceous, medium hard, calcareous and silty, trace pyretic, fissile-blocky.

TOP HAY RIVER 1036.5m (SS -223.9m)

1035-1040 LIMESTONE 70% buff, light brown, micritic-trace very fine grained, dense, trace pyrite, estimated 3-6% pinpoint and earthy porosity, no visible shows.
SHALE 30% grey, minor greenish grey, micaceous, medium hard, calcareous and silty, trace pyretic, fissile-blocky.

1040-1045 LIMESTONE 60% buff, light brown, micritic-trace very fine grained, dense, estimated 3-6% pinpoint and earthy, rare intergranular porosity, no visible shows.
SHALE 40% grey, minor greenish grey, micaceous, medium hard-hard, calcareous and silty, fissile-blocky.

1045-1050 LIMESTONE 60% buff, light brown, micritic-trace very fine grained, dense, trace pyrite, estimated 3-6% pinpoint and earthy porosity, no visible shows.

SHALE 40% grey, minor greenish grey, micaceous, medium hard, calcareous and silty, fissile-blocky.

1050-1055 SHALE 90% greenish grey, grey, black, micaceous, medium hard, calcareous and silty, trace pyretic, fissile-blocky.

LIMESTONE 10% buff, light brown, micritic-trace very fine grained, dense, par argillaceous, estimated 3-5% pinpoint and earthy porosity, no visible shows.

1055-1060 SHALE 95% greenish grey, grey, black, micaceous, medium hard, calcareous, fissile-blocky. LIMESTONE 05% as above.

1060-1065 SHALE 90% greenish grey, grey, black, micaceous, medium hard, calcareous, trace pyrite, fissile-blocky. LIMESTONE 10% buff, light brown, micritic-trace very fine grained, dense, part argillaceous, estimated 3-5% pinpoint and earthy porosity, no visible shows.

1065-1070 SHALE 85% greenish grey, grey, black, micaceous, medium hard, calcareous, trace pyrite, fissile-blocky. LIMESTONE 15% buff, light brown, micritic-trace very fine grained, dense, part argillaceous, estimated 3-5% pinpoint and earthy porosity, no visible shows.

NO SAMPLES WERE COLLECTED FROM 1070m to 1340m DEPTH

1335-1340 SHALE 100% grey green, black brown, rough-waxy, medium hard-hard, micaceous, calcareous, trace pyrite, fissile-subfissile, part blocky. Trace limestone.

1340-1345 SHALE 100% dark brown, minor grey green, rough-waxy, medium hard-hard, micaceous, green grey slightly silty, calcareous, trace limestone, fissile-subfissile, dark brown gives cut.

1345-1350 SHALE 100% greenish grey, dark brown, rough-waxy, medium hard-hard, micaceous, greenish grey slightly silty, calcareous, fissile-subfissile, dark brown gives cut.

1350-1355 SHALE 100% greenish grey, part dark brown, rough-waxy, medium hard-hard, micaceous, part slightly silty, calcareous, trace pyrite nodule, fissile-subfissile, dark brown gives cut.

1355-1360 SHALE 100% greenish grey, minor dark brown, rough-waxy, medium hard-hard, micaceous, part slightly silty, calcareous, fissile-subfissile, part splintery, dark brown gives cut.

1360-1365 SHALE 90% greenish grey, minor black brown, rough-waxy, medium hard-hard, micaceous, part silty, calcareous, trace pyretic, part very calcareous grading to marlstone, fissile-blocky.

TRACE LIMESTONE grey, mudstone, micritic-very fine grained, argillaceous, tight, 0-3% earthy porosity, no shows.

1365-1370 SHALE 100% greenish grey, minor black brown, rough-waxy, medium hard-hard, micaceous, part silty, calcareous, minor pyretic, trace pyrite nodules, fissile-subfissile.

TRACE LIMESTONE grey, mudstone, micritic-very fine grained, argillaceous, tight, 0-3% earthy porosity, no shows.

1370-1375 SHALE 100% dark brown, minor grey, rough, medium hard-hard, micaceous, calcareous, trace pyretic, trace pyrite nodules, fissile-subfissile. Trace limestone.

TOP BEAVERHILL LAKE 1376 m (SS -563.4m)

1375-1380 SHALE 100% greenish grey, minor black brown, rough-waxy, medium hard-hard, micaceous, part silty, calcareous, traces pyretic, trace pyrite nodules, fissile-blocky.

LIMESTONE TRACE light grey, mudstone, micritic, dense, argillaceous, tight, 0-3% earthy porosity, no shows.

1380-1385 SHALE 90% greenish grey, minor black brown, rough-waxy, medium hard-hard, micaceous, part silty, calcareous, traces pyretic, trace pyrite nodules, fissile-blocky.

LIMESTONE 10% light grey, mudstone, micritic, dense, argillaceous, tight, 0-3% earthy porosity, no shows.

1385-1390 SHALE 90% greenish grey, minor black brown, rough-waxy, medium hard-hard, micaceous, slightly silty, calcareous, traces pyretic, trace pyrite nodules, fissile-blocky.

LIMESTONE 10% light grey, mudstone, micritic, dense, argillaceous, tight, 0-3% earthy porosity, no shows.

1390-1395 SHALE 95% greenish grey, minor black brown, rough-waxy, medium hard-hard, micaceous, slightly silty, calcareous, traces pyretic, trace pyrite nodules, fissile-blocky.

LIMESTONE MINOR-5% light grey, mudstone, micritic, dense, argillaceous, pyretic, tight, 0-3% earthy porosity, no shows.

TOP SLAVE POINT 1398m (SS -585.4m)

1395-1400 LIMESTONE 100% brown, mudstone, micritic, dense, pyretic, tight, 0-3% earthy porosity, no visible-very poor slow cut.

SHALE MINOR green light, waxy, medium hard-hard, micaceous, calcareous, traces pyretic, fissile-blocky.

1400-1405 LIMESTONE 100% brown, buff, mudstone, lumpy, dense, micritic-tracer very fine grained, tight, 3% earthy porosity, milky yellow slow streaming cut, gives petriferous odour.

1405-1410 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic-very fine grained, occasional crystals along fracture, estimated 3-6% pin point and earthy porosity, milky yellow slow streaming cut, gives petriferous odour.

1410-1415 LIMESTONE 100% brown, buff, mudstone-wakestone, micritic-very fine grained, trace free crystals, some bitumen partings, estimated 3-6% pin point and earthy porosity, milky yellow slow streaming cut, gives petriferous odour.

1415-1420 LIMESTONE 100% brown, buff, mudstone-wakestone, lumpy, dense, micritic-very fine grained, estimated 6% pin point and earthy porosity, milky yellow good streaming cut, gives petriferous odour.

1420-1425 LIMESTONE 100% brown, grey, mudstone-wakestone, lumpy, dense, micritic-very fine grained, trace free crystals, traces bituminous shale, estimated 6% pin point and earthy porosity, milky yellow good streaming cut, gives petriferous odour.

1425-1430 LIMESTONE 100% brown, grey, mudstone-wakestone, lumpy, dense, micritic-very fine grained, estimated 3-6% pin point and intergranular porosity, milky yellow good streaming cut, gives petriferous odour.

1430-1435 LIMESTONE 100% brown, grey, mudstone, lumpy, dense, micritic-traces very fine grained, estimated 0-3 % pin point and earthy porosity, milky yellow good streaming cut.

TOP F-4 1439.5m (SS -626.9m)

1435-1440 LIMESTONE 100% brown, grey, mudstone, lumpy, dense, micritic-traces very fine grained, traces Dolomite and Anhydrite, estimated 0-3 % pin point and earthy porosity, no visible-poor slow cut.

1440-1445 LIMESTONE 100% as above, DOLOMITE TRACE brown, wakestone-grainstone, microcrystalline-very fine crystalline, calcareous, estimated 3-6% pin point and intercrystalline porosity, milky yellow fair slow cut. ANHYDRITE MINOR buff, tan, dense, hard.

TOP WATT MOUNTAIN 1447.5m (-634.9m)

1445-1450 LIMESTONE 100% brown, grey, mudstone, dense, micritic-traces very fine grained, estimated 0-3 % pin point and earthy porosity, no visible-poor slow cut.

SHALE MINOR green, calcareous, pyretic, hard, subfissile-blocky, medium hard-hard, Minor Dolomite and Anhydrite as above.

TOP SULPHUR POINT LIMESTONE 1453m (-640.4m)

1450-1455 LIMESTONE 95% brown, grey, mudstone, dense, micritic-traces very fine grained, pyretic, estimated 0-3 % pin point and earthy porosity, no visible-poor slow cut, gives petroliferous odour. SHALE 5% green, waxy-silky, medium hard-hard, micaceous, calcareous, pyretic, subfissile-blocky.

1455-1460 LIMESTONE 100% brown, grey, mudstone, dense, micritic, trace very fine grained, pyretic, estimated 0-3 % pin point and earthy porosity, yellow white fair streaming cut, gives petroliferous odour.

TOP SULPHUR PT DOLOMITE 1461m (SS -648.4m)

1460-1462.5 LIMESTONE 100% brown, grey, mudstone, dense, micritic, trace very fine grained, pyretic, estimated 0-3 % pin point and earthy porosity, yellow white fair streaming cut, gives petroliferous odour. Trace Dolomite.

1462.5-1465 LIMESTONE 80% as above.

DOLOMITE 20% brown, grainstone, very fine-minor fine crystalline, slightly calcareous, estimated 6-9% intercrystalline, pin point & vuggy porosity, scattered bright yellow fluorescence, yellow white good streaming cut, gives petroliferous odour.

1465-1467.5 DOLOMITE 40% brown, grainstone, very fine-fine crystalline, some free crystals, estimated 6% vuggy and intercrystalline porosity, scattered yellow fluorescence, yellow white good streaming cut. LIMESTONE 60% as above.

1467.5-1470 DOLOMITE 100% brown, grainstone, very fine-fine crystalline, crystals, traces bitumen partings, estimated 6-9% intercrystalline and vuggy porosity, bright yellow fluorescence, yellow white good streaming cut.

1470-1472.5 DOLOMITE 100% brown, grainstone, very fine-fine crystalline, traces free crystals, estimated 6% intercrystalline, pin point and trace vuggy porosity, scattered bright yellow fluorescence, yellow white good fast streaming cut.

TOP MUSKEG 1474.5m (SS -661.9m)

1472.5-1475 DOLOMITE 100% brown, grainstone, very fine-fine crystalline, estimated 6-9% intercrystalline and pin point porosity, scattered bright yellow fluorescence, yellow white good fast streaming cut.

1475-1480 DOLOMITE 100% brown, grainstone, very fine-fine crystalline, estimated 3% intercrystalline and pin point porosity, milky white good streaming cut, gives petroliferous odour
ANHYDRITE MINOR-5% cream, white, off white, dense, cryptocrystalline, hard.

1480-1485 DOLOMITE 90% brown, grainstone, very fine-fine crystalline, estimated 3% intercrystalline and pin point porosity, milky white good streaming cut, gives petroliferous odour
ANHYDRITE 10% white, cream, dense, microcrystalline, hard.

1485-1490 DOLOMITE 95% brown, grainstone-packstone, very fine-fine crystalline, estimated 3% intercrystalline and pin point porosity, milky white good streaming cut, gives petroliferous odour
ANHYDRITE 5% white, cream, dense, microcrystalline, hard.

1490-1495 DOLOMITE 80% brown, grainstone-packstone, very fine-fine crystalline, part anhydritic, estimated 3% intercrystalline and pin point porosity, milky white fair cut.
ANHYDRITE 20% white, cream, dense, microcrystalline, hard.

1495-1500 DOLOMITE 70% brown, grainstone-packstone, very fine-fine crystalline, part anhydritic, estimated 3% intercrystalline and pin point porosity, milky white good streaming cut. ANHYDRITE 30% white, cream, dense, microcrystalline, hard.

1500-1505 DOLOMITE 80% brown, grainstone-packstone, very fine-fine crystalline, part anhydritic, estimated 3% intercrystalline and pin point porosity, milky white good streaming cut. ANHYDRITE 20% white, cream, dense, microcrystalline, hard.

1505-1510 DOLOMITE 80% brown, grainstone-packstone, very fine-fine crystalline, minor microcrystalline, part anhydritic, estimated 3% intercrystalline and pin point porosity, milky white good streaming cut. ANHYDRITE 20% white, cream, dense, microcrystalline, hard.

1510-1515 DOLOMITE 70% brown, grainstone-packstone, very fine-fine crystalline, minor microcrystalline, part anhydritic, estimated 3% intercrystalline and pin point porosity, milky white good streaming cut, gives petroliferous odour. ANHYDRITE 30% white, cream, dense, microcrystalline, hard.

1515-1520 DOLOMITE 80% brown, grainstone-packstone, very fine-fine crystalline, minor microcrystalline, part anhydritic, part bituminous, estimated 3% intercrystalline and pin point porosity, milky white good streaming cut. ANHYDRITE 20% white, cream, dense, microcrystalline, hard.

TD 1520m (SS -707.4 m) REACHED ON MARCH 01, 2010 @ 0230HRS.

BIT RECORD

Bit No.	Size mm	Make	Type	Jets	Depth IN/Out (m)	Bit Mtrs	Bit Hrs	Wt DaN 1000	RPM	Cumul. Hrs	Remarks
IRR	311	Varel	HE04JMR SV	12.7X4	000/197	197	13.50	4	125	13.50	Surf. Hole
2	311	Varel	HE04JMR SV	11.1X2 12.7X1 15.9X1	197/391	194	15.50	6	150	29.0	
3	200	Varel	VTD513H X	8.7X6	391/1520	1129	70.25	2-7	80-100	70.25	Main Hole

BIT HOURS TO DRILL 391m OF SURFACE HOLE: 029.00

BIT HOURS TO DRILL 1129m OF MAIN HOLE: 070.25

TOTAL BIT HOURS TO DRILL 1520m OF HOLE: 119.25

MUD RECORD

WELL NAME: Para et al Cameron 2B-09

MUD COMPANY: Marquis Alliance

HOLE SIZE: 311 & 222 mm

MUD TYPE: Polymer.

TOTAL DEPTH: 1520m

MUD UP @: 1000m

DEPTH (M)	DEN. Kg/m ³	VIS. (S/L)	W.L. (ml/30 min)	pH	REMARKS
105	1030	43	15.0	8.0	
126	1070	44	-	8.5	
359	1050	42	7	8.0	
391	1130	50	-	10.0	
406	1010	30	-	8.0	
637	1010	29	-	8.0	
956	1030	32	-	8.0	
1239	1070	43	7.0	8.5	
1360	1070	44	6.0	9.0	
1491	1090	55	5.0	10.5	
1520	1090	75	5.0	9.5	

ENCLOSURES

Following are enclosed as part of this report.

1. Geological Strip Log & ROP GAS Plot: 391m to TD.
2. CD.

DISTRIBUTION

The original and FIVE copies of the geological report on Para et al Cameron 2B-09 has been completed. The ORIGINAL and FOUR copies of the report are being forwarded to PARAMOUNT RESOURCES LTD. and the remaining copy is being retained by Moh & Associates Oilfield Consultants Ltd.

Respectfully,

**Moh Sahota, B.Sc. (Hons.), M.Sc. (Geology)
President
Moh and Associates Oilfield Consultants Ltd.**



Paramount
resources ltd.

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

Well Name: Para et al Cameron 2B-09
Location: Unit B Section 09 Grid 60 10 117 30
License Number: 1221
Spud Date: Feb. 21, 2010@1230hrs
Surface Coordinates: Lat 60° 08' 8.9" Long 117° 31' 2.0"

Region: NWT Mainland
Drilling Completed: March 01, 2010 @ 0230

Bottom Hole Same as surface
Coordinates:
Ground Elevation (m): 805.25 K.B. Elevation (m): 812.6
Logged Interval (m): Surface To: TD Total Depth (m): 1520m
Formation:
Type of Drilling Fluid: Polymer

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. Canada. T2P 5C5

GEOLOGIST

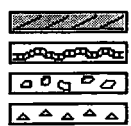
Name: Mashhood Chaudhry
Company: Moh & Associates Oilfield Consultants Ltd.
Address: 509 - 206 7th Avenue S.W.
Calgary, AB. Canada. T2P 0W7

Cores

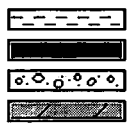
DSTs

Comments

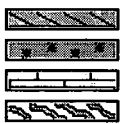
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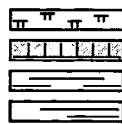
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Brec
Cht



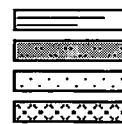
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Coal
Congl
Dol



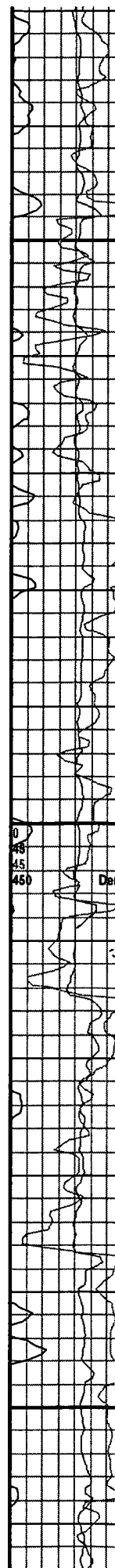
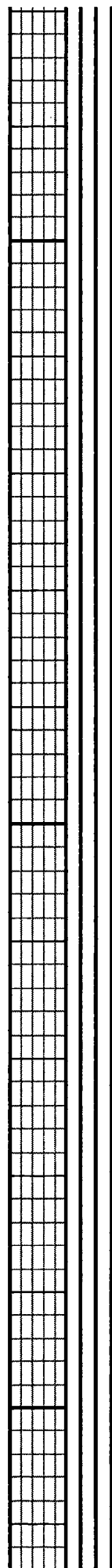
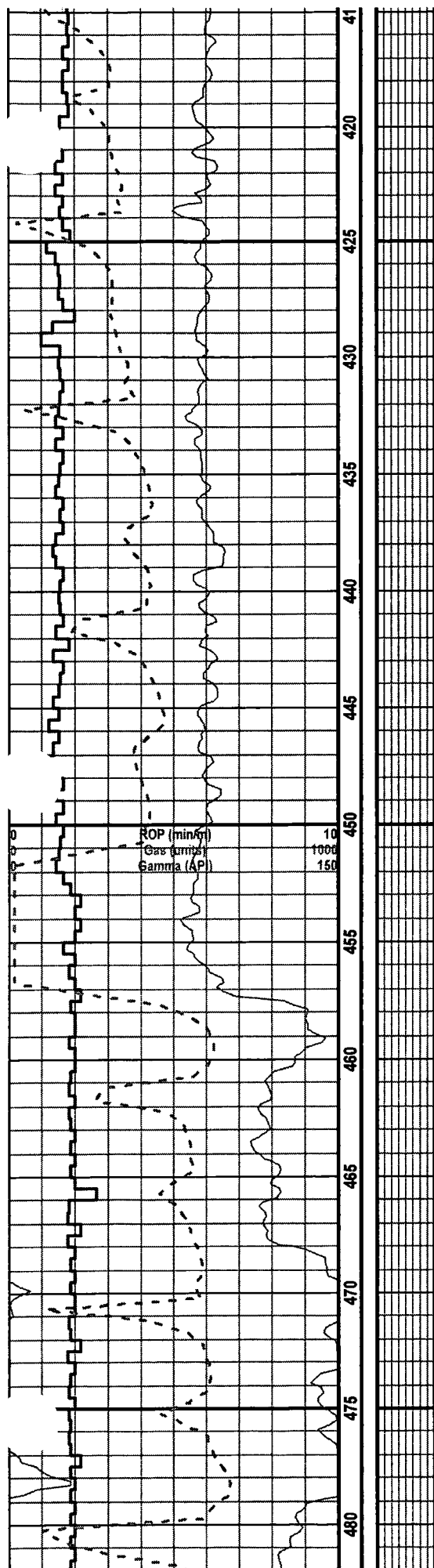
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Igne
Lmst
Meta

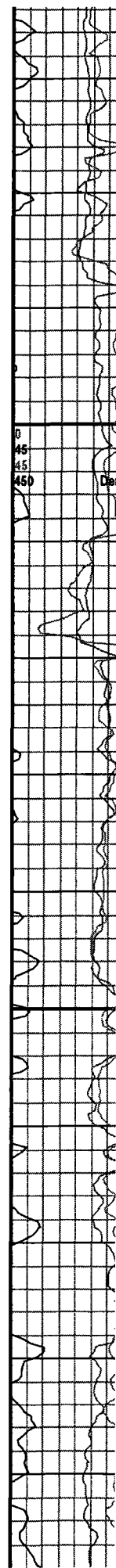
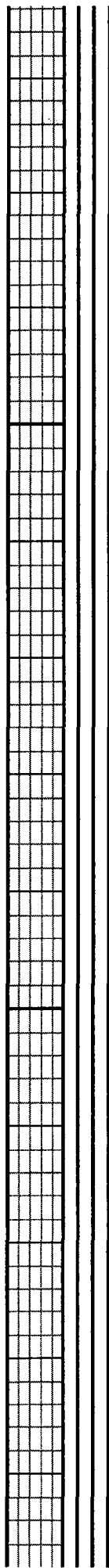
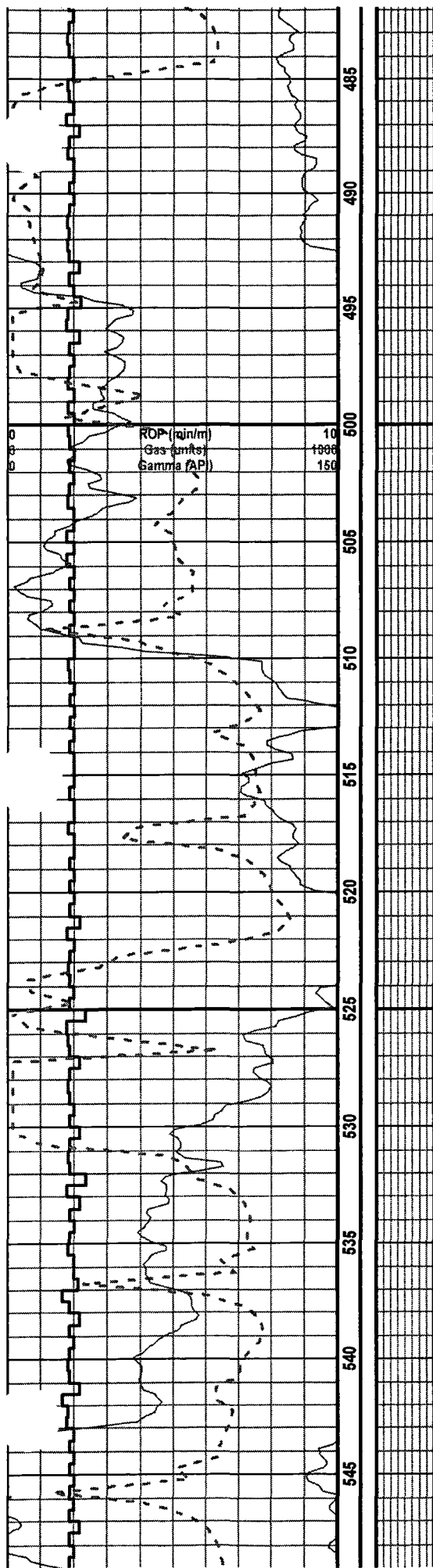


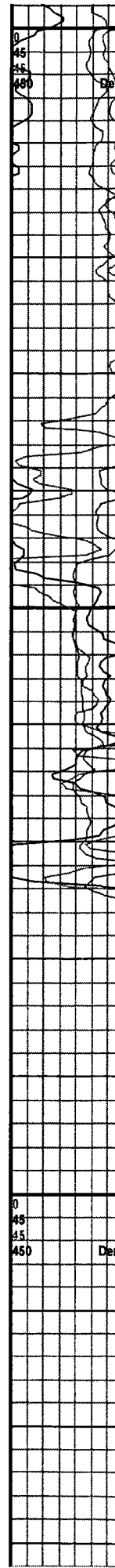
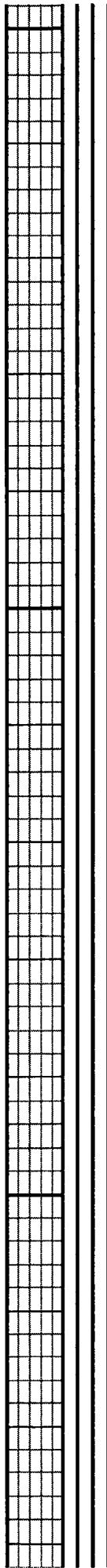
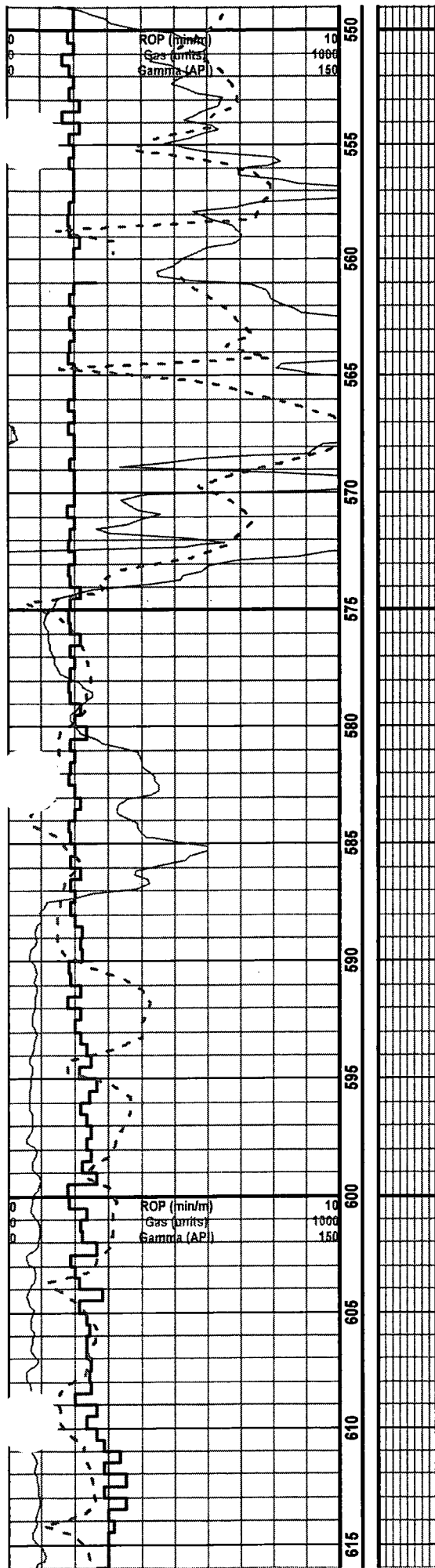
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Salt
Shale
Shcol

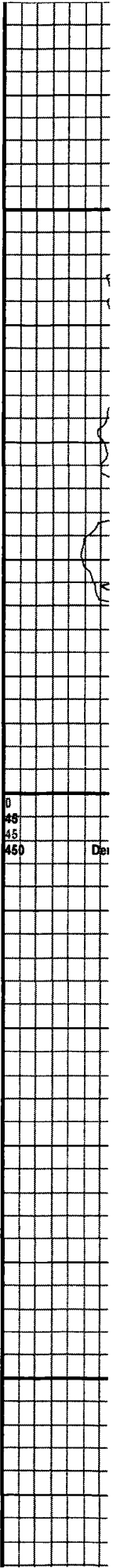
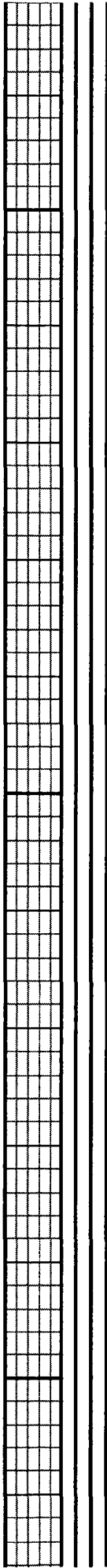
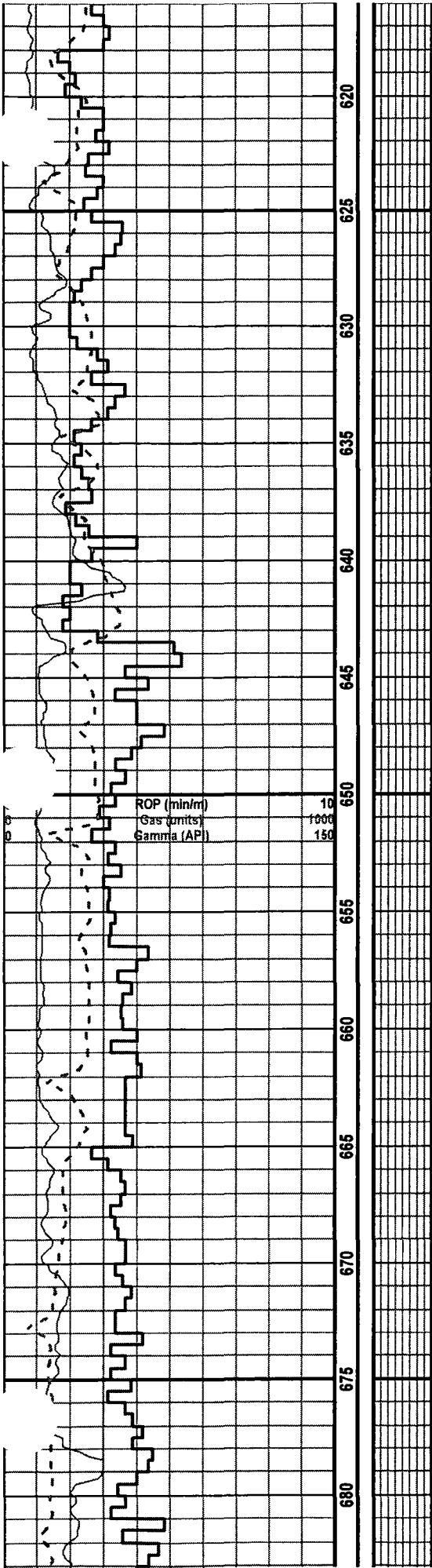


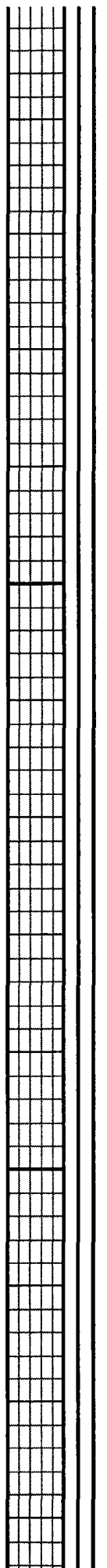
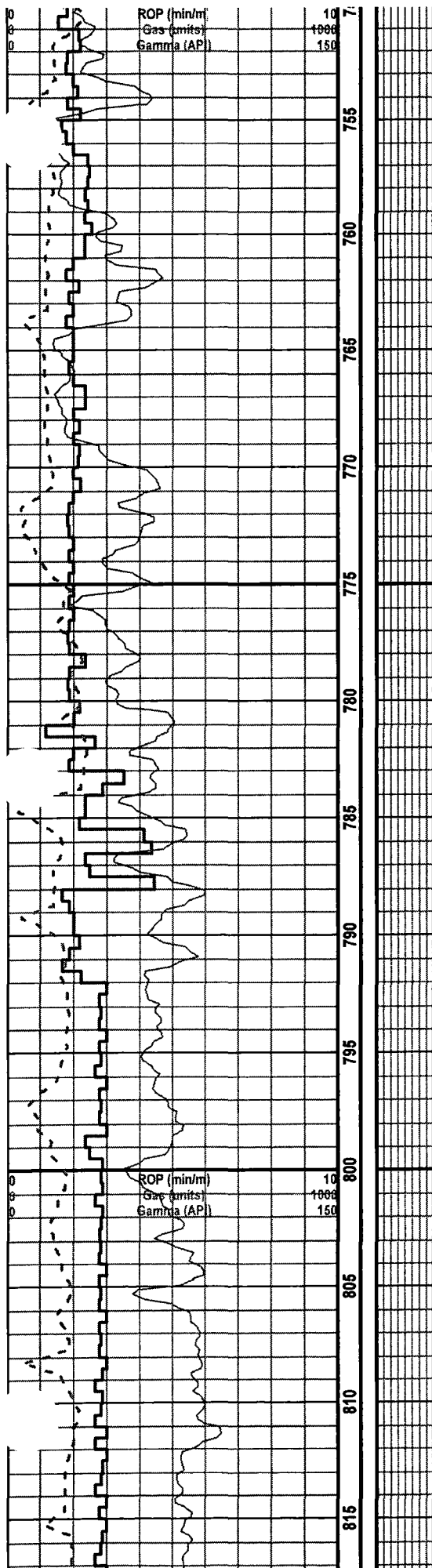
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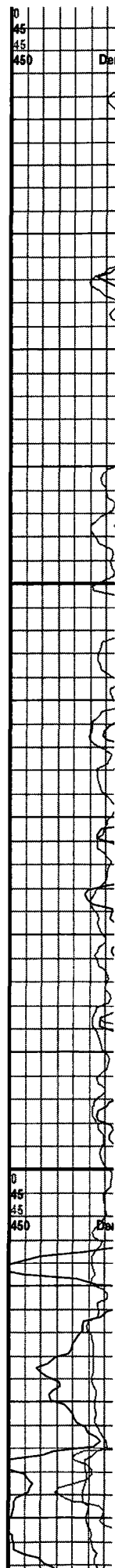


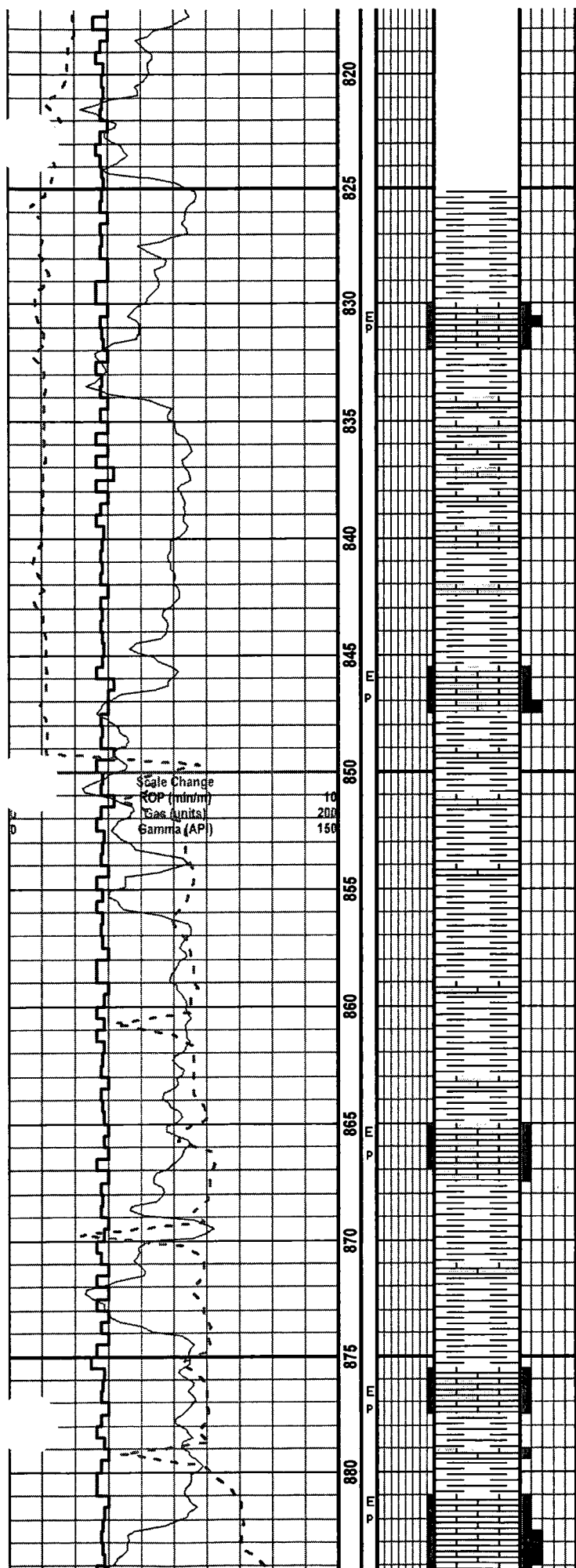




SAMPLES FOR PARAMOUNT: 830-1060M

SAMPLES FOR NEB: 1340m-TD.





FORMATION TOPS MARKED ARE AS PER SAMPLE & ROP

825-830 SH 100% lt gn, blk, fis-subfissile, pt carb, mics, med hd.
MINOR LS grey, mict-mnr vfg, est 0-3% intgr por, no visible shows.

830-835 LS 80% bf, grey, mudst, dns, mict-mnr vfg, tt, 0-3% rthy
por, no visible shows. Poor samples.
SH 20% lt gn, blk, med hd, mics, sl calc, fis-subfissile.

835-840 LS 90% bf, grey, mudst, dns, mict-mnr vfg, tt, 0-3% rthy
por, no visible shows. Poor samples.
SH 10% lt gn, blk, med hd, mics, sl calc, fis-subfissile.

840-845 LS 60% bf, grey, mudst, dns, mict-mnr vfg, tr pyr nod, tt,
0-3% rthy por, no visible shows. Poor samples. SH 40% lt gn, blk,
med hd, mics, sl calc, fis-subfissile.

845-850 SH 60% lt gn, blk, med hd, mics, sl calc, fis-subfissile. LS
40% bf, grey, mudst, dns, mict-mnr vfg, tr pyr nod, tt, 0-3% rthy por,
no visible shows. vf Poor samples.

850-855 LS 90% bf, grey, mudst, dns, mict-mnr vfg, tt, 0-3% rthy
por, no visible shows. Poor samples. SH 10% lt gn, blk, med hd,
mics, sl calc, pt carb, fis-subfissile.

855-860 SH 100% lt gn, blk, med hd, mics, sl calc, fis-subfissile. LS
MINOR aa.

860-865 SH 60% lt gn, blk, med hd, mics, sl calc, fis-subfissile. LS
40% bf, grey, mudst, dns, mict-mnr vfg, tt, 0-3% rthy por, no visible
shows. vf samples.

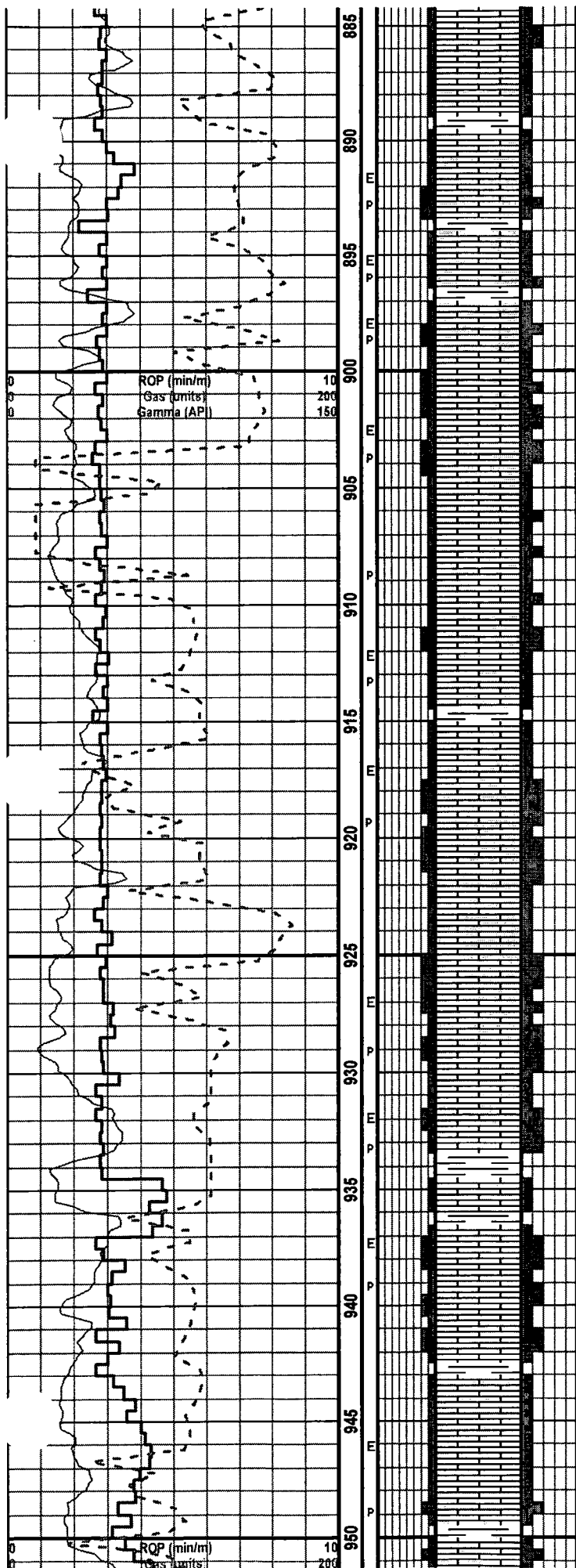
865-870 SH 90% lt gn, blk, med hd, mics, sl calc, fis-subfissile. LS
10% aa.

870-875 SH 70% lt gn, blk, med hd, mics, sl calc, fis-subfissile. LS
30% bf, grey, mudst, dns, mict-mnr vfg, tt, 0-3% rthy por, no visible
shows.

875-880 LS 70% bf, lt brn, mudst, dns, mict-mnr vfg, est 0-3% rthy
por, no visible shows. SH 30% lt gn, blk, med hd, mics, sl calc, pt
carb, fis-subfissile.

TOP TWIN FALLS MD 881m (-68.4m SS)

880-885 LS 80% bf, lt brn, mudst, dns, mict-mnr vfg, est 3-6% rthy
por, no visible shows. SH 20% lt gn, blk, med hd, mics, sl calc, pt



card, ns-subfissile.

885-890 LS 90% bf, lt brn, mudst, dns, mict-mnr vfg, est 3-6% rthy por, no visible shows. SH 10% grey gn, blk, med hd, mics, sl calc, fis-subfissile.

890-900 LS 95% bf, lt brn, grey, mudst, dns, mict-mnr vfg, est 3-6% rthy por, no visible shows. SH 05% grey gn, blk, med hd, mics, sl calc, fis-subfissile.

900-905 LS 90% bf, lt brn, mict-mnr vfg, dns, est 3-5% intgr por, no visible shows.
SH 10% dk grey, greenish grey, mics, med hd, fis-subfissile.

905-910 LS 95% bf, lt brn, mict-mnr vfg, dns, est 3-5% pin point & rthy por, no visible shows.
SH 05% dk grey, greenish grey, blk, mics, med hd, fis-subfissile.

910-915 LS 100% bf, lt brn, mict-mnr vfg, dns, est 3-5% pp & rthy por, no visible shows.
SH MINOR dk aa.

915-920 LS 100% bf, lt brn, mict-vfg, dns, est 3-5% pp & rthy por, no visible shows.
SH MINOR dk aa.

920-925 LS 100% bf, lt brn, grey, mict-pt vfg, dns, est 3-5% pp & rthy por, no visible shows.

925-930 LS 70% bf, lt brn, mict-mnr vfg, dns, est 3-5% pp & rthy por, no visible shows.
SH 30% greenish grey, dk grey, mics, med hd, fis-subfissile.

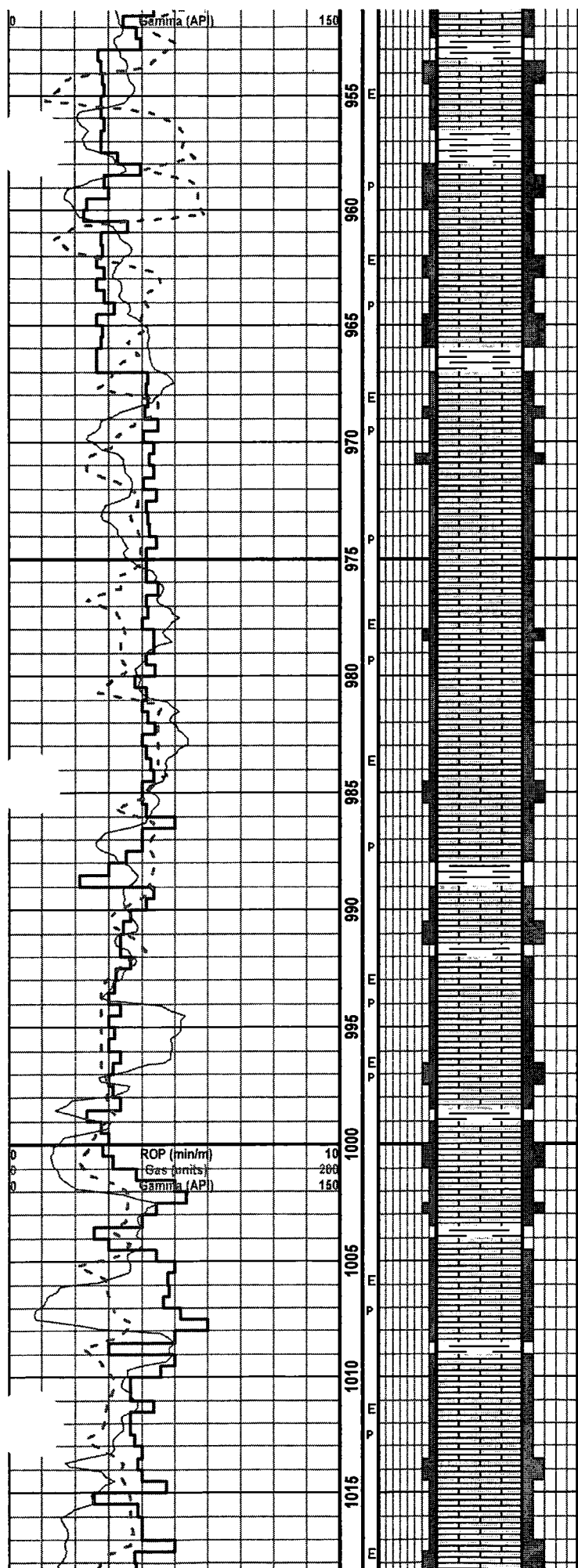
930-935 LS 60% bf, lt brn, mict-mnr vfg, dns, est 3-6% pp & rthy por, no visible shows.
SH 40% greenish grey, dk grey, mics, med hd, fis-subfissile.

935-940 LS 90% bf, lt brn, mict-mnr vfg, dns, tr pyr, tr dolc, est 3-6% pp & rthy por, no visible shows.
SH 10% greenish grey, dk grey, mics, med hd, fis-subfissile.

940-945 LS 90% bf, lt brn, mict-vfg, dns, tr dolc, est 3-6% intgr por, no visible shows.
SH 10% greenish grey, dk grey, mics, med hd, fis-subfissile.

945-950 LS 80% bf, lt brn, mict-vfg, dns, trs dolc, est 3-6% pp & rthy por, no visible shows.
SH 20% greenish grey, dk grey, mics, med hd, fis-subfissile.

950-955 LS 90% bf, lt brn, mict-vfg, dns, trs dolc, est 3-6% pp & rthy



I por. no visible shows.

SH 10% greenish grey, dk grey, mics, med hd, fis-subfissile.

955-960 LS 70% bf, lt brn, mict-vfg, dns, tr pyr nodule, est 3-6% pp
& rthy por, no visible shows.

SH 30% greenish grey, dk grey, mics, med hd, fis-subfissile.

960-965 LS 60% bf, lt brn, mict-vfg, dns, tr pyr, est 3-6% pp & rthy
por, no visible shows.

SH 40% greenish grey, dk grey, mics, med hd, fis-subfissile.

965-970 SH 70% greenish grey, dk grey, blk, mics, med hd, fis-subfissile. LS 30% bf, lt brn, mict-vfg, vf cuttings, dns, est 3-6% pp & rthy por, no visible shows.

970-975 SH 80% greenish grey, dk grey, blk, mics, med hd, fis-subfissile. LS 20% bf, lt brn, mict-mnr vfg, dns, vf cuttings, est 3-6% pp & rthy por, no visible shows.

975-980 SH 70% greenish grey, dk grey, blk, mics, med hd, fis-subfissile. LS 30% bf, lt brn, mict-mnr vfg, dns, tr pyr & free xls, est 3-6% pp & rthy por, no visible shows.

980-985 SH 80% greenish grey, dk grey, blk, mics, med hd, fis-subfissile. LS 20% bf, lt brn, mict-tr vfg, dns, est 3-6% pp & rthy por, no visible shows.

985-990 LS 90% bf, lt brn, mict-mnr vfg, dns, tr dissim pyr, est 3-6%
pp & rthy por, no visible shows.
SH 10% greenish grey, dk grey, blk, mics, med hd, fis-subfissile.

SH 10% greenish grey, dk grey, blk, mics, med hd, fis-subfissile.

990-995 LS 80% bf, lt brn, mict-tr vfg, dns, est 3-6% pp & rthy por,
no visible shows.
SH 20% greenish grey, dk grey, blk, mics, med hd, fis-subfissile.

SH 20% greenish grey, dk grey, blk, mics, med hd, fis-subfissile.

995-1000 LS 80% bf, lt brn, mict-tr vfg, dns, est 3-6% intgr por, no visible shows.

SH 20% greenish grey, dk grey, blk, mics, med hd, fis-subfissile.

1000-1005 LS 80% bf, lt brn, mict-tr vfg, dns, tr pyr nodule, est
3-6% pp & rthy por, no visible shows.

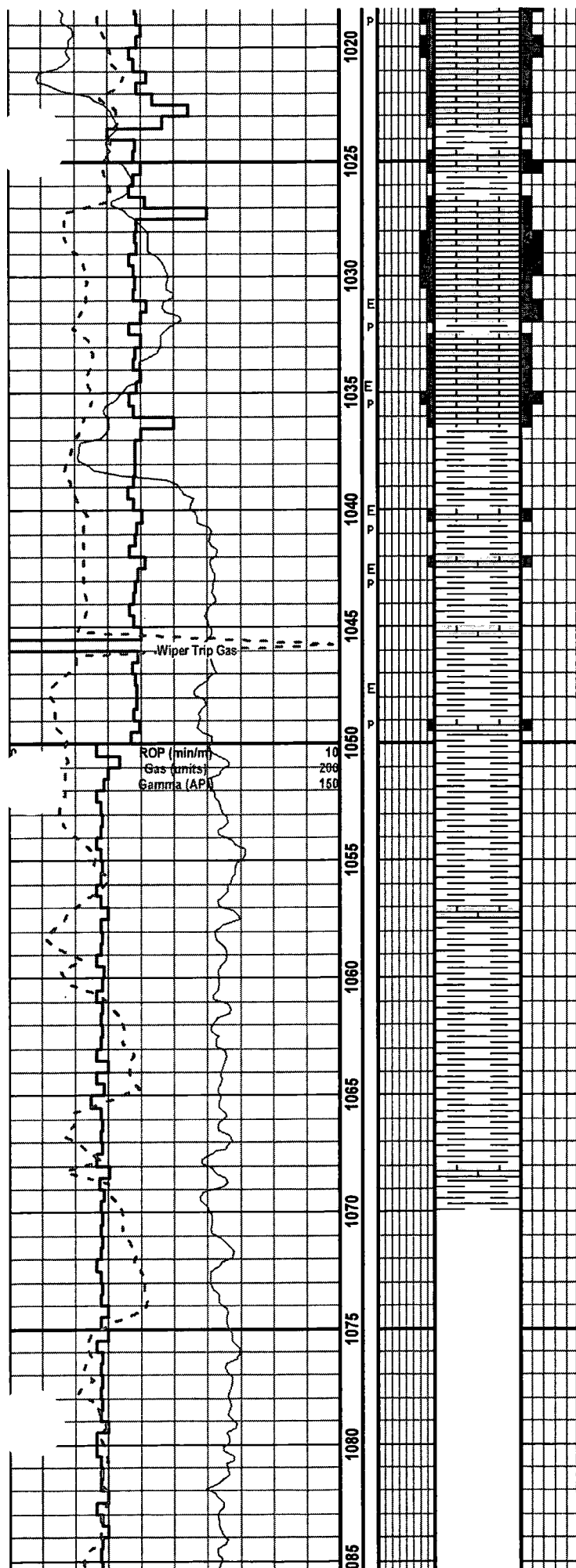
SH 20% greenish grey, dk grey, blk, mics, med hd, fis-subfissile.

1005-1015 LS 90% bf, lt brn, mict-tr vfg, dns, est 3-6% pp & rthy
por. no visible shows.

SH 10% greenish grey, dk grey, blk, mics, med hd, fis-subfissile.

1015-1020 LS 95% bf, lt brn, mict-tr vfg, dns, est 3-6% pp & rthy
por, no visible shows.

SH 05% greenish grey, dk grey, blk, mics, med hd, fis-subfissile.



1020-1025 LS 100% bf, lt brn, mict-tr vfg, dns, tr pyr nod, est 3-6% intgr por, no visible shows.

1025-1030 LS 100% bf, lt brn, mict-tr vfg, dns, tr pyr nod, est 3-6% pp & rthy por, no visible shows.

1030-1035 LS 60% bf, lt brn, mict-tr vfg, dns, est 3-6% pp & rthy por, no visible shows.
SH 40% grey, mntr greenish grey, mics, med hd, calc & slty, tr pyretic, fis-blky.

TOP HAY RIVER 1036.5m (SS -223.9m)

1035-1040 LS 70% bf, lt brn, mict-tr vfg, dns, tr pyr, est 3-6% pp & rthy por, no visible shows.
SH 30% grey, mntr greenish grey, mics, med hd, calc & slty, tr pyretic, fis-blky.

1040-1045 LS 60% bf, lt brn, mict-tr vfg, dns, est 3-6% pp & rthy, rr intgr por, no visible shows.
SH 40% grey, mntr greenish grey, mics, med hd-hd, calc & slty, fis-blky.

1045-1050 LS 60% bf, lt brn, mict-tr vfg, dns, tr pyr, est 3-6% pp & rthy por, no visible shows.
SH 40% grey, mntr greenish grey, mics, med hd, calc & slty, fis-blky.

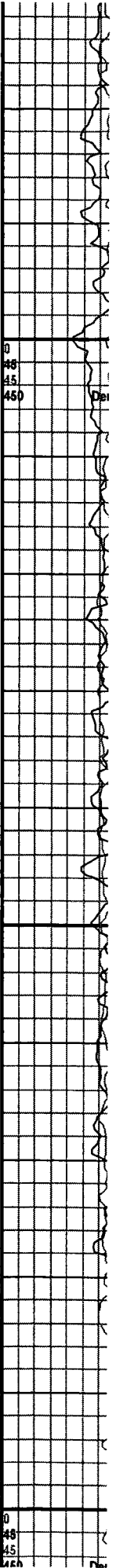
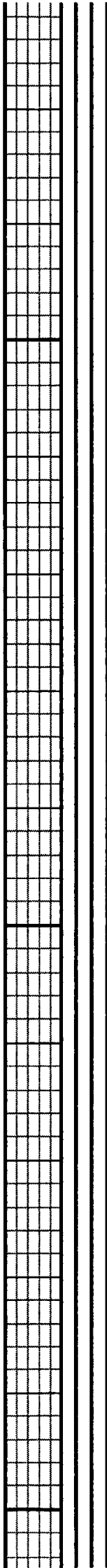
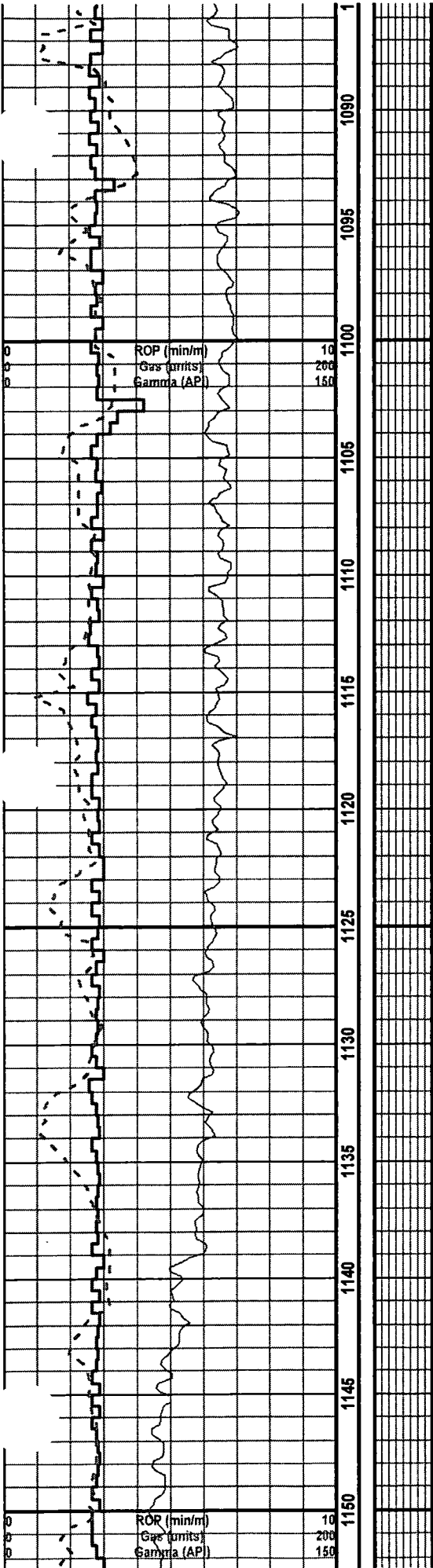
1050-1055 SH 90% greenish grey, grey, blk, mics, med hd, calc & slty, tr pyretic, fis-blky.
LS 10% bf, lt brn, mict-tr vfg, dns, par arg, est 3-5% pp & rthy por, no visible shows.

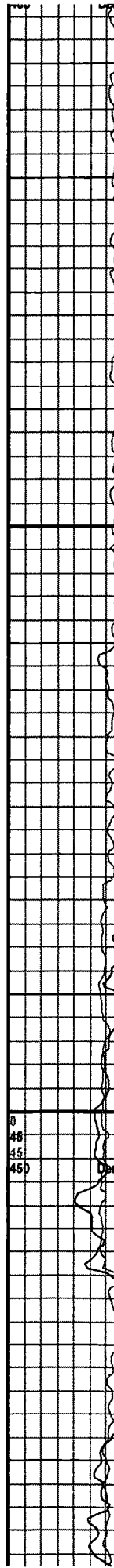
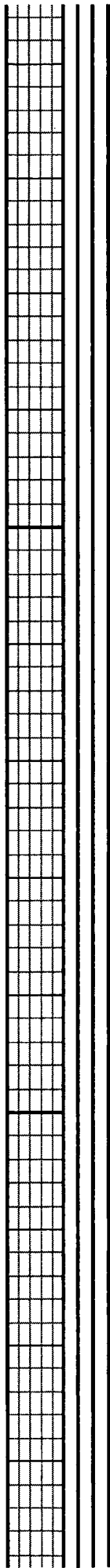
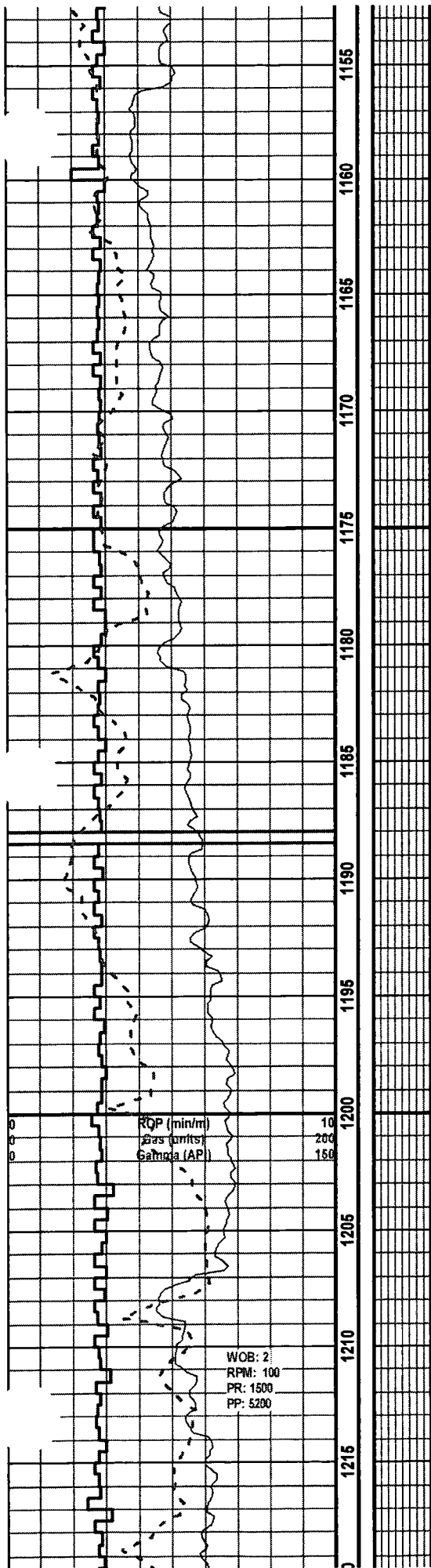
1055-1060 SH 95% greenish grey, grey, blk, mics, med hd, calc, fis-blky. LS 05% aa.

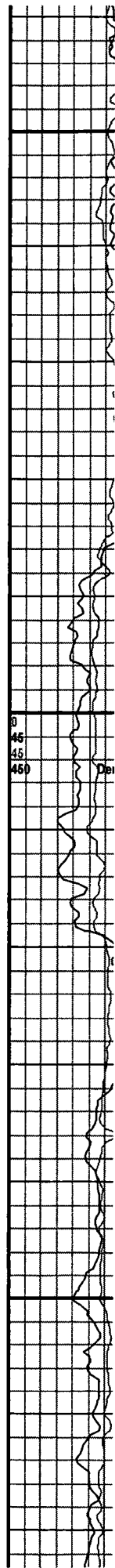
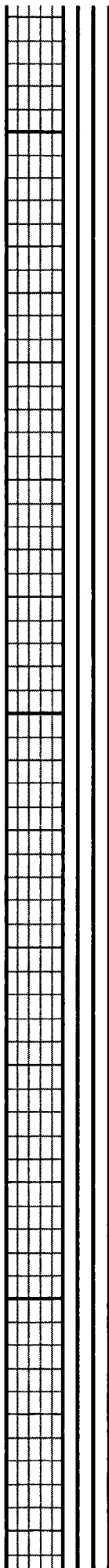
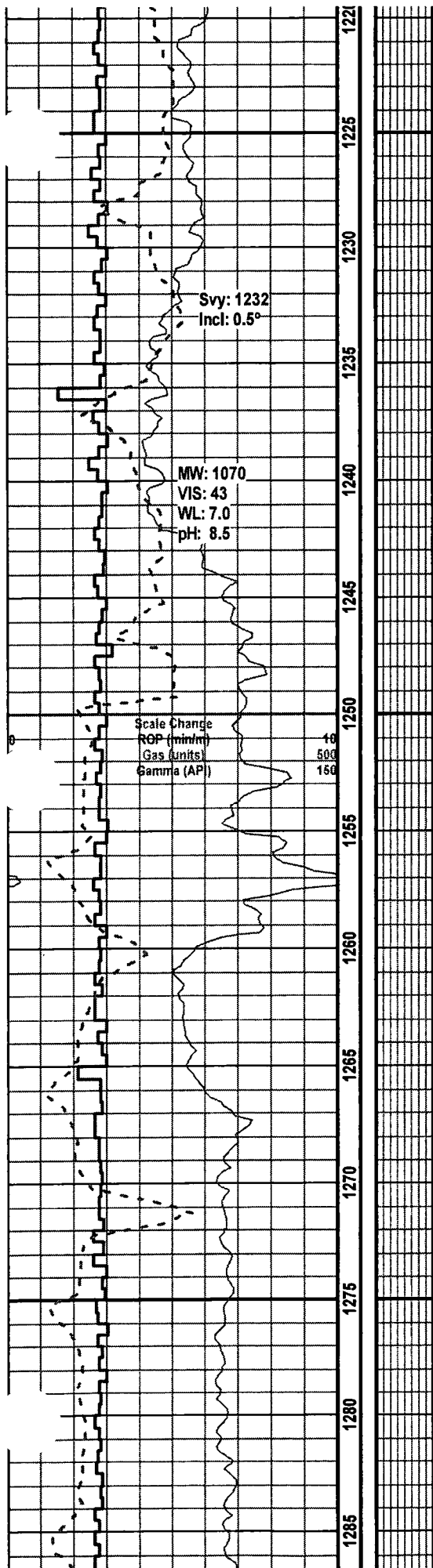
1060-1065 SH 90% greenish grey, grey, blk, mics, med hd, calc, tr pyr, fis-blky. LS 10% bf, lt brn, mict-tr vfg, dns, pt arg, est 3-5% pp & rthy por, no visible shows.

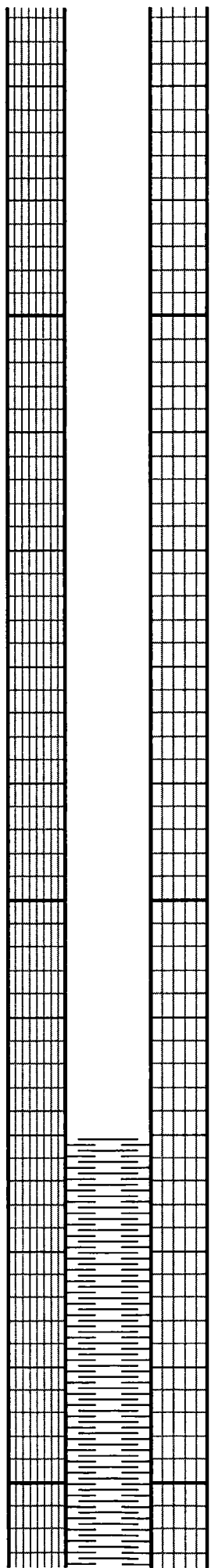
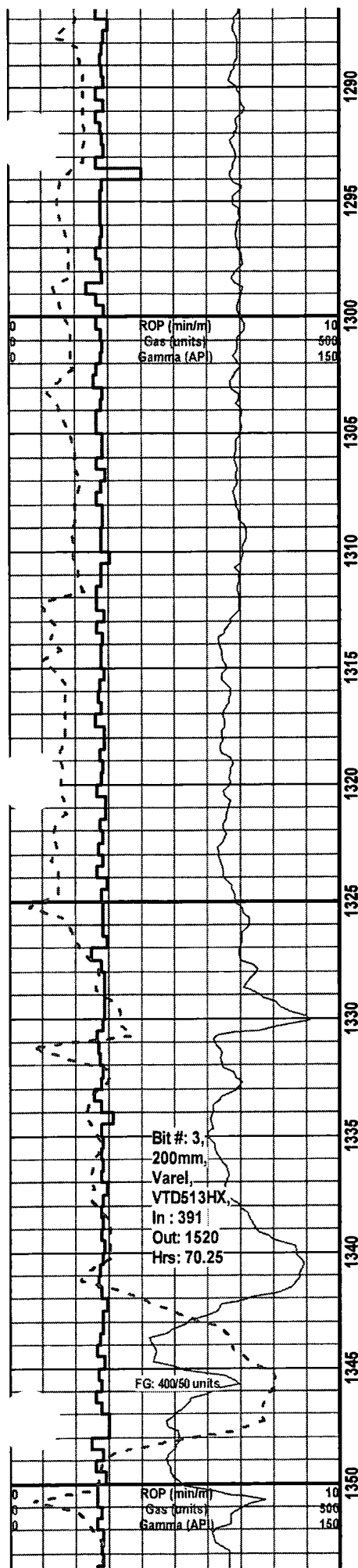
1065-1070 SH 85% greenish grey, grey, blk, mics, med hd, calc, tr pyr, fis-blky. LS 15% bf, lt brn, mict-tr vfg, dns, pt arg, est 3-5% pp & rthy por, no visible shows.

NO SAMPLES WERE COLLECTED FROM 1070m-1340m DEPTH







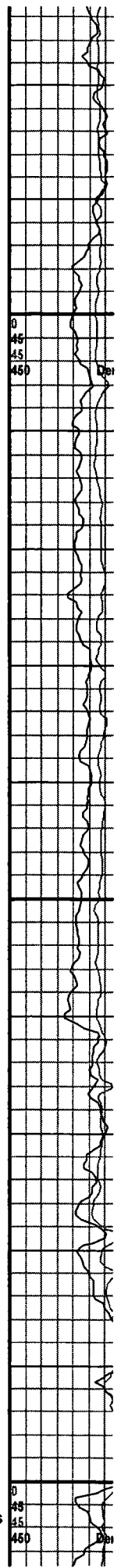


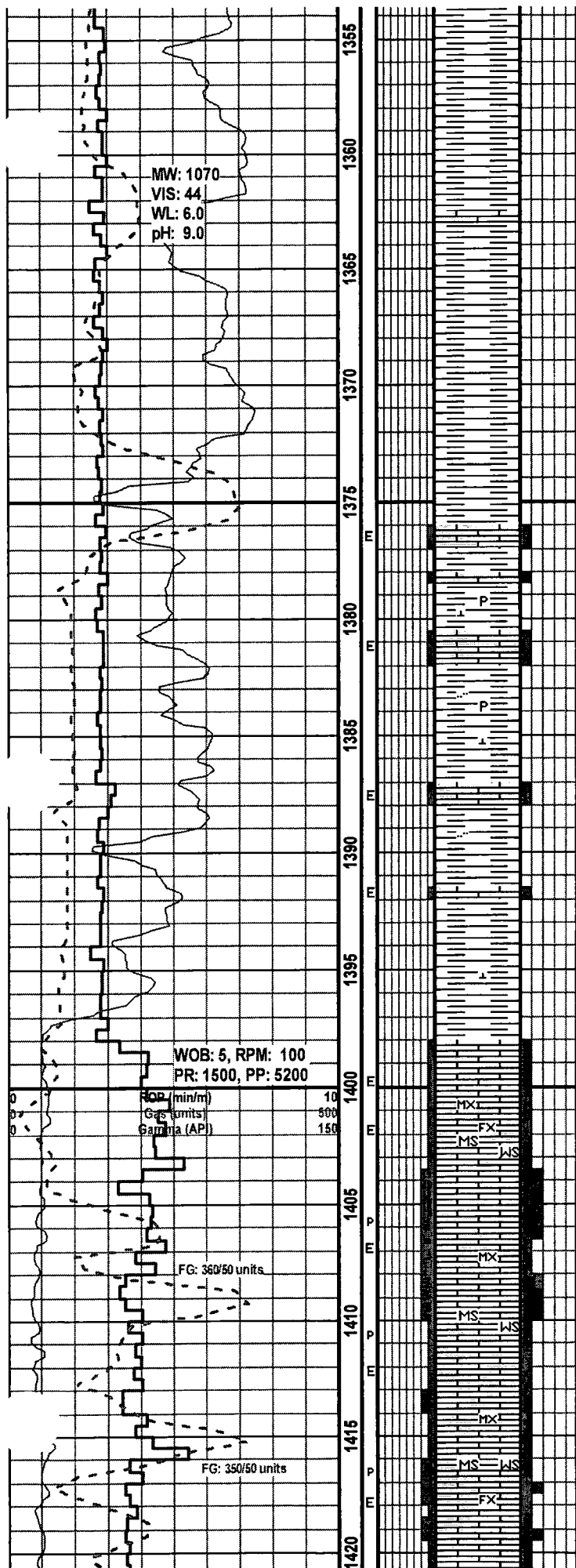
1335-1340 SH 100% grey gn, blk brn, rough-wxy, med hd-hd, mics, calc, tr pyr, fis-subfissile, pt blk. Trace ls.

1340-1345 SH 100% dk brn, mngr grey gn, rough-wxy, med hd-hd, mics, gn grey sl slty, calc, tr ls, fis-subfissile, dk brn gives cut.

1345-1350 SH 100% greenish grey, dk brn, rough-wxy, med hd-hd, mics, greenish grey sl slty, calc, fis-subfissile, dk brn gives cut.

1350-1355 SH 100% greenish grey, pt dk brn, rough-wxy, med hd-hd, mics, pt sl slty, calc, tr pyr nodule, fis-subfissile, dk brn gives cut.





1355-1360 SH 100% greenish grey, mnr dk brn, rough-wxy, med hd-hd, mics, pt sl slty, calc, fis-subfissile, pt splt, dk brn gives cut.

1360-1365 SH 90% greenish grey, mnr blk brn, rough-wxy, med hd-hd, mics, pt slty, calc, tr pyretic, pt v calc grdgr-mrlst, fis-blky. TRACE LS grey, mudst, mict-v finr gr, arg, tt, 0-3% rthy por, n/s.

1365-1370 SH 100% greenish grey, mnr blk brn, rough-wxy, med hd-hd, mics, pt slty, calc, mnr pyretic, tr pyr nod, fis-subfissile. TRACE LS grey, mudst, mict-v finr gr, arg, tt, 0-3% rthy por, n/s.

1370-1375 SH 100% dk brn, mnr grey, rough, med hd-hd, mics, calc, tr pyretic, trace pyr nod, fis-subfissile. Trace ls.

TOP BEAVERHILL LAKE 1376m (SS -563.4m)

1375-1380 SH 100% greenish grey, mnr blk brn, rough-wxy, med hd-hd, mics, pt slty, calc, trs pyretic, tr pyr nod, fis-blky. LS TRACE lt grey, mudst, mict, dns, arg, tt, 0-3% rthy por, n/s.

1380-1385 SH 90% greenish grey, mnr blk brn, rough-wxy, med hd-hd, mics, pt slty, calc, trs pyretic, tr pyr nod, fis-blky. LS 10% lt grey, mudst, mict, dns, arg, tt, 0-3% rthy por, n/s.

1385-1390 SH 90% greenish grey, mnr blk brn, rough-wxy, med hd-hd, mics, sl slty, calc, trs pyretic, tr pyr nod, fis-blky. LS 10% lt grey, mudst, mict, dns, arg, tt, 0-3% rthy por, n/s.

1390-1395 SH 95% greenish grey, mnr blk brn, rough-wxy, med hd-hd, mics, sl slty, calc, trs pyretic, tr pyr nod, fis-blky. LS MINOR-5% lt grey, mudst, mict, dns, arg, pyretic, tt, 0-3% rthy por, n/s.

TOP SLAVE POINT 1398m (SS -585.4m)

1395-1400 LS 100% brn, mudst, mict, dns, pyretic, tt, 0-3% rthy por, no visible-v p slow cut. SH MINOR gn lt, wxy, med hd-hd, mics, calc, trs pyretic, fis-blky.

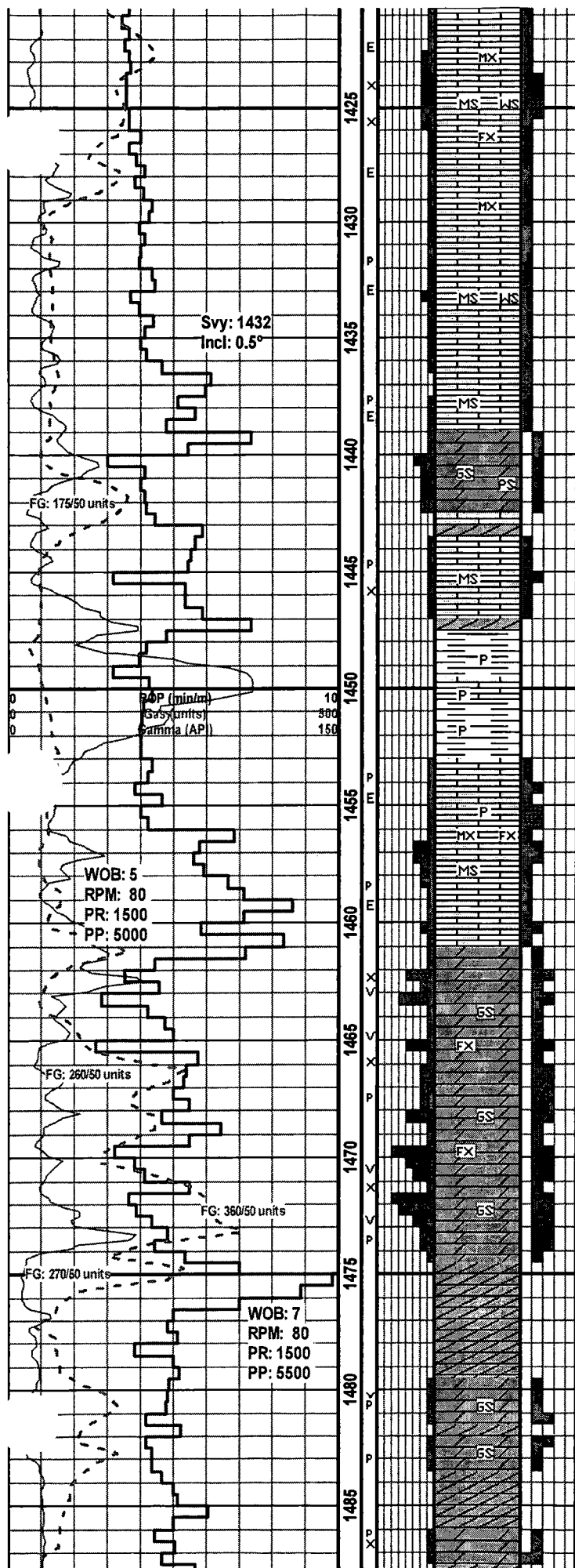
1400-1405 LS 100% brn, bf, mudst, lmpy, dns, mict-tracer vfg, tt, 3% rthy por, mky yel slow stmg cut, gives petriferous odour.

1405-1410 LS 100% brn, bf, mudst-wakestone, mict-vfg, occ xls along frac, est 3-6% pin point & rthy por, mky yel slow stmg cut, gives petriferous odour.

1410-1415 LS 100% brn, bf, mudst-wakestone, mict-vfg, tr free xls, some bit partings, est 3-6% pin point & rthy por, mky yel slow stmg cut, gives petriferous odour.

1415-1420 LS 100% brn, bf, mudst-wakestone, lmpy, dns, mict-vfg, est 6% pin point & rthy por, mky yel g stmg cut, gives petriferous odour.

1420-1425 LS 100% brn, bf, mudst-wakestone, lmpy, dns



1420-1425 LS 100% bn, grey, mudst-wakestone, lmpy, dns, mict-vfg, tr free xls, trs bits sh, est 6% pin point & rthy por, mky yel g stng cut, gives petriferous odour.

1425-1430 LS 100% bn, grey, mudst-wakestone, lmpy, dns, mict-vfg, est 3-6% pin point & intgr por, mky yel g stng cut, gives petriferous odour.

1430-1435 LS 100% bn, grey, mudst, lmpy, dns, mict-trs vfg, est 0-3 % pin point & rthy por, mky yel g stng cut.

TOP F-4 1439.5m (SS -626.9m)

1435-1440 LS 100% bn, grey, mudst, lmpy, dns, mict-trs vfg, trs Dol & Anhy, est 0-3 % pin point & rthy por, no visible-p slow cut.

1440-1445 LS 100% aa, DOL TRACE bn, wakestone-gmst, microxln-vf xl, calc, est 3-6% pin point & intxl por, mky yel fr slow cut. ANHY MINOR bf, tan, dns, hd.

TOP WATT MOUNTAIN 1447.5m (-634.9m)

1445-1450 LS 100% bn, grey, mudst, dns, mict-trs vfg, est 0-3 % pin point & rthy por, no visible-p slow cut. SH MINOR gn, calc, pyretic, hd, subfissile-blky, med hd-hd, Minor Dol & Anhy aa.

TOP SULPHUR POINT LS 1453m (-640.4m)

1450-1455 LS 95% bn, grey, mudst, dns, mict-trs vfg, pyretic, est 0-3 % pin point & rthy por, no visible-p slow cut, gives petf odour. SH 5% gn, wxy-siky, med hd-hd, mics, calc, pyretic, subfissile-blky.

1455-1460 LS 100% bn, grey, mudst, dns, mict, tr vfg, pyretic, est 0-3 % pin point & rthy por, yel wh fr stng cut, gives petf odour.

TOP SULPHUR PT DOL 1461m (SS -648.4m)

1460-1462.5 LS 100% bn, grey, mudst, dns, mict, tr vfg, pyretic, est 0-3 % pin point & rthy por, yel wh fr stng cut, gives petf odour. Trace Dol.

1462.5-1465 LS 80% aa. DOL 20% bn, gmst, vf-mnr f xl, sl calc, est 6-9% intxl, p point & vuggy por, scat bri yel flor, yel wh g stng cut, gives petf odour.

1465-1467.5 DOL 40% bn, gmst, vf-f xl, some free xls, est 6% vuggy & intxl por, scat yel flor, yel wh g stng cut. LS 60% aa.

1467.5-1470 DOL 100% bn, gmst, vf-f xl, xls, trs bit partings, est 6-9% intxl & vuggy por, bri yel flor, yel wh g stng cut.

1470-1472.5 DOL 100% bn, gmst, vf-f xl, trs free xls, est 6% intxl, pin point & tr vuggy por, scat bri yel flor, yel wh g fast stng cut.

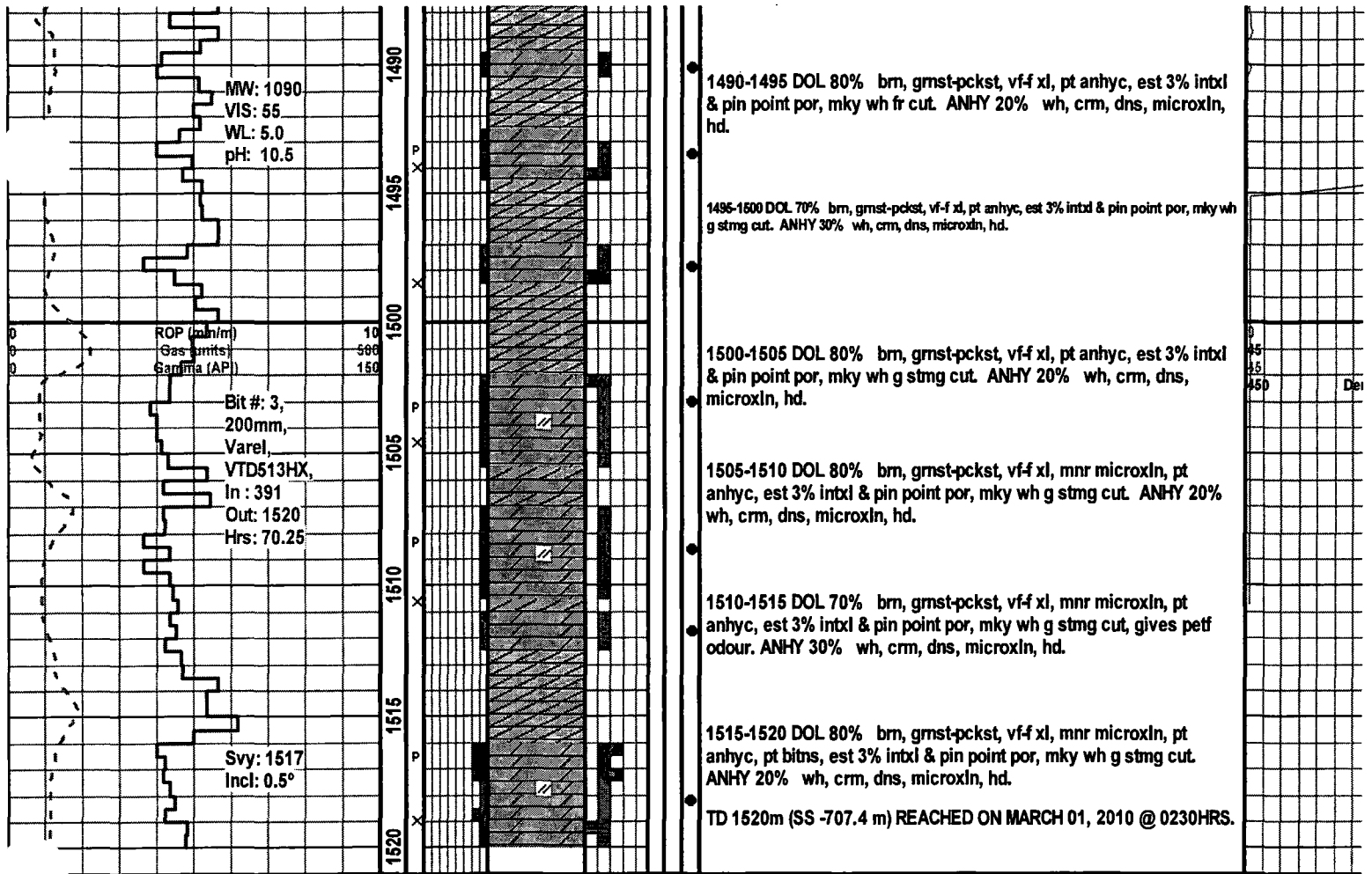
1472.5-1475 DOL 100% bn, gmst, vf-f xl, est 6-9% intxl, pin point & tr vuggy por, scat bri yel flor, yel wh g fast stng cut.

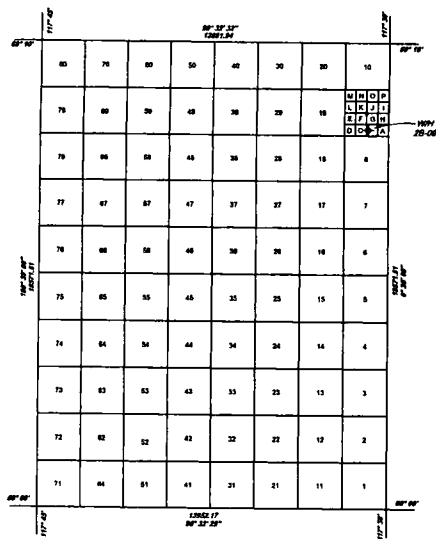
TOP MUSKEG 1474.5m (SS -661.9m)

1475-1480 DOL 100% bn, gmst, vf-f xl, est 3% intxl & pin point por, milky wh g stng cut, gives petf odour. MINOR-5% ANHY crm, wh, off wh, dns, crptxl, hd.

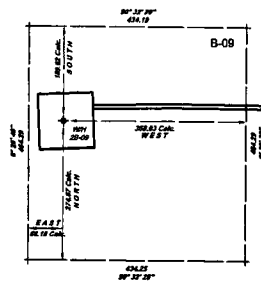
1480-1485 DOL 90% bn, gmst, vf-f xl, est 3% intxl & pin point por, mky wh g stng cut, gives petf odour. ANHY 10% wh, crm, dns, microxln, hd.

1485-1490 DOL 95% bn, gmst-pckst, vf-f xl, est 3% intxl & pin point por, mky wh g stng cut, gives petf odour. ANHY 5% wh, crm, dns, microxln, hd.



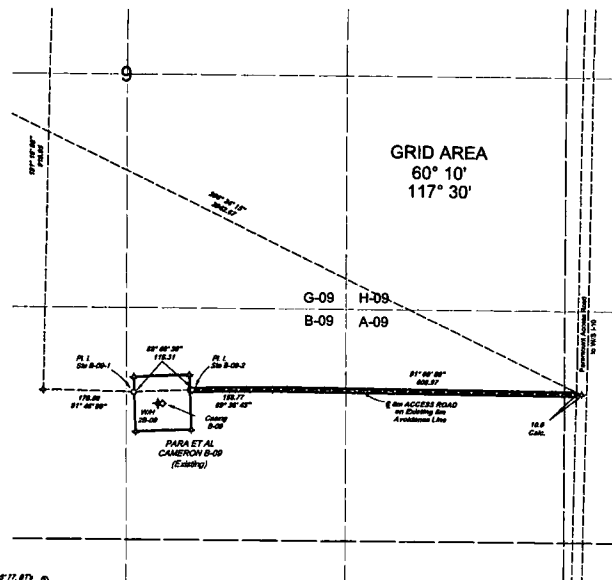


GRID AREA 60° 10' 117° 30'
SCALE 1:100,000

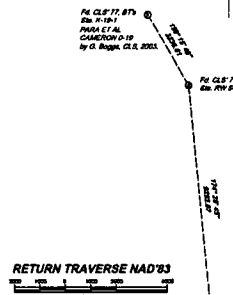


UNIT B-09 NAD'27
SCALE 1:20,000

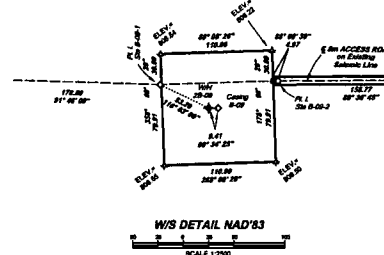
GEOGRAPHIC AND UTM COORDINATES - NAD '27				
STATION	LATITUDE (N)	LONGITUDE (W)	NORTHING	EASTING
GRID AREA 60° 10' 117° 30'				
N.E.	60° 10' 00.000"	117° 30' 00.000"	4898871.860	472290.830
N.W.	60° 10' 00.000"	117° 45' 00.000"	4870002.854	458378.311
S.W.	60° 00' 00.000"	117° 45' 00.000"	4861441.754	458165.708
S.E.	60° 00' 00.000"	117° 30' 00.000"	4861210.016	472110.332
UNIT B-09				
N.E.	60° 08' 15.027"	117° 30' 28.134"	4869827.40	471792.12
N.W.	60° 08' 15.051"	117° 30' 58.349"	4869831.50	471558.17
S.W.	60° 08' 05.051"	117° 30' 58.349"	48698187.48	471354.55
S.E.	60° 08' 05.057"	117° 30' 28.134"	48698143.38	471798.56
STA K-19-1				
	60° 08' 30.854"	117° 30' 44.357"	4867408.02	488808.38
CASINO B-09				
	60° 08' 08.320"	117° 30' 51.357"	4866441.28	471432.34
WELL HEAD 20-09				
	60° 08' 08.321"	117° 30' 51.362"	4866441.25	471432.84



W/S DETAIL NAD'83
SCALE 1:20,000

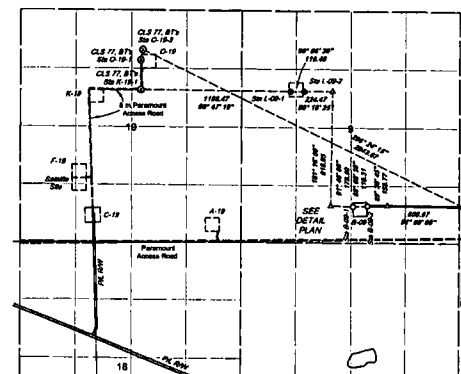


RETURN TRAVERSE NAD'83
SCALE 1:100,000



W/S DETAIL NAD'83
SCALE 1:20,000

AREAS WITHIN:
WELL SITE = 1.210 ha
ACCESS ROAD = 0.610 ha
TOTAL = 1.820 ha



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

Plan and Field Notes
of (As Built) Survey of
**PRODUCTION WELL
PARA ET AL CAMERON 2B-09**
within UNIT B, SECTION 09
GRID AREA 60° 10', 117° 30'
NORTHWEST TERRITORIES
CANADA OIL AND GAS REGULATIONS
PRODUCTION LICENCE NO. PL#019

THIS SURVEY WAS EXECUTED BETWEEN THE
DATES OF OCTOBER 2000, 2001 TO MARCH 2001, 2002
BY GREG BOGGS, CLS
CERTIFIED CORRECT AND COMPLETED MAY 27, 2004.

Greg Boggs
GREG BOGGS DATE
CANADA LANDS SURVEYOR



Surveyed for
PARAMOUNT RESOURCES LTD.

LEGEND
Monument Bound (Border Monuments) shown that
CLS '77 Posts shown that
Alberta Statutory Iron Post shown that
Non Statutory placed shown that
Calculated Position shown that
Production Well Position shown that
Distances are in metres and decimals thereof.
Portions referred to (H&M Site and Access Road) bounded that
UTM coordinates are computed for Zone 11, Central Meridian 111° W.
Bearings are UTM and were derived from differentially corrected GPS Observations,
and are referred to Meridian 111° W.
Monument distances shown are ground distances, reduced by Combined Scale Factor of 0.99994
Distances on grid plane subdivisions are UTM plane (NAD'83).
Elevations shown are orthometric elevations, based on elevation of Sta. K-19-1
and that derived from published elevation of Border Monument # 253
All dimensions shown on body of plan are based on NAD 83 (Original) datum.
Refer to Field Book for the survey report pertaining to this project.

GEOGRAPHIC AND UTM COORDINATES - NAD '83					
STATION	LATITUDE (N)	LONGITUDE (W)	NORTHING	EASTING	ELEVATION
K-19-1	60° 08' 40.030"	117° 32' 48.436"	4867634.42	488819.88	789.35
C-19-1	60° 08' 47.887"	117° 32' 49.471"	4867556.83	488820.72	782.77
C-19-2	60° 08' 50.290"	117° 32' 48.810"	4867465.85	488836.14	794.82
B-09-1	60° 08' 15.027"	117° 31' 00.172"	4869833.12	471287.84	808.81
B-09-2	60° 08' 18.180"	117° 30' 52.644"	4869908.90	471413.72	808.89
CASINO B-09	60° 08' 08.320"	117° 30' 50.480"	4869858.88	471284.80	808.81 (GRID)
WELL HEAD 20-09	60° 08' 08.324"	117° 30' 51.350"	4869858.75	471243.40	808.81 CIP

WELL SITE COORDINATES SHOWN ARE BASED ON FLS CLS'77 POST
STA. K-19-1, NAD '83. CLS, BY GREG BOGGS, CLS
FIELD FOR VERTICAL AND HORIZONTAL CONTROL.
(SEE RETURN TRAVERSE FOR COORDINATES).
FINAL COORDINATES WERE CALCULATED IN NAD'83 AND CONVERTED TO
NAD'83 USING NATIONAL TRANSFORMATION VERSION 2 PROGRAM

SCALE= 1:5000
DATE: JUNE 02,2010

**UNIVERSAL
SURVEYING LTD.**
3111-51 St. N. Edmonton, Alberta T6A 4A3

UNIVERSAL
JOB NO. 09-1804
UNIVERSAL
PLAN NO. 091804W02
REV# A



CANCOR RATHOLE INC.

Box 6646, Fort St. John, BC V1J 4J1
Ph (250) 787-5555 Fax (250) 787-0553

PARAMOUNT

DATE: FEB 19/2010 JOB NO: 10-
RIG NO: PL#436 PO NO: _____
L.S.D.: 2-B-09
OPERATORS: #506 #614

AFE STAMP

PARAMOUNT RESOURCES LTD.

WELL: 2B-09/60-10-117-30

CODE: _____

AFE: 09d010007

FOREMAN: BERNIE GELETA

ATTENTION: RUDY KAPITANIUK

QUANTITY	PARTICULARS	UNIT PRICE	AMOUNT
<u>24.4M</u>	CONDUCTOR HOLE	<u>75" /M</u>	<u>1830"</u>
<u>10.2M</u>	RATHOLE	<u>75" /M</u>	<u>765"</u>
<u>6.2M</u>	MOUSEHOLE	<u>75" /M</u>	<u>465"</u>
<u>1Mx2M</u>	CELLAR HOLE	<u>400" /M</u>	<u>400"</u>
<u>1.4x2M</u>	CELLAR CRIB	<u>450" /M</u>	<u>450"</u>
<u>25.2M</u>	CONDUCTOR PIPE <u>16" DIA</u>	<u>175" /M</u>	<u>4410"</u>
<u>9M</u>	LINER <u>24" DIA PIPE FOR CONDUCTOR HOLE</u>	<u>320" /M</u>	<u>2880"</u>
	CELLAR DRAIN	/M	
<u>120 BAGS</u>	CEMENT	<u>28" P/B</u>	<u>3360"</u>
	CALCIUM		
<u>9 HRS</u>	RIG TIME <u>15 HRS TOTAL TIME</u>	<u>400" P/HR.</u>	<u>3600"</u>
<u>10</u>	ROCK TEETH <u>USED BOULDERS</u>	<u>105" EA.</u>	<u>1050"</u>
	DIRT TEETH	EA.	
	POINTS	EA.	
<u>2 NIGHTS</u>	SUBSISTENCE <u>2 MEN IN HILEVEL NIGHT OF FEB 20/2010</u>	<u>195" /MAN.</u>	<u>390"</u>
<u>1 SET</u>	HOLE COVERS	<u>75" SET</u>	<u>75"</u>
	TRAVEL: DRILL TRUCK <u>22</u> HR.(S)	<u>215" /HR</u>	<u>4730"</u>
	CHASE TRUCK <u>22</u> HR.(S)	<u>200" /HR.</u>	<u>4400"</u>
<u>SOILS</u>	<u>0-3' ICE</u>		
<u>REPORT'S</u>	<u>3-6' FROZEN MUSHG</u>		
	<u>6-18' MUSHG</u>		
	<u>18-24' SOFT CLAY</u>		
	<u>24-80' GOOD CLAY / BOULDERS</u>		
	SUBTOTAL		<u>\$ 28,805"</u>
	TOTAL		

L. FAVIN.

FOREMAN

SIGN

[Signature]

APPROVED

14234

PLEASE PRINT



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 436 PRECISION DRILLING, DIV OF PDC

Report For: 2/19/2010

Report #: 1.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 52,768

Cum Cost to Date: 52,768

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: -1.52 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
Weather Mostly clear	Temperature (°C) 0	Lease Condition	
Operation at 6am			
Rigging out on B-09			
Operations Summary			
Rigging out on B-09, installed top abandonment plug on B-09 waiting on ADW and ratholders.			
Operations Next Report Period			
Skid pd 346 to 2B-09			

Remarks

Surface casing parted when inattentive driller pulled on it too much while attempting to remove casing slips. Rig Release from B 09 was 12:00 19 Feb. This well begins @ 12:00

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS

Title Drilling Foreman	Job Contact HALE YARDLEY	Phone Mobile 403-451-7082
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408

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	12:00	4.00	12.00		
12:00	14:00	2.00	14.00	Tear down	TEAR DOWN RIG, WAIT ON TRUCKS TO MOVE OUT BACK END FOR RAT HOLERS
14:00	15:00	1.00	15.00	Move rig	MOVE OUT BACK END FOR RAT HOLERS
15:00	20:00	5.00	20.00	Other	WAIT ON RAT HOLERS
20:00	23:30	3.50	23.50	Other	WAIT ON RAT HOLERS
23:30	23:45	0.25	23.75	Pre-job safety	PRE-JOB SAFETY WITH HOTROD WELDING
23:45	00:00	0.25	24.00	Other	CUT CONDUCTOR AND CASING TO CAP CAMERON B-09

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 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Volumetric Efficiency (%)		
Pump Number 2	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Volumetric Efficiency (%)		



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 436 PRECISION DRILLING, DIV OF PDC

Report For: 2/19/2010

Report #: 1.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 52,768

Cum Cost to Date: 52,768

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: -1.52 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

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
2/20/2010	Safety Meeting	ACCOUNTABILITY

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	583.00	582.98
Fort Simpson	757.00	757.00
Beaverhill Lake Fm		



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 436 PRECISION DRILLING, DIV OF PDC

Report For: 2/20/2010

Report #: 2.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 84,449

Cum Cost to Date: 137,217

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: -0.52 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
Weather Mostly Clear	Temperature (°C) -17	Lease Condition Frozen / Ice	
Operation at 6am Rigging to spud			
Operations Summary Rat holers began at 00:01 and by 11:00 started the mouse holl. Derrick was lowered at 11:00 and rig tore out to move. 13:15 the ratholers were finished. By 16:30 the sub was spotted on the new location 9 m W of the former one. by 19:30 the 2 bed trucks of Mullens were released. Rig to spud to midnight			
Operations Next Report Period Rig to and Spud			
Remarks No incidents to report; operation went smoothly			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Drilling Foreman	Job Contact HALE YARDLEY	Phone Mobile 403-451-7082
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	01:30	1.50	1.50	Other	FINISH CUTTING AND CAPPING B-09
01:30	08:00	6.50	8.00	Drill rathole	ASSIST WITH DRILLING RAT HOLE, MOUSE HOLE AND CONDUCTOR ON 2B-09
08:00	11:45	3.75	11.75	Tear down	FINISH TEARING DOWN RIG FOR MOVE, RAT HOLERS FINISHING WITH MOUSE AND RAT HOLE
11:45	12:00	0.25	12.00	Safety meeting	SAFETY MEETING WITH MULLEN TRUCKING
12:00	13:30	1.50	13.50	Move rig	MOVE RIG OFF OF MATTING, MOVE MATTING AND FILL IN HOLE CENTRE FOR B-09
13:30	18:30	5.00	18.50	Move rig	SPOT MATTING AND MOVE RIG ONTO 2B-09
18:30	20:00	1.50	20.00	Rig up	RIG UP
20:00	00:00	4.00	24.00	Rig up	FINISH RIGGING IN, GET STEAM AND WATER CIRCULATING, INSPECT DERRICK BEFORE RAISING DERRICK. GET DIVERTER READY TO BE WELDED ON TO CONDUCTOR

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)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
		Volumetric Efficiency (%)



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 436 PRECISION DRILLING, DIV OF PDC

Report For: 2/20/2010

Report #: 2.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 84,449

Cum Cost to Date: 137,217

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: -0.52 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
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MUD PUMPS

Pump Number 2		Rod Diameter (mm)		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 2/21/2010	Type Safety Meeting	Description DIVERTER
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SAFETY INCIDENTS

Date	Comment	Type
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WELL CONTROL SUMMARY

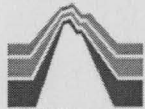
Run Date	Casing Description	OD (mm)	Set Depth (mKB)	Vol (m³)	P (LO) (kPa)
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SURVEY DATA

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	583.00	582.98
Fort Simpson	757.00	757.00
Beaverhill Lake Fm		



Paramount
resources Ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/21/2010

Report #: 3.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 37,547

Cum Cost to Date: 174,764

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 0.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
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Weather Mostly Clear	Temperature (°C) -16	Lease Condition Frozen / Ice
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Operation at 6am

Working on wash pipe @ 365 m

Operations Summary

Conducted accumulator check; pressure before 17 mPa, after opening HCR & closing diverter, 12 mPa, recharge time 2 minutes. Help pre-spud meeting, and diverter drill

Operations Next Report Period

Drill 311 mm surface 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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Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)
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DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Drilling Foreman	Job Contact HALE YARDLEY	Phone Mobile 403-451-7082
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	04:00	4.00	4.00	Nipple up/down diverter system	FINISH WELDING ON DIVERTER FLANGE AND NIPPLE UP DIVERTER TO FLARE TANK
04:00	08:00	4.00	8.00	Rig up	FINISH RIGGING IN TO SPUD 2B-09
08:00	10:45	2.75	10.75	Rig up	RIG UP TO SPUD, TRANSFER VOL TO MUD TANK & COND MUD, MAKE UP BHA, CONDUCT ACCUMULATOR FUNCTION TEST
10:45	11:15	0.50	11.25	Safety inspection	SAFETY INSPECTION
11:15	12:00	0.75	12.00	Safety meeting	PRE SPUD SAFETY MEETING
12:00	12:15	0.25	12.25	Drills/BOP, etc.	DRILLS/DIVERTER DRILL
12:15	12:30	0.25	12.50	Rig Service	RIG SERVICE
12:30	16:30	4.00	16.50	Drill	DRILL 28M - 78M
16:30	16:45	0.25	16.75	Deviation survey	DEVIATION SURVEY @ 60M @ 0.50 DEG
16:45	17:00	0.25	17.00	Rig Service	RIG SERVICE FUNCTION MOTORKILLS
17:00	20:00	3.00	20.00	Drill	DRILL 78M - 105M
20:00	20:15	0.25	20.25	Drills/BOP, etc.	DRILLS.DIVERTER
20:15	00:00	3.75	24.00	Circulate And Condition	CIRCULATE AND CONDITION MUD TO BRING UP YEILD POINT DUE TO GRAVEL STRINGER.WORK TIGHT HOLE

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 209	Mud Cum To Date 209		
Depth (mKB) 105.15	Density (kg/m³) 1030.0	Funnel Viscosity (s/L) 43	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
SAWDUST	6.53	24.0
SAWDUST	6.53	8.0



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/21/2010

Report #: 3.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 37,547

Cum Cost to Date: 174,764

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 0.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

MUD PUMPS			
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 80	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 90	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 80	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 90	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
2/22/2010	Safety Meeting	MIXING CHEMICALS

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)
2/21/2010	60.15	0.50	0.00	60.15	0.26	0.00	0.26	0.25

FORMATIONS			
Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)	
Wabamun Grp	583.00	582.98	
Fort Simpson	757.00	757.00	
Beaverhill Lake Fm			



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/22/2010

Report #: 4.0

Depth Progress: 136.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 54,532

Cum Cost to Date: 229,296

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 1.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB) 105.2	Depth End (mKB) 311.2	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
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Weather Mostly Clear	Temperature (°C) -18	Lease Condition Frozen / Ice
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Operation at 6am

Continuing to drill 311 mm surface hole

Operations Summary

Continued mixing gel to increase YP, and work to clear-up sloughing cobbles, and boulders. Drilled ahead to 197 m. Concerned that teledrift was functioning erratically, and ROP indicated bit had been dulled. Elected to trip bit and change teledrift and bit. Hole good on trip, 1 m fill. Drilled ahead in clays

Operations Next Report Period

Run and cement surface casing, head-up BOPs

Remarks

No accidents or incidents

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)
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DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Drilling Foreman	Job Contact HALE YARDLEY	Phone Mobile 403-451-7082
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968

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	02:30	2.25	2.50	Ream & Clean	REAM & CLEAN TIGHT HOLE DUE GRAVEL STRINGER
02:30	03:45	1.25	3.75	Condition mud & circulate	CONDITION MUD & CIRCULATE.BRING VIS UP TO 60S/L, TO CLEAN GRAVEL OUT OF TIGHT HOLE
03:45	04:45	1.00	4.75	Ream & Clean	REAM & CLEAN TIGHT HOLE DUE TO GRAVEL
04:45	06:15	1.50	6.25	Drill	DRILL 311MM HOLE FROM 105 METERS TO 123M
06:15	06:30	0.25	6.50	Deviation survey	DEVIATION SURVEY 105M @ 0.50 DEG
06:30	08:00	1.50	8.00	Drill	DRILL 123M - 145M
08:00	08:15	0.25	8.25	Drill	DRILL 145M - 151M
08:15	08:30	0.25	8.50	Deviation survey	DEVIATION SURVEY 133M @ 0.5 DEG
08:30	08:45	0.25	8.75	Rig Service	RIG SERVICE FUNCTION ANNULAR 10 SECS CLOSED
08:45	10:45	2.00	10.75	Drill	DRILL 151M - 178M
10:45	11:15	0.50	11.25	Deviation survey	DEVIATION SURVEY 160M @ 0.50 DEG
11:15	12:30	1.25	12.50	Drill	DRILL 178M - 197M
12:30	13:00	0.50	13.00	Condition mud & circulate	CIRCULATE CLEAN HOLE
13:00	15:30	2.50	15.50	Trips	TRIPS BIT #1 - FLOW CHECK 185M, HOLEFILL=3.05M/3, CALC=2.60M/3, RIH BIT #2.
15:30	15:45	0.25	15.75	Condition mud & circulate	WASH TO BTM F/185M - 197M, 1M FILL
15:45	17:00	1.25	17.00	Drill	DRILL 197M - 216M
17:00	17:15	0.25	17.25	Deviation survey	DEVIATION SURVEY 198M @ 1.0 DEG
17:15	17:30	0.25	17.50	Rig Service	RIG SERVICE
17:30	19:45	2.25	19.75	Drill	DRILL 216M - 254M



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/22/2010

Report #: 4.0

Depth Progress: 136.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 54,532

Cum Cost to Date: 229,296

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 1.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
19:45	20:00	0.25	20.00	Deviation survey	DEVIATION SURVEY 225M @ .5 DEG
20:00	22:15	2.25	22.25	Drill	DRILL 311MM HOLE FROM 254 METERS TO 301 METERS
22:15	22:45	0.50	22.75	Circulate And Condition	WORK PIPE ON CONNECTIONS
22:45	23:00	0.25	23.00	Clean - floor / Pump / screens	CLEAN SUCTION SCREENS
23:00	23:30	0.50	23.50	Drill	DRILL 311MM HOLE FROM 301 METERS TO 311 METERS
23:30	00:00	0.50	24.00	Deviation survey	DEVIATION SURVEY (ACCUMULATED)

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 3,146	Mud Cum To Date 3,355		
Depth (mKB) 292.15	Density (kg/m³) 1050.0	Funnel Viscosity (s/L) 38	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
SAWDUST	6.53	8.0
SODA ASH	21.19	8.0
GEL	14.69	48.0
TKPP	150.51	1.0
ALKAPAM A1103D	211.93	2.0
HYPERDRILL AF 247RD	221.55	5.0
SULPHAMIC ACID	65.57	1.0
ULTRA PAC R	203.10	2.0
SAWDUST	6.53	10.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 95
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 85
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 85
2		
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 95
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 85
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 85

BIT SUMMARY

Bit Run	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
1 RR	Bit	311.1	VAREL	HEO4JMRSV	250962	---
Nozzles (mm) 12.7/12.7/12.7/12.7	Depth In (mKB) 105.15	Depth Out (mKB) 254.15	Depth Drilled (m) 79.00	Drilling Time (hrs) 8.75	BHA ROP (m/hr) 9.0	IADC Bit Dull -----

DRILL STRING COMPONENTS

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



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/22/2010

Report #: 4.0

Depth Progress: 136.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 54,532

Cum Cost to Date: 229,296

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 1.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

DRILLING SUMMARY

Depth Start (mKB) 105.15	Depth End (mKB) 145.15	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) 6.25		
Depth Start (mKB) 215.15	Depth End (mKB) 254.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 7,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 150	Motor RPM (rpm)	Bit RPM (rpm) 150	Slack-Off Hook Load (daN)	Drilling Time (hrs) 2.50		

BIT SUMMARY

Bit Run 2	Bit Type Bit	Size (mm) 311.1	Make VAREL	Model HE04JMRSV	Serial Number 254818	IADC Codes ---
Nozzles (mm) 12.7/12.7/12.7/12.7	Depth In (mKB) 254.15	Depth Out (mKB) 391.15	Depth Drilled (m) 137.00	Drilling Time (hrs) 10.75	BHA ROP (m/hr) 12.7	IADC Bit Dull 1-1-BT-M-E-311-N...

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.51	365.09
Drill pipe - Stands			9	170.98	355.58
HWDP(4.0 IN)	68.0	102.0	6	55.77	184.60
X/O	61.0	151.0	1	0.30	128.83
DC (6.25 IN)	60.0	155.0	8	72.16	128.53
JARS-HYD/MECH	74.0	163.0	1	5.21	56.37
SHORT DRILL COLLAR	64.0	166.0	1	4.61	51.16
DC (6.25 IN)	60.0	155.0	5	46.24	46.55

DRILLING SUMMARY

Depth Start (mKB) 254.15	Depth End (mKB) 311.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 6,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 150	Motor RPM (rpm)	Bit RPM (rpm) 150	Slack-Off Hook Load (daN)	Drilling Time (hrs) 2.75		

SAFETY CHECKS

Date	Type	Description
2/22/2010	Safety Meeting	SLIPS TRIPS & FALLS
2/22/2010	Safety Meeting	TRIPPING IN HOLE.HSE ALERT 2009-103 CW
2/23/2010	Safety Meeting	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)
2/22/2010	133.15	0.50	0.00	133.15	0.90	0.00	0.90	0.00
2/22/2010	160.15	0.50	0.00	160.15	1.14	0.00	1.14	0.00
2/22/2010	198.15	1.00	0.00	198.14	1.63	0.00	1.63	0.39
2/22/2010	225.15	0.50	0.00	225.14	1.99	0.00	1.99	0.56
2/22/2010	255.15	0.50	0.00	255.14	2.25	0.00	2.25	0.00

FORMATIONS

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



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/23/2010

Report #: 5.0

Depth Progress: 80.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 36,158

Cum Cost to Date: 265,454

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 2.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB) 311.2	Depth End (mKB) 391.2	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
Weather Overcast, lt snow	Temperature (°C) -18	Lease Condition Frozen / Ice	

Operation at 6am

Circulating 219 mm surface casing on bottom

Operations Summary

Drilled ahead, changed wash pipe (twice O ring failed), drilled to surface TD of 391 m @ 08:15. Circulated hole clean and wiper tripped to conductor. Bridged-off running back @ 105 m, washed several sections to 123 m and tripped to bottom with 6 m fill. Circulated hole clean and tripped out for casing. Worked bit several times from 95 - 130 m. Did not tag anything. Waited for 45 minutes to determine if N-06 would run their casing. They were set to go, ran back in hole and circulate until tong truck available. 4 m fill on bottom. At 22:00 tripped out of hole for surface casing

Operations Next Report Period

Run circ and WO cementers and cement surface casing, head-up BOPs

Remarks

No accidents or incidents. Necessary to trip back to bottom as casing truck tied-up @ N-06. Ordered out rig jacks to level rig prior to running surface casing

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Drilling Foreman	Job Contact HALE YARDLEY	Phone Mobile 403-451-7082
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968

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 FUNCTIONED ANNULAR ON DIVERTER C/O 12 SECS
00:15	03:45	3.50	3.75	Drill	DRILL 311MM HOLE FROM 311 METERS TO 358 METERS
03:45	05:00	1.25	5.00	Rig Repair	RIG REPAIR, CHANGE WASH PIPE PACKING
05:00	05:15	0.25	5.25	Deviation survey	DEVIATION SURVEY AT 340M DEV. .5 DEG
05:15	05:30	0.25	5.50	Drill	DRILL 311MM HOLE FROM 358 METERS TO 361M
05:30	06:15	0.75	6.25	Rig Service	RIG SERVICE - CHANGE WASH PIPE O-RINGS
06:15	08:00	1.75	8.00	Drill	DRILL 361M - 387M
08:00	08:15	0.25	8.25	Drill	DRILL 387M - 391M
08:15	08:30	0.25	8.50	Deviation survey	DEVIATION SURVEY 373M @ 0.50 DEG
08:30	08:45	0.25	8.75	Rig Service	RIG SERVICE
08:45	09:15	0.50	9.25	Condition mud & circulate	CIRCULATE
09:15	11:00	1.75	11.00	Trips	WIPER TRIPS, FLOW CHECK 384M, HOLEFILL=2.81M/3, CALC=2.51M/3
11:00	13:15	2.25	13.25	Ream & Clean	REAM & CLEAN - TAG BRIDGE @ 105M - 123M
13:15	14:15	1.00	14.25	Trips	TRIPS IN TO 385M
14:15	16:00	1.75	16.00	Condition mud & circulate	CONDITION MUD & CIRCULATE, WASH TO BTM F/385M - 391M, 6M FILL
16:00	16:15	0.25	16.25	Rig Service	RIG SERVICE
16:15	18:15	2.00	18.25	Trips	WIPER TRIP TO 92M, CHAIN & PIPESPINNER OUT.
18:15	19:15	1.00	19.25	Trip in hole	TRIP IN HOLE TO BOTTOM TO CIRCULATE (WAIT ON POWER TONGS, TONGS ON RIG 245)
19:15	20:00	0.75	20.00	Circulate And Condition	CIRCULATE AND CONDITION
20:00	20:15	0.25	20.25	Safety meeting	SAFETY MEETING WITH RIG MANAGER. REVIEWED SERIOUS INCIDENT. SUPERFICIAL BURNS TO BOTH FEET



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/23/2010

Report #: 5.0

Depth Progress: 80.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 36,158

Cum Cost to Date: 265,454

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 2.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
20:15	22:00	1.75	22.00	Circulate And Condition	CIRCULATE AND CONDITION DUE TO POWER TONGS ON RIG 245
22:00	00:00	2.00	24.00	Trip out of hole	TRIP OUT OF HOLE.TO RUN CASING.LAY OUT 8 INCH DRILL COLLARS.FLOW CHECK AT 391M.BLOW KELLY

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 4,272		Mud Cum To Date 7,627	
Depth (mKB) 391.15	Density (kg/m³) 1120.0	Funnel Viscosity (s/L) 65	pH 8.5	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
MF-VIS	500.33	4.0
SAWDUST	6.53	11.0
CAUSTIC SODA	11.36	1.0
MF-VIS	500.33	4.0
SAWDUST	6.53	6.0
GEL	14.69	10.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 90
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 90
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 80
2		
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 90
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 90
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 80

BIT SUMMARY

Bit Run 2	Bit Type Bit	Size (mm) 311.1	Make VAREL	Model HE04JMRSV	Serial Number 254818	IADC Codes ---
Nozzles (mm) 12.7/12.7/12.7/12.7	Depth In (mKB) 254.15	Depth Out (mKB) 391.15	Depth Drilled (m) 137.00	Drilling Time (hrs) 10.75	BHA ROP (m/hr) 12.7	IADC Bit Dull 1-1-BT-M-E-311-N...

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Singles			1	9.51	365.09
Drill pipe - Stands			9	170.98	355.58
HWDP(4.0 IN)	68.0	102.0	6	55.77	184.60
X/O	61.0	151.0	1	0.30	128.83
DC (6.25 IN)	60.0	155.0	8	72.16	128.53
JARS-HYD/MECH	74.0	163.0	1	5.21	56.37
SHORT DRILL COLLAR	64.0	166.0	1	4.61	51.16
DC (6.25 IN)	60.0	155.0	5	46.24	46.55



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/23/2010

Report #: 5.0

Depth Progress: 80.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 36,158

Cum Cost to Date: 265,454

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 2.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

DRILLING SUMMARY

Depth Start (mKB) 311.15	Depth End (mKB) 387.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 7,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 150	Motor RPM (rpm)	Bit RPM (rpm) 150	Slack-Off Hook Load (daN)	Drilling Time (hrs) 5.50		
Depth Start (mKB) 387.15	Depth End (mKB) 391.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 7,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 150	Motor RPM (rpm)	Bit RPM (rpm) 150	Slack-Off Hook Load (daN)	Drilling Time (hrs) 2.50		

SAFETY CHECKS

Date	Type	Description
2/23/2010	Safety Meeting	TRIPPING w/PIESPINNER
2/23/2010	Safety Meeting	STEAM BURNS
2/24/2010	Safety Meeting	RUNNING CASING (SURFACE)

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)
2/23/2010	312.15	0.50	0.00	312.14	2.75	0.00	2.75	0.00
2/23/2010	340.15	0.50	0.00	340.14	2.99	0.00	2.99	0.00
2/23/2010	373.15	0.50	0.00	373.13	3.28	0.00	3.28	0.00

FORMATIONS

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



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/24/2010

Report #: 6.0

Depth Progress: 0.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 95,620

Cum Cost to Date: 361,074

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 3.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB) 391.2	Depth End (mKB) 391.2	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
Weather Overcast	Temperature (°C) -17	Lease Condition Frozen / Ice	

Operation at 6am

Completing BOP ram block switch

Operations Summary

Completed trip out and laying down 2-203 mm collars. Jacked rig. Ran 29 joints of 219.1 mm, 35.7 kg/m, J-55 length 392.37 m, landed @ 391 mKB. Circulated and waited on cementers. Cemented with 39 t (97% XS) of "G" + 1.5% CaCl - 29.56 m3. CIP @ 10:45 with 7 m3 contaminated mud and 7 m3 of good cement. Pressure tested casing to 16 mPa for 10 minutes. Floats, annulus and casing held ok. WOC. removed diverter, cut casing, installed 229 x 228 mm, 21 mPa casing bowl SN 63962-11. Cleaned mud tanks, modified flare and gut lines to accomodate shorter flare tank spacing.

Operations Next Report Period

Continue to head-up, make-up main hole BHA , drill out & ahead

Remarks

No accidents or incidents. Recovered a lot of cement contaminated mud on cement job. Also discarded about 5 m3 of high solids, polymer glob in bottom of tank #3 that could not be broken down and stripped. We suspect high pH contamination from traces of cement into mud tanks. Minor time loss in sharing services with surface cementing operation on N-06. Weekly INAC inspection - no issues, operation proceeding favourably.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Drilling Foreman	Job Contact HALE YARDLEY	Phone Mobile 403-451-7082
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:30	0.50	0.50	Trip out of hole	FINISH COMING OUT OF HOLE TO RUN CASING.LAY OUT 8 INCH COLLARES
00:30	00:45	0.25	0.75	Safety meeting	SAFETY MEETING WITH ARDY RIG JACKING
00:45	01:15	0.50	1.25	Level rig	LEVEL RIG WITH ARDY RIG JACKERS
01:15	01:30	0.25	1.50	Safety meeting	SAFETY MEETING WITH TOTAL DEPTH POWER TONGS
01:30	01:45	0.25	1.75	Rig up/down to run casing	RIG UP TO RUN 219.1MM CASING
01:45	02:00	0.25	2.00	Rig Service	RIG SERVICE
02:00	04:30	2.50	4.50	Run casing	RUN 219.1MM CASING
04:30	08:00	3.50	8.00	Circulate And Condition	CIRCULATE CASING PRIOR TO CEMENT JOB
08:00	08:15	0.25	8.25	Rig Service	RIG SERVICE
08:15	09:00	0.75	9.00	Condition mud & circulate	CONDITION MUD & CIRCULATE CASING
09:00	09:15	0.25	9.25	Safety meeting	SAFETY MEETING CEMENT CASING w/SANJEL
09:15	11:00	1.75	11.00	Cementing	CEMENTING 219.1MM CASING
11:00	15:00	4.00	15.00	Wait on cement	WAIT ON CEMENT
15:00	20:00	5.00	20.00	W/O Welder	WAIT ON WELDER
20:00	20:45	0.75	20.75	W/O Welder	WAIT ON WELDER
20:45	23:15	2.50	23.25	Other	CUT CASING,LAY DOWN DIVERTER, WELD ON CASING BOWL, TEST CASING BOWL @ 8400 KPA - 10 MINS.
23:15	23:30	0.25	23.50	Safety meeting	SAFETY MEETING JSA#15
23:30	00:00	0.50	24.00	Nipple up BOP	NIPPLE UP BOP



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/24/2010

Report #: 6.0

Depth Progress: 0.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 95,620

Cum Cost to Date: 361,074

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 3.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

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 80		Mud Cum To Date 7,707
Depth (mKB) 391.15	Density (kg/m³) 1060.0	Funnel Viscosity (s/L) 45	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed
DESCO CF	80.46	1.0

MUD PUMPS			
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 85	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 85	Volumetric Efficiency (%)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm)	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
2/24/2010	Safety Meeting	CEMENTING CASING
2/24/2010	Safety Meeting	NIPPLE UP BOP
2/25/2010	Safety Meeting	NIPPLE UP BOP

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 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/25/2010

Report #: 7.0

Depth Progress: 144.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 62,020

Cum Cost to Date: 423,094

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 4.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations			
Depth Start (mKB) 391.2	Depth End (mKB) 535.2	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00

Weather Mostly Clear	Temperature (°C) -20	Lease Condition Frozen / Ice
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Operation at 6am

Control Drilling ahead to 645 m

Operations Summary

Installed BOPs, changed ram blocks blinds on bottom, pipe above spool. Brought over 20 m3 of stripped mud, filled 1 compartment with water for drill out, prepared for floc water drilling of main hole. Pressure tested BOPs and manifold from 10:00 and made-up 200 mm PDC and tripped in hole. Tagged cement @ 376 m. Held BOP drill, Drilled out from 391 m @ 16:30 hrs with floc water system

Operations Next Report Period

Continue to control drill ahead with floc water

Remarks

No accidents or incidents. Accumulator Function Test. Pressure Before: 17 mPa, pressure remaining after 3 functions 12.5 mPa. Recharge time 60 seconds. Pressure tested Pipe, Blind Rams IKLV, OKLV, HCR, OCLV, inside BOP, upper kelly cock, IBOP to 1.4 & 14 mPa (annular 1.4 & 10.5 mPa) for 10 minutes each - all held ok. Pressure tested manifold valves to 1.4 & 14 mPa for 10 minutes each, charged manifold with anitifreeze.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)
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DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Drilling Foreman	Job Contact HALE YARDLEY	Phone Mobile 403-451-7082
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	05:00	5.00	5.00	Nipple up BOP	NIPPLE UP BOP - CUT & WELD FLARELINES TO FIT FLARE TANK
05:00	05:15	0.25	5.25	Safety meeting	SAFETY MEETING #874154 CHANGING RAMS IN B.O.P.
05:15	06:30	1.25	6.50	Change rams	CHANGE RAM CONFIGURATION, REMOVE HCR VALVE TO GET RAM DOORS OPEN.
06:30	07:45	1.25	7.75	Change rams	CHANGE RAMS, REINSTALL HCR VALVING
07:45	08:00	0.25	8.00	Rig Service	RIG SERVICE
08:00	10:00	2.00	10.00	Waiting on	WAITING ON PRESSURE TESTER
10:00	10:15	0.25	10.25	Safety meeting	SAFETY MEETING WITH RAINBOW PRESSURE TESTING
10:15	13:45	3.50	13.75	Test BOP	TEST BOP, TEST ANNULAR PREVENTER, PIPE RAMS, BLIND RAMS, HCR, CHOKE LINE AND VALVE, INSIDE, OUTSIDE KILL AND CHECK VALVE, MANIFOLD, UPPER AND LOWER KELLY COCK, STABBING VALVE, INSIDE B.O.P. ALL TESTS HELD TEN MINUTES, 1400KPA LOW, 14000KPA HIGH, (ANNULAR 10500KPA)
13:45	14:45	1.00	14.75	Trips	TRIPS, RIH
14:45	15:00	0.25	15.00	Drills/BOP, etc.	DRILLS/BOP, WELL SECURE IN 70 SECONDS
15:00	16:30	1.50	16.50	Drill cement/drill out cement/drill float&shoe	DRILL OUT CEMENT/DRILL FLOAT&SHOE, TAGGED CEMENT @ 375M
16:30	18:00	1.50	18.00	Drill	DRILL 200MM HOLE FROM 391 TO 408M
18:00	18:15	0.25	18.25	Deviation survey	DEVIATION SURVEY 405M @ 0.50 DEG.
18:15	19:00	0.75	19.00	Drill	DRILL 408M - 427M
19:00	19:15	0.25	19.25	Drills/BOP, etc.	DRILLS/BOP, WELL SECURED 90 SECS, FUNCTION MOTOR KILLS
19:15	19:30	0.25	19.50	Rig Service	RIG SERVICE FUNCTION HCR 3 SECS OPEN
19:30	20:00	0.50	20.00	Drill	DRILL 427M - 446M



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/25/2010

Report #: 7.0

Depth Progress: 144.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 62,020

Cum Cost to Date: 423,094

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30		Rig Release Date 3/3/2010 11:59:59 PM	DFS: 4.48 days
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
20:00	21:30	1.50	21.50	Drill	DRILL 446M - 484M
21:30	21:45	0.25	21.75	Deviation survey	DEVIATION SURVEY 481M @ 0.50 DEG
21:45	00:00	2.25	24.00	Drill	DRILL 484M - 535M

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 1,761	Mud Cum To Date 9,468		
Depth (mKB) 495.15	Density (kg/m³) 1010.0	Funnel Viscosity (s/L) 30	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
SULPHAMIC ACID	65.57	2.0
CITRIC ACID	105.00	5.0
SULPHAMIC ACID	65.57	8.0
DETERGENT	107.18	1.0
ALKAPAM A1103D	211.93	1.0
HYPERDRILL AF 247RD	221.55	1.0
SAWDUST	6.53	6.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pressure (kPa) 1,800	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 1,500	Slow Speed Check? Yes	Strokes (spm) 69
Pump Number 2	Rod Diameter (mm)	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 VAREL	Model VTD513HX	Serial Number 4001141	IADC Codes M-2-2-2
Nozzles (mm) 8.7/8.7/8.7/8.7/...	Depth In (mKB) 391.15	Depth Out (mKB) 1,520.15	Depth Drilled (m) 1,129.00	Drilling Time (hrs) 72.00	BHA ROP (m/hr) 15.7	IADC Bit Dull 1-1-CT-N-X-0-WT-...

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			68	1,292.36	1,489.83
Drill pipe - Singles			1	9.50	197.47
HWDP		133.0	6	55.77	187.97
X/O		152.0	1	0.30	132.20
DC (6.25 IN)		158.0	8	72.16	131.90
JARS-HYD/MECH		166.0	1	5.20	59.74
SHORT DRILL COLLAR		166.0	1	4.61	54.54
DC (6.25 IN)		158.0	5	46.24	49.93
TELEDRIFT		154.0	1	2.47	3.69
BIT SUB		161.0	1	0.91	1.22



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/25/2010

Report #: 7.0

Depth Progress: 144.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 62,020

Cum Cost to Date: 423,094

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 4.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

DRILLING SUMMARY

Depth Start (mKB) 391.15	Depth End (mKB) 446.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 2,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 75	Motor RPM (rpm)	Bit RPM (rpm) 75	Slack-Off Hook Load (daN)	Drilling Time (hrs) 4.25		
Depth Start (mKB) 446.15	Depth End (mKB) 535.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 2,000	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) 3.75		

SAFETY CHECKS

Date	Type	Description
2/25/2010	Safety Meeting	DANGER ZONE
2/26/2010	Safety Meeting	DOG COLLAR

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)
2/25/2010	405.15	0.50	0.00	405.13	3.56	0.00	3.56	0.00
2/25/2010	481.15	0.50	0.00	481.13	4.22	0.00	4.22	0.00

FORMATIONS

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



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/26/2010

Report #: 8.0

Depth Progress: 377.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 43,086

Cum Cost to Date: 466,180

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 5.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB) 535.2	Depth End (mKB) 912.2	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
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Weather Clear	Temperature (°C) -10	Lease Condition Frozen / Ice
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Operation at 6am

Drilling ahead to 974m while building mud system

Operations Summary

Drill from 535m - 912m. Minor losses from 750m - 780m

Operations Next Report Period

Drill ahead. Mud up. Wiper trip

Remarks

Tight shales from 770m - 810m.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)
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DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Drilling Foreman	Job Contact HALE YARDLEY	Phone Mobile 403-451-7082
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	01:00	1.00	1.00	Drill	DRILL 535M - 560M
01:00	01:15	0.25	1.25	Deviation survey	DEVIATION SURVEY 557M @ 0.50 DEG
01:15	01:30	0.25	1.50	Rig Service	RIG SERVICE FUNCTION ANNULAR 7 SECS CLOSED
01:30	05:15	3.75	5.25	Drill	DRILL 560M - 636M
05:15	05:30	0.25	5.50	Deviation survey	DEVIATION SURVEY 633M @ 0.50 DEG
05:30	08:00	2.50	8.00	Drill	DRILL 636M - 674M
08:00	08:15	0.25	8.25	Rig Service	RIG SERVICE, FUNCTIONED PIPE RAMS C/O 5 SECONDS
08:15	11:15	3.00	11.25	Drill	DRILL 200mm HOLE FROM 674 TO 732M
11:15	11:30	0.25	11.50	Deviation survey	DEVIATION SURVEY @ 729M DEV. .5 DEG
11:30	14:00	2.50	14.00	Drill	DRILL 200mm HOLE FROM 732 TO 779M
14:00	14:45	0.75	14.75	Condition mud & circulate	CIRCULATE LCM SWEEP
14:45	17:00	2.25	17.00	Drill	DRILL 200mm HOLE FROM 779 TO 808M
17:00	17:15	0.25	17.25	Rig Service	RIG SERVICE, FUNCTIONED ANNULAR PREVENTER C/O 8 SECONDS
17:15	18:15	1.00	18.25	Drill	DRILL 200mm HOLE FROM 808 TO 827M
18:15	18:30	0.25	18.50	Deviation survey	DEVIATION SURVEY @ 824M DEV. 1.0 DEG.
18:30	20:00	1.50	20.00	Drill	DRILL 200mm HOLE FROM 827 TO 850M
20:00	00:00	4.00	24.00	Drill	DRILL 850M - 912M



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/26/2010

Report #: 8.0

Depth Progress: 377.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 43,086

Cum Cost to Date: 466,180

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 5.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

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 3,223	Mud Cum To Date 12,691		
Depth (mKB) 889.15	Density (kg/m³) 1040.0	Funnel Viscosity (s/L) 30	pH 8.0	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
DESCO CF	80.46	1.0
HYPERDRILL AF 247RD	221.55	1.0
SAWDUST	6.53	10.0
ENVIROFLOC	43.63	10.0
LIGNITE	16.58	6.0
MF-VIS	500.33	2.0
ULTRASEAL XP	77.73	3.0
GEL	14.69	3.0
SAWDUST	6.53	35.0
MF-VIS	500.33	1.0
HYPERDRILL AF 247RD	221.55	1.0
SAWDUST	6.53	14.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa) 1,700	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 2,200	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 1,790	Slow Speed Check? Yes	Strokes (spm) 69
Pump Number 2	Rod Diameter (mm)	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 VAREL	Model VTD513HX	Serial Number 4001141	IADC Codes M-2-2-2
Nozzles (mm) 8.7/8.7/8.7/8.7/...	Depth In (mKB) 391.15	Depth Out (mKB) 1,520.15	Depth Drilled (m) 1,129.00	Drilling Time (hrs) 72.00	BHA ROP (m/hr) 15.7	IADC Bit Dull 1-1-CT-N-X-0-WT-...

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			68	1,292.36	1,489.83
Drill pipe - Singles			1	9.50	197.47
HWDP		133.0	6	55.77	187.97
X/O		152.0	1	0.30	132.20
DC (6.25 IN)		158.0	8	72.16	131.90
JARS-HYD/MECH		166.0	1	5.20	59.74
SHORT DRILL COLLAR		166.0	1	4.61	54.54
DC (6.25 IN)		158.0	5	46.24	49.93
TELEDRIFT		154.0	1	2.47	3.69
BIT SUB		161.0	1	0.91	1.22



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/26/2010

Report #: 8.0

Depth Progress: 377.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 43,086

Cum Cost to Date: 466,180

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 5.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

DRILLING SUMMARY

Depth Start (mKB) 535.15	Depth End (mKB) 674.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 5,000	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) 7.25		
Depth Start (mKB) 674.15	Depth End (mKB) 850.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 5,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm) 100	Slack-Off Hook Load (daN)	Drilling Time (hrs) 10.25		
Depth Start (mKB) 850.15	Depth End (mKB) 912.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 5,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm) 100	Slack-Off Hook Load (daN)	Drilling Time (hrs) 4.00		

SAFETY CHECKS

Date	Type	Description
2/27/2010	Safety Meeting	WORKING TIGHT 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)
2/26/2010	557.15	0.50	0.00	557.13	4.88	0.00	4.88	0.00
2/26/2010	633.15	0.50	0.00	633.12	5.55	0.00	5.55	0.00
2/26/2010	729.15	0.50	0.00	729.12	6.38	0.00	6.38	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	583.00	582.98
Fort Simpson	757.00	757.00



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/27/2010

Report #: 9.0

Depth Progress: 257.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 68,257

Cum Cost to Date: 534,437

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 6.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB) 912.2	Depth End (mKB) 1,169.2	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
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Weather Overcast	Temperature (°C) -11	Lease Condition Frozen / Ice
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Operation at 6am

Drilling ahead to 1255m at 20 m/hr

Operations Summary

Drill from 912m - 965m. Shut in mud tanks and build mud system. Work pipe and circulate hole clean at 965m. Drill from 965m - 1046m. Wiper trip to casing shoe at 391m. Hole good on wiper trip. Wash 6m loose fill to bottom. Drill from 1046m - 1167m.

Operations Next Report Period

Drill ahead

Remarks

Ordered 1520m of 139.7mm J-55 casing and accessories for delivery tomorrow. Provided 72hr notice to Weatherford loggers.

Avg Connection Gas (Units) 100	Avg Background Gas (Units) 55	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)
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DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:30	0.50	0.50	Drill	DRILL 912M - 922M
00:30	00:45	0.25	0.75	Deviation survey	DEVIATION SURVEY 919M @ 1.0 DEG
00:45	01:00	0.25	1.00	Rig Service	RIG SERVICE FUNCTION PIPERAMS 3 SECS CLOSED
01:00	04:30	3.50	4.50	Drill	DRILL 922M - 966M
04:30	05:15	0.75	5.25	Condition mud & circulate	CONDITION MUD & CIRCULATE - WORK PIPE & CLEAN HOLE
05:15	08:00	2.75	8.00	Drill	DRILL 966M - 998M
08:00	08:15	0.25	8.25	Rig Service	RIG SERVICE, FUNCTIONED ANNULAR PREVENTER C/O 8 SECONDS
08:15	10:45	2.50	10.75	Drill	DRILL 200mm HOLE FROM 998 TO 1027M
10:45	11:00	0.25	11.00	Deviation survey	DEVIATION SURVEY @ 1024M DEV .5 DEG
11:00	12:45	1.75	12.75	Drill	DRILL 200mm HOLE FROM 1027 TO 1046M
12:45	13:15	0.50	13.25	Condition mud & circulate	CONDITION MUD & CIRCULATE
13:15	14:45	1.50	14.75	Trips	TRIPS, WIPER TO SHOE, FC @ 1034,994,523,380M
14:45	16:00	1.25	16.00	Trips	TRIPS, RIH, FC @ 380,1034
16:00	16:15	0.25	16.25	Rig Service	RIG SERVICE, FUNCTIONED PIPE RAMS C/O 5 SECONDS
16:15	20:00	3.75	20.00	Drill	DRILL 200mm HOLE FROM 1046 TO 1100M
20:00	21:45	1.75	21.75	Drill	DRILL 1100M - 1131M
21:45	22:00	0.25	22.00	Deviation survey	DEVIATION SURVEY 1128M @ 0.50 DEG.
22:00	00:00	2.00	24.00	Drill	DRILL 1131M - 1169M



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/27/2010

Report #: 9.0

Depth Progress: 257.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 68,257

Cum Cost to Date: 534,437

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 6.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L) 1,000	Calcium (mg/L) 600	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³) 1046.0	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Cost 14,120	Mud Cum To Date 26,811	
Depth (mKB) 1,160.15	Density (kg/m³) 1020.0	Funnel Viscosity (s/L) 40	pH 8.0	PV Override (cp) 9.0	YP Override (Pa) 5.700	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed
XL DEFOAMER	169.17	2.0
ULTRASEAL XP	77.73	2.0
ENVIROFLOC	43.63	3.0
SHURE SHALE	354.74	4.0
STARDRIL	146.16	4.0
KELZAN XCD POLYMER	522.35	6.0
SAWDUST	6.53	12.0
HYPERDRILL AF 247RD	221.55	1.0
XL DEFOAMER	169.17	2.0
KELZAN XCD POLYMER	522.35	2.0
CAUSTIC SODA	11.36	2.0
ULTRA PAC R	203.10	4.0
STARDRIL	146.16	7.0
SAWDUST	6.53	10.0
LIGNITE	16.58	14.0
KELZAN XCD POLYMER	522.35	2.0
CAUSTIC SODA	11.36	2.0
XL DEFOAMER	169.17	4.0
ULTRA PAC R	203.10	4.0
SHURE SHALE	354.74	5.0
SAWDUST	6.53	8.0
CALCIUM CARBONATE 0	11.36	12.0

MUD PUMPS			
Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)	
Pressure (kPa) 1,790	Slow Speed Check? Yes	Strokes (spm) 69	Volumetric Efficiency (%)
Pressure (kPa) 2,200	Slow Speed Check? Yes	Strokes (spm) 69	Volumetric Efficiency (%)
Pressure (kPa) 2,500	Slow Speed Check? Yes	Strokes (spm) 69	Volumetric Efficiency (%)
Pump Number 2	Rod Diameter (mm)	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 VAREL	Model VTD513HX	Serial Number 4001141	IADC Codes M-2-2-2
Nozzles (mm) 8.7/8.7/8.7/8.7/...	Depth In (mKB) 391.15	Depth Out (mKB) 1,520.15	Depth Drilled (m) 1,129.00	Drilling Time (hrs) 72.00	BHA ROP (m/hr) 15.7	IADC Bit Dull 1-1-CT-N-X-0-WT-...

DRILL STRING COMPONENTS					
Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			68	1,292.36	1,489.83
Drill pipe - Singles			1	9.50	197.47



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/27/2010

Report #: 9.0

Depth Progress: 257.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 68,257

Cum Cost to Date: 534,437

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 6.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
HWDP		133.0	6	55.77	187.97
X/O		152.0	1	0.30	132.20
DC (6.25 IN)		158.0	8	72.16	131.90
JARS-HYD/MECH		166.0	1	5.20	59.74
SHORT DRILL COLLAR		166.0	1	4.61	54.54
DC (6.25 IN)		158.0	5	46.24	49.93
TELEDRIFT		154.0	1	2.47	3.69
BIT SUB		161.0	1	0.91	1.22

DRILLING SUMMARY

Depth Start (mKB) 912.15	Depth End (mKB) 998.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 2,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm) 100	Slack-Off Hook Load (daN)	Drilling Time (hrs) 6.75		
Depth Start (mKB) 998.15	Depth End (mKB) 1,100.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 2,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm) 100	Slack-Off Hook Load (daN)	Drilling Time (hrs) 8.00		
Depth Start (mKB) 1,100.15	Depth End (mKB) 1,169.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 2,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm) 100	Slack-Off Hook Load (daN)	Drilling Time (hrs) 3.75		

SAFETY CHECKS

Date	Type	Description
2/27/2010	Safety Meeting	WELL CONTROL
2/28/2010	Safety Meeting	EQUIPMENT MAINTANANCE

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)
2/27/2010	919.15	1.00	0.00	919.10	8.87	0.00	8.87	0.08
2/27/2010	1,024.15	0.50	0.00	1,024.09	10.25	0.00	10.25	0.14
2/27/2010	1,128.15	0.50	0.00	1,128.09	11.15	0.00	11.15	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	583.00	582.98
Fort Simpson	757.00	757.00



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/28/2010
Report #: 10.0
Depth Progress: 323.00

Total AFE Amount: 1,523,728.00
AFE Number: 09N010007
Daily Cost: 50,551
Cum Cost to Date: 584,987

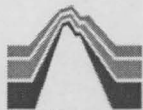
API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 7.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations			
Depth Start (mKB)	Depth End (mKB)	Target Formation	Target Depth (mKB)
1,169.2	1,492.2	Sulphur Point	1,510.00
Weather	Temperature (°C)	Lease Condition	
Overcast	-4	Frozen / Ice	
Operation at 6am			
Trip out at 1290m on wiper trip prior to logging			
Operations Summary			
Drill from 1167m - 1492m.			
Operations Next Report Period			
Drill to TD at 1520m. Wiper trip. Trip out to log. Run logging program.			
Remarks			
Took delivery of 123 joints of 139.7mm casing and casing accessoriess. Weatherford loggers ordered for 12:00hr tomorrow.			
Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
160	65		
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS		
Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

TIME LOG SUMMARY					
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:45	0.75	0.75	Drill	DRILL 1169M - 1178M
00:45	01:00	0.25	1.00	Rig Service	RIG SERVICE FUNCTION ANNULAR 7 SECS CLOSED
01:00	04:30	3.50	4.50	Drill	DRILL 1178M - 1235M
04:30	04:45	0.25	4.75	Deviation survey	DEVIATION SURVEY 1232M @ 0.50 DEG.
04:45	05:45	1.00	5.75	Drill	DRILL 1235M - 1254M
05:45	06:00	0.25	6.00	Safety meeting	HELD SAFETY/ CROSSOVER MEETING WITH BOTH CREWS
06:00	08:00	2.00	8.00	Drill	DRILL 1254M - 1292M
08:00	08:15	0.25	8.25	Rig Service	RIG SERVICE, FUNCTIONED PIPE RAMS C/O 5 SECONDS
08:15	08:30	0.25	8.50	Safety meeting	SAFETY MEETING: H2S ALARM DRILL, WELL SECURED, APPROPRIATE RESPONSE BY ALL PERSONNEL
08:30	10:45	2.25	10.75	Drill	DRILL 200mm HOLE FROM 1292 TO 1330M
10:45	11:00	0.25	11.00	Deviation survey	DEVIATION SURVEY @ 1327M DEV. 1 DEG.
11:00	16:15	5.25	16.25	Drill	DRILL 200mm HOLE FROM 1330 TO 1416M
16:15	16:30	0.25	16.50	Rig Service	RIG SERVICE, FUNCTIONED ANNULAR PREVENTER C/O 8 SECONDS
16:30	17:45	1.25	17.75	Drill	DRILL 200mm HOLE FROM 1416 TO 1435M
17:45	18:00	0.25	18.00	Safety meeting	HELD SAFETY/ CROSSOVER MEETING BETWEEN BOTH CREWS
18:00	18:15	0.25	18.25	Deviation survey	DEVIATION SURVEY @ 1432M DEV. 0.50 DEG.
18:15	20:00	1.75	20.00	Drill	DRILL 200mm HOLE FROM 1435 TO 1454M
20:00	00:00	4.00	24.00	Drill	DRILL 1454M - 1492M

MUD CHECKS						
Low Gravity Solids (%) 5.6	MBT (kg/m³) 40	Oil Water Ratio	Chlorides (mg/L) 1,500	Calcium (mg/L) 120	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³) 1178.0	Sand (%)	Solids (%) 5.6	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 10,448
Depth (mKB) 1,491.15		Density (kg/m³) 1090.0		Funnel Viscosity (s/L) 75		pH 10.5
				PV Override (cp) 28.0		YP Override (Pa) 21.500



Paramount
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Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/28/2010

Report #: 10.0

Depth Progress: 323.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 50,551

Cum Cost to Date: 584,987

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 7.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
SHURE SHALE	354.74	1.0
XL DEFOAMER	169.17	2.0
CAUSTIC SODA	11.36	2.0
KELZAN XCD POLYMER	522.35	3.0
STARDRIL	146.16	4.0
ULTRA PAC R	203.10	6.0
SAWDUST	6.53	12.0
HYPERDRILL AF 247RD	221.55	1.0
KELZAN XCD POLYMER	522.35	3.0
CAUSTIC SODA	11.36	5.0
ULTRA PAC R	203.10	6.0
HYPERDRILL AF 247RD	221.55	1.0
KELZAN XCD POLYMER	522.35	3.0
CAUSTIC SODA	11.36	5.0
ULTRA PAC R	203.10	6.0
ULTRASEAL XP	77.73	2.0

MUD PUMPS

Pump Number	Rod Diameter (mm)	Pump Rating (kW)
1		
Pressure (kPa) 2,500	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 3,050	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 2,600	Slow Speed Check? Yes	Strokes (spm) 69
2		
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	Bit Type	Size (mm)	Make	Model	Serial Number	IADC Codes
3	Bit	200.0	VAREL	VTD513HX	4001141	M-2-2-2
Nozzles (mm) 8.7/8.7/8.7/8.7/...	Depth In (mKB) 391.15	Depth Out (mKB) 1,520.15	Depth Drilled (m) 1,129.00	Drilling Time (hrs) 72.00	BHA ROP (m/hr) 15.7	IADC Bit Dull 1-1-CT-N-X-0-WT-...

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			68	1,292.36	1,489.83
Drill pipe - Singles			1	9.50	197.47
HWDP		133.0	6	55.77	187.97
X/O		152.0	1	0.30	132.20
DC (6.25 IN)		158.0	8	72.16	131.90
JARS-HYD/MECH		166.0	1	5.20	59.74
SHORT DRILL COLLAR		166.0	1	4.61	54.54
DC (6.25 IN)		158.0	5	46.24	49.93
TELEDRIFT		154.0	1	2.47	3.69
BIT SUB		161.0	1	0.91	1.22

DRILLING SUMMARY

Depth Start (mKB) 1,169.15	Depth End (mKB) 1,292.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 5,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm) 100	Slack-Off Hook Load (daN)	Drilling Time (hrs) 7.25		



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 2/28/2010
Report #: 10.0
Depth Progress: 323.00

Total AFE Amount: 1,523,728.00
AFE Number: 09N010007
Daily Cost: 50,551
Cum Cost to Date: 584,987

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 7.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

DRILLING SUMMARY

Depth Start (mKB) 1,292.15	Depth End (mKB) 1,454.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 4,000	Drilling Torque	Flow Rate (m³/min)	dP (SPP) (kPa)
RPM (rpm) 100	Motor RPM (rpm)	Bit RPM (rpm) 100	Slack-Off Hook Load (daN)	Drilling Time (hrs) 10.50		
Depth Start (mKB) 1,454.15	Depth End (mKB) 1,476.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 5,000	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) 2.32		
Depth Start (mKB) 1,476.15	Depth End (mKB) 1,492.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 7,000	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) 1.68		

SAFETY CHECKS

Date	Type	Description
2/28/2010	Safety Meeting	H2S AWARENESS
3/1/2010	Safety Meeting	TRIPPING

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)
2/28/2010	1,232.15	0.50	0.00	1,232.09	12.06	0.00	12.06	0.00
2/28/2010	1,327.15	1.00	0.00	1,327.08	13.30	0.00	13.30	0.16
2/28/2010	1,432.15	0.50	0.00	1,432.07	14.68	0.00	14.68	0.14

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	583.00	582.98
Fort Simpson	757.00	757.00



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/1/2010

Report #: 11.0

Depth Progress: 28.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 32,257

Cum Cost to Date: 617,245

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30		Rig Release Date 3/3/2010 11:59:59 PM	DFS: 8.48 days
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations			
Depth Start (mKB) 1,492.2	Depth End (mKB) 1,520.2	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00

Weather Overcast	Temperature (°C) 3	Lease Condition Frozen / Ice/ Standing Water
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Operation at 6am

Trip in hole to lay down drill string.

Operations Summary

Drill from 1492m - 1520m TD. Circulate bottom hole sample. Pump out 4 singles and wash back to bottom. Circulate hole clean. Wiper trip out to casing shoe at 390m. Cut and slip drill line. Wiper trip in to bridge at 1478m. Ream through bridge from 1478m - 1484m and wash to bottom. Circulate hole clean. Wiper trip #2 to 1025m. Circulate hole clean. Trip out of hole with pipe strap to log. Hold safety meeting with Weatherford loggers, rig in loggers and make Run #1 sti/mda/neutron/sped/gamma. Loggers tag bottom at 1511m at 22:50 hr.

Operations Next Report Period

Complete logging program. Rig out loggers. Trip in and condition hole for casing. Trip out and lay down drill string. Run 139.7mm production casing.

Remarks

Tight hole on wiper trip #1 Tooh from 1470m - 1405m and on wiper trip #1 Tih from 1032m - 1039m. Hole good on wiper trip #2. Fill on bottom after wiper trip #2 was a soft 4m. Strap result was 1520.11m. Temperature - daylight high 6C night low 2C

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)
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DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

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 PIPE RAMS 3 SECS CLOSED
00:15	02:30	2.25	2.50	Drill	DRILL 1492M - 1520M
02:30	02:45	0.25	2.75	Deviation survey	DEVIATION SURVEY 1517M @ 0.50 DEG.
02:45	03:00	0.25	3.00	Condition mud & circulate	CONDITION MUD & CIRCULATE BOTTOMS HOLE SAMPLE
03:00	03:45	0.75	3.75	Condition mud & circulate	PUMP OUT 4 SINGLE TO 1470M, WASH TO BTM, 1M FILL
03:45	04:45	1.00	4.75	Condition mud & circulate	CONDITION MUD & CIRCULATE HOLE CLEAN
04:45	06:00	1.25	6.00	Trips	WIPER TRIP TO SHOE, PIPE SPINNER OUT, FLOW CHECK 1508M, 1431M, 760M
06:00	06:15	0.25	6.25	Safety meeting	CREW CHANGE MEETING
06:15	07:30	1.25	7.50	Trips	WIPER TRIP TO SHOE, FLOW CHECK @380M
07:30	08:00	0.50	8.00	Cut off Drill Line	CUT OFF DRILL LINE
08:00	08:45	0.75	8.75	Trips	TRIPS, RIH,FC @ 380,820M
08:45	09:00	0.25	9.00	Condition mud & circulate	FILL DRILL PIPE
09:00	10:15	1.25	10.25	Trips	TRIPS, RIH, FC @ 1478M
10:15	11:00	0.75	11.00	Ream & Clean	REAM & CLEAN BRIDGE AT 1478M. WASH TO BOTTOM
11:00	13:15	2.25	13.25	Condition mud & circulate	CIRCULATE HOLE CLEAN
13:15	15:45	2.50	15.75	Trips	TRIPS, WIPER # 2 TO 1025M,FC @ 1508,1444,1030,1508M
15:45	16:30	0.75	16.50	Condition mud & circulate	CIRCULATE HOLE CLEAN
16:30	16:45	0.25	16.75	Rig Service	RIG SERVICE, FUNCTIONED PIPE RAMS C/O 5 SECONDS
16:45	18:00	1.25	18.00	Trips	TRIPS, POOH TO LOG,FC @ 1508,1444M



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

**Business Unit: NE BC & NWT COU
Rig: 346 Precision Drilling**

**Report For: 3/1/2010
Report #: 11.0
Depth Progress: 28.00**

**Total AFE Amount: 1,523,728.00
AFE Number: 09N010007
Daily Cost: 32,257
Cum Cost to Date: 617,245**

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 8.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
18:00	18:15	0.25	18.25	Safety meeting	CREW CHANGE MEETING
18:15	20:00	1.75	20.00	Trips	TRIPS, FC @ 734,206M,OUT OF HOLE.
20:00	20:30	0.50	20.50	Trips	TRIPS TO LOG, HOLEFILL=8.38M/3, CALC=6.15M/3, STRAP=1520.10M, TALLY=1520.0M.
20:30	20:45	0.25	20.75	Rig Service	RIG SERVICE FUNCTION BLINDRAMS 4 SECS CLOSED
20:45	21:00	0.25	21.00	Safety meeting	SAFETY MEETING WEATHERFORD WIRELINE LOGGING
21:00	00:00	3.00	24.00	Wireline logs	WIRELINE LOGS #1 STI/MDA/NEUTRON/SPED/GAMMA, TAG BOTTOM @ 1511.0M @ 22:50 HRS.

MUD CHECKS

Low Gravity Solids (%) 5.6	MBT (kg/m³) 40	Oil Water Ratio	Chlorides (mg/L) 1,500	Calcium (mg/L) 120	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m³) 1178.0	Sand (%)	Solids (%) 5.6	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 846	Mud Cum To Date 38,105		
Depth (mKB) 1,520.15	Density (kg/m³) 1090.0	Funnel Viscosity (s/L) 77	pH 11.0	PV Override (cp) 28.0	YP Override (Pa) 21.500	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
CAUSTIC SODA	11.36	2.0
ULTRA PAC R	203.10	4.0
CAUSTIC SODA	11.36	1.0

MUD PUMPS

Pump Number 1	Rod Diameter (mm)	Pump Rating (kW)
Pressure (kPa) 3,069	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa) 1,300	Slow Speed Check? Yes	Strokes (spm) 69
Pressure (kPa)	Slow Speed Check? No	Strokes (spm) 0
Pump Number 2	Rod Diameter (mm)	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 VAREL	Model VTD513HX	Serial Number 4001141	IADC Codes M-2-2-2
Nozzles (mm) 8.7/8.7/8.7/8.7/8.7/...	Depth In (mKB) 391.15	Depth Out (mKB) 1,520.15	Depth Drilled (m) 1,129.00	Drilling Time (hrs) 72.00	BHA ROP (m/hr) 15.7	IADC Bit Dull 1-1-CT-N-X-0-WT-...

DRILL STRING COMPONENTS

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)
Drill pipe - Stands			68	1,292.36	1,489.83
Drill pipe - Singles			1	9.50	197.47
HWDP		133.0	6	55.77	187.97
X/O		152.0	1	0.30	132.20
DC (6.25 IN)		158.0	8	72.16	131.90
JARS-HYD/MECH		166.0	1	5.20	59.74
SHORT DRILL COLLAR		166.0	1	4.61	54.54
DC (6.25 IN)		158.0	5	46.24	49.93
TELEDRIFT		154.0	1	2.47	3.69
BIT SUB		161.0	1	0.91	1.22



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/1/2010

Report #: 11.0

Depth Progress: 28.00

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 32,257

Cum Cost to Date: 617,245

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 8.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

DRILLING SUMMARY

Depth Start (mKB) 1,492.15	Depth End (mKB) 1,520.15	ROP Instantaneous (min/m)	Weight on Bit (daN) 7,000	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) 2.25		

SAFETY CHECKS

Date	Type	Description
3/1/2010	Safety Meeting	WIRELINE LOGS
3/2/2010	Safety Meeting	TRIPPING

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)
3/1/2010	1,517.15	0.50	0.00	1,517.07	15.42	0.00	15.42	0.00

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Wabamun Grp	583.00	582.98
Fort Simpson	757.00	757.00



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/2/2010

Report #: 12.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 154,994

Cum Cost to Date: 772,239

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 9.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
Weather Overcast	Temperature (°C) 2	Lease Condition Frozen / Ice/ Standing Water	

Operation at 6am

Wait on cement and cementers due to road closure

Operations Summary

Complete open hole logging program with Weatherford Run #1 sti/mda/neutron/sped/gamma. Rig out loggers. Trip in the hole to 1496m. Wash light fill from 1510m - 1520m. Circulate and condition hole to run casing. Trip out of hole and lay down drill string. Rig up floor to run to run production casing. Run 122 joints of 139.7mm, J-55, 20.83kg casing to 1514m. Wash casing to bottom at 1520m. Circulate and condition hole at 1518m for cementing while waiting on Sanjel cementers due to road closure.

Operations Next Report Period

Wait on cementers due to road closure. Cement 139.7mm casing. WOC. Set slips and install wellhead. Release rig.

Remarks

Hole good on trip out. Drilling fluid is starting to develop a smell. Chemcide ordered for delivery tomorrow morning. Roads from plant north to rig locations deteriorated. Location B-09 snow cover deteriorated. Temperature day high 7C night low 2C.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	03:30	3.50	3.50	Wireline logs	WIRELINE LOGS #1 STI/MDA/NEUTRON/SPED/GAMMA
03:30	03:45	0.25	3.75	Rig Service	RIG SERVICE FUNCTION BLINDRAMS OUT OF HOLE - 4 SECS CLOSED
03:45	06:00	2.25	6.00	Trips	TRIPS IN BIT #3RR, FLOW CHECK 204M, 759M, FILL PIPE
06:00	06:15	0.25	6.25	Safety meeting	CREW CHANGE MEETING
06:15	08:00	1.75	8.00	Trips	TRIPS IN BIT #3RR FC @ 1095,1496M
08:00	08:15	0.25	8.25	Rig Service	RIG SERVICE, FUNCTIONED PIPE RAMS C/O 5 SECONDS
08:15	09:15	1.00	9.25	Condition mud & circulate	CONDITION MUD & CIRCULATE
09:15	14:30	5.25	14.50	Trips	TRIPS, LAY DOWN STRING, FC @ 1508,1444,760,130,0M
14:30	14:45	0.25	14.75	Safety meeting	SAFETY MEETING WITH TOTAL DEPTH POWER TONGS
14:45	18:00	3.25	18.00	Run casing	RIG IN AND RUN CASING
18:00	18:15	0.25	18.25	Safety meeting	SAFETY MEETING -CREW CHANGE
18:15	18:45	0.50	18.75	Run casing & cementing	RUN 139.7MM CASING
18:45	19:45	1.00	19.75	Condition mud & circulate	FILL PIPE & CIRCULATE CASING @ 1030M
19:45	20:00	0.25	20.00	Run casing & cementing	RUN 139.7MM CASING
20:00	21:00	1.00	21.00	Run casing & cementing	RUN CASING
21:00	00:00	3.00	24.00	Condition mud & circulate	CONDITION MUD & CIRCULATE CASING, WAIT ON CEMENTERS



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/2/2010

Report #: 12.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 154,994

Cum Cost to Date: 772,239

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30		Rig Release Date 3/3/2010 11:59:59 PM	DFS: 9.48 days
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

MUD CHECKS						
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
			1,500	350		
Electric Stab (V)	ECD - Manual Entry (kg/m³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
	1129.0		5.0			
Active Mud Volume (Surf) (m³)	Mud Lost to Hole (m³)	Cum Mud Lost to Hole (m³)		Daily Mud Cost	Mud Cum To Date	
				786	38,891	
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	
1,518.15	1080.0	60	11.0	22.0	11,000	

MUD ADDITIVES		
Description	Cost (/unit)	Consumed
DESCO CF	80.46	1.0
ALKAPAM A1103D	211.93	2.0
ENVIROFLOC	43.63	3.0
TKPP	150.51	1.0

MUD PUMPS			
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
1			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	0	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	75	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	69	
Pump Number	Rod Diameter (mm)	Pump Rating (kW)	
2			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	0	
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)
	No	0	
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
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
3/2/2010	Safety Meeting	RUN CASING
3/3/2010	Safety Meeting	DRIVING TO/FROM LOCATION

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	583.00	582.98



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/2/2010

Report #: 12.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 154,994

Cum Cost to Date: 772,239

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 9.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

FORMATIONS

Formation Name	Drill Top MD (mKB)	Drill Top TVD (mKB)
Fort Simpson	757.00	757.00
Beaverhill Lake Fm		



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/3/2010

Report #: 13.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 108,743

Cum Cost to Date: 880,982

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 10.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
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Weather Overcast	Temperature (°C) -3	Lease Condition Frozen / Ice/ Poor Ice Cover
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Operation at 6am

Rigging out.

Operations Summary

Circulate and condition hole while waiting on Sanjel cementers due to road closure. Cool cement water. Rig in Sanjel and cement casing with 27 tonne of Thixlite plus 0.4% LTR mixed at 1507 kg/m3 lead cement from 1000m to surface and 9 tonne of Expandomix LWL plus 0.15% CFL-3 plus 0.3% LTR mixed at 1770 kg/m3 tail cement from 1518m - 1000m. Displaced with 19.2m2 H2O. Good returns throughout, 2m3 good cement returns. Did not bump plug. Annulus static after job. WOC. Rig out BOP equipment. Set casing slips with 30 daN. Install seal and wellhead bottom section. Test seal to 16800kpa. Install wellhead top section. Clean tanks, strip mud, and rig down for move. Rig released at 24:00hr

Operations Next Report Period

Rig Down. Wait for night to move equipment off location

Remarks

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
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Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)
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DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

TIME LOG SUMMARY

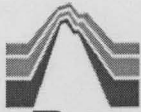
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
00:00	00:15	0.25	0.25	Rig Service	RIG SERVICE FUNCTION ANNULAR 7 SECS CLOSED
00:15	08:00	7.75	8.00	W/O Cementer	W/O CEMENTER - CIRCULATE CASING
08:00	09:00	1.00	9.00	W/O Cementer	W/O CEMENTER
09:00	10:00	1.00	10.00	Other	CEMENTERS RIGGING IN THEIR LINES
10:00	10:15	0.25	10.25	Safety meeting	SAFETY MEETING WITH SANJEL CEMENTING SERVICES
10:15	12:15	2.00	12.25	Condition mud & circulate	CIRCULATE AND COOL WATER FOR CEMENT JOB
12:15	14:00	1.75	14.00	Cementing	CEMENTING CASING
14:00	18:00	4.00	18.00	Wait on cement	WAIT ON CEMENT
18:00	20:00	2.00	20.00	Nipple down BOPs	NIPPLE DOWN BOPS, SET SLIPS, CUT CASING, LAY OUT BOP STACK
20:00	22:00	2.00	22.00	Install wellhead/tree	INSTALL WELLHEAD/TREE
22:00	00:00	2.00	24.00	Tear down	TEAR DOWN RIG, SPOT LOADS ON SIDE OF LEASE WAIT ON FROST

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) 1129.0	Sand (%)	Solids (%) 5.0	Temp Bottom Hole (°C) 50	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 4,261	Mud Cum To Date 43,152		
Depth (mKB) 1,520.00	Density (kg/m³) 1080.0	Funnel Viscosity (s/L) 50	pH	PV Override (cp) 22.0	YP Override (Pa) 11.000	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
ALKAPAM A1103D	211.93	1.0
ENVIROFLOC	43.63	6.0
ALKAPAM A1103D	211.93	2.0



Paramount
resources ltd.

Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/3/2010

Report #: 13.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 108,743

Cum Cost to Date: 880,982

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 10.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
ENVIROFLOC	43.63	6.0
MF-VIS	500.33	5.0
T-352 BIOCIDE	600.00	1.0

MUD PUMPS

Pump Number		Rod Diameter (mm)		Pump Rating (kW)	
1					
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)		
	No	69			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)		
5,000	Yes	69			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)		
	No	0			
Pump Number		Rod Diameter (mm)		Pump Rating (kW)	
2					
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)		
	No	0			
Pressure (kPa)	Slow Speed Check?	Strokes (spm)	Volumetric Efficiency (%)		
	No	0			
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
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
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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	583.00	582.98
Fort Simpson	757.00	757.00
Beaverhill Lake Fm		



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/4/2010

Report #: 14.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 33,857

Cum Cost to Date: 914,838

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 11.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
Weather	Temperature (°C)	Lease Condition Frozen / Ice/ Poor Ice Cover	

Operation at 6am

Haul rig loads to Grimshaw rack site

Operations Summary

Rig down and spot loads on edge of location. Haul rental loads to camp staging area. Wait on weather for roads.

Operations Next Report Period

Move Rig 436 off location. Release all rig crews

Remarks

Road conditions look like they will hold for the rig move.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
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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 212	Mud Cum To Date 43,363		
Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
SULPHAMIC ACID	65.57	2.0
DESCO CF	80.46	1.0

MUD PUMPS

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

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/4/2010

Report #: 14.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 33,857

Cum Cost to Date: 914,838

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 11.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

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
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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	583.00	582.98
Fort Simpson	757.00	757.00
Beaverhill Lake Fm		



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/5/2010

Report #: 15.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 39,550

Cum Cost to Date: 954,388

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 12.48 days	
Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60	KB-Casing Flange Distance (m) 3.90	

Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
Weather	Temperature (°C)	Lease Condition Frozen / Ice/ Poor Ice Cover	

Operation at 6am

All rental returns completed.

Operations Summary

Load out Rig 436 for Grimshaw rack site. All rig loads off location at 06:00 hr. Hauled 146m³ of stripped drilling fluid to CCS Rainbow. Returned all mud product to Formula Powell warehouse in High Level. Precision rig crew released at 07:00hr for return flight from High Level.

Operations Next Report Period

Load and move all Rig 436 rental equipment from camp staging area.

Remarks

Incident involving Formula Powell Unit #2111. Truck was transporting 24m³ of stripped drilling fluid, went of road approxiametly 40km from H-03 turn towards High Level and rolled over on the left side. The driver was taken by ambulance to High Level hospital and was released. Formula Powell removed the material from the tank and transported it to CCS Rainbow.

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS

Title Drilling Supt	Job Contact DICK HEENAN	Phone Mobile 403-818-4408
Title Rig Manager	Job Contact TERRY SCHAUFERT	Phone Mobile 403-382-8968
Title Drilling Foreman	Job Contact JOHN WILLIAMS	Phone Mobile 405-451-7082

TIME LOG SUMMARY

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 2	Comment
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MUD CHECKS

Low Gravity Solids (%)	MBT (kg/m ³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m ³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (kg/m ³)	Sand (%)	Solids (%)	Temp Bottom Hole (°C)	HTHP Pressure (kPa)	HTHP Filtrate (mL/30min)
Active Mud Volume (Surf) (m ³)	Mud Lost to Hole (m ³)	Cum Mud Lost to Hole (m ³)	Daily Mud Cost 6,769	Mud Cum To Date 50,132		
Depth (mKB)	Density (kg/m ³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)	

MUD ADDITIVES

Description	Cost (/unit)	Consumed
ALKAPAM A1103D	211.93	2.0
BARITE	22.29	13.0
GEL	14.69	6.0
CALCIUM CARBONATE 325	11.36	17.0
ENVIROFLOC	43.63	5.0
HYPERDRILL AF 247RD	221.55	2.0
SHURE SHALE	354.74	14.0
STARDRIL	146.16	1.0

MUD PUMPS

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



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/5/2010

Report #: 15.0

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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
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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	583.00	582.98
Fort Simpson	757.00	757.00
Beaverhill Lake Fm		



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

Report For: 3/6/2010

Report #: 16.0

Depth Progress:

Total AFE Amount: 1,523,728.00

AFE Number: 09N010007

Daily Cost: 293,984

Cum Cost to Date: 1,248,372

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Spud Date 2/21/2010 12:30	Rig Release Date 3/3/2010 11:59:59 PM	DFS: 13.48 days	
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Daily Operations

Depth Start (mKB)	Depth End (mKB)	Target Formation Sulphur Point	Target Depth (mKB) 1,510.00
Weather	Temperature (°C)	Lease Condition Frozen / Ice/ Poor Ice Cover	

Operation at 6am

Operations Summary

Move out all rental equipment and remaining 33m3 of stripped fluid was transferred to Rig 245 tank farm. All equipment removed from 2B-09 location.

Operations Next Report Period

Final Report

Remarks

Avg Connection Gas (Units)	Avg Background Gas (Units)	Avg Trip Gas (Units)	Max H2S (Units)
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

DAILY CONTACTS

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

BIT SUMMARY

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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)		



Daily Drilling

Well Name: PARA ET AL CAMERON 2B-09

Business Unit: NE BC & NWT COU

Rig: 346 Precision Drilling

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SAFETY CHECKS

Date	Type	Description

SAFETY INCIDENTS

Date	Comment	Type

WELL CONTROL SUMMARY

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FORMATIONS

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Fort Simpson	757.00	757.00
Beaverhill Lake Fm		

CAPEC
Pason
V.1.2

CAPEC
Pason
V.1.2

CAPEC
Pason
V.1.2

CAPEC
Pason
V.1.2

FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Rig No. 436, Well Name: PARA ETAL CAMERON 2B-04, Surface Location: 42°08'N 09°11'W, Prov: NT, Lic: 3028096101117300, Date: 2010-02-20										1) Daily Walk Around Inspection, 2) H2S Safety Periodic of Requalified, 3) H2S Safety Periodic of Requalified, 4) H2S Safety Periodic of Requalified, 5) H2S Safety Periodic of Requalified, 6) H2S Safety Periodic of Requalified, 7) H2S Safety Periodic of Requalified, 8) H2S Safety Periodic of Requalified, 9) H2S Safety Periodic of Requalified, 10) H2S Safety Periodic of Requalified										Rig: 436, Fuel: 436, Fuel: 436, Fuel: 436, Fuel: 436, Fuel: 436, Fuel: 436, Fuel: 436, Fuel: 436, Fuel: 436										Category: DC, Thread Type: 4.5in JH, Grade: DC, OD (mm): 150, ID (mm): 50, Linear Mass (kg/m): 122.3200, No. of Joints: 16, Total Length (m): 156.00										No.: 1, Make: EMSCO, Stroke Length (mm): 220, Description: LOADER, Hours: 24.00										No.: 2, Make: EMSCO, Stroke Length (mm): 220, Description: CREW TRUCK, Hours: 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FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																			
Your Sheet Serial Number: 0152436_20100222_P08P Vendor Software Version: 2010 02 22										1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly Flaring Check List 3) HSE Sign Posting & Normalized 4) HSE License & Check Diagram Posted 5) HSE Line Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Disposer Lines										Rig 207 Boiler Op Fuel Weather Time 06:00 Temp -15 Current Conditions PARTLY CLOUDY Wind Direction SW Wind Strength UP TO 16 KM/H Avalanche Condition FAIR										Category Thread Type Grade OD (mm) ID (mm) Linear Mass (kg/m) No. of Joints Total Joint OD (mm) DC 4.5in XH DC 158 54 122.3200 16 158.00 HW 4in FH HWDP 133 52 41.6200 16 133.00 DP 4in FH SS95 133 52 23.3000 205 133.00										No. Make Stroke Length (mm) 1 EMSCO 229 2 EMSCO 229										Description Hours LOADER 24.00 CREW TRUCK 24.00																			
Rig No. Well Name Surface Location Prov Loc Type Unique Well ID 435 PARA ETAL CAMERON 25-04-02-06-01-00-00-00-00 NT LOC 3022098101117300 4										Licence No. Operator Contractor Precision Drilling, DIV of PDC 1221 PARAMOUNT RESOURCES LTD. Operator's A/E Signature of Operator Representative Signature of Contractor's Rig manager HALE YARDLEY TERRY SCHAUFERT										Serial No. Well Type No-Entry 250982 VERT Spud Date 2010/02/21 Time 12:30 Rig Release Date 2010/02/21 Time 12:30																																																	
TOUR 1										SIGNATURE OF DRILLER										MIKE KEMICK										START TIME										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) 1 BIT 311 0.31 2 DC (6.00 IN) 194 72 17.05 1 TELEDRIFT 154 71 2.47 5 DC (6.25 IN) 155 60 46.24 1 SHURT DRILL COLLAR 166 64 4.61 1 JARS-HYDMECH 163 74 5.21 7 DC (6.25 IN) 155 60 63.16 1 X/O 151 61 0.30										BIT Number 1 RR Size (mm) 311 MDC Code Manufacturer VAREL Type HEQ4.MRSV Serial No. 250982 Jct (mm) 12.7 12.7 12.7 12.7 Depth Out (m) 145 Depth In (m) 28 Total Drilled (m) 117 Rig Run Today 3.00 Cumulative Rig Run 19.00 Entry Date 2010/02/21										Mud Type Water G O S Other Time 02:00 05:00 06:00 Density (kg/m³) 1030 1030 1070 Funnel Viscosity (cP) 43 44 44 Fluid Loss (cm) 0 0 0 pH 8 8 8 Location SHAKER SHAKER SHAKER Depth (m) 100 114 126 PVT (m) 45 44 44										Product Amount Type SODA ASH 8 SX GEL 48 SX SAWDUST 8 SX MF VIS 1 SX										From (m) To (m) D-R-C RPM WOB (kN) 105 145 DRILL 130 4										Hole Drag Up (kN) 1 Hole Drag Down (kN) 1 Torque at Bottom (Nm) Fill on Bottom (m)										From To elapsed Code 00:00 00:15 0.257 RIG SERVICE 00:15 02:30 2.253A REAM & CLEAN TIGHT HOLE DUE GRAVEL STRINGER 02:30 03:45 1.253B CONDITION MUD & CIRCULATE BRING VIS UP TO 809M. TO CLEAN GRAVEL OUT OF TIGHT HOLE 03:45 04:45 1.003A REAM & CLEAN TIGHT HOLE DUE TO GRAVEL 04:45 06:15 1.502B DRILL 311MM HOLE FROM 105 METERS TO 123M 06:15 06:30 0.2510 DEVIATION SURVEY 105M @ 0.50 DEG 06:30 08:00 1.502C DRILL 123M - 145M									
0 Drill Pipe Stands (m) 0.00 0 Drill Pipe Shingles (m) 0.00 Weight of DC (kN) 19 Kelly Down (m) 5.65 Weight of string (kN) 23 Total (m) 145.00										DULL GRADE T Gauge (mm) 0.00 F ODC MDC Reason Pulled LOC Total Run (m/h) 11.70 BRS										SAFETY Safety Topic MEHL (kN) MACP (kN) MIXING CHEMICALS										REDUCED PUMP SPEED No. Pressure (kPa) Strokes/min Depth (m) 1 152 85 4800 8.00 2 152 85 4800 8.00										BOILER No. Hours Run pH Stack Temp (°C) 165 8.00 10.0 375.00										DEVIATION SURVEYS Time Depth (m) Deviation Direction Type 06:15 105.00 0.5 0 TELEDRIFT										Remarks: BOILER BLOWN TWICE FUNCTION CROWN SAVER STABBING VALVE IS OPEN VISUALLY INSPECTED BRAKE LINKAGES									
TOUR 2										SIGNATURE OF DRILLER										JUSTIN COURTORELLE										START TIME										END TIME										20:00																			
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG									
No. Component OD (mm) ID (mm) Length (m) 1 BIT 311 0.31 2 DC (6.00 IN) 194 72 17.05 1 TELEDRIFT 154 71 2.47 5 DC (6.25 IN) 155 60 46.24 1 SHURT DRILL COLLAR 166 64 4.61 1 JARS-HYDMECH 163 74 5.21 8 DC (6.25 IN) 155 60 72.16 1 X/O 151 61 0.30 6 HWDP (4.0 IN) 102 68 55.77										BIT Number 1 RR Size (mm) 311 MDC Code Manufacturer VAREL Type HEQ4.MRSV Serial No. 250982 Jct (mm) 12.7 12.7 12.7 12.7 Depth Out (m) 197 Depth In (m) 28 Total Drilled (m) 169 Rig Run Today 3.50 Cumulative Rig Run 19.50 Entry Date 2010/02/21										Mud Type Water G O S Other Time 08:00 10:00 12:00 Density (kg/m³) 1070 1060 1070 Funnel Viscosity (cP) 44 50 48 Fluid Loss (cm) 0 0 0 pH 8 8 8 Location SHAKER SHAKER SHAKER Depth (m) 146 160 197 PVT (m) 42 44 43										Product Amount Type SAWDUST 27 SX SHURE SHALE 3 PAIRS HYPERDRILL 247 2 SX SULFAMIC ACID 1 SX TKPP 1 SX DETERGENT 1 PAIRS CALCIUM NITRATE 3 SX ALKAPAM 1103RD 1 SX										From (m) To (m) D-R-C RPM WOB (kN) 145 215 DRILL 125 6 215 254 DRILL 150 7										Hole Drag Up (kN) 1 Hole Drag Down (kN) 1 Torque at Bottom (Nm) Fill on Bottom (m)										From To elapsed Code 08:00 08:15 0.252 DRILL 145M - 151M 08:15 08:30 0.2510 DEVIATION SURVEY 138M @ 0.5 DEG 08:30 08:45 0.257 RIG SERVICE FUNCTION ANNULAR 10 SECS CLOSED 08:45 10:45 2.002 DRILL 151M - 178M 10:45 11:15 0.5010 DEVIATION SURVEY 169M @ 0.50 DEG 11:15 12:30 1.252 DRILL 178M - 197M 12:30 13:00 0.5015 CIRCULATE CLEAN HOLE 13:00 15:30 2.506 TRIPS BIT #1 - FLOW CHECK 185M. HOLEFILL - 3.05M³, CALC - 2.60M³, RH BIT #2 15:30 15:45 0.2515 WASH TO BITM F/185M - 197M, 1M FILL 15:45 17:00 1.252 DRILL 197M - 216M 17:00 17:15 0.2510 DEVIATION SURVEY 198M @ 1.0 DEG 17:15 17:30 0.257 RIG SERVICE 17:30 18:45 2.257 DRILL 216M - 254M Remarks: FUNCTION CROWN SAVER, CHECK BRAKE LINKAGE BOILER BLOWN DOWN X2 REVIEW DAILY SAFETY MEETING, HANDLING STEAM TUBULARS.									
2 Drill Pipe Stands (m) 38.03 0 Drill Pipe Shingles (m) 0.00 Weight of DC (kN) 20 Kelly Down (m) 11.89 Weight of string (kN) 25 Total (m) 254.16										DULL GRADE T Gauge (mm) 0.00 F ODC MDC Reason Pulled PL LOC Total Run (m/h) 12.52 BRS										SAFETY Safety Topic MEHL (kN) MACP (kN) SLIPS TRIPS & FALLS										REDUCED PUMP SPEED No. Pressure (kPa) Strokes/min Depth (m) 1 152 85 6100 5.00 2 152 85 6100 5.00										BOILER No. Hours Run pH Stack Temp (°C) 165 12.00 10.0 325.00										DEVIATION SURVEYS Time Depth (m) Deviation Direction Type 08:15 133.00 0.5 0 TELEDRIFT 11:30 160.00 0.5 0 TELEDRIFT 17:00 198.00 1.0 0 TELEDRIFT 18:15 225.00 0.5 0 TELEDRIFT										Remarks: BOILER BLOWN DOWN X2 REVIEW DAILY SAFETY MEETING, HANDLING STEAM TUBULARS.									
TOUR 3										SIGNATURE OF DRILLER										MIKE KEMICK										START TIME										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) 1 BIT 311 0.31 2 DC (6.00 IN) 194 72 17.05 1 TELEDRIFT 154 71 2.47 5 DC (6.25 IN) 155 60 46.24 1 SHURT DRILL COLLAR 166 64 4.61 1 JARS-HYDMECH 163 74 5.21 8 DC (6.25 IN) 155 60 72.16 1 X/O 151 61 0.30 6 HWDP (4.0 IN) 102 68 55.77										BIT Number 2 Size (mm) 311 MDC Code Manufacturer VAREL Type HEQ4.MRSV Serial No. 254618 Jct (mm) 11.1 11.1 11.1 12.7 15.0 Depth Out (m) 311 Depth In (m) 197 Total Drilled (m) 114 Rig Run Today 2.25 Cumulative Rig Run 9.75 Entry Date 2010/02/22										Mud Type Water G O S Other Time 21:00 23:00 Density (kg/m³) 1060 1060 Funnel Viscosity (cP) 45 38 Fluid Loss (cm) 7.0 7.0 pH 8 8 8 Location SHAKER SHAKER Depth (m) 263 292 PVT (m) 43 45										Product Amount Type ALKAPAM 1103RD 1 SX DETERGENT 1 SX HYPERDRILL 247 1 SX DAPP 1 SX MF VIS 1 SX SAWDUST 10 SX										From (m) To (m) D-R-C RPM WOB (kN) 254 311 DRILL 150 6										Hole Drag Up (kN) 1 Hole Drag Down (kN) 1 Torque at Bottom (Nm) Fill on Bottom (m)										From To elapsed Code 20:00 22:15 2.257 DRILL 311MM HOLE FROM 254 METERS TO 301 METERS 22:15 22:45 0.505D WORK PIPE ON CONNECTIONS 22:45 23:00 0.257A CLEAN SUCTION SCREENS 23:00 23:30 0.502C DRILL 311MM HOLE FROM 301 METERS TO 311 METERS 23:30 24:00 0.5010 DEVIATION SURVEY (ACCUMULATED)									
5 Drill Pipe Stands (m) 85.13 0 Drill Pipe Shingles (m) 0.00 Weight of DC (kN) 20 Kelly Down (m) 11.99 Weight of string (kN) 24 Total (m) 311.24										DULL GRADE T Gauge (mm) 0.00 F ODC MDC Reason Pulled LOC Total Run (m/h) 11.58 BRS										SAFETY Safety Topic MEHL (kN) MACP (kN) TRIPPING IN HOLE/ISE ALERT 2009-103 CW										REDUCED PUMP SPEED No. Pressure (kPa) Strokes/min Depth (m) 1 152 85 7975 4.00 2 152 85 7975 4.00										BOILER No. Hours Run pH Stack Temp (°C) 165 4.00 9.5 325.00										DEVIATION SURVEYS Time Depth (m) Deviation Direction Type 21:30 255.00 0.5 0 TELEDRIFT										Remarks: FUNCTIONED CROWN SAVER, BLOW BOILER 1X REVIEWED POTENTIAL HAZARDS (PARAMOUNT) VISUALLY INSPECTED BRAKES AND LINKAGES									



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FRONT PAGE SUMMARY										DAILY CHECKS										FUEL @ 08:00 HOURS										DRILL PIPE										MUD PUMPS										GENERAL EQUIPMENT & SERVICES																																																																																																													
Your Sheet Serial Number: 052436, 20100225, 1A, Pason										Vendor Software Version: 2010, 02, 25										1) Daily Well Around Inspection										2) Detailed Inspection - Weekly (Using Check List)										3) H2S Sensor Periodic & Recalibrated										4) Well Services & Slips Diagram Posted										5) Flare Lines Staged										6) BOP Drill Performance										7) Visually Inspected BOPs - Flare Lines & Depressur Lines										1) Category: 1, Thread Type: 4.5in XH, Grade: DC, OD (mm): 158, ID (mm): 58, Linear Mass (kg/m): 122.3200, No. of Joints: 16, Tool Joint OD (mm): 158.00										2) Category: 1, Thread Type: 4in FH, HWDP, 133, 62, 41.6000, 16, 133.00										3) Category: 1, Thread Type: 4in FH, SS95, 133, 62, 23.3000, 205, 133.00										1) No.: 1, Make: EMSCO, Stroke Length (mm): 229										2) No.: 2, Make: EMSCO, Stroke Length (mm): 229										Description: LOADER, Hours: 24.00										Description: CREW TRUCK, Hours: 24.00									
Rig No.: 436, Well Name: PARA ET AL CAMERON 18-0, Surface Location: 260100.00N 117.31-00.00W, Prev Loc Type: Unexpl Well H, Unexpl Well H, Kelly Bushing: 4										Licence No.: 1221, Operator: PARAMOUNT RESOURCES LTD, Contractor: PRECISION DRILLING, DIV OF PDC, Operator's A/E: Contractor's Job No.: 532, Signature of Operator Representative: JOHN WILLIAMS, Signature of Contractor's Rig manager: TERRY SCHAUFERT, Well Type: VERT, Spool Date: 2010/02/21, Time: 12:30, Rig Release Date: Time:										1) Rig Size Health & Safety Meeting (one/week/month)										2) CADC Rig Safety Inspection Checklist (one/d/month)										3) Mast Inspection before Raising or Lowering										4) Crown Saver Checked										5) Motor Kills Checked										Current Conditions: LIGHT SNOW, Wind Direction: NE, Wind Strength: UP TO 19 KM/H, Read Condition: FAIR										Category: 1, Hole: SURFACE, Grade: BTAG, J-55, OD (mm): 219, ID (mm): 35.70, Linear Mass (kg/m): 26, No. of Joints: 26, Total Length (m): 392, KB to CSG Head (m): 4, KB to CSG Bottom (m): 391										No.: 1, Size: 180, Changed: 1, New: 180, Size: 180, Changed: 1, New: 180, Size: 120, Changed: 1, New: 120, Size: 120, Changed: 1, New: 120, Size: 84, Changed: 1, New: 84																																																																					

TOUR 1										SIGNATURE OF DRILLER										JUSTIN COURTOIRELLE										START TIME										END TIME																																																																																																																																																																									
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG																																																																																																																																																					
No.: 1, Component: BIT, OD (mm): 200, ID (mm): 161, Length (m): 0.31										BIT Number: 200, Size (mm): 200, MDC Code: M 2 2 2, Manufacturer: VAREL, Type: VTD513HX, Serial No.: 4001141, Joints (mm): 8.7, 8.7, 8.7, 8.7, Depth Out (m): 391, Total Drilled (m): 52, Hrs Run Today: 2.75, Cumulative Hrs Run: 2.75, Entry Date: 2010/02/25										Mud Type: Water, L: 1, G: 0, O: 0, Other: 0, Density (kg/m³): 1600, Funnel Viscosity (cP): 1910, Fluid Loss (cm³): 30, pH: 12, Location: SHAKER, Depth (m): 391, PVT (m³): 8, Solids Control: Equipment Name: UNITED OILFIELD, Hours Run: 12.00, Intake Density (kg/m³): 1010, Over Flow Density (kg/m³): 1000, Under Flow Density (kg/m³): 1580, Safety: Safety Topic: MEHL (kg/m³) MACP (kg/m³) 3203										Product: SULPHAMIC ACID, Amount: 2, Type: SX, Product: CITRIC ACID, Amount: 5, Type: SX										From (m): 391, To (m): 446, D-R-C: DRILL, RPM: 75, WOB (kdaN): 2										Hole Drag Up (kdaN): 1, Hole Drag Down (kdaN): 1, Torque at Bottom (Nm): 1, Fill on Bottom (m): 1										From: 00:00, To: 05:00, Elapsed: 5.00, Code: 14, Details of Operations in Sequence & Remarks: NIPPLE UP BOP - GWT & WELD FLARE LINES TO FIT FLARE TANK																																																																																																																																																					
1) BIT SUB, 161, 0.91										1) DC (6.25 IN), 158, 46.24										1) JARS-HYDMECH, 166, 5.20										1) DC (6.25 IN), 158, 72.16										1) XJO, 152, 0.30										1) HWDP, 133, 55.77										1) WAITING ON PRESSURE TESTER										1) SAFETY MEETING WITH RANROW PRESSURE TESTING										1) TEST BOP TEST ANNUAL PREVENTER PIPE RAMS IN AND RAMS HCR CHOKE LINE AND VALVE INSIDE OUTSIDE KILL AND CHECK VALVE, MANIFOLD, UPPER AND LOWER KELLY										1) COOK STABBING VALVE, INSIDE B.O.P. ALL TESTS HELD TEN MINUTES 1400KPA LOW: 1400KPA HIGH (ANNULAR 10500KPA)										1) TRIPS, RIH										1) DRILL S/BOP, WELL SECURE IN 70 SECONDS										1) DRILL OUT CEMENT/DRILL FLOATSHOE, TAGGED CEMENT @ 375M										1) DRILL 200MM HOLE FROM 391 TO 408M										1) DEVIATION SURVEY 405M @ 0.50 DEG.										1) DRILL 408M - 427M										1) DRILL S/BOP, WELL SECURED IN SECS. FUNCTION MOTOR KILLS										1) VISUALLY INSPECTED CHOKE LINE, FLARE LINE, DEGASSER LINE, BOOIE LINE, FUNCTIONED MOTOR KILLS										1) BLOW BOILER 2X										1) FUNCTIONED CROWN SAVER, VISUALLY INSPECTED TONGS LINES, SLIPS, ELEVATORS										1) RESIDUAL MANIFOLD PRESSURE 800KPA									
13) Drill Pipe, 246.88										1) Drill Pipe, 0.00										1) Weight of DC (kg/m³), 22, Kelly Down (m), 11.05										1) Weight of string (kg/m³), 29, Total (m), 446.00										1) Gage (mm): 0DC, Reason Pulled: LDC, Total Run (m/h): 3203										1) Pressure (kg/m³): 1500, Strokes/min: 68, Depth (m): 428										1) No.: 1, Hours Run: 12.00, pH: 9.5, Stack Temp (°C): 375.00										1) Time: 18:00, Depth (m): 405.00, Deviation: 0.5, Direction: 0, Type: TELEDRIFT										1) Remarks: FUNCTION CROWNSAVER, CHECK BRAKE LINKAGE										1) BLOWER BLOWN DOWN 2																																																																																																																							

TOUR 2										SIGNATURE OF DRILLER										HAROLD RABY										START TIME										END TIME																																																																																																																																																																									
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG																																																																																																																																																					
No.: 1, Component: BIT, OD (mm): 200, ID (mm): 161, Length (m): 0.31										BIT Number: 200, Size (mm): 200, MDC Code: M 2 2 2, Manufacturer: VAREL, Type: VTD513HX, Serial No.: 4001141, Joints (mm): 8.7, 8.7, 8.7, 8.7, Depth Out (m): 391, Total Drilled (m): 52, Hrs Run Today: 2.75, Cumulative Hrs Run: 2.75, Entry Date: 2010/02/25										Mud Type: Water, L: 1, G: 0, O: 0, Other: 0, Density (kg/m³): 1600, Funnel Viscosity (cP): 1910, Fluid Loss (cm³): 30, pH: 12, Location: SHAKER, Depth (m): 391, PVT (m³): 8, Solids Control: Equipment Name: UNITED OILFIELD, Hours Run: 12.00, Intake Density (kg/m³): 1010, Over Flow Density (kg/m³): 1000, Under Flow Density (kg/m³): 1580, Safety: Safety Topic: MEHL (kg/m³) MACP (kg/m³) 3203										Product: SULPHAMIC ACID, Amount: 5, Type: SX, Product: CITRIC ACID, Amount: 5, Type: SX										From (m): 391, To (m): 446, D-R-C: DRILL, RPM: 75, WOB (kdaN): 2										Hole Drag Up (kdaN): 1, Hole Drag Down (kdaN): 1, Torque at Bottom (Nm): 1, Fill on Bottom (m): 1										From: 08:00, To: 10:00, Elapsed: 2.00, Code: 23, Details of Operations in Sequence & Remarks: WAITING ON PRESSURE TESTER																																																																																																																																																					
1) BIT SUB, 161, 0.91										1) DC (6.25 IN), 158, 46.24										1) JARS-HYDMECH, 166, 5.20										1) DC (6.25 IN), 158, 72.16										1) XJO, 152, 0.30										1) HWDP, 133, 55.77										1) WAITING ON PRESSURE TESTER										1) SAFETY MEETING WITH RANROW PRESSURE TESTING										1) TEST BOP TEST ANNUAL PREVENTER PIPE RAMS IN AND RAMS HCR CHOKE LINE AND VALVE INSIDE OUTSIDE KILL AND CHECK VALVE, MANIFOLD, UPPER AND LOWER KELLY										1) COOK STABBING VALVE, INSIDE B.O.P. ALL TESTS HELD TEN MINUTES 1400KPA LOW: 1400KPA HIGH (ANNULAR 10500KPA)										1) TRIPS, RIH										1) DRILL S/BOP, WELL SECURE IN 70 SECONDS										1) DRILL OUT CEMENT/DRILL FLOATSHOE, TAGGED CEMENT @ 375M										1) DRILL 200MM HOLE FROM 391 TO 408M										1) DEVIATION SURVEY 405M @ 0.50 DEG.										1) DRILL 408M - 427M										1) DRILL S/BOP, WELL SECURED IN SECS. FUNCTION MOTOR KILLS										1) VISUALLY INSPECTED CHOKE LINE, FLARE LINE, DEGASSER LINE, BOOIE LINE, FUNCTIONED MOTOR KILLS										1) BLOW BOILER 2X										1) FUNCTIONED CROWN SAVER, VISUALLY INSPECTED TONGS LINES, SLIPS, ELEVATORS										1) RESIDUAL MANIFOLD PRESSURE 800KPA									
13) Drill Pipe, 246.88										1) Drill Pipe, 0.00										1) Weight of DC (kg/m³), 22, Kelly Down (m), 11.05										1) Weight of string (kg/m³), 29, Total (m), 446.00										1) Gage (mm): 0DC, Reason Pulled: LDC, Total Run (m/h): 3203										1) Pressure (kg/m³): 1500, Strokes/min: 68, Depth (m): 428										1) No.: 1, Hours Run: 12.00, pH: 9.5, Stack Temp (°C): 375.00										1) Time: 18:00, Depth (m): 405.00, Deviation: 0.5, Direction: 0, Type: TELEDRIFT										1) Remarks: FUNCTION CROWNSAVER, CHECK BRAKE LINKAGE										1) BLOWER BLOWN DOWN 2																																																																																																																							

TOUR 3										SIGNATURE OF DRILLER										JUSTIN COURTOIRELLE										START TIME										END TIME																																																																					
DRILLING ASSEMBLY										BITS										MUD RECORD										MUD MATERIALS ADDED										METRES DRILLED										HOLE CONDITION										TIME LOG																																																	
No.: 1, Component: BIT, OD (mm): 200, ID (mm): 161, Length (m): 0.31										BIT Number: 200, Size (mm): 200, MDC Code: M 2 2 2, Manufacturer: VAREL, Type: VTD513HX, Serial No.: 4001141, Joints (mm): 8.7, 8.7, 8.7, 8.7, Depth Out (m): 391, Total Drilled (m): 144, Hrs Run Today: 3.75, Cumulative Hrs Run: 6.50, Entry Date: 2010/02/25										Mud Type: Water, L: 1, G: 0, O: 0, Other: 0, Density (kg/m³): 1600, Funnel Viscosity (cP): 1910, Fluid Loss (cm³): 30, pH: 8, Location: SHAKER, Depth (m): 453, PVT (m³): 15, Solids Control: Equipment Name: UNITED OILFIELD, Hours Run: 4.00, Intake Density (kg/m³): 1010, Over Flow Density (kg/m³): 1000, Under Flow Density (kg/m³): 1580, Safety: Safety Topic: MEHL (kg/m³) MACP (kg/m³) 3203										Product: HYPERDRILL AF 247RD, Amount: 1, Type: SX, Product: DETERGENT, Amount: 1, Type: PAILS, Product: SAWDUST, Amount: 1, Type: SX, Product: ALKAPAM A1103D, Amount: 1, Type: SX										From (m): 446, To (m): 535, D-R-C: DRILL, RPM: 95, WOB (kdaN): 2										Hole Drag Up (kdaN): 1, Hole Drag Down (kdaN): 1, Torque at Bottom (Nm): 1, Fill on Bottom (m): 1										From: 20:00, To: 21:30, Elapsed: 1.50, Code: 1502, Details of Operations in Sequence & Remarks: DRILL 446M - 484M																																																	
1) BIT SUB, 161, 0.91										1) DC (6.25 IN), 158, 46.24										1) JARS-HYDMECH, 166, 5.20										1) DC (6.25 IN), 158, 72.16										1) XJO, 152, 0.30										1) HWDP, 133, 55.77										1) DRILL 446M - 484M										1) DEVIATION SURVEY 481M @ 0.50 DEG										1) DRILL 484M - 535M										1) FUNCTION CROWNSAVER, CHECK BRAKE LINKAGE										1) BLOWER BLOWN DOWN 2									
13) Drill Pipe, 341.06										1) Drill Pipe, 0.00										1) Weight of DC (kg/m³), 22, Kelly Down (m), 8.62										1) Weight of string (kg/m³), 31, Total (m), 536.85										1) Gage (mm): 0DC, Reason Pulled: LDC, Total Run (m/h): 3203										1) Pressure (kg/m³): 1500, Strokes/min: 68, Depth (m): 428										1) No.: 1, Hours Run: 4.00, pH: 10.0, Stack Temp (°C): 325.00										1) Time: 21:30, Depth (m): 481.00, Deviation: 0.5, Direction: 0, Type: TELEDRIFT										1) Remarks: FUNCTION CROWNSAVER, CHECK BRAKE LINKAGE										1) BLOWER BLOWN DOWN 2																			

FRONT PAGE SUMMARY				DAILY CHECKS				FUEL @ 08:00 HOURS				DRILL PIPE				MUD PUMPS				GENERAL EQUIPMENT & SERVICES			
Job Sheet Number: 0152430_20100226_1A Person: 2010 02 26				1) Daily Well Around Inspection 2) Detailed Inspection - Visually Using Check List 3) HSE Signs Posted & Reinspected 4) Well Licence & Stock Diagram Posted 5) 75 Bar Line Checked 6) BOP Drills Performed 7) Visually Inspected BOP - Hare Lines & Discharge Lines				Rig: 83 Boiler: 9 Op Fuel: 0 Weather: Time: 05:30 Temp: -17 Current Conditions: LIGHT SNOW Wind Direction: SE Wind Strength: UP TO 19 KMPH Road Condition: FAIR				Category: Thread Type: Grade: OD (mm): ID (mm): Linear Mass (kg/m): No. of Joints: Total Joint OD (mm): DC: 4.5in XH DC: 156: 56: 122.3700: 16: 159.60: FW: 4in FH: RWDP: 138: 62: 41.6000: 16: 133.00: DP: 4in FH: SS95: 138: 62: 23.3000: 205: 133.00:				No.: Make: Stroke Length (mm): 1. EMSCO: 229: 2. EMSCO: 229:				Description: Hours: LOADER: 24.00: CREW TRUCK: 24.00:			
Licence No: Operator: Contractor: Well Type: Re-entry: VERT: ☐ 1221 PARAMOUNT RESOURCES LTD PRECISION DRILLING, DIV OF PDC Contractor's Job No: S32 Operator's AFE: S32 Signature of Operator Representative: Signature of Contractor's Rig manager: Rig Release Date: Time: JOHN WILLIAMS TERRY SCHAUFERT 2010/02/21 12:30																							

TOUR 1				SIGNATURE OF DRILLER				JUSTIN COURTORELLE				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 0.31 1 BIT SUB 161 0.91 1 TELEDRIFT 154 2.47 5 DC (6.25 IN) 158 46.24 1 SHORT DRILL COLLAR 166 4.61 1 JARS-HYDMECH 166 5.20 8 DC (6.25 IN) 158 72.16 1 X/O (6.25 IN) 152 0.30 8 HWDP 133 55.77				Bit Number: 3 Size (mm): 200 MDC Code: M 2 2 2 Manufacturer: VAREL Type: VTD513HX Serial No: 4001141 Jars (mm): 8.7 8.7 8.7 8.7 Depth Out (m): 8.7 8.7 8.7 Depth In (m): 381 Total Drilled (m): 263 Hrs Run Today: 7.25 Cumulative Hrs Run: 13.75 Entry Date: 2010/02/25				Mud Type: Water: ☐ Oil: ☐ Other: ☐ Time: 01:00 03:00 05:00 Density (kg/m³): 1010 1010 1010 Funnel Viscosity (cP): 29 28 29 Fluid Loss (cm³): pH: 8 8 8 Location: SHAKER SHAKER SHAKER Depth (m): 555 607 637 PVT (m³): 23 24 13				Product: Amount: Type: SAWDUST 10 SX HYPERDRILL AF 247RD 1 SX ENVIROFLOC 1 SX				From (m): To (m): D-R-C: RPM: WOB (kdaN): 535 674 DRILL 95 5				No. Hole Drag Up (kdaN): 1 Hole Drag Down (kdaN): 1 Torque at Bottom (Nm): PFI on Bottom (m):				From To Elapsed Code Details of Operations in Sequence & Remarks 00:00 01:30 1:00 2 DRILL 535M - 580M 01:00 01:15 0:25 10 DEVIATION SURVEY 557M @ 0.50 DEG 01:15 01:30 0:25 7 RIG SERVICE FUNCTION ANNUAL 7 SECS CLOSED 01:30 05:15 3:45 2 DRILL 580M - 636M 05:15 05:30 0:25 10 DEVIATION SURVEY 636M @ 0.50 DEG 05:30 08:00 2:30 2 DRILL 636M - 674M			
26 Drill Pipe Stands (m) 474.93 0 Drill Pipe Singles (m) 0.00 Weight of DC (kdaN) 22 Kelly Down (m) 11.95 Weight of string (kdaN) 35 Total (m) 674.93				DULL GRADE T Gauge (mm) 0.00 LOC Reason Pulled LOC Total Run (m/hr) 0.00 BRG				SAFETY Safety Topic: MEH (kdaN) MACP (kg)				REDUCED PUMP SPEED No. Pressure (kpa) Strokes/min Depth (m) 1 1700 60 548 2 1700 60 548				BOILER No. Hours Run pH Stack Temp (°C) 185 8.00 10.0 325.00				CIRCULATION Pump Type Line Size (mm) GPM Pressure (kpa) Hours Run 1 SINGLE 152 80 3800 8.00 2 SINGLE 152 0 3800 0.00				DEVIATION SURVEYS Time Depth (m) Deviation (Direction) Type 01:00 557.00 0.5 0 TELEDRIFT 05:15 633.00 0.5 0 TELEDRIFT			

TOUR 2				SIGNATURE OF DRILLER				HAROLD RABY				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 0.31 1 BIT SUB 161 0.91 1 TELEDRIFT 154 2.47 5 DC (6.25 IN) 158 46.24 1 SHORT DRILL COLLAR 166 4.61 1 JARS-HYDMECH 166 5.20 8 DC (6.25 IN) 158 72.16 1 X/O (6.25 IN) 152 0.30 8 HWDP 133 55.77				Bit Number: 3 Size (mm): 200 MDC Code: M 2 2 2 Manufacturer: VAREL Type: VTD513HX Serial No: 4001141 Jars (mm): 8.7 8.7 8.7 8.7 Depth Out (m): 8.7 8.7 8.7 Depth In (m): 381 Total Drilled (m): 458 Hrs Run Today: 10.25 Cumulative Hrs Run: 24.00 Entry Date: 2010/02/25				Mud Type: Water: ☐ Oil: ☐ Other: ☐ Time: 09:30 11:30 17:00 Density (kg/m³): 1010 1010 1025 Funnel Viscosity (cP): 29 29 29 Fluid Loss (cm³): pH: 8 8 8 Location: SHAKER SHAKER SHAKER Depth (m): 688 710 812 PVT (m³): 24 22 26				Product: Amount: Type: SAWDUST 35 SX ULTRASEAL XP 3 SX GEL 3 SX MF-VIS 2 SX				From (m): To (m): D-R-C: RPM: WOB (kdaN): 674 850 DRILL 100 5				No. Hole Drag Up (kdaN): 1 Hole Drag Down (kdaN): 1 Torque at Bottom (Nm): PFI on Bottom (m):				From To Elapsed Code Details of Operations in Sequence & Remarks 08:00 08:15 0:25 7 RIG SERVICE, FUNCTIONED PIPE RAMS C/O 5 SECONDS 08:15 11:15 3:00 2 DRILL 200mm HOLE FROM 674 TO 732M 11:15 11:30 0:25 10 DEVIATION SURVEY @ 728M DEV. 5 DEG 11:30 14:00 2:50 2 DRILL 200mm HOLE FROM 732 TO 776M 14:00 14:45 0:45 5 CIRCULATE LCM SWEEP 14:45 17:00 2:25 2 DRILL 200mm HOLE FROM 776 TO 808M 17:00 17:15 0:25 7 RIG SERVICE, FUNCTIONED ANNUAL PREVENTER C/O 8 SECONDS 17:15 18:15 1:00 2 DRILL 200mm HOLE FROM 808 TO 827M 18:15 18:30 0:25 10 DEVIATION SURVEY @ 824M DEV. 1.0 DEG 18:30 20:00 1:50 2 DRILL 200mm HOLE FROM 827 TO 850M			
34 Drill Pipe Stands (m) 646.16 1 Drill Pipe Singles (m) 8.50 Weight of DC (kdaN) 22 Kelly Down (m) 6.37 Weight of string (kdaN) 37 Total (m) 850.09				DULL GRADE T Gauge (mm) 0.00 LOC Reason Pulled LOC Total Run (m/hr) 0.00 BRG				SAFETY Safety Topic: MEH (kdaN) MACP (kg)				REDUCED PUMP SPEED No. Pressure (kpa) Strokes/min Depth (m) 1 2200 60 808 2 2200 60 808				BOILER No. Hours Run pH Stack Temp (°C) 165 12.00 0.5 375.00				CIRCULATION Pump Type Line Size (mm) GPM Pressure (kpa) Hours Run 1 SINGLE 152 100 3700 12.00 2 SINGLE 152 0 3700 0.00				DEVIATION SURVEYS Time Depth (m) Deviation (Direction) Type 11:15 729.00 0.5 0 TELEDRIFT			

TOUR 3				SIGNATURE OF DRILLER				JUSTIN COURTORELLE				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 0.31 1 BIT SUB 161 0.91 1 TELEDRIFT 154 2.47 5 DC (6.25 IN) 158 46.24 1 SHORT DRILL COLLAR 166 4.61 1 JARS-HYDMECH 166 5.20 8 DC (6.25 IN) 158 72.16 1 X/O (6.25 IN) 152 0.30 8 HWDP 133 55.77				Bit Number: 3 Size (mm): 200 MDC Code: M 2 2 2 Manufacturer: VAREL Type: VTD513HX Serial No: 4001141 Jars (mm): 8.7 8.7 8.7 8.7 Depth Out (m): 8.7 8.7 8.7 Depth In (m): 381 Total Drilled (m): 521 Hrs Run Today: 4.00 Cumulative Hrs Run: 28.00 Entry Date: 2010/02/25				Mud Type: Water: ☐ Oil: ☐ Other: ☐ Time: 20:00 22:00 Density (kg/m³): 1030 1040 Funnel Viscosity (cP): 31 30 Fluid Loss (cm³): pH: 8 8 Location: SHAKER SHAKER Depth (m): 846 889 PVT (m³): 20 16				Product: Amount: Type: HYPERDRILL AF 247RD 1 SX SAWDUST 14 SX MF-VIS 1 SX				From (m): To (m): D-R-C: RPM: WOB (kdaN): 850 912 DRILL 100 5				No. Hole Drag Up (kdaN): 1 Hole Drag Down (kdaN): 1 Torque at Bottom (Nm): PFI on Bottom (m):				From To Elapsed Code Details of Operations in Sequence & Remarks 20:00 24:00 4:00 2 DRILL 850M - 912M			
34 Drill Pipe Stands (m) 646.16 1 Drill Pipe Singles (m) 8.50 Weight of DC (kdaN) 22 Kelly Down (m) 6.37 Weight of string (kdaN) 37 Total (m) 850.09				DULL GRADE T Gauge (mm) 0.00 LOC Reason Pulled LOC Total Run (m/hr) 0.00 BRG				SAFETY Safety Topic: MEH (kdaN) MACP (kg)				REDUCED PUMP SPEED No. Pressure (kpa) Strokes/min Depth (m) 1 1700 60 912 2 1700 60 912				BOILER No. Hours Run pH Stack Temp (°C) 165 4.00 10.0 375.00				CIRCULATION Pump Type Line Size (mm) GPM Pressure (kpa) Hours Run 1 SINGLE 152 100 3500 4.00 2 SINGLE 152 0 3500 0.00				DEVIATION SURVEYS Time Depth (m) Deviation (Direction) Type			

TOUR 3				SIGNATURE OF DRILLER				JUSTIN COURTOIRELLE				START TIME				END TIME												
												20:00				24:00												
DRILLING ASSEMBLY				BITS				MUD RECORD				MUD MATERIALS ADDED				METRES DRILLED				HOLE CONDITION				TIME LOG				
No.	Component	OD (mm)	Length (m)	Bit Number	Size (mm)	MHC Code	Manufacturer	Mud Type	Water	Oil	Other	Product	Amount	Type	From (m)	To (m)	D-B-C	RPM	WOB (kdaN)	Hole Drag Up (kdaN)	Hole Drag Down (kdaN)	Torque at Bottom (Nm)	FB on Bottom (m)	From	To	Elapsed	Code	
				Type	Serial No.	Jets (mm)																						
				Depth Out (m)	Depth In (m)	Total Drilled (m)	Mix Run Today																					
				Comminuted Mix Run	Every Data			SOLIDS CONTROL																				
								Equipment Name	Hours Run	Initial Density (kg/m³)	Over Flow Density (kg/m³)	Under Flow Density (kg/m³)																
								SAFETY																				

FRONT PAGE SUMMARY				DAILY CHECKS				OP RM				FUEL @ 08:00 HOURS				DRILL PIPE				MUD PUMPS				GENERAL EQUIPMENT & SERVICES			
Job Sheet Serial Number: 0152436, 20100227, 1AP, Pason				Year: 2010, Month: 02, Day: 27				1) Daily Safety Meeting (one/week/month)				RW, ITS				Category: 4.5in XH, Grade: DC, OD (mm): 150, ID (mm): 50, Linear Mass (kg/m): 122.3200, No. of Joints: 16, Total Length (m): 150.00				No. 1: EMSCO, Make: Metco, Stroke Length (mm): 229				Description: LOADER, Hours: 24.00			
Rig No.: 436, Well Name: PARA ET AL CAMERON 28-06, Location: 40 04 01.00N 107 17 31.00W, Lat: NT, Long: 3028098101117300, 4				2) H2S Status: Perished if Required				RW, ITS				Op Fuel: 0				2) EMSCO, Make: Metco, Stroke Length (mm): 229				Description: CREW TRUCK, Hours: 24.00							
3) Well License & Shot Diagram Posted				RW, ITS				Weather: Time: 06:00, Temp: -12				Casing: Category: SURFACE, Make: STAG, Grade: J-55, OD (mm): 210, ID (mm): 160, Linear Mass (kg/m): 35.70, No. of Joints: 20, Total Length (m): 302				SHALES SHAKERS: No. 1: 84, 2: 84, 3: 84, 4: 84, 5: 84, 6: 84, 7: 84, 8: 84, 9: 84, 10: 84, 11: 84, 12: 84, 13: 84, 14: 84, 15: 84, 16: 84, 17: 84, 18: 84, 19: 84, 20: 84											
4) Crown Saver Checked				RW, ITS				Current Conditions: PARTLY CLOUDY																			
5) Motor Jills Checked				RW, ITS				Wind Direction: UP TO 19 KM/H																			
6) BOP Drive Performed				RW, ITS				Road Condition: FAIR																			
7) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
8) BOP Drive Performed				RW, ITS																							
9) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
10) BOP Drive Performed				RW, ITS																							
11) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
12) BOP Drive Performed				RW, ITS																							
13) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
14) BOP Drive Performed				RW, ITS																							
15) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
16) BOP Drive Performed				RW, ITS																							
17) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
18) BOP Drive Performed				RW, ITS																							
19) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
20) BOP Drive Performed				RW, ITS																							
21) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
22) BOP Drive Performed				RW, ITS																							
23) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							
24) BOP Drive Performed				RW, ITS																							
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179) Visually Inspected BOPs - Flare Lines & Discharge Lines				RW, ITS																							

FRONT PAGE SUMMARY				Your Email Serial Number: 2Y52436_20100227_LAPason				Weather Software Version: 2010 02 27			
Rig No.	Well Name	Surface Location	Prov	Loc Type	Uplift Well ID	NT	LAT	CON	202006101117300	4	
436	PAPA ET AL CAMERON 2B-01	42°08'04.00"N 117°31'00.00"W	NT	LAT	CON	202006101117300	4				
License No.	Operator	Contractor	Well Type	Re-Entry							
1221	PARAMOUNT RESOURCES LTD.	PRECISION DRILLING, DIV OF PDC	VERT	☐							
Operator's Aff		Contractor's Job No	Start Date	Time							
Signature of Operator Representative		Signature of Contractor's Rig manager	2010/02/21	12:30							
JOHN WILLIAMS		TERRY SCHAUFERT	Rig Release Date	Time							
DAILY CHECKS											
1) Daily Walk Around Inspection											
2) H2S Safety Pretest & Required											
3) H2S Safety Pretest & Required											
4) H2S Safety Pretest & Required											
5) H2S Safety Pretest & Required											
6) H2S Safety Pretest & Required											
7) Visually Inspected BOP's - Hare Lines & Degasser Lines											
OP RM											
FUEL @ 08:00 HOURS											
Rig											
Boiler											
Op 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											
SHALE SHAKERS											
No.											
Top Screen											
Middle Screen											
Bottom Screen											
Size											
Changed											
New											
Size											
Changed											
New											
Size											
Changed											
New											
Size											
Changed											
New											

TOUR 1												START TIME 00:00												END TIME 06:00											
DRILLING ASSEMBLY												SIGNATURE OF DRILLER JUSTIN COURTORELLE												TIME LOG											
No. Component OD (mm) ID (mm) Length (m)												Mud Type Water ☐ Oil ☐ Other ☐												From To Elapsed Code Details of Operations in Sequence & Remarks											
BIT												Product Amount Type												REDUCED PUMP SPEED											
Size (mm)												HUMALITE 6 SX												No. Pressure (kpa) Strokes/min Depth (m)											
MDC Code												XL DEFOAMER 2 PAIL												No. Hours Run pH Stack Temp (°C)											
Manufacturer																								No. Hours Run pH Stack Temp (°C)											
Type																								No. Hours Run pH Stack Temp (°C)											
Serial No																								No. Hours Run pH Stack Temp (°C)											
Jaws (mm)																								No. Hours Run pH Stack Temp (°C)											
Depth Out (m)																								No. Hours Run pH Stack Temp (°C)											
Depth In (m)																								No. Hours Run pH Stack Temp (°C)											
Total Drilled (m)																								No. Hours Run pH Stack Temp (°C)											
Hrs Run Today																								No. Hours Run pH Stack Temp (°C)											
Cumulative Hrs Run																								No. Hours Run pH Stack Temp (°C)											
Entry Date																								No. Hours Run pH Stack Temp (°C)											
DULL GRADE												SOLIDS CONTROL												DEVIATION SURVEYS											
Y ☐												Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)												Time Depth (m) Deviation (mm) Direction Type											
F ☐																								Time Depth (m) Deviation (mm) Direction Type											
MDC ☐																								Time Depth (m) Deviation (mm) Direction Type											
Reason Pulled																								Time Depth (m) Deviation (mm) Direction Type											
LOC ☐																								Time Depth (m) Deviation (mm) Direction Type											
BRC ☐																								Time Depth (m) Deviation (mm) Direction Type											
Total Run (m/hr)																								Time Depth (m) Deviation (mm) Direction Type											
SAFETY												SAFETY												SAFETY											
Safety Topic												Safety Topic												Safety Topic											
MEHL (kdaN) MACP (kpa)												MEHL (kdaN) MACP (kpa)												MEHL (kdaN) MACP (kpa)											

TOUR 2												START TIME 08:00												END TIME 20:00											
DRILLING ASSEMBLY												SIGNATURE OF DRILLER HAROLD RABY												TIME LOG											
No. Component OD (mm) ID (mm) Length (m)												Mud Type Water ☐ Oil ☐ Other ☐												From To Elapsed Code Details of Operations in Sequence & Remarks											
BIT												Product Amount Type												REDUCED PUMP SPEED											
Size (mm)												HYPERDRILL AF 247RD 1 BX												No. Pressure (kpa) Strokes/min Depth (m)											
MDC Code																								No. Hours Run pH Stack Temp (°C)											
Manufacturer																								No. Hours Run pH Stack Temp (°C)											
Type																								No. Hours Run pH Stack Temp (°C)											
Serial No																								No. Hours Run pH Stack Temp (°C)											
Jaws (mm)																								No. Hours Run pH Stack Temp (°C)											
Depth Out (m)																								No. Hours Run pH Stack Temp (°C)											
Depth In (m)																								No. Hours Run pH Stack Temp (°C)											
Total Drilled (m)																								No. Hours Run pH Stack Temp (°C)											
Hrs Run Today																								No. Hours Run pH Stack Temp (°C)											
Cumulative Hrs Run																								No. Hours Run pH Stack Temp (°C)											
Entry Date																								No. Hours Run pH Stack Temp (°C)											
DULL GRADE												SOLIDS CONTROL												DEVIATION SURVEYS											
Y ☐												Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)												Time Depth (m) Deviation (mm) Direction Type											
F ☐																								Time Depth (m) Deviation (mm) Direction Type											
MDC ☐																								Time Depth (m) Deviation (mm) Direction Type											
Reason Pulled																								Time Depth (m) Deviation (mm) Direction Type											
LOC ☐																								Time Depth (m) Deviation (mm) Direction Type											
BRC ☐																								Time Depth (m) Deviation (mm) Direction Type											
Total Run (m/hr)																								Time Depth (m) Deviation (mm) Direction Type											
SAFETY												SAFETY												SAFETY											
Safety Topic												Safety Topic												Safety Topic											
MEHL (kdaN) MACP (kpa)												MEHL (kdaN) MACP (kpa)												MEHL (kdaN) MACP (kpa)											

TOUR 3												START TIME 20:00												END TIME 24:00											
DRILLING ASSEMBLY												SIGNATURE OF DRILLER JUSTIN COURTORELLE												TIME LOG											
No. Component OD (mm) ID (mm) Length (m)												Mud Type Water ☐ Oil ☐ Other ☐												From To Elapsed Code Details of Operations in Sequence & Remarks											
BIT												Product Amount Type												REDUCED PUMP SPEED											
Size (mm)																								No. Pressure (kpa) Strokes/min Depth (m)											
MDC Code																								No. Hours Run pH Stack Temp (°C)											
Manufacturer																								No. Hours Run pH Stack Temp (°C)											
Type																								No. Hours Run pH Stack Temp (°C)											
Serial No																								No. Hours Run pH Stack Temp (°C)											
Jaws (mm)																								No. Hours Run pH Stack Temp (°C)											
Depth Out (m)																								No. Hours Run pH Stack Temp (°C)											
Depth In (m)																								No. Hours Run pH Stack Temp (°C)											
Total Drilled (m)																								No. Hours Run pH Stack Temp (°C)											
Hrs Run Today																								No. Hours Run pH Stack Temp (°C)											
Cumulative Hrs Run																								No. Hours Run pH Stack Temp (°C)											
Entry Date																								No. Hours Run pH Stack Temp (°C)											
DULL GRADE												SOLIDS CONTROL												DEVIATION SURVEYS											
Y ☐												Equipment Name Hours Run Intake Density (kg/m³) Over Flow Density (kg/m³) Under Flow Density (kg/m³)												Time Depth (m) Deviation (mm) Direction Type											
F ☐																								Time Depth (m) Deviation (mm) Direction Type											
MDC ☐																								Time Depth (m) Deviation (mm) Direction Type											
Reason Pulled																								Time Depth (m) Deviation (mm) Direction Type											
LOC ☐																								Time Depth (m) Deviation (mm) Direction Type											
BRC ☐																								Time Depth (m) Deviation (mm) Direction Type											
Total Run (m/hr)																								Time Depth (m) Deviation (mm) Direction Type											
SAFETY												SAFETY												SAFETY											
Safety Topic												Safety Topic												Safety Topic											
MEHL (kdaN) MACP (kpa)												MEHL (kdaN) MACP (kpa)												MEHL (kdaN) MACP (kpa)											

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FRONT PAGE SUMMARY				Your Short Serial Number: 0152430_20100304_1APason				Vendor Software Version: 1APason				Year: 2010				Month: 03				Day: 04																															
Rig No. 1 Well Name				Surface Location				Prev Loc Type				Unique Well Id				Kelly Running																																			
438 PARA ETAL CAMERON 2B-04				44 06 08.604V11731-02 009				NT				LAT-LONG				3028086101117300				4																															
License No. Operator				Contractor				Well Type				Re-Entry				VERT																																			
1221 PARAMOUNT RESOURCES LTD				PRECISION DRILLING, DIV OF PDC				Contractor's Job No.				Squad				Time																																			
Operator's AFE				S-32				2010/02/21				12:30																																							
Signature of Operator Representative				Signature of Contractor's Rig Manager				Rig Release Date				Time																																							
JOHN WILLIAMS				TERRY SCHAUERT				2010/03/03				23:59																																							
DAILY CHECKS																OP RM				FUEL @ 08:00 HOURS				DRILL PIPE				MUD PUMPS				GENERAL EQUIPMENT & SERVICES																			
1) Date High-Aspect Inspection																Rig				Category				Thread Type				Grade				OD (mm)				ID (mm)				Linear Mass (kg/m)				No. of Joints				Total Joint OD (mm)			
2) Defect Inspection - Weekly (Using Check List)																Boiler				D-C				A 5in JH				D-C				150				50				122.3200				16				158.00			
3) HPS Signs Permitted & Required																Op Fuel				4in FH				HNDP				133				62				41.6000				16				133.00							
4) Well Licence & Check Diagram Permitted																Weather				4in FH				SSAS				133				62				23.3000				208				133.00							
5) New Lines Started																Time																																			
6) BOP Tests Performed																Temp																																			
7) Visually Inspected BOP's - Flare Lines & Discharge Lines																Current Conditions				PARTLY CLOUDY																															
1) Risk Site Health & Safety Meeting (one/week/month)																Wind Direction																																			
2) CAUTION Rig Safety Inspection Checklist (one/week/month)																Wind Strength				UP TO 19 KMPH																															
3) Mast Inspection Before Raising or Lowering																Road Condition				FAIR																															
4) Down Saver Checked																																																			
5) Motor 2B is Checked																																																			

TOUR 1																SIGNATURE OF DRILLER																HAROLD RABY																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)																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 Time 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) MACP (kg/m³)																Product Amount Type																From (m) To (m) D-R-C RPM WOB (kN/m²)																Hole Drag Up (kN/m) Hole Drag Down (kN/m) Torque at Bottom (Nm) Fill on Bottom (m)																From To Elapsed Code 00:00 08:00 8.00 22 Details of Operations in Sequence & Remarks TEAR DOWN RIG, SPOT LOADS ON SIDE OF LEASE, WAIT ON FROST																															
Drill Pipe Strands (m) Drill Pipe Singles (m) Weight of DC (kg/m) Kelly Down (m) Weight of string (kg/m) Total (m)																Gage (mm) ODC Reason Pulled LOC Total Run (m/h) BHG																																																																																																															

TOUR 2																SIGNATURE OF DRILLER																MIKE KEMICK																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)																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 Time 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) MACP (kg/m³)																Product Amount Type																From (m) To (m) D-R-C RPM WOB (kN/m²)																Hole Drag Up (kN/m) Hole Drag Down (kN/m) Torque at Bottom (Nm) Fill on Bottom (m)																From To Elapsed Code 08:00 20:00 12.00 22 Details of Operations in Sequence & Remarks TEAR DOWN RACK TO EDGE OF LEASE, PREPARE TO MOVE RIG OUT ON FROST																															
Drill Pipe Strands (m) Drill Pipe Singles (m) Weight of DC (kg/m) Kelly Down (m) Weight of string (kg/m) Total (m)																Gage (mm) ODC Reason Pulled LOC Total Run (m/h) BHG																																																																																																															

TOUR 3																SIGNATURE OF DRILLER																HAROLD RABY																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)																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 Time 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) MACP (kg/m³)																Product Amount Type																From (m) To (m) D-R-C RPM WOB (kN/m²)																Hole Drag Up (kN/m) Hole Drag Down (kN/m) Torque at Bottom (Nm) Fill on Bottom (m)																From To Elapsed Code 20:00 22:00 2.00 22 Details of Operations in Sequence & Remarks TEAR DOWN, PREPARE TO MOVE RIG LOAD OUT RIG AND MOVE OUT ON THE FROST																															
Drill Pipe Strands (m) Drill Pipe Singles (m) Weight of DC (kg/m) Kelly Down (m) Weight of string (kg/m) Total (m)																Gage (mm) ODC Reason Pulled LOC Total Run (m/h) BHG																																																																																																															

FRONT PAGE SUMMARY				Your Street Serial Number: 0152438_20100305_1A Reason: 2010 03 05				DAILY CHECKS				OP RM				FUEL @ 08:00 HOURS				DRILL PIPE				MUD PUMPS				GENERAL EQUIPMENT & SERVICES					
Rig No. 436 Well Name: PARA ETAL CAMERON 28-04 Surface Location: 42-08-06-00W/17-31-N Prov: NT Loc Type: 002B096101117300 Kelly: 4 License No. 1221 Operator: PARAMOUNT RESOURCES LTD Contractor: PRECISION DRILLING DIV OF PDC Well Type: VERT Re-Entry: ☐ Operator's Aff: 532 Signature of Operator Representative: JOHN WILLIAMS Signature of Contractor's Rig Manager: TERRY SCHAUFERT Rig Release Date: 2010/03/03 23:59				1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly Blasting Check List 3) HGS Signs Posted & Maintained 4) Well Licence & Stock Diagram Posted 5) Flare Lines Checked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Discharge Lines 8) Rig Site Health & Safety Meeting (one/week/month) 9) CAUDC Rig Safety Inspection Checklist (one/week/month) 10) Mass Inspection before Raising or Lowering 11) Crown Saver Checked 12) Motor Vibration Checked				Rig: 0 Boiler: 0 Op Fuel: 0 WEATHER: 06:00 Temp: -2 Current Conditions: PARTLY CLOUDY Wind Direction: S Wind Strength: UP TO 19 KM/H Road Condition: FAIR				Category: 0 Thread Type: 0 Grade: 0 OD (mm): 0 ID (mm): 0 Linear Mass (kg/m): 0 No. of Joints: 0 Total Length (m): 0 DC: 4.5in J44 DC: 150 50 122-3200 16 150-00 HW: 4in FH HWDP: 133 62 41-6000 16 133-00 DP: 4in FH SS85: 133 62 23-3000 205 133-00				No.: 0 Make: 0 Stroke Length (mm): 0 EMSCO 229 EMSCO 229				Description: 0 Hours: 0 LOADER 24.00 CREW TRUCK 24.00													

TOUR 1												SIGNATURE OF DRILLER												HAROLD RABY												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) Drill Pipe Stands (m) Drill Pipe Singles (m) Weight of DC (kg) Kelly Down (m) Weight of string (kg) Total (m)				Bit Number Size (mm) MDC Code Manufacturer Type Serial No Jet (mm) Depth Cut (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date Dull Grade Gauge (mm) MDC Reason Pulled LOC Total Run (m/hr) BRG				Mud Type Water Oil Other Density (kg/m³) Funnel Viscosity (cP) Fluid Loss (cm³) 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) MACP (kg)				Product Amount Type REDUCED PUMP SPEED No. Pressure (kgp) Strokes/min Depth (m) CIRCULATION Pump Type Line Size (mm) GPM Pressure (kgp) Hours Run BOILER No. Hours Run pH Stack Temp (°C) DEVIATION SURVEYS Time Depth (m) Deviation Direction Type Remarks:				From (m) To (m) D-R-C RPM WOB (kg) REDUCED PUMP SPEED No. Pressure (kgp) Strokes/min Depth (m) CIRCULATION Pump Type Line Size (mm) GPM Pressure (kgp) Hours Run BOILER No. Hours Run pH Stack Temp (°C) DEVIATION SURVEYS Time Depth (m) Deviation Direction Type Remarks:				From To Elapsed Code Details of Operations in Sequence & Remarks 00:00 08:00 8.00 22 LOAD OUT RIG ON THE FROST																																							

TOUR 2												SIGNATURE OF DRILLER												MIKE KEMICK												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) Drill Pipe Stands (m) Drill Pipe Singles (m) Weight of DC (kg) Kelly Down (m) Weight of string (kg) Total (m)				Bit Number Size (mm) MDC Code Manufacturer Type Serial No Jet (mm) Depth Cut (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date Dull Grade Gauge (mm) MDC Reason Pulled LOC Total Run (m/hr) BRG				Mud Type Water Oil Other Density (kg/m³) Funnel Viscosity (cP) Fluid Loss (cm³) 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) MACP (kg)				Product Amount Type REDUCED PUMP SPEED No. Pressure (kgp) Strokes/min Depth (m) CIRCULATION Pump Type Line Size (mm) GPM Pressure (kgp) Hours Run BOILER No. Hours Run pH Stack Temp (°C) DEVIATION SURVEYS Time Depth (m) Deviation Direction Type Remarks:				From (m) To (m) D-R-C RPM WOB (kg) REDUCED PUMP SPEED No. Pressure (kgp) Strokes/min Depth (m) CIRCULATION Pump Type Line Size (mm) GPM Pressure (kgp) Hours Run BOILER No. Hours Run pH Stack Temp (°C) DEVIATION SURVEYS Time Depth (m) Deviation Direction Type Remarks:				From To Elapsed Code Details of Operations in Sequence & Remarks 08:00 16:00 8.00 25 PACK UP FROM CAMP AND DRIVE TO HIGH LEVEL TO FLY TO EDMONTON																																							

TOUR 3												SIGNATURE OF DRILLER												HAROLD RABY												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) Drill Pipe Stands (m) Drill Pipe Singles (m) Weight of DC (kg) Kelly Down (m) Weight of string (kg) Total (m)				Bit Number Size (mm) MDC Code Manufacturer Type Serial No Jet (mm) Depth Cut (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date Dull Grade Gauge (mm) MDC Reason Pulled LOC Total Run (m/hr) BRG				Mud Type Water Oil Other Density (kg/m³) Funnel Viscosity (cP) Fluid Loss (cm³) 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) MACP (kg)				Product Amount Type REDUCED PUMP SPEED No. Pressure (kgp) Strokes/min Depth (m) CIRCULATION Pump Type Line Size (mm) GPM Pressure (kgp) Hours Run BOILER No. Hours Run pH Stack Temp (°C) DEVIATION SURVEYS Time Depth (m) Deviation Direction Type Remarks:				From (m) To (m) D-R-C RPM WOB (kg) REDUCED PUMP SPEED No. Pressure (kgp) Strokes/min Depth (m) CIRCULATION Pump Type Line Size (mm) GPM Pressure (kgp) Hours Run BOILER No. Hours Run pH Stack Temp (°C) DEVIATION SURVEYS Time Depth (m) Deviation Direction Type Remarks:				From To Elapsed Code Details of Operations in Sequence & Remarks																																							



Drilling Fluid Report

Well Name: Para Cameron Hills
Operator: Paramount Energy Trust
Report For: Hale Yardley

Current Activity: Rigging Up
Date: February 20, 2010
Check Number: 1
Spud Date: February 21, 2010
Days From Spud: -1
Location: 2B-09-60/10-11-30
Contractor: Precision 436
Report for: Terry Schaufert

In consideration of the furnishing of this report and oral suggestions, it is agreed that no recommendations made herein shall be construed as authorizing the infringement of any valid patent, and it is agreed that Marquis Alliance Energy Group Inc. 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 Enlarge %	
Bit No.	1RR	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Open Hole Ann Vel	Flow	Liner Ann Vel	Flow	Casing Ann Vel	Flow	Pipe Cap	0.0	Circulation Time	
Bit Size (mm)	311					D.C.	60.0	165.0	62.0		N/A		N/A	-87.4	N/A	Ann Vol	0.0	BTM's Up	0
Type	HE04SMRSV					D.C.	75.0	194.0	17.4		N/A		N/A	-63.2	N/A	Tank	42.1	Total	23
Nozzles (mm)						D.P.	62.0	133.0	-79.4		N/A		N/A		N/A	Tot. Ck. Vol	42.1	Water Added	
N1:	12.7	N2:	12.7													Open Hole	0.0	Mud Lost	
N3:	12.7	N4:	12.7																
N5:		N6:																	
N7:		N8:																	
TFA	507																		
Depth In	0																		
Depth Out																			
Hrs. on Bit	9.0																		
Drill Rate	0.0																		
R.P.M.	114					HHP			90.93										
WOB (daN)						% Pressure at Bit													
Nozzle Vel	61.5																		
Summary of Activity - Comments, Observations, Pilot Tests																			
Bit Press.	2177	Check #1	Check #2	Remarks: Hole conditions tripping & drilling, Cuttings description, Torque & drag, Reaming, Bridges, etc.															
Mud System	WaterBasedMud	Feb 20 2010 : Moved on and rigged to spud.																	
Depth MD / TVD (m)	0	/	0	/															
Time Sample Taken	12:29																		
Flowline Temp (C)	21																		
Funnel Viscosity (sec/L)	39																		
Mud Density (kg/m3)	1040																		
Hyd. Grad. (kPa/m)	10.20																		
ECD (kg/m3)																			
pH	STRIP	METER	8.5																
Plastic Viscosity (mPa)	9.0																		
Yield Point (Pa)	6.7																		
Gel Strength (Pa) 10s/10min	2.5	/	3.0	/															
N Low / K low	0.39	/	1.86	/															
N Med / K med	0.48	/	1.18	/															
Filtrate (cm3/30min @ 700kPa)	8.0																		
Filtrate (mm)	0.5																		
HTHP FILTRATE @ C (cm3/30 min @ 3500 kPa)	@	@																	
Filtrate (mm)																			
Sand Content (%)																			
Total Solids (%)	2.5																		
Conn. Solids (%)																			
Oil Content (%)																			
M.B.T. (kg/m3)	10																		
HOS (kg/m3) / %	0.00	/	0.0	/															
LGS (kg/m3) / %	65.01	/	2.5	/															
Drilled solids (kg/m3)	55.01																		
Bentonite (kg/m3)																			
Avg. Density (kg/m3)	2600																		
Alkalinity (PF/MF)	0.0	/	0.1	/															
Hydroxyl (mg/L)																			
Carbonate (mg/L)	0																		
Bicarbonate (mg/L)	146																		
Total Hardness (mg/L)	520																		
Chlorides (mg/L)	1000																		
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	HAC																		
Polymer (kg/m3)	0.25																		
Materials Used Since Last Check																			
Products					Products					Products									
Cost Information																			
Cost Since Last Check										Total Cost to Date									
Marquis Alliance Representatives																			
T.S.R.					Shannon Williams					Trucking Company					Formula Powell - Airdrie				
Cell					780-691-2295					Warehouse					Airdrie				
Pager/Home #					780-895-2688					Phone #					403-948-6666				

Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Energy Trust
Report For	Hale Yardley
Report For	Hale Yardley

Current Activity	Rigging Up/Pre Spud		
Date	February 21, 2010	Check Number	2
Spud Date	February 21, 2010	Days From Spud	0
Location	2B-09-60/10-11-30		
Contractor	Precision 436		
Report for	Terry Schaufert		
Report for			

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 Alliance Energy Group Inc. 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 Enlarge %	
Bit No.	1RR	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Open Hole Ann Val.	Flow	Liner Ann Val.	Flow	Casing Ann Val.	Flow	Pipe Cap Ann Val.	0.3	Circulation Time	
BR Size (mm)	311					D.C.	60.0	165.0	62.0	34.2	LAM		N/A		N/A	Ann Val.	5.5	BTM's Up	
Type	HE04SMRSV					D.C.	75.0	194.0	17.4	40.3	LAM		N/A		N/A	Tank	42.5	Total	
Nozzles (mm)						D.P.	62.0	133.0	20.6	30.1	LAM		N/A		N/A	Tot. Ck. Vol	48.3	Water Added	
N1	12.7	N2	12.7													Open Hole	7.6	Mud Lost	
N3	12.7	N4	12.7																
N5		N6																	
N7		N8																	
TFA	507																		
Depth In	0																		
Depth Out																			
Hrs. on Bit	9.0																		
Drill Rate	10.0																		
R.P.M.	114																		
WOB (daN)																			
Nozzle Vel	61.5																		
Bit Press.	2156																		
Mud System	WaterBasedMud																		
Depth MD / TVD (m)	100	/	100		/														
Time Sample Taken	10:00																		
Flowline Temp (C)																			
Funnel Viscosity (sec/L)	41																		
Mud Density (kg/m3)	1030																		
Hyd. Grad. (kPa/m)	10.10																		
ECD (kg/m3)	1038																		
pH	STRIP																		
Plastic Viscosity (mPa)	7.0																		
Yield Point (Pa)	3.8																		
Gel Strength (Pa) 10s/10min	2.5	/	3.5		/														
N Low / K low	0.20	/	2.87		/														
N Med / K med	0.55	/	0.48		/														
Filtrate (cm3/30min@700kPa)	15.0																		
Filtrate Cake (mm)	2.0																		
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@				@														
Filtrate Cake (mm)																			
Sand Content (%)																			
Total Solids (%)	1.875																		
Coar. Solids (%)																			
Oil Content (%)																			
M.B.T. (kg/m3)	10																		
HGS (kg/m3) / %	0.00	/	0.0		/														
LGS (kg/m3) / %	48.76	/	1.9		/														
Drilled solids (kg/m3)	38.76																		
Bentonite (kg/m3)																			
Avg. Density (kg/m3)	2600																		
Alkalinity (PFAP)	0.0	/	0.5		/														
Hydroxyl (mg/L)																			
Carbonate (mg/L)	36																		
Bicarbonate (mg/L)	537																		
Total Hardness (mg/L)																			
Chlorides (mg/L)	1100																		
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)	0.10																		

Summary of Activity - Comments, Observations, Pilot Tests
Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.

Feb 21 2010 : Spudded 311mm surface and drilled ahead to 105m at midnight. Gravel and sand stringers reducing ROP.

Recommended Treatment - Suggestions

WMBMS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.

Spud Report

- Add 5m3 of fresh water to tanks. Fill tanks to desired level with mud, gun and agitate all compartments.
- Check pH and if higher than 9, add Sulphamic Acid to system to reduce to 8.
- Mix 10 pails of Shure Shale through grating, monitor funnel visc to en min/pail.
- Mix 1-2 sxs of Hyperdrill 247 to warm water in pill tank and allow to hydrate for 1-2 hrs. Once circulating, bleed into system over several hours while drilling ahead.
- Run centrifuge consistently to strip drill solids, injecting Alka Pam 1103RD only when weight increases to above 1060 kg/m3.
- Add fresh water to system at 2-5 L/min to hydrate polymers. No faster please. To maintain 35-40m3 PVT, use mud from 400bbl tank.

System Maintenance

- Mud Rings : if bit balling is suspected or connections are sticky, mix 1 pail only of Detergent at suction and 1-2 visc cups of TKPP per connection down drill pipe to reduce. Do not mix more than 1 pail DD.
- Allow natural clays to build viscosity, do not mix Gel. Gravel is expected at 30-50m, rocks at 50-60m, and sand 90-120m. Monitor shakers and ensure proper visc using Millzan mixed 1 sx per circ, if required, for proper hole cleaning.
- Mix 1 sx of Hyperdrill 247 into pill tank and allow to hydrate for 1 hr. Add to system over 3-4 hrs, each 12 hr shift.
- If pH increases over 8, mix 1 sx Sulphamic Acid over 1 circ to reduce.
- Ensure funnel visc of 55-60 sec/L prior to wiper trip, mixing 1 sx Millzan or Kelzan and 5 sxs of Gel.
- After wiper trip, isolate to one tank and add 10 L/min fresh water, 1 sx Millzan and 10 sxs Gel to increase FV to 70 sec/L.

Materials Used Since Last Check

Products	Products	Products

Cost Information

Cost Since Last Check	\$475.00	Total Cost to Date	\$475.00
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Marquis Alliance Representatives

T.S.R.	Shannon Williams	Trucking Company	Formula Powell - Airdrie
Cell	780-691-2295	Warehouse	Airdrie
Pager/Home #	780-895-2688	Phone #	403-948-6666



Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Energy Trust
Report For	Hale Yardley
Report For	Hale Yardley

Current Activity	Drilling Ahead 311mm Surface Hole		
Date	February 22, 2010	Check Number	3
Spud Date	February 21, 2010	Days From Spud	1
Location	2B-09-60/10-11-30		
Contractor	Precision 436		
Report for	Terry Schaufert		
Report for			

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Bit Record				Casings				Drilling Assembly												Volumes (m3)		Hole Enlarge %	
Bit No.	1	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Open Hole Ann Vel.	Flow	Liner Ann Vel.	Flow	Casing Ann Vel.	Flow	Pipe Cap	0.4	Circulation Time					
Bit Size (mm)	311					D.C.	75.0	194.0	19.4	48.0	LAM		N/A		N/A	Ann Vel.	7.3	BTM's Up	3				
Type	HE04SMRSV					D.C.	60.0	165.0	68.0	40.8	LAM		N/A		N/A	Tank	42.5	Total	23				
Nozzles (mm)						D.P.	62.0	133.0	43.6	35.9	LAM		N/A		N/A	Tot. Ck. Vol	50.2	Water Added					
N1:	12.7	N2:	12.7													Open Hole	10.0	Mud Lost					
N3:	12.7	N4:	12.7																				
N5:		N6:																					
N7:		N8:																					
TFA	507																						
Depth In	0																						
Depth Out																							
Hrs. on Bit	18.0																						
Drill Rate	24.0																						
R.P.M.	125					HHP		158.47															
WOB (daN)						% Pressure at Bit		56.28															
Nozzle Vel	73.3																						
Bit Press.	3183																						
Summary of Activity - Comments, Observations, Pilot Tests																							
Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.																							
Feb 22 2010 : Drilled ahead 311mm Surface Hole from 105m to 131m at mudcheck. Hard pack sand and gravel encountered, mixed to reduce calcium and increase fv with soda ash and gel. Currently mixing to inhibit shales and clays.																							
Recommended Treatment - Suggestions																							
WARNINGS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.																							
Today's Additions:																							
Daylights - Mix 2 sxs of Hyperdrill 247 into system over the next 8-10 hrs while drilling ahead. - Mix 3 pails of Shure Shale to inhibit clays. - Mix off broken sxs of Envirofloc into injection tank. This will aid in stripping mud. - Monitor shakers closely and ensure we add DD only as needed to reduce stickiness.																							
Graveyards - Maintain system as noted below.																							
System Maintenance:																							
- Mud Rings : if bit balling is suspected or connections are sticky, mix 1 pail only of Detergent at suction and 1-2 visc cups of TKPP per connection down drill pipe to reduce. Do not mix more than 3 pail DD. - Allow natural clays to build viscosity, do not mix Gel. Gravel is expected at 30-50m, rocks at 50-60m, and sand 90-120m. Monitor shakers and ensure proper visc using Millzan mixed 1 sx per circ, if required, for proper hole cleaning. - Mix 1 sx of Hyperdrill 247 into pill tank and allow to hydrate for 1 hr. Add to system over 3-4 hrs, each 12 hr shift. - If pH increases over 8, mix 1 sx Sulphamic Acid over 1 circ to reduce. - Ensure funnel visc of 55-60 sec/L prior to wiper trip. Isolate to one suction compartment - mixing 1 sx MF Vis, 1 sx Caustic Soda, and 10 sxs of Gel. - After wiper trip, add 10 L/min fresh water while mixing 1 sx MF Visc and 10 sxs Gel to increase FV to 65-70sec/L. - For Cement : Isolate add fresh water at 40 L/min and Desco CF at 15 min/sx to reduce FV to 45-50.																							
Materials Used Since Last Check																							
Products																							
Hyperdrill AF247RD 2 MF - VIS TM 3 Sawdust 32																							
Shure Shale 10																							
Cost Information																							
Cost Since Last Check \$4,579.39 Total Cost to Date \$5,054.39																							
Marquis Alliance Representatives																							
T.S.R. Shannon Williams Trucking Company Formula Powell - Airdrie																							
Cell 780-691-2295 Warehouse Airdrie																							
Pager/Home # 780-895-2688 Phone # 403-948-6666																							



Drilling Fluid Report

Well Name : Para Cameron Hills
Operator : Paramount Energy Trust
Report For : Hale Yardley

Current Activity : Reaming/circulating to clean hole.
Date : February 23, 2010
Spud Date : February 21, 2010
Location : 2B-09-60/10-11-30
Contractor : Precision 436
Report for : Terry Schaufert

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 Alliance Energy Group Inc. 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 Enlarge %	
Bit No.	1	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Ann Vel.	Flow	Ann Vel.	Flow	Ann Vel.	Flow	Pipe Cap.	1.2	Circulation Time	
Bit Size(mm)	311					D.C.	75.0	194.0	19.4	48.0	LAM		N/A		N/A	Ann Vel.	23.5	BTM's Up	11
Type	HE04SMRSV					D.C.	60.0	165.0	68.0	40.8	LAM		N/A		N/A	Tank	6.5	Total	14
Nozzles (mm)						D.P.	62.0	133.0	303.6	35.9	LAM		N/A		-160	N/A	Tot. Cr. Vol	31.2	Water Added
N1:	12.7	N2:	12.7													Open Hole	29.7	Mud Lost	
N3:	12.7	N4:	12.7																
N5:		N6:																	
N7:		N8:																	
TFA	507																		
Depth In	0																		
Depth Out																			
Hrs. on Bit	18.0																		
Drill Rate																			
R.P.M.	125																		
WOB (daN)																			
Nozzle Vel	73.3																		
Bit Press.	3361																		
Mud System	WaterBasedMud	WaterBasedMud																	
Depth MD / TVD (m)	391 / 391	391 / 391																	
Time Sample Taken	10:00	15:00																	
Flowline Temp (C)	24	24																	
Funnel Viscosity (sec/L)	47	75																	
Mud Density (kg/m3)	1140	1130																	
Hyd. Grad. (kPa/m)	11.18	11.09																	
ECD (kg/m3)	1161	1158																	
pH	8.5	8.5																	
Plastic Viscosity (mPa)	10.0	18.0																	
Yield Point (Pa)	12.0	14.4																	
Gel Strength (Pa) 10s/10min	7.0 / 18.0	12.0 / 22.0																	
N Low / K low	0.19 / 8.78	0.15 / 13.27																	
N Med / K med	0.36 / 3.65	0.46 / 2.74																	
Filtrate (cm3/30min@700kPa)	6.0	6.0																	
Fiber Cake (mm)	1.5	1.5																	
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@	@																	
Fiber Cake (mm)																			
Sand Content (%)																			
Total Solids (%)	8.75	8.125																	
Com. Solids (%)																			
Oil Content (%)																			
M.B.T. (kg/m3)	72	64																	
HGS (kg/m3) / %	0.00 / 0.0	0.00 / 0.0																	
LGS (kg/m3) / %	227.54 / 8.8	211.28 / 8.1																	
Drilled solids (kg/m3)	155.54	147.28																	
Bentonite (kg/m3)																			
Avg. Density (kg/m3)	2600	2600																	
Alkalinity (PFMP)	0.1 / 1.3	0.1 / 1.3																	
Hydroxyl (mg/L)																			
Carbonate (mg/L)	132	132																	
Bicarbonate (mg/L)	1318	1293																	
Total Hardness (mg/L)	120	120																	
Chlorides (mg/L)	1000	1000																	
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)	0.50	0.25																	

Summary of Activity - Comments, Observations, Pilot Tests

Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.

Feb 22 2010 : Drilled ahead 311mm Surface Hole from 105m to 197m. Wiper tripped to inspect bit C/O and RIH w/Bit #2. Washed 185m-197m. Continued drilling ahead to 295m at midnight.

Feb 23 2010 : Drilled ahead from 295m-391.4m. Cond/circ'd. POOH. RIH, kelly'd up and reamed/conditioned mud at 100-110m. RIH. Circulated out mudring. Conditioned mud.

Recommended Treatment - Suggestions

WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.

Today's Additions :

System Maintenance :

- After wiper trip, add 10 L/min fresh water. If required, mix 1 sx MF Visc and 10 sxs Gel to increase FV to 65-70sec/L.
- For Cement : Isolate add fresh water at 40 L/min and Desco CF at 15 min/sx to reduce FV to 45-50.

Materials Used Since Last Check

Products	Products	Products	Products	
Alkapam A-1103D	Bentonite (Gel)	48	Drilling Detergent	1
Envirofloc	Hyperdrill AF247RD	2	MF - VIS TM	1
Sawdust	Shure Shale	3	Soda Ash (25)	8
Sulphamic Acid	TKPP	1		

Cost Information

Cost Since Last Check	Total Cost to Date
\$3,728.28	\$8,782.67

Marquis Alliance Representatives

T.S.R	Shannon Williams	Trucking Company	Formula Powell - Airdrie
Cell	780-691-2295	Warehouse	Airdrie
Pager/Home #	780-895-2688	Phone #	403-948-6666



Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Energy Trust
Report For	Hale Yardley
Report For	Hale Yardley

Current Activity	WOC		
Date	February 24, 2010	Check Number	6
Spud Date	February 21, 2010	Days From Spud	3
Location	2B-09-80/10-11-30		
Contractor	Precision 436		
Report for	Terry Schaufert		
Report for			

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 Alliance Energy Group Inc. 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 Enlarge %	
Bit No.	1	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Open Hole Ann Vel	Flow	Linear Ann Vel	Flow	Casing Ann Vel	Flow	Pipe Cap Ann Vel	1.2	Circulation Time	
Bit Size (mm)	200					D.C.				N/A		N/A		N/A		N/A	6.3	BTMs Up: 5	
Type						D.C.	60.0	165.0	68.0	135.7	TUR	N/A		N/A		Tank	12.5	Total 15	
Nozzles (mm)						D.P.	62.0	133.0	323.0	77.7	TUR	N/A		N/A		Tot. Cir. Vol	20.0	Water Added	
N1:	10.4	N2:	10.4													Open Hole	12.3	Mud Lost	
N3:	10.4	N4:	10.4																
N5:	10.4	N6:	10.4																
N7:		N8:																	
TFA	510																		
Depth In																			
Depth Out																			
Hrs. on Bit																			
Drill Rate																			
R.P.M.						HHP			33.74										
WOB (daN)						% Pressure at Bit			19.61										
Nozzle Vel	44.5																		
Bit Press.	1109																		
Summary of Activity - Comments, Observations, Pilot Tests																			
Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.																			
Feb 23 2010 : Drilled ahead from 295m-391.4m. Cond/circ'd. POOH. RIH, Kelly'd up and reamed/conditioned mud at 105-123m. RIH. Circulated out mudring. Conditioned mud for 75 visc. Hoist for wiper trip. RIH, circulated on bit while waiting on long truck.																			
Feb 24 2010 : POOH. Rigged to and RIH w/219mm surface csg. Cemented with good returns to surface. WOC, cut conductor and welded on bowl. Nipped up.																			
Recommended Treatment - Suggestions																			
WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.																			
Drill Out Report : We will be using Floc Tank, not the rig tank, for floc water drilling. Ensure all gates are sealed, using gel if required.																			
1) Isolate to #2 suction compartment. Fill tank with 10m3 of water. Pretreat water with 5 sxs Sulphamic Acid.																			
Fill 2 compartments of Floc Tank with stripped fluid and prepare for drillout.																			
2) Drill out cement, float and shoe with water in isolated suction tank. We will leave Calcium levels high as we are floc water drilling until 1100-1200m.																			
3) Check pH, if required mix Sulphamic Acid at 10 min/sx to reduce pH to 9-10.																			
4) Fill one injection tank w/4m3. Mix in 20 visc cups of Alkapam 1103RD and allow to hydrate 1 hr before use.																			
5) Start injecting Alkapam 1103RD at 10-15 L/min to maintain clear water.																			
6) Use stripped back fluid from 400bbl for make up volume, blend into Floc Tank as needed for desired PVT.																			
Severe to total losses are expected at +-550 m. When encountered, bypass floc tank and isolate system to suction compartment, feeding fresh water from 400bbl tanks as needed to maintain volume until circulation is regained.																			
Materials Used Since Last Check																			
Products				Products				Products				Products							
Hydroxyl (mg/L)				Alkapam A-1103D	3	Bentonite (Gel)	14	Calcium Carbonate 0											
Carbonate (mg/L)	12			Calcium Carbonate 3	17	Caustic Soda	1	Desco											
Bicarbonate (mg/L)	830			Envirofloc	3	Hyperdrill AF247RD	1	MF - VIS TM											
Total Hardness (mg/L)	600			TKPP	1														
Chlorides (mg/L)	700																		
Potassium (mg/L)																			
0.2 N HCl / 2.0 N HCl (cc/s)																			
Silicate % w/v / Silicate %																			
Clear Fluid Density (g/m3)	1000																		
Cost Information																			
Cost Since Last Check				\$6,698.10				Total Cost to Date				\$15,480.77							
Marquis Alliance Representatives																			
T.S.R				Shannon Williams				Trucking Company				Formula Powell - Airdrie							
Sulphur Sulfides				Cell				Warehouse				Airdrie							
Polymer (g/m3)				Pager/Home #				780-895-2688				Phone #							
												403-948-6666							



Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Energy Trust
Report For	Hale Yardley
Report For	Hale Yardley

Current Activity	Drilling Ahead 200mm Intermediate Hole		
Date	February 25, 2010	Check Number	7
Spud Date	February 21, 2010	Days From Spud	4
Location	2B-09-50/10-11-30		
Contractor	Precision 436		
Report for	Terry Schaufert		
Report for			

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 Alliance Energy Group Inc. 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 Enlarge %	
Bit No.	1	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Open Hole Ann Vel.	Flow	Liner Ann Vel.	Flow	Casing Ann Vel.	Flow	Pipe Cap.	1.2	Circulation Time					
Bit Size(mm)	200	Surface	206.0	219.0	391.0	D.C.										N/A	Ann Vol.	7.2	BTM's Up	5			
Type						D.C.	60.0	165.0	68.0	130.7	TUR		N/A	109.8	TUR	Tank	48.0	Total	43				
Nozzles (mm)						D.P.	62.0	133.0	328.0		N/A		N/A	67.5	TUR	Tot. Ct. Vol	56.4	Water Added					
N1:	10.3	N2:	10.3													Open Hole	0.2	Mud Lost					
N3:	10.3	N4:	10.3																				
N5:	10.3	N6:	10.3																				
N7:	10.3	N8:																					
TFA	583																						
Depth In	391																						
Depth Out																							
Hrs. on Bit	20.0																						
Drill Rate	25.0																						
R.P.M.	100																						
WOB (daN)	4																						
Nozzle Vel	37.5																						
Bit Press.	786																						
Mud System	WaterBasedMud				Summary of Activity - Comments, Observations, Pilot Tests																		
Depth MD / TVD (m)	396	/	396	/	Remarks: Hole conditions tripping & drilling, Cuttings description, Torque & drag, Reaming; Bridges, etc.																		
Time Sample Taken	17:00				Feb 24 2010 : POOH. Rigged to and RIH w/219mm surface csg. Cemented with good returns to surface.																		
Flowline Temp (C)					Feb 25 2010 : WOC, cut conductor and welded on bowl. Nipped up, pressure tested BOP's. RIH, tagged cement @ 375m. Drilled out cement, float and shoe. Drilled ahead 200mm hole from 391m to 535m at midnight.																		
Funnel Viscosity (sec/1)	28				Recommended Treatment - Suggestions																		
Mud Density (kg/m3)	1010				WHS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.																		
Hyd. Grad. (kPa/m)	9.91				Drill Out Report : We will be using Floc Tank, not the rig tank, for floc water drilling. Ensure all gates are sealed, using gel if required.																		
ECD (kg/m3)	1015				1) Isolate to #2 suction compartment. Fill tank with 10m3 of water. Pretreat water with 5 sxs Sulphamic Acid.																		
pH	8.0				Fill 2 compartments of Floc Tank with stripped fluid and prepare for drillout.																		
Plastic Viscosity (mPa)	2.0				2) Drill out cement, float and shoe with water in isolated suction tank. We will leave Calcium levels high as we are floc water drilling until 1100-1200m.																		
Yield Point (Pa)	0.5				3) Check pH, if required mix Sulphamic Acid at 10 min/sx to reduce pH to 9-10.																		
Gel Strength (Pa) 10s/10min	0.5	/	0.5	/	4) Fill one injection tank w/4m3. Mix in 20 visc cups of Alkapam 1103RD and allow to hydrate 1 hr before use.																		
N Low / K low	0.28	/	0.32	/	5) Start injecting Alkapam 1103RD at 10-15 L/min to maintain clear water.																		
N Med / K med	0.74	/	0.03	/	6) Use stripped back fluid from 400bbl for make up volume, blend into Floc Tank as needed for desired PVT.																		
Filtrate (cm3/30min@700kPa)					Severe to total losses are expected at +550 m. When encountered, bypass floc tank and isolate system to suction compartment, feeding fresh water from 400bbl tanks as needed to maintain volume until circulation is regained.																		
Filtrate Cake (mm)					Materials Used Since Last Check																		
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)		@		@	Products																		
Filtrate Cake (mm)					Products																		
Sand Content (%)					Products																		
Total Solids (%)	0.625				Products																		
Corr. Solids (%)					Products																		
Oil Content (%)					Products																		
M.B.T. (kg/m3)					Products																		
HGS (kg/m3) / %	0.00	/	0.0	/	Products																		
LGS (kg/m3) / %	16.25	/	0.6	/	Products																		
Drilled solids (kg/m3)	16.25				Products																		
Bentonite (kg/m3)					Products																		
Avg. Density (kg/m3)	2600				Products																		
Alkalinity (PF/MF)	0.0	/	0.1	/	Products																		
Hydroxyl (mg/L)					Products																		
Carbonate (mg/L)	24				Products																		
Bicarbonate (mg/L)	122				Products																		
Total Hardness (mg/L)	1600				Products																		
Chlorides (mg/L)	800				Products																		
Potassium (mg/L)					Products																		
0.2 N HCl / 2.0 N HCl (cc's)	/		/		Products																		
Silicate% v/v / Silicate %	/		/		Products																		
Clear Fluid Density (kg/m3)	1000				Products																		
SiO2/K2O Ratio					Products																		
Soluble Sulfides	HAC				Products																		
Polymer (kg/m3)					Products																		
Cost Information																							
Cost Since Last Check										\$475.00					Total Cost to Date								
															\$15,955.77								
Marquis Alliance Representatives																							
T.S.R					Shannon Williams					Trucking Company					Formula Powell - Airdrie								
Cell					780-691-2295					Warehouse					Airdrie								
Pager/home #					780-895-2688					Phone #					403-948-6666								



Drilling Fluid Report

Well Name: Para Cameron Hills
Operator: Paramount Energy Trust
Report For: John Williams (ph. 4038602645)

Current Activity: Drilling Ahead 200mm Intermediate Hole
Date: February 26, 2010
Check Number: 8
Spud Date: February 21, 2010
Days From Spud: 5
Location: 2B-09-60/10-11-30
Contractor: Precision 436
Report for: Terry Schaufert

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Bit Record		Casings			Drilling Assembly										Volumes (m3)		Hole Enlarge %		
Bit No.	1	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Open Hole Ann Vel	Flow	Liner Ann Vel	Flow	Casing Ann Vel	Flow	Pipe Cap	2.3	Circulation Time	
Bit Size (mm)	200	Surface	206.0	219.0	391.0	D.C.											17.3	BTM's Up	13
Type						D.C.	60.0	165.0	68.0	130.7	TUR		N/A		N/A	Tank	24.3	Total	33
Nozzles (mm)						H.W.D.P.	62.0	102.0	683.0	56.4	TUR		N/A	52.1	TUR	Tot. Ctr. Vol	43.9	Water Added	
N1	10.3	N2	10.3			D.P.	85.0	102.0	0.0		N/A		N/A		N/A	Open Hole	11.3	Mud Lost	
N3	10.3	N4	10.3																
N5	10.3	N6	10.3																
N7	10.3	N8																	
TFA		583																	
Depth In	391																		
Depth Out																			
Hrs. on Bit	20.0																		
Drill Rate	25.0																		
R.P.M.	100					HHP			23.06										
WOB (daN)	4					% Pressure at Bit			13.90										
Nozzle Vel	37.5																		
Summary of Activity - Comments, Observations, Pilot Tests																			
Bit Press.	786	Check #1	Check #2	Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.															
Mud System	WaterBasedMud	Feb 26 2010 : Drilled ahead from 535m to 751m at mudcheck. Currently mixing to reduce seepage losses and increase FV to 32 sec/L.																	
Depth MD / TVD (m)	751	/	751	/															
Time Sample Taken	13:21																		
Flowline Temp (C)	21																		
Funnel Viscosity (sec/L)	29																		
Mud Density (kg/m3)	1010																		
Hyd. Grad. (kPa/m)	9.91																		
ECD (kg/m3)	1013																		
pH	8.0																		
Plastic Viscosity (mPa)	2.0																		
Yield Point (Pa)	0.5																		
Gel Strength (Pa) 10s/10min	0.5	/	0.5	/															
N Low / K low	0.28	/	0.32	/															
N Med / K med	0.74	/	0.03	/															
Filtrate (cm3/30min@700kPa)																			
Filtrate (mm)																			
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@	@																	
Filtrate (mm)																			
Sand Content (%)																			
Total Solids (%)	0.625																		
Corr. Solids (%)																			
Oil Content (%)																			
M.B.T. (kg/m3)																			
HGS (kg/m3) / %	0.00	/	0.0	/															
LGS (kg/m3) / %	16.25	/	0.6	/															
Drilled solids (kg/m3)	16.25																		
Bentonite (kg/m3)																			
Avg. Density (kg/m3)	2600																		
Alkalinity (PF/MF)	0.0	/	0.1	/															
Hydroxyl (mg/L)																			
Carbonate (mg/L)	12																		
Bicarbonate (mg/L)	122																		
Total Hardness (mg/L)	1080																		
Chlorides (mg/L)	900																		
Potassium (mg/L)																			
0.2 N HCl / 2.0 N HCl (cc's)	/	/																	
Silicate % v/v / Silicate %	/	/																	
Clear Fluid Density (kg/m3)	1000																		
SIQ2:X2O Ratio																			
Soluble Sulfides	0.00																		
Polymer (kg/m3)	0.00																		
Materials Used Since Last Check																			
Products		Products		Products															
Alkapam A-1103D		1		Citric Acid		5		Drilling Detergent		1									
Hyperdrill AF247RD		1		Sulphamic Acid		13													
Cost Information																			
Cost Since Last Check		\$2,397.99		Total Cost to Date		\$18,353.76													
Marquis Alliance Representatives																			
T.S.R		Shannon Williams		Trucking Company		Formula Powell - Airdrie													
Cell		780-691-2295		Warehouse		Airdrie													
Pager/Home #		780-895-2688		Phone #		403-948-6666													



Drilling Fluid Report

Well Name: Para Cameron Hills
Operator: Paramount Energy Trust
Report For: John Williams (ph. 4038602645)

Current Activity: Drilling Ahead 200mm Main Hole
Date: February 28, 2010
Check Number: 10
Spud Date: February 21, 2010
Days From Spud: 7
Location: 2B-09-60/10-11-30
Contractor: Precision 436
Report for: Terry Schaufert

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Bit Record				Casings				Drilling Assembly								Volumes (m3)		Hole Enlarge %			
BR No.	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Open Hole Ann Vel.	Flow	Ann Vel.	Flow	Ann Vel.	Flow	Pipe Cap.	5.4	Circulation Time				
BR Size (mm)	200	Surface	206.0	219.0	391.0	D.C.					N/A		N/A		N/A	Ann Vel.	30.3				
Type						D.C.	60.0	165.0	68.0	124.6	TUR		N/A		N/A	Tank	48.5				
Nozzles (mm)								H.W.D.P.	62.0	102.0	683.0	53.8	LAM		N/A	Tot. Cr. Vol	84.3				
N1:	10.3	N2:	10.3			D.P.	85.0	102.0	560.0	53.8	LAM		N/A	49.7	LAM	Open Hole	28.9				
N3:	10.3	N4:	10.3			V.G. Readings				Deviation Record				Solids Control Equipment				Pump Data			
N5:	10.3	N6:	10.3			Tail	#1	#2	Depth	Inc	Dk	Type	Name	Screen Size	Screen Size	Screen Size	Screen Size	Model	F-800	F-800	
N7:	10.3	N8:				600	36					Shakers	Mongoose	200	110	110		Linear Dia	152	152	
TFA	583																	Stroke	203	203	
Depth in	391																	Output (m3/hr)	0.0125	0.0125	
Depth Out																		6 P.M.	101		
Hrs. on Bl.	44.0																	Output (m3/hr)	1.250		
Drill Rate	20.0																	Total Output (m3/hr)	1.250		
R.P.M.	100																	Press. (kPa)	5279		
WOB (daN)	4																				
Nozzle Vel.	35.7																				
Bit Press.	760																				
Check #1				Check #2				Summary of Activity - Comments, Observations, Pilot Tests													
WaterBasedMud								Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.													
Depth MD / TVD (m)				1311 / 1311				Feb 27 2010 : Drilled ahead to 950m, shut in system and started mudding up. Mixed Kelxan, Pac R, Stardrill, Shure Shale and Lignite to condition mud. Tight hole encountered at 966m. Mixed detergent to reduce stickiness at shakers. Continued mudding up system and drilled ahead to 1046m. Conditioned mud and POOH for wiper trip to shoe. No problems reported. RIH, continued drilling ahead 200mm main hole to 1169m.													
Time Sample Taken				09:00				Feb 28 2010 : Continued drilling ahead from 1169m to 1311m at mudcheck. Fluid foaming, shut centrifuge down for several circs to even out system. Dumping 12m3 mud and adding 12m3 fresh H2O.													
Flowline Temp (C)				24																	
Funnel Viscosity (sec/L)				40																	
Mud Density (kg/m3)				1075																	
Hyd. Grad. (kPa/m)				10.55																	
ECD (kg/m3)				1104																	
pH				8.7				Recommended Treatment - Suggestions													
Plastic Viscosity (mPa)				11.0				VAMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.													
Yield Point (Pa)				6.7				Today's Additions :													
Gel Strength (Pa) 10s/10min				3.0 / 4.0				-Transfer 12m3 mud to United tank. Empty #1 suction, then add 11m3 fresh water. Add premixed fluid from pill tank and mix to increase FV to 80 sec/L with Kelxan XCD and Drispac R at 1:2. Bleed into system over 2 full circs to increase FV of active to 50-55 sec/L and maintain.													
N Low / K low				0.40 / 1.83				- Mix to increase pH to 10-10.5 with Caustic Soda, mixed 1 sx per circ via chem barrel.													
N Med / K med				0.53 / 0.94				Maintain for Drilling: Please use Floc Water from United tank for make up where possible.													
Filtrate (cm3/30min @ 700kPa)				3.5				1. Viscosity @ 50-55 s/l with Kelxan and Ultra Pac R, mixed @ 1:2 ratio evenly over full circs.													
Filter Cake (mm)				0.5				2. Mix 1-2 sx Hyperdrill 247 per 12 hr shift while drilling ahead.													
RTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)				@				3. Maintain pH @ 9-9.5 with caustic through chemical barrel with cold water in chem barrel. 1sx/circ.													
Filter Cake (mm)								4. Fluid loss @ 6-8cc with ultrapac, stardrill and lignite @ 1:2:3 ratio evenly over full circs.													
Sand Content (%)								5. Density at 1080-1100 until 100m from TD. Allow to increase to 1120-1140 kg/m3 before wiper trip.													
Total Solids (%)				4.6875				6. Run water @ 5-10 litres a minute to keep system hydrated.													
Corr. Solids (%)								7. Prior to penetrating the Sulphur Point formation, ensure we increase pH to 10-10.5 using Caustic Soda, mixed via chem barrel 1 sx per circ as required.													
Oil Content (%)								Check pH frequently and mix Caustic Soda as needed.													
M.B.T. (kg/m3)				40				Materials Used Since Last Check													
HGS (kg/m3) / %				0.00 / 0.0				Products													
LGS (kg/m3) / %				121.89 / 4.7				Products													
Drilled solids (kg/m3)				81.89				Products													
Bentonite (kg/m3)								Products													
Avg. Density (kg/m3)				2600				Products													
Alkalinity (PPH/F)				0.8 / 2.2				Products													
Hydroxyl (mg/L)								Products													
Carbonate (mg/L)				960				Calcium Carbonate 0													
Bicarbonate (mg/L)				732				Hyperdrill AF247RD													
Total Hardness (mg/L)				300				Sawdust													
Chlorides (mg/L)				1100				Ultra Pac R													
Potassium (mg/L)								Ultra Pac R													
0.2 N HCl / 2.0 N HCl (cc's)				/ /				Cost Information													
Silicate % v/v / Silicate %				/ /				Cost Since Last Check													
Clear Fluid Density (kg/m3)				1000				\$13,629.21													
SiO2:X2O Ratio								Total Cost to Date													
Soluble Solids				0.00				\$35,115.86													
Polymer (kg/m3)				0.50				Marquis Alliance Representatives													
								T.S.R													
								Shannon Williams													
								Trucking Company													
								Formula Powell - Airdrie													
								Cell													
								780-691-2295													
								Warehouse													
								Airdrie													
								Pager/Home #													
								780-895-2688													
								Phone #													
								403-948-6666													



Drilling Fluid Report

Well Name: Para Cameron Hills
Operator: Paramount Energy Trust
Report For: John Williams (ph. 4038602645)

Current Activity: TD - Condition for Wiper Trip
Date: March 1, 2010
Check Number: 11
Spud Date: February 21, 2010
Days From Spud: 8
Location: 2B-09-60/10-11-30
Contractor: Precision 436
Report for: Terry Schaufert

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 Alliance Energy Group Inc. 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 Enlarge %	
Bit No.	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Ann Vel.	Flow	Ann Vel.	Flow	Ann Vel.	Flow	Pipe Cap.	6.6	Circulation Time	
BR Size (mm)	200	Surface	206.0	219.0	391.0	D.C.									N/A	34.9	BTM's Up: 28	
Type						D.C.	60.0	165.0	68.0	123.3	LAM				N/A	10.0	Total: 42	
Nozzles (mm)																		
N1:	10.3	N2:	10.3															
N3:	10.3	N4:	10.3															
N5:	10.3	N6:	10.3															
N7:	10.3	N8:																
V.G. Readings					Deviation Record					Solids Control Equipment					Pump Data			
TFA	583																	
Depth In	391																	
Depth Out	1510																	
Hm. on Bt.																		
Drill Rate	0.0																	
R.P.M.																		
WOB (daN)																		
Nozzle Vel	35.4																	
Summary of Activity - Comments, Observations, Pilot Tests																		
Bit Press.	755	Check #1	Check #2	Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.														
Mud System	WaterBasedMud	Feb 28 2010 : Continued drilling ahead from 1169m to 1311m at mudcheck. Fluid foaming, shut centrifuge down for several circs to even out system. Dumped 11m3 mud and added 11m3 fresh H2O via premix slurry. Continued drilling ahead to 1492m at midnight.																
Depth MD / TVD (m)	1510 / 1510	Mar 1 2010 : Continued drilling ahead from 1492m to 1510m while conditioning mud for wiper trip/logs. Mixed to increase FV to 75 sec/L. Pumped out 4 singles and washed to btm. Currently circ'ing to clean hole.																
Time Sample Taken	01:00																	
Flowline Temp (C)	25																	
Funnel Viscosity (sec/L)	75																	
Mud Density (kg/m3)	1090																	
Hyd. Grad. (kPa/m)	10.69																	
ECD (kg/m3)	1178																	
pH	10.5																	
Plastic Viscosity (mPa)	28.0																	
Yield Point (Pa)	21.5																	
Gel Strength (Pa) 10s/10min	8.0 / 15.0																	
N Low / K low	0.42 / 5.04																	
N Med / K med	0.47 / 3.94																	
Filtrate (cm3/30min @ 700kPa)	5.0																	
Filtrate Cake (mm)	0.5																	
HTHP FILTRATE @ C (cm3/30 min @ 3500 kPa)	@																	
Filtrate Cake (mm)																		
Sand Content (%)																		
Total Solids (%)	5.625																	
Corr. Solids (%)																		
Oil Content (%)																		
M.B.T. (kg/m3)	40																	
HOS (kg/m3) / %	0.00 / 0.0																	
LGS (kg/m3) / %	146.27 / 5.6																	
Drilled solids (kg/m3)	106.27																	
Bentonite (kg/m3)																		
Avg. Density (kg/m3)	2600																	
Alkalinity (PF/MF)	0.5 / 1.5																	
Hydroxyl (mg/L)																		
Carbonate (mg/L)	576																	
Bicarbonate (mg/L)	659																	
Total Hardness (mg/L)	120																	
Chlorides (mg/L)	1500																	
Potassium (mg/L)																		
0.2 N HCl / 2.0 N HCl (cc's)	/ /																	
Silicate % v/v / Silicate %	/ /																	
Clear Fluid Density (kg/m3)	1000																	
SiO2:H2O Ratio																		
Soluble Sulfides	HAC																	
Polymer (kg/m3)	0.70																	
Materials Used Since Last Check																		
Products		Products		Products		Products		Products		Products		Products		Products		Products		
Caustic Soda		12		Hyperdrill AF247RD		2		Kelzan XCD Polymer		9								
Lignite		6		Sawdust		12		Shure Shale		1								
Stardril		4		Ultra Pac R		18		XL Defoamer		2								
Cost Information																		
Cost Since Last Check		\$11,106.54		Total Cost to Date		\$46,222.40												
Marquis Alliance Representatives																		
T.S.R.		Shannon Williams		Trucking Company		Formula Powell - Airdrie												
Cell		780-691-2295		Warehouse		Airdrie												
Pager/Home #		780-895-2688		Phone #		403-948-6666												



Drilling Fluid Report

Well Name: Para Cameron Hills
Operator: Paramount Energy Trust
Report For: John Williams (ph. 4038602645)

Current Activity: TD - Condition Cement
Date: March 2, 2010
Check Number: 12
Spud Date: February 21, 2010
Days From Spud: 9
Location: 2B-09-60/10-11-30
Contractor: Precision 436
Report for: Terry Schaufert

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 Alliance Energy Group Inc. 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 Enlarge %	
Bit No.	1	Type	ID	OD	Set at(m)	Type	ID	OD	Length	Open Hole Ann Vel.	Flow	Ann Vel.	Flow	Ann Vel.	Flow	Pipe Cap	19.3	Circulation Time					
Bit Gz(mmm)	200	Surface	206.0	219.0	391.0	D.C.						N/A		N/A		N/A	Ann Vel.	25.2	BTM's Up	24			
Type						D.C.						N/A		N/A		N/A	Tank	10.0	Total	52			
Nozzles (mm)						H.W.D.P.						N/A		N/A		N/A	Tot. Cr. Vol	54.5	Water Added				
N1:	10.3	N2:	10.3			D.P.	127.0	139.7	1520.0	65.4	LAM			N/A	58.4	LAM	Open Hole	35.5	Mud Lost				
N3:	10.3	N4:	10.3																				
N5:	10.3	N6:	10.3																				
N7:	10.3	N8:																					
TFA	583																						
Depth In	391																						
Depth Out	1510																						
Hrs. on Bit																							
Drill Rate	0.0																						
R.P.M.																							
WOB (daN)																							
Nozzle Vel	30.1																						
Bit Press.	541																						
Mud System	WaterBasedMud																						
Depth MD / TVD (m)	1520 / 1520																						
Time Sample Taken	22:34																						
Flowline Temp (C)																							
Funnel Viscosity (sec/L)	60																						
Mud Density (kg/m3)	1080																						
Hyd. Grad. (kPa/m)	10.59																						
ECD (kg/m3)	1163																						
pH	STRIP																						
Plastic Viscosity (mPa)	22.0																						
Yield Point (Pa)	11.0																						
Gel Strength (Pa) 10s/10min	5.5 / 9.0																						
N Low / K low	0.28 / 5.71																						
N Med / K med	0.57 / 1.26																						
Filtrate (cm3/30min@700kPa)	6.0																						
Filter Cake (mm)	1.0																						
HTHP FILTRATE @ C (cm3/30 min. @ 3500 kPa)	@																						
Filter Cake (mm)																							
Sand Content (%)																							
Total Solids (%)	5																						
Conn. Solids (%)																							
Oil Content (%)																							
M.B.T. (kg/m3)																							
HGS (kg/m3) / %	0.00 / 0.0																						
LGS (kg/m3) / %	130.02 / 5.0																						
Drilled solids (kg/m3)	130.02																						
Bentonite (kg/m3)																							
Avg. Density (kg/m3)	2600																						
Alkalinity (PP/MF)																							
Hydroxyl (mg/L)																							
Carbonate (mg/L)																							
Bicarbonate (mg/L)																							
Total Hardness (mg/L)	350																						
Chlorides (mg/L)	1500																						
Potassium (mg/L)																							
0.2 N HCl / 2.0 N HCl (cc)																							
SRicate % v/v / SRicate %																							
Clear Fluid Density (kg/m3)	1000																						
SiO2/K2O Ratio																							
Soluble Sulfides	HAC																						
Polymer (kg/m3)	0.50																						

Summary of Activity - Comments, Observations, Pilot Tests

Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.

Mar 1 2010 : Continued drilling ahead from 1492m to 1510m while conditioning mud for wiper trip/logs. Mixed to increase FV to 75 sec/L. Pumped out 4 singles and washed to btm. 1m fill reported. Cond/circ'd and POOH to shoe. RIH, reamed cleaned to btm. Circ'd to condition. POOH for wiper trip #2 to 1030m. RIH. Circ'd hole clean. POOH for logs. Wireline logs : STI/MDA/NEUTRON/SPED/GAMMA.

Mar 2 2010 : Continued logging well to 1511m. RIH, conditioned mud. POOH sideways. P/U and RIH

Recommended Treatment - Suggestions

WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.

For Cement :

Isolate to one suction compartment with 1-2m3 above suction and add water at 40 L/min. Add Desco CF II at 30 min/sx to reduce FV to 50 sec/L.

Put all product together for final count. Tomorrow we will shrink wrap all loose product for rig move.

While transferring fluid to 400bbls, add 3 pails of T352 to kill bacteria in mud.

Thanks,
Shannon

Materials Used Since Last Check

Products		Products		Products	
Alkapam A-1103D	2	Caustic Soda	3	Envirofloc	3
Kelzan XCD Polymer	2	Ultra Pac R	4		

Cost Information

Cost Since Last Check		Total Cost to Date	
\$3,020.74		\$49,243.14	

Marquis Alliance Representatives

T.S.R		Trucking Company	
Shannon Williams		Formula Powell - Airdrie	
Cell	780-691-2295	Warehouse	Airdrie
Pager/Home #	780-895-2688	Phone #	403-948-6666



Drilling Fluid Report

Well Name: Para Cameron Hills
Operator: Paramount Energy Trust
Report For: John Williams (ph. 4038602645)
Report For: Hale Yardley

Current Activity: Rigging out
Date: March 3, 2010
Check Number: 13
Spud Date: February 21, 2010
Days From Spud: 10
Location: 2B-09-60/10-11-30
Contractor: Precision 436
Report for: Terry Schaufert
Report for:

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 Alliance Energy Group Inc. 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 Enlarge %				
Bit No.	1	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Open Hole Ann Vel.	Flow	Liner Ann Vel.	Flow	Casing Ann Vel.	Flow	Pipe Cap	19.3	Circulation Time				
Bit Size (mm)	200	Surface	206.0	219.0	391.0	D.C.				N/A		N/A		N/A		Ann Vol.	25.2	STM's Up	24			
Type						D.C.				N/A		N/A		N/A		Tank	10.0	Total	52			
Nozzles (mm)						H.W.D.P.						N/A		N/A		N/A		Tot. Cr. Vol		54.5	Water Added	
N1:	10.3	N2:	10.3			D.P.	127.0	139.7	1520.0	65.4	N/A		N/A	58.4	N/A	Open Hole	35.5	Mud Lost				
N3:	10.3	N4:	10.3																			
N5:	10.3	N6:	10.3																			
N7:	10.3	N8:																				
TFA	583																					
Depth In	391																					
Depth Out	1510																					
Hrs. on Bit	6																					
Drill Rate	0.0																					
R.P.M.				HHP		0.00																
WOB (daN)				% Pressure at Bit		0.00																
Nozzle Vel	0.0																					
Bit Press	0																					
Summary of Activity - Comments, Observations, Pilot Tests																						
Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.																						
Mar 2 2010 : Continued logging well to 1511m. RIH, conditioned mud. POOH sideways. P/U and RIH w/139.7mm csg. Circulated last jt to btm. Conditioned mud for a 60 visc with Desco and fresh H2O.																						
Mar 3 2010 : WO cementers. Reduced FV to 50 sec/L. Rigged in and cemented with good returns to surface. Begin tearing out.																						
Recommended Treatment - Suggestions																						
WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.																						
For Cement:																						
Isolate to one suction compartment with 1-2m3 above suction and add water at 40 L/min. Add Desco CF II at 30 min/sx to reduce FV to 50 sec/L.																						
Put all product together for final count. Tomorrow we will shrink wrap all loose product for rig move.																						
While transferring fluid to 400bbls, add 3 pails of T352 to kill bacteria in mud.																						
Thanks, Shannon																						
Materials Used Since Last Check																						
Products																						
Products																						
Products																						
Cost Information																						
Cost Since Last Check																						
\$475.00																						
Total Cost to Date																						
\$49,718.14																						
Marquis Alliance Representatives																						
T.S.R																						
Shannon Williams																						
Trucking Company																						
Formula Powell - Airdrie																						
Cell																						
780-691-2295																						
Warehouse																						
Airdrie																						
Pager/Home #																						
780-895-2688																						
Phone #																						
403-948-6666																						



Drilling Fluid Report

Well Name	Para Cameron Hills
Operator	Paramount Energy Trust
Report For	John Williams (ph. 4038602645)

Current Activity	Rigging Out/Waiting on Trucks		
Date	March 4, 2010	Check Number	14
Spud Date	February 21, 2010	Days From Spud	11
Location	2B-09-60/10-11-30		
Contractor	Precision 436		
Report for	Terry Schaufert		

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Bit Record				Casings				Drilling Assembly								Volumes (m3)		Hole Enlarge %											
Bit No.	1	Type	ID	OD	Set at (m)	Type	ID	OD	Length	Open Hole Ann Vel.	Flow	Liner Ann Vel.	Flow	Casing Ann Vel.	Flow	Pipe Cap	19.3	Circulation Time											
Bit Size (mm)	200	Surface	206.0	219.0	391.0	D.C.					N/A		N/A		N/A	Ann Vol.	25.2	BTM's Up	24										
Type						D.C.					N/A		N/A		N/A	Tank	10.0	Total	52										
Nozzles (mm)						H.W.D.P.					N/A		N/A		N/A	Tot. Cr. Vol	54.5	Water Added											
N1:	10.3	N2:	10.3			D.P.	127.0	139.7	1520.0	65.4	N/A		N/A	58.4	N/A	Open Hole	35.5	Mud Lost											
N3:	10.3	N4:	10.3																										
N5:	10.3	N6:	10.3																										
N7:	10.3	N8:																											
TFA	583																												
Depth In	391																												
Depth Out	1510																												
Wrs. on BL																													
Drill Rate	0.0																												
R.P.M.																													
VOB (daN)																													
Nozzle Vel	0.0																												
Summary of Activity - Comments, Observations, Pilot Tests																													
Bit Press.	0			Check #1	Check #2	Remarks: Hole conditions tripping & drilling; Cuttings description; Torque & drag; Reaming; Bridges; etc.																							
Mud System	WaterBasedMud			Mar 3 2010 : WO cements. Reduced FV to 50 sec/L. Rigged in and cemented with good returns to surface. Begin tearing out.																									
Depth MD / TVD (m)	1520 / 1520			Mar 4 2010 : Continued rigging out. Wait on road bans to move. Product to be sent back tonight for final credit.																									
Time Sample Taken	12:21			1 final mudcheck charged for Mar 05 2010 -																									
Flowline Temp (C)																													
Funnel Viscosity (sec/L)																													
Mud Density (kg/m3)																													
Hyd. Grad. (kPa/m)																													
ECD (kg/m3)	0			WHMIS: PROTECTIVE CLOTHING REQUIRED WHEN MIXING CHEMICALS. REFER TO MSDS/LABELS FOR MORE INFORMATION.																									
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 (PF/MF)	/ /																												
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's)	/ /																												
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																			
Alkapam A-1103D					3					Barite					13					Bentonite (Gel)					2				
Calcium Carbonate 0					1					Desco					3					Drilling Detergent					-1				
Envirofloc					11					Hyperdrill AF247RD					2					Kelzan XCD Polymer					-2				
Sawdust					65					Shure Shale					1					Stardril					1				
Sulphamic Acid					-1					T-352 Biocide					1					Ultraseal XP					2				
Cost Information																													
Cost Since Last Check					\$2,354.27					Total Cost to Date					\$52,072.41														
Marquis Alliance Representatives																													
T.S.R.					Shannon Williams					Trucking Company					Formula Powell - Airdrie														
Cell					780-691-2295					Warehouse					Airdrie														
Pager/Home #					780-895-2688					Phone #					403-948-6686														



Daily Completion and Workover

PARA ET AL CAMERON 2B-09

Rig:

Business Unit: NE BC & NWT COU

Report Date: 3/6/2010

Report #: 1.0

Total AFE Amount: 258,544.00

AFE Number: 10N020020

Daily Cost Total: 37,801

Cum Cost to Date: 37,801

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Well Configuration Type VERT	Casing Flange Elevation (m) 808.70	Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete Sulphur Point as oil well

Operations Summary

Move rig and equipment to 2B - 09 , spot and rig up . Install class III BOP stack , run into hole bit and scrapper .

Operations Next Report Period

Road Condition Good	Weather Cloudy	Start Date 3/6/2010	End Date 3/9/2010
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 4408
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
00:01	00:30	0.49	0.49	Held pre - job safety meeting on moving rig and equipment on ice roads . Walk around equipment .
00:30	06:30	6.00	6.49	Move rig and all services to cameron 2B - 09 , spot equipment on location . Wait on construction to fill in rat hole and cellar around well head .
06:30	09:30	3.00	9.49	Rig in rig , pump , tank and accumulator shack . Rig in test vessel and 125 Ft flare stack , rig in air trailer . Surface casing vent flow test good .
09:30	12:00	2.50	11.99	Stump test class III BOP stack low pressure 2,000 kPa and high pressure test 21,000 kPa good test . Nipple down well head , nipple up class III BOP stack function and pressure test to 2,000 kPa and 21,000 kPa . Rig in work floor and tubing equipment , make up bit and scrapper on cat walk . Pressure test casing to 14,000 kPa , monitor for 15 minutes . Good test .
12:00	15:00	3.00	14.99	Run into hole with bit 120mm and scrapper , tally and drift on way into hole . Tag fill @ 1475.5m , rig in pump lines .
15:00	16:30	1.50	16.49	Strip on pack - off head , reverse circulate down casing . Tag hard @ 1475m , continue working scrapper and bit . Made no hole , displace over to clean KCL water . Shut down mud pump , pull and lay down tag joint's . Strip off pack - off head .
16:30	18:30	2.00	18.49	Pull out of hole standing in derrick , lay down bit and scrapper onto cat walk . Clean up around work floor .
18:30	23:59	5.49	23.98	Wait on road bands .
23:59	23:59		23.98	Rig in pure energy e - line truck . Run into hole with CBL bond log , tag plug back @ 1472mKB . Top of cement @ surface . Rig down e - line truck , stand by on location . Rig in casing swab equipment , start casing swabbing .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil			0.00	0.00
Other			0.00	0.00
Water	21.50	21.50	21.50	0.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/7/2010	Sulphur Point, Original Hole	1,463.20	1,466.20	
3/7/2010	Sulphur Point, Original Hole	1,467.50	1,471.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	K-55	35.716	391.00
Production	J-55	20.834	1,518.00



Daily Completion and Workover

PARA ET AL CAMERON 2B-09

Rig:

Business Unit: NE BC & NWT COU

Report Date: 3/7/2010

Report #: 2.0

Total AFE Amount: 258,544.00

AFE Number: 10N020020

Daily Cost Total: 87,607

Cum Cost to Date: 125,408

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Well Configuration Type VERT	Casing Flange Elevation (m) 808.70	Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete Sulphur Point as oil well

Operations Summary

Perforate lower sulphur point dolomite & upper sulphur point dolomite , run into hole selective acid tools . Start acid squeeze

Operations Next Report Period

swab to evaluate

Road Condition Good	Weather Sunny	Start Date 3/6/2010	End Date 3/9/2010
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Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)
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Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 4408
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
00:01	00:30	0.49	0.49	Held safety meeting with all personal on location , walk around equipment .
00:30	04:00	3.50	3.99	Rig in Pure Energy E - line truck , run into hole with CBL bond log tool . Tag plug back @ 1472mKB , log from PBTD to surface . Good cement to surface . Rig down e - line truck , stand by on location .
04:00	07:00	3.00	6.99	Rig in casing swab equipment , swab to rig tank . Total swabs pulled - 17 , total fluid recovered 15.39m3 . Rig down swab equipment .
07:00	07:30	0.50	7.49	Held pre - job safety meeting on wireline operations , walk around equipment .
07:30	11:30	4.00	11.49	Rig in Pure Energy e - line truck , run into hole with 101.6mm ERHSC 3.5m gun , 17 SPM , 25 gram SDP , 60 degree phasing . Log into place @ 1467.5m - 1471mKB , fire gun . Pull out of hole , no pressure on well . Run into hole with 101.6mm ERHSC 3m gun , 17 SPM , 25 gram SDP , 60 degree phasing . Log into place @ 1463.2m - 1466.2mKB , fire gun . Pull out of hole , fluid level @ 1130m . Finish pulling out of hole , rig down and release e - line truck . Note road bands on wait untill 22:00 Pm .
11:30	14:00	2.50	13.99	Run into hole with weatherford selective acid tool's , tubing t surface . Locate casing collar @ 1399m and 1402.5m , confirm depth . Continue running into hole , set tools @ 1472m .
14:00	16:30	2.50	16.49	Rig in Sanjel acid pumper and steel swings to well head , held safety meeting with all personal on location .
16:30	20:30	4.00	20.49	Rig in pump lines , 10.5m3 to break circulation . Pick up on selective acid tools , pulling over . Rig down sanjel iron , work tubing free . Tubing will not pull free , start first acid squeeze . Spot acid @ bottom of tubing , close circulating port . Start wash 200L , pressured up to 2,000 kPa . Monitor for 15 minutes , bleed down to 1,000 kPa . Start squeeze , squeezing away @ 50L / minute @ 6,000 kPa . Bump rate up to 90L / minute @ 9,000 kPa , squeezed 3.5m3 sanjel acid . Pick up on tubing , over pulled 10 daN
20:30	00:00	3.50	23.99	Poor boy jarring on selective tool's , third hit broke free . Rig in sanjel iron to tubing , circulate down acid to bottom of perfs . Shut in circulating port . Pressured up to 7,000 kPa , bleed off to 5,000 kPa . Bump to 7,000 kPa 3 - times , pressure broke . Squeezed 3.3m3 acid @ 150L minute @ 9,000 kPa . Shut down acid pumper , rig down and release .
00:00	00:00		23.99	Selective acid tools still dragging up hole , pull and lay down 1 - joint tubing . Swab packer would not set . Close and lock pipe rams , install working valve on tubing .
00:00	00:00		23.99	Rig in swab equipment and testers to tubing . Pulled first swab @ 02:40 Am , recovered .78m3 .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil			0.00	0.00
Other	7.50	0.00	0.00	7.50
Water	27.50	15.39	36.89	12.11

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/7/2010	Sulphur Point, Original Hole	1,463.20	1,466.20	
3/7/2010	Sulphur Point, Original Hole	1,467.50	1,471.00	

Tubing Components

Item Description	Top (mKB)



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2B-09

Rig:

Business Unit: NE BC & NWT COU

Report Date: 3/7/2010

Report #: 2.0

Total AFE Amount: 258,544.00

AFE Number: 10N020020

Daily Cost Total: 87,607

Cum Cost to Date: 125,408

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	K-55	35.716	391.00
Production	J-55	20.834	1,518.00



Paramount
resources ltd.

Daily Completion and Workover

PARA ET AL CAMERON 2B-09

Rig:

Business Unit: NE BC & NWT COU

Report Date: 3/8/2010

Report #: 3.0

Total AFE Amount: 258,544.00

AFE Number: 10N020020

Daily Cost Total: 25,543

Cum Cost to Date: 150,951

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Well Configuration Type VERT	Casing Flange Elevation (m) 808.70	Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Complete Sulphur Point as oil well

Operations Summary

Swab to vessel to evaluate

Operations Next Report Period

Kill well , trip tubing

Road Condition Good	Weather Cloudy	Start Date 3/6/2010	End Date 3/9/2010
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 4408
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
00:01	02:00	1.99	1.99	Finish rigging out snjel acid pumper , pull and lay down 1 - joint tubing . Try setting swab packer , no luck . Still dragging up hole , close and lock pipe rams .
02:00	02:30	0.50	2.49	Rig in tubing swab equipment , rig in testers to tubing line . Held safety meeting with all personal on location , start swabbing .
02:30	07:00	4.50	6.99	First swab tag fluid @ surface recovered .78m3 water , continue swabbing to vessel . Total swabs pulled - 11 to 06:00 Am , total fluid recovered 9.94m3 . Note fluid to recover 29.39m3 .
07:00	07:30	0.50	7.49	Held pre - job safety meeting on taking samples when swabbing , walk around equipmnet .
07:30	16:00	8.50	15.99	Continue swabbing to vessel , confirm with calgary shut down swabbing @ 16:00 Pm . Total swabs pulled - 49 , total fluid recovered to date 37.83m3 (36.62m3 water & 1.21m3 oil) . Load fluid to recover was 29.39m3 , 8.44m3 recovered from zone (1.21m3 oil & 7.23m3 water) .
16:00	17:00	1.00	16.99	Rig down swab equipment , clean up around well head .
17:00	19:00	2.00	18.99	Monitor pressures on well , take reading's every 30 minutes . SITP @ 53 kPa , SICP @ 0 kPa @ 19:00 Pm
19:00	19:30	0.50	19.49	Crew change , held pre - job safety meeting on monitoring pressures on well .
19:30	00:00	4.50	23.99	Continue monitoring pressures with night shift .
00:00	00:00		23.99	Rig in slickline truck @ 02:00 Am , run into hole gradient . Continue monitor pressures with night shift .

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil	0.00	1.21	1.21	-1.21
Other	0.00	7.50	7.50	0.00
Water	0.00	20.55	57.44	-8.44

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/7/2010	Sulphur Point, Original Hole	1,463.20	1,466.20	
3/7/2010	Sulphur Point, Original Hole	1,467.50	1,471.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	K-55	35.716	391.00
Production	J-55	20.834	1,518.00



Daily Completion and Workover

PARA ET AL CAMERON 2B-09

Rig:

Business Unit: NE BC & NWT COU

Report Date: 3/9/2010

Report #: 4.0

Total AFE Amount: 258,544.00

AFE Number: 10N020020

Daily Cost Total: 66,583

Cum Cost to Date: 217,533

API/UWI 302B-09/6010/117300	Surface Legal Location 302B09/6010/117300	Field Name Cameron Hills	License No. 2071
Well Configuration Type VERT	Casing Flange Elevation (m) 808.70	Ground Elevation (m) 808.25	Original KB Elevation (m) 812.60
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 38	Tubing Pressure (kPa) 101

Objective

Complete Sulphur Point as oil well

Operations Summary

Run gradient to bottom , pull out of well . Kill well , pull out of hole tubing . Run into hole bridge plug , bail 10m cement . Rig down

Operations Next Report Period

Move rig and equipment to N - 06

Road Condition Good	Weather Sunny	Start Date 3/6/2010	End Date 3/9/2010
Head Count	Personnel Total Hours (hrs)	Cum Personnel Total Hours (hrs)	

Daily Contacts

Title	Job Contact	Mobile
P Engineer	Dick Heenan	403 818 - 4408
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
00:01	02:00	1.99	1.99	Continue monitoring pressures on well , SITP @ 85 kPa , SICP @ 13 kPa . 02:00 Am
02:00	07:00	5.00	6.99	Rig in Pure energy slickline truck , held safety meeting with all personal on location . Run into hole with gradient , 5 minute stops @ 100m , 200m , 300m , 400m , 500m , 550m , 600m , 650m , 700m , 750m , 800m , 850 , 900m , 950m , 1000m , 1050m , 1100m , 1150m , 1200m , 1250m , 1300m , 1350m , 1400m . 10 minute stop @ 1425m and 1 - hour @ 1450m . Pull out of hole , down load recorders confirm data good . Confirm with calgary
07:00	07:30	0.50	7.49	Held pre - jpb safety meeting
07:30	10:30	3.00	10.49	Confirm with calgary , data good .
10:30	12:00	1.50	11.99	Held safety meeting with all personal on location , rig in pump lines . Top kill well , strip off pack - off head .
12:00	15:00	3.00	14.99	Pull out of hole 73mm tubing laying onto pipe racks , lay out selective acid tools . Clean up around work floor .
15:00	18:00	3.00	17.99	Rig in Pure Energy E - line truck , run into hole with bridge plug . Log into place @ 1460m , set bridge plug . Pull out of hole , change over tools . Rig in pump line , fill casing 6.77m3 water . Pressure test bridge plug to 17,000 kPa , monitor for 15 minutes good test . Bleed off pressure , run into hole cement bailer , bail 10m grade G cement . Pull out of hole , rig down and release e - line truck .
18:00	19:30	1.50	19.49	Rig down tubing equipment and work floor , nipple down class III BOP stack . Nipple up flowing top section well head , pump 200L down casing . Pressure test top section well head to 5,000 kPa , good test . Bleed off pressure to rig tank .
19:30	22:00	2.50	21.99	Rig down rig , pump , tank and boiler .
22:00	00:00	2.00	23.99	Clean up around well head ,
00:00	00:00		23.99	Move rig and equipment to Cameron Hills n - 06 , spot equipment , un - load 171 - joint's onto pipe racks . 07:00 Am

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Oil			1.21	-1.21
Other			7.50	0.00
Water	6.77	0.00	57.44	-1.67

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/7/2010	Sulphur Point, Original Hole	1,463.20	1,466.20	
3/7/2010	Sulphur Point, Original Hole	1,467.50	1,471.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Surface	K-55	35.716	391.00
Production	J-55	20.834	1,518.00



A CCS 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 06-Mar-2010	Report No: CWS-041-60-3-106	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Paramount et al Cameron	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1504	Csg Size 139.7	Lease Conditions Good	Lease Temperature -2	CC: Approver:
Wellhead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press n/a kPa	Casing Press Dead kPa2	Charge Code 03

From	To	Time	Details Of Operation
00:00	07:00	7.00	Hold pre-job safety meeting w/all personnel. Assist trucks to load support equipment. Move rig and equipment to the above location. Wait on construction to prep area around the wellhead.
07:00	09:30	2.50	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-skills, and air horn. (Good) Fill and fire boiler. Rig in accumulator lines and class 3 system. Complete vent flow bubble test. No bubbles.
09:30	10:30	1.00	Stump test BOPs to 2000 and 21000 kPa for 10 min ea. (Good)
10:30	12:00	1.50	Remove wellhead and install BOP stack. Pressure test BOPs to 2000 kPa and 21000 kPa for 10 min ea. (Good) Rig in and pressure test csg to 14,000 kPa for 15 min. (Good)
12:00	15:00	3.00	Assemble and RIH w/bit and csg scraper. Tag plug back @ 1475.91 mKB.
15:00	17:00	2.00	Strip on pack-off head and rig in to reverse circulate well. Break circulation and attempt to circulate down. Tag hard @ 1475.91 mKB. Circulate over to 3% KCL. Pump 21.5 m3 w/21.5 m3 returned. Strip off pack-off head and lay out 3 jts of 73mm tbg.
17:00	19:00	2.00	POOH and stand 155 jts of 73mm tbg in the derrick. Lay out csg scraper.
19:00	23:59	5.00	Wait on wireline unit.

Safety / BOP

Meeting Details:

Rig move. Spot equipment.
Rig in rig and equipment.
Test and install BOPs.

- ☒ 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 44 sec
SCBA Drill Date: 3/4/2010
Number of SCBA's 2
Number of Fire Ext 4
Pump Relief Valve set @ 21000 kPa
Initial Accumulator Pres.: 14500 kPa
Final Accum. Pressure: 10200 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	12	\$615.00	\$7,380.00
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	220	\$1.05	\$231.00
Extra Labour	Hour	16	\$65.00	\$1,040.00
Extra Labour O/T	Hour	8	\$85.00	\$680.00
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: \$12,011.50

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		Doug	Palmer	12	
Derrickhand-NWT #			Landon	Graham	12	
Derrickhand-NWT #			John	O'Reilly	12	
Floorhand-NWT #1			Christopher	Wilson	12	
Floorhand-NWT #1			Scott	Gregory	12	

Tubing Memo

171 jts of 73mm tbg hauled in.

Fluids Memo

Hauled in 29.5 m3 of 3% KCL

Rods Memo

Totals

Basic Well Cost Total : \$12,011.50
Expendables Cost Total : \$100.00
Third Party Cost Total : \$206.00
Subtotal: \$12,317.50

OC Initial GST(865-985469 RT003) : \$615.88
Estimated Total: \$12,933.38

Rig Time: 12 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 2	Client Paramount Resources Ltd.	Date 07-Mar-2010	Report No: CWS-041-60-3-107	PO# Accl. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron 2B-09	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1504	Csg Size 139.7	Lease Conditions Good	Lease Temperature -1	CC: Approver:
Well/Head Connection 73 mm 21 MPa		GPS: H2S	Tubing Press Casing Press	kPa kPa2 Charge Code 03

From	To	Time	Details Of Operation
00:00	03:00	3.00	Rig in Pure Energy. Hold pre-job safety meeting. RIH w/CBL bond log. Tag PBTD @ 1472.0 mKB. Cement top @ surface. Rig out wireline unit.
03:00	07:00	4.00	Rig in and csg swab well. Pull 17 swabs w/15.39 m3 recovered. Rig out csg swab equipment.
07:00	11:30	4.50	Rig in Pure Energy wireline unit. Hold tailgate meeting. Rig in wireline. Hold pre-job safety meeting w/all personnel on location. Ensure all phones, two way radios and pagers are turned off. RIH w/101mm pref gun. Tag fluid level @ 1200.0 mKB. Perforate Lower Sulphur Dolomite 1367.5 - 1371.0 mKB. Perforate Upper Sulphur Dolomite 1363.2 - 1366.2 mKB. perforating @ 1130.0 mKB. Tag fluid level after Rig out wireline unit.
11:30	13:30	2.00	Assemble and RIH w/selective acid tools.
13:30	23:59	10.50	Rig in Sanjel C & A unit. Hold pre-job safety meeting w/all personnel on location. Perform selective acid job as per program.

Safety / BOP

Meeting Details:

Csg swabbing. Wireline operations.
Tripping tbg. Selective acid job.
Swab/flow to evaluate.

- ☐ 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: 3/6/2010
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	12	\$615.00	\$7,380.00
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	220	\$1.05	\$231.00
Extra Labour	Hour	16	\$65.00	\$1,040.00
Extra Labour O/T	Hour	8	\$85.00	\$680.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Swab or Mastervlve	Day	1	\$50.00	\$50.00

Basic Well Costs Total: \$11,936.50

Expendables Costs

Description	Qty	Rate	Total
Saver Rubber	2	\$16.00	\$32.00
140mm Csg Cup	12	\$20.00	\$240.00

Expendable Cost Total: \$272.00

Third Party Cost

Item	Description	Qty	Amount	Total
	Personal Monitors	5	\$30.00	\$150.00
	Well Site Radios	8	\$7.00	\$56.00
	Csg scraper 5 day min	1	\$550.00	\$550.00

Third Party Cost: \$756.00

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		Doug	Palmer	12	
Derrickhand-NWT #:			Landon	Graham	12	
Derrickhand-NWT #:			John	O'Reilly	12	
Floorhand-NWT #1			Christopher	Wilson	12	
Floorhand-NWT #1			Scott	Gregory	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$11,936.50

Expendables Cost Total : \$272.00

Third Party Cost Total : \$756.00

Subtotal: \$12,964.50

OC Initial GST(865-985469 RT003) : \$648.23

Estimated Total: \$13,612.73

Rig Time: 12 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 3	Client Paramount Resources Ltd.	Date 08-Mar-2010	Report No: CWS-041-60-3-108	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron 2B-09	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1504	Csg Size 139.7	Lease Conditions Good	Lease Temperature -3	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
00:00	17:00	17.00	Hoist tbg and position TE @ 1461.04 mKB. Rig in to swab tbg to testers. Pull 49 swabs w/37.83 m3 recovered. Rig out swab equipment.
17:00	23:59	7.00	Monitor wellhead pressures. Wait on slickline unit.

Safety / BOP

Meeting Details:

Swab well to test vessel.
Monitor pressures.

- ☒ 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: 3/6/2010
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	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	220	\$1.05	\$231.00
Extra Labour	Hour	16	\$65.00	\$1,040.00
Extra Labour O/T	Hour	8	\$85.00	\$680.00
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: \$11,161.50

Expendables Costs

Description	Qty	Rate	Total
Sandline Inhibitor(lit)	18	\$15.00	\$270.00
Saver Rubber	4	\$16.00	\$64.00
73mm Swap Cup	16	\$35.00	\$560.00

Expendable Cost Total: \$894.00

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		Doug	Palmer	11	
Demickhand-NWT #			Landon	Graham	12	
Demickhand-NWT #			John	O'Reilly	11	
Floorhand-NWT #1			Christopher	Wilson	11	
Floorhand-NWT #1			Scott	Gregory	11	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total : \$11,161.50

Expendables Cost Total : \$894.00

Third Party Cost Total : \$206.00

Subtotal: \$12,261.50

OC Initial GST(865-985469 RT003) : \$613.08

jtuttle Estimated Total: \$12,874.58

Rig Time: 11 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 4	Client Paramount Resources Ltd.	Date 09-Mar-2010	Report No: CWS-041-60-3-109	PO# Acct. No.
Operator Rep. Kim MacLeod	Well Name Location Paramount et al Cameron 2B-09	Prov: NT	MWO#: AFE#: Cameron	
Well Depth 1504	Csg Size 139.7	Lease Conditions Good	Lease Temperature -12	CC: Approver:
Wellhead Connection 73 mm 21 MPa	GPS: H2S	Tubing Press 79 kPa Casing Press 4 kPa2	Charge Code 03	

From	To	Time	Details Of Operation
19:00	23:59	5.00	Drain and winterize pump and lines. Rig out rig and equipment. Rig out class 3 accumulator. Cool and drain boiler. Prepare to move.
00:00	02:00	2.00	Wait on slickline unit.
02:00	07:30	5.50	Hold tailgate meeting. Spot and rig in slickline unit. Hold pre-job safety meeting w/all personnel on location. RIH and perform static gradient as per program. Rig out slickline unit.
07:30	10:30	3.00	Wait on orders.
10:30	12:30	2.00	Hold pre-job safety meeting. Rig in and pump 3.02 m3 down tbg. Tbg pressures up. Rig in and pump 9.66 m3 down csg. Hoist tbg and open unloader valve. Csg and tbg go on vac. Complete 10 min flow check. (Good) Strip off pack-off head and prepare to trip tbg.
12:30	15:00	2.50	POOH w/73mm tbg sideways. Break down and lay out selective acid tools.
15:00	17:30	2.50	Spot Pure Energy wireline unit. Hold tailgate meeting. Rig in wireline. Hold pre-job safety meeting w/all personnel on location. Ensure all phones, two way radios, and pagers are turned off. RIH and set bridge plug @ 1360.0 mKB. Rig in to fill csg. Pump 6.77 m3 of inhibited water. Pressure test to 17 mPa for 10 min. (Good) RIH and dump bail 10 m of class G cement on plug. Rig out wireline. Pump 150 liters of diesel down csg.
17:30	19:00	1.50	Hoist and remove BOPs and install wellhead. Rig in and pressure test flange connection to 5,000 kPa. (Good)

Safety / BOP

Meeting Details:

Slickline operations.
Well kill operations. Tripping tbg.
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 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: 3/6/2010
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	12	\$615.00	\$7,380.00
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	220	\$1.05	\$231.00
Extra Labour	Hour	16	\$65.00	\$1,040.00
Extra Labour O/T	Hour	8	\$85.00	\$680.00
Boiler (fuel out) 24 Hr BC	Day	1	\$1,600.00	\$1,600.00
Basic Well Costs Total:				\$11,886.50

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	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		Doug	Palmer	12	
Derrickhand-NWT #			Landon	Graham	12	
Derrickhand-NWT #			John	O'Reilly	12	
Floorhand-NWT #1			Christopher	Wilson	12	
Floorhand-NWT #1			Scott	Gregory	12	

Tubing Memo

Fluids Memo

Rods Memo

Totals

Basic Well Cost Total :	\$11,886.50
Expendables Cost Total :	\$0.00
Third Party Cost Total :	\$206.00
Subtotal:	\$12,092.50
OC Initial GST(865-985469 RT003):	\$604.63
Estimated Total:	\$12,697.13

Rig Time: 12 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 2B-09

UWI: 60-10-117-30

FIELD: Cameron Hills

FORMATION: Upper/Lower Sulphur Point

Test/Prod Intervals:	1463.2 - 1466.2	mKB
	1467.5 - 1471.0	mKB

TEST DATE (s): March 6-9, 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 2B-09		
Unique Well ID (UWI):	60-10-117-30		
Surface Location:		EUB Well License No.:	
Formation:	Upper/Lower Sulphur Point	Drilling Leg:	01
Field:	Cameron Hills		

Well Fluid Type at Test Date:	☒ X	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:	9-Mar-10 15:45		
		Previous Gas Prod.:	0.0000 10 ³ m ³
		Gas Flared:	0.0000 10 ³ m ³
Test/Prod. Interval Top mKB (Log):	1463.20 m	Gas Incinerated:	0.0000 10 ³ m ³
Test/Prod. Interval Base mKB (Log):	1471.00 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: 124000
 API (Oil Gravity): 31.7

Liquid Meter2

Liquid Type Indicator: Oil/Condensate
 Metering Device Type: Produced Volume
 Tank Measurement Indicator: Incremental

PRD File Name: 2B-09-Upper Lower Sulphur Point-PRD-2010-03-09

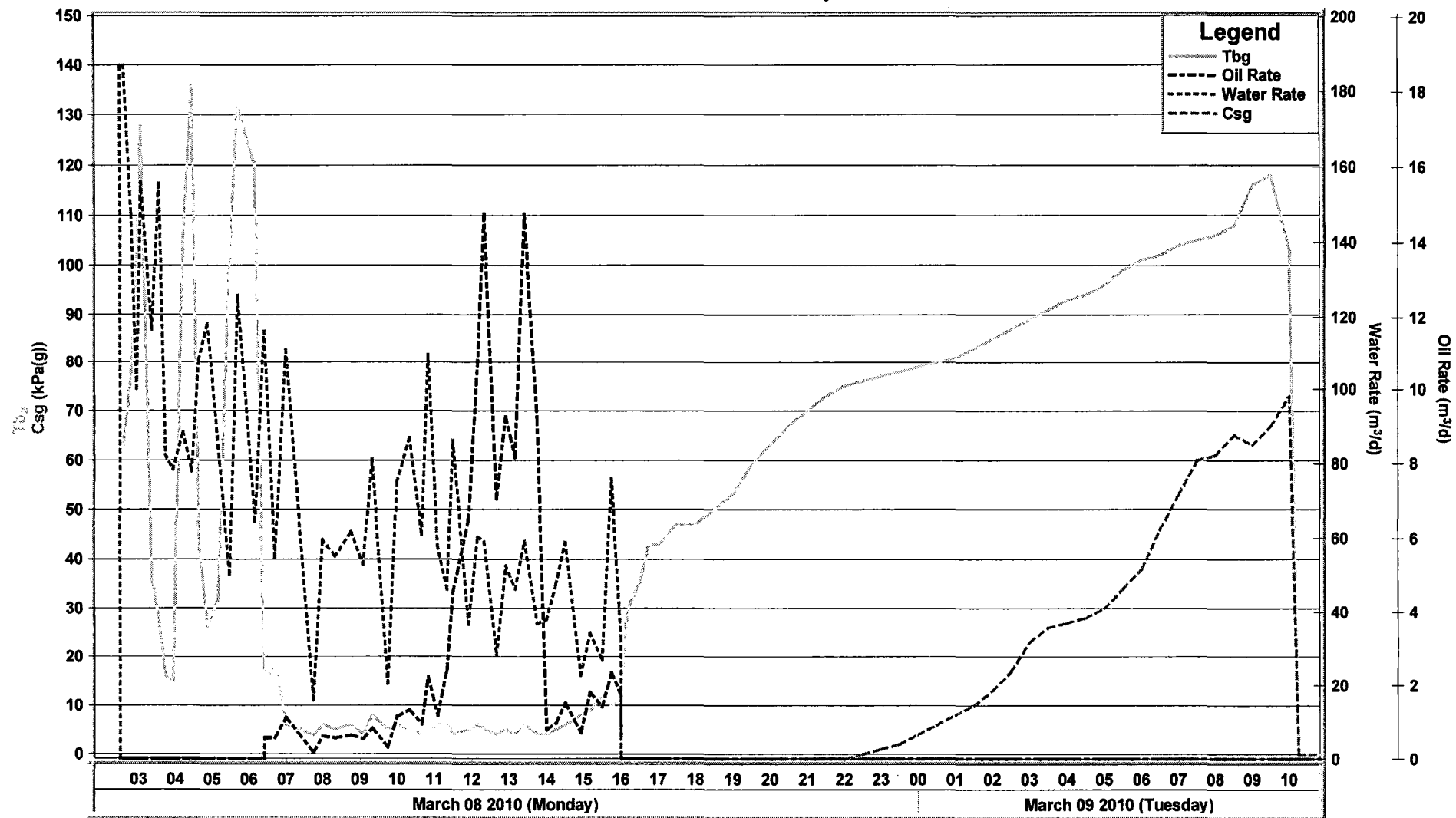
REMARKS

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: ARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/03/06 07:00
 End Date/Time: 2010/03/09 15:45

Well / Lease Name: PARA et al CAMERON
 Formation: UPPER/LOWER SULPHUR POINT
 Pool: 1463.2-1466.2, 1467.5-1471.0 mKB
 Job Number: 1025

Swab/Clean Up



Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/03/06 07:00
 End Date/Time: 2010/03/09 15:45

Well / Lease Name: PARA et al CAMERON 2B-09
 Formation: UPPER/LOWER SULPHUR POINT
 Pool: 1463.2-1466.2, 1467.5-1471.0 mKB
 Job Number: 1025

				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	2010/03/06	07:00:00	0.00	ATTEND SAFETY MEETING 9 PERSONAL ON LOCATION																					
2		08:00:00	1.00	PREPARE WELL TO PERFORATE UPPER AND LOWER SULPHUR POINT DOLOMITE																					
3	2010/03/07	08:00:00	25.00	ATTEND SAFETY MEETING 14 PERSONAL ON LOCATION																					
4		09:43:00	26.72	LOWER SULPHUR POINT PERFORATED AT 1467.5 - 1471 METERS																					
5		10:38:00	27.63	UPPER SULPHUR POINT PERFORATED AT 1463.2 - 1466.2 METERS																					
6		11:00:00	28.00	RIG OUT WIRE LINE UNIT / RUN IN HOLE WITH TUBING																					
7		16:15:00	33.25	ATTEND SAFETY MEETING 15 PERSONAL ON LOCATION																					
8		16:45:00	33.75	CIRCULATE WELL TO TEST UNIT																					
9		19:00:00	36.00	BEGIN ACID TREATMENT OF SULPHUR POINT ZONES																					
10	2010/03/08	00:00:00	41.00	ACID TREATMENT COMPLETE / RIG OUT ACID EQUIPMENT / RIG IN TO SWAB TUBING																					
11		02:00:00	43.00	LOAD FLUID TO RECOVER = 29.39 m ³																					
12		02:30:00	43.50				0.00		0	0.0	0.0	0.000	0.0000				0.000		0.000	0.000	0.000	0.000			
13		02:36:00	43.60	63	-1		0.10							1	148	530	0.779	100.0	0.000	0.000	0.779	0.779			
14		02:48:00	43.80	77	-1		0.30							2	483	846	1.229		0.000	0.000	1.229	2.008			
15		02:57:00	43.95	97	-1		0.45							3	437	802	0.625		0.000	0.000	0.625	2.633			
16		03:04:00	44.07	128	-1		0.57							4	530	976	0.759		0.000	0.000	0.759	3.392			
17		03:22:00	44.37	36	-1		0.87							5	483	846	1.456		0.000	0.000	1.456	4.848			
18		03:33:00	44.55	28	-1		1.05							6	622	976	1.189		0.000	0.000	1.189	6.037	5	40000	
19		03:44:00	44.73	16	-1		1.23							7	622	976	0.628		0.000	0.000	0.628	6.665			
20		03:56:00	44.93	15	-1		1.43							8	712	1061	0.653		0.000	0.000	0.653	7.318			
21		04:13:00	45.22	106	-1		1.72							9	712	1061	1.042		0.000	0.000	1.042	8.360			
22		04:27:00	45.45	136	-1		1.95							10	712	1061	0.757		0.000	0.000	0.757	9.117			
23		04:38:00	45.63	44	-1		2.13							11	802	1145	0.827		0.000	0.000	0.827	9.944	5	90000	
24		04:38:00	45.63	**NOTE** SAMPLES SHOW TRACE OF OIL																					
25		04:53:00	45.88	26	-1		2.38							12	889	1227	1.232		0.000	0.000	1.232	11.176			
26		05:10:00	46.17	32	-1		2.67							13	889	1227	0.999		0.000	0.000	0.999	12.175			
27		05:29:00	46.48	101	-1		2.98							14	802	1145	0.663		0.000	0.000	0.663	12.838			
28		05:42:00	46.70	132	-1		3.20							15	976	1308	1.136		0.000	0.000	1.136	13.974			
29		06:10:00	47.17	120	-1		3.67							16	1103	1466	1.253		0.000	0.000	1.253	15.227	5	80000	
30		06:25:00	47.42	15	-1		3.92							17	1145	1466	1.210		0.000	0.000	1.210	16.437			
31		06:42:00	47.70	18	-1		4.20							18	1145	1466	0.650	99.0	0.007	0.007	0.644	17.080			
32		07:00:00	48.00	6	-1		4.50							19	1145	1466	1.400		0.014	0.021	1.386	18.466			
33		07:10:00	48.17	ATTEND SAFETY MEETING 9 PERSONAL ON LOCATION																					
34		07:45:00	48.75	4	-1		5.25							20	1145	1466	0.500		0.005	0.026	0.495	18.961	5	110000	

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/03/06 07:00
 End Date/Time: 2010/03/09 15:45

Well / Lease Name: PARA et al CAMERON 2B-09
 Formation: UPPER/LOWER SULPHUR POINT
 Pool: 1463.2-1466.2, 1467.5-1471.0 mKB
 Job Number: 1025

				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													
35	2010/03/08	07:45:00	48.75	**NOTE** H²S SAMPLE TAKEN WITH RAE. = 0 ppm																																		
36		08:00:00	49.00	6	-1		5.50							21	1145	1466	0.628		0.006	0.032	0.622	19.583																
37		08:20:00	49.33	5	-1		5.83							22	1145	1466	0.773		0.008	0.040	0.765	20.348	6	142000														
38		08:46:00	49.77	6	-1		6.27							23	976	1308	1.126		0.011	0.051	1.115	21.463																
39		09:05:00	50.08	4	-1		6.58							24	976	1308	0.704		0.007	0.058	0.697	22.160																
40		09:20:00	50.33	8	-1		6.83							25	976	1308	0.853		0.009	0.066	0.844	23.005																
41		09:45:00	50.75	5	-1		7.25							26	976	1308	0.358	98.5	0.005	0.072	0.353	23.357	6	132000														
42		10:00:00	51.00	6	-1		7.50							27	976	1308	0.794		0.012	0.084	0.782	24.139																
43		10:20:00	51.33	5	-1		7.83							28	1061	1387	1.224		0.018	0.102	1.206	25.345																
44		10:40:00	51.67	4	-1		8.17							29	1061	1387	0.860		0.013	0.115	0.847	26.192																
45		10:50:00	51.83	5	-1		8.33							30	1061	1387	0.777	98.0	0.016	0.130	0.761	26.954	6	144000														
46		11:05:00	52.08	6	-1		8.58							31	1061	1387	0.616		0.012	0.143	0.604	27.557																
47		11:20:00	52.33	6	-1		8.83							32	1061	1466	0.505	95.0	0.025	0.168	0.480	28.037																
48		11:30:00	52.50	4	-1		9.00							33	1145	1466	0.630		0.031	0.199	0.599	28.636																
49		11:55:00	52.92	5	-1		9.42							34	1145	1466	0.749	85.0	0.112	0.312	0.637	29.272																
50		12:10:00	53.17	6	-1		9.67							35	1145	1466	0.740		0.111	0.423	0.629	29.901																
51		12:20:00	53.33	5	-1		9.83							36	1145	1466	0.513	80.0	0.103	0.525	0.410	30.312	6	131000														
52		12:40:00	53.67	4	-1		10.17							37	1227	1466	0.490		0.098	0.623	0.392	30.704																
53		12:55:00	53.92	5	-1		10.42							38	1227	1466	0.643	85.0	0.096	0.720	0.547	31.250																
54		13:10:00	54.17	4	-1		10.67							39	1308	1466	0.567		0.085	0.805	0.482	31.732																
55		13:25:00	54.42	6	-1		10.92							40	1308	1466	0.770	80.0	0.154	0.959	0.616	32.348	6	133000														
56		13:45:00	54.75	4	-1		11.25							41	1387	1466	0.639		0.128	1.087	0.511	32.859																
57		14:00:00	55.00	4	-1		11.50							42	1387	1466	0.403	98.0	0.008	1.095	0.395	33.254																
58		14:15:00	55.25	5	-1		11.75							43	1387	1466	0.505		0.010	1.105	0.495	33.749																
59		14:30:00	55.50	6	-1		12.00							44	1387	1466	0.629	97.5	0.016	1.121	0.613	34.362	6	122000	31.7													
60		14:55:00	55.92	8	-1		12.42							45	1308	1466	0.407	97.0	0.012	1.133	0.395	34.757																
61		15:10:00	56.17	9	-1		12.67							46	1308	1466	0.376	95.0	0.019	1.152	0.357	35.114	6	118000														
62		15:30:00	56.50	12	-1		13.00							47	1308	1466	0.392		0.020	1.171	0.372	35.487																
63		15:45:00	56.75	10	-1		13.25							48	1308	1466	0.816	97.0	0.024	1.196	0.792	36.278																
64		16:00:00	57.00	11	-1		13.50							49	1308	1466	0.360	95.0	0.018	1.214	0.342	36.620	6	124000														
65		16:00:00	57.00	SHUT IN TUBING / MONITOR PRESSURES																																		
66		16:05:00	57.08	24	-1		13.50		0	0.0	0.0	0.000	0.0000				0.000		0.000	1.214	0.000	36.620																
67		16:10:00	57.17	29	-1		13.50																															
68		16:15:00	57.25	31	-1		13.50																															

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/03/06 07:00
 End Date/Time: 2010/03/09 15:45

Well / Lease Name: PARA et al CAMERON 2B-09
 Formation: UPPER/LOWER SULPHUR POINT
 Pool: 1463.2-1466.2, 1467.5-1471.0 mKB
 Job Number: 1025

				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	2010/03/08	16:30:00	57.50	35	-1		13.50	0.00										95.0													
70		16:45:00	57.75	43	-1		13.50																								
71		17:00:00	58.00	43	-1		13.50																								
72		17:30:00	58.50	47	-1		13.50																								
73		18:00:00	59.00	47	-1		13.50																								
74		18:30:00	59.50	50	-1		13.50																								
75		19:00:00	60.00	53	-1		13.50																								
76		19:30:00	60.50	59	-1		13.50																								
77		20:00:00	61.00	63	-1		13.50																								
78		20:30:00	61.50	67	-1		13.50																								
79		21:00:00	62.00	70	-1		13.50																								
80		21:30:00	62.50	73	-1		13.50																								
81		22:00:00	63.00	75	-1		13.50																								
82		22:30:00	63.50	76	0		13.50																								
83		23:00:00	64.00	77	1		13.50																								
84		23:30:00	64.50	78	2		13.50																								
85	2010/03/09	00:00:00	65.00	79	4		13.50																								
86		00:30:00	65.50	80	6		13.50																								
87		01:00:00	66.00	81	8		13.50																								
88		01:30:00	66.50	83	10		13.50																								
89		02:00:00	67.00	85	13		13.50																								
90		02:30:00	67.50	87	17		13.50																								
91		03:00:00	68.00	89	23		13.50																								
92		03:30:00	68.50	91	26		13.50																								
93		04:00:00	69.00	93	27		13.50																								
94		04:30:00	69.50	94	28		13.50																								
95		05:00:00	70.00	96	30		13.50																								
96		05:30:00	70.50	99	34		13.50																								
97		06:00:00	71.00	101	38		13.50																								
98		06:30:00	71.50	102	46		13.50																								
99		07:00:00	72.00	104	53		13.50																								
100		07:00:00	72.00	WIRE LINE ON SURFACE / RIG OUT WIRE LINE																											
101		07:30:00	72.50		60		13.50																								
102		07:45:00	72.75	ATTEND SAFETY MEETING 11 PERSONAL ON LOCATION																											

Company: PARAMOUNT RESOURCES LTD.
 Unique Well ID: 60-10-117-30
 Start Date/Time: 2010/03/06 07:00
 End Date/Time: 2010/03/09 15:45

Well / Lease Name: PARA et al CAMERON 2B-09
 Formation: UPPER/LOWER SULPHUR POINT
 Pool: 1463.2-1466.2, 1467.5-1471.0 mKB
 Job Number: 1025

				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		
103	2010/03/09	08:00:00	73.00	106	61		13.50	0.00										95.0									
104		08:30:00	73.50	108	65		13.50																				
105		09:00:00	74.00	116	63		13.50																				
106		09:30:00	74.50	118	67		13.50																				
107		10:00:00	75.00	103	73		13.50																				
108		10:15:00	75.25	0	0		13.50																				
109		10:15:00	75.25	ATTEND SAFETY MEETING 11 PERSONAL ON LOCATION																							
110		10:25:00	75.42	RIG IN TO KILL WELL AND PULL TUBING																							
111		15:45:00	80.75	PLUG SET AT 1460 METERS / RIG OUT TEST EQUIPMENT																							
112				**NOTE** NO GAS SAMPLES TAKEN																							
113				SHUT IN MASTER VALVE, SECURE WELL AND RIG OUT TEST EQUIPMENT																							
114	2010/03/09	15:45:00	80.75	0	0	0.0	13.50		0	0.0	0.0	0.000	0.0000	0	0	0	0.000		0.000	1.214	0.000	36.620					



Company Name **Paramount Resources Ltd.**

Well Name **Para et al 2B-09**
Unique Well ID **2B-09**
Formation **Upper/Lower Sulphur Point**
Well License Number **2071**

Test Type **Static Gradient**
Start Test Date **2010/03/09**
Final Test Date **2010/03/09**

Prepared By **Cory Strang**
Report Date **2010/03/09**



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

Static Gradient

Well Information

Company Name Paramount Resources Ltd.

Well Name Para et al 2B-09

Contact Dick Heenan

Surface Location 2B-09

Unique Well ID 2B-09

Well Type Vertical

Well Fluid Type 01 Oil

H2S Indicator No

KB Elevation (SL) 812.70 m

GL Elevation (SL) 808.30 m

CF Elevation (SL) 808.30 m

KB-GL Offset 4.40 m

KB-CF Offset 4.40 m

Formation Upper/Lower Sulphur Point

Top(Log KB) 1463.20 m Bottom(Log KB) 1471.00 m

Top(TVD KB) 1463.20 m Bottom(TVD KB) 1471.00 m

Test Information

Test Type Static Gradient

Test Purpose (AEUB) Initial Test

Start Test Date 2010/03/09 02:40:00

Final Test Date 2010/03/09 07:18:16

Date Well Shut-In 2010/03/08 16:00:00

Tubing OD 73.0 mm

Tubing ID 62.0 mm

Tubing Depth(Log KB) m

Tubing Depth(TVD KB) m

Tubing Pressure: Initial 182.00 kPa(a)

Tubing Pressure: Final 197.00 kPa(a)

Casing Pressure: Initial 115.00 kPa(a)

Casing Pressure: Final 147.00 kPa(a)

Casing OD 139.7 mm

Casing ID 125.7 mm

Casing Depth(Log KB) 1520.00000 m

Casing Depth(TVD KB) 1520.00000 m

Packer Depth(Log KB) m

Packer Depth(TVD KB) m

PBTD(Log KB) 1504.00 m

PBTD(TVD KB) 1504.00 m

Representative Stephen Weirenga

Prepared By Cory Strang

Qualified By Steve Dawson

Report Date 2010/03/09

Test Results

Gauge Serial Number 80243

Run Depth (Log KB) 1454.40 m

Run Depth (TVD KB) 1454.40 m

Pressure at Stop Depth 5940.25 kPa(a)

MPP Depth 1467.10 m

Representative Pressure at MPP 6079.14 kPa(a)

Reservoir Temperature 58.44 °C

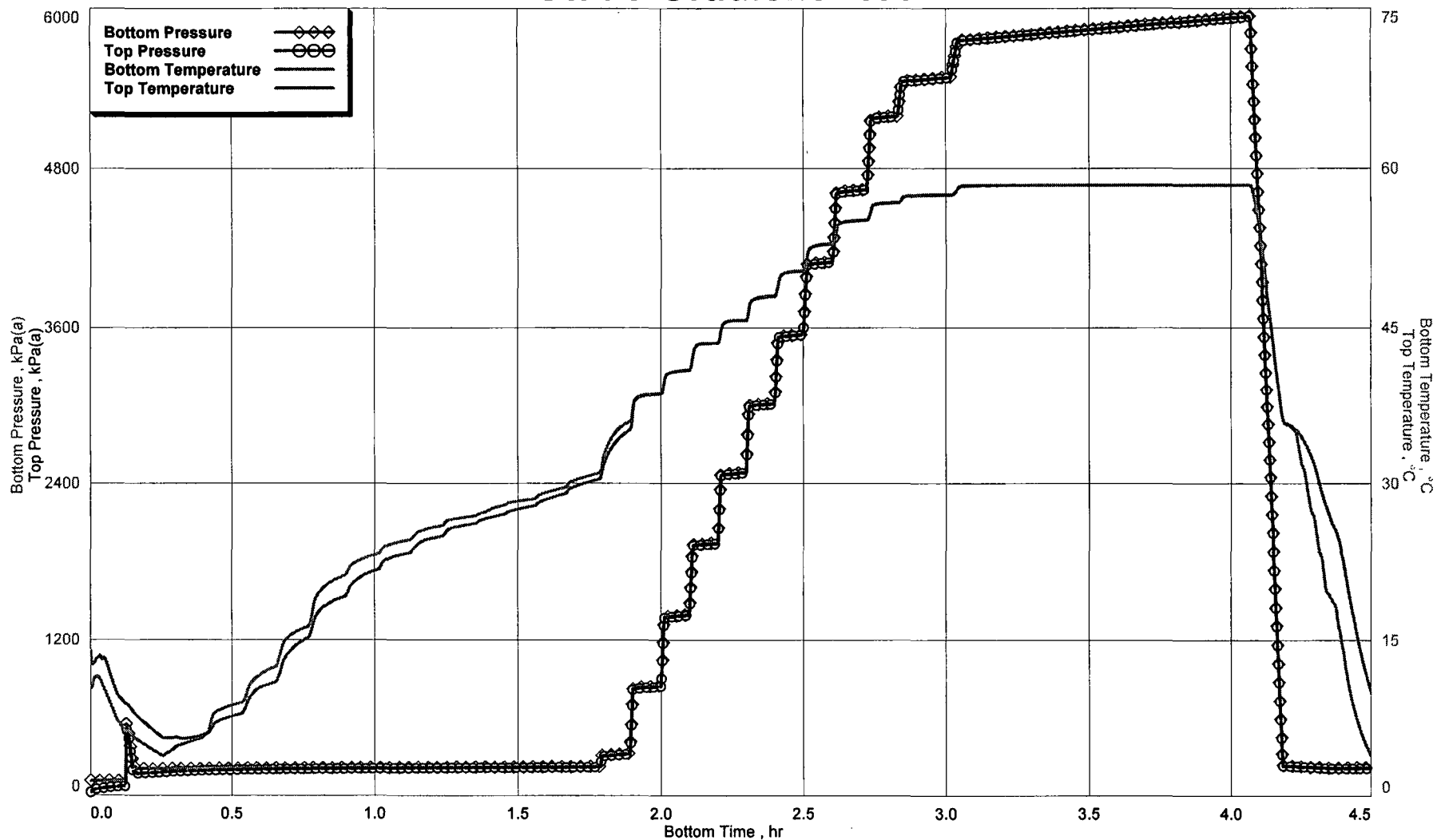
Liquid Level(TVD KB) 950.19 m

Remarks Upper Sulphur Point: 1463.2 - 1466.2 mKB
Lower Sulphur Point: 1467.5 - 1471.0 mKB

Paramount Resources Ltd.
2B-09
Start Test Date: 2010/03/09
Final Test Date: 2010/03/09

Para et al 2B-09
Formation: Upper/Lower Sulphur Point

Static Gradient Plot



Recorder

Company Name	Paramount Resources Ltd.	Well Name	Para et al 2B-09
Unique Well ID	2B-09	Formation	Upper/Lower Sulphur Point
Start Test Date	2010/03/09		
Final Test Date	2010/03/09		

Gauge Name	Bottom	Gauge Type	Electronic
Gauge Serial Number	80243	Gauge Manufacturer	Spartek
Run Depth (TVD KB)	1454.40 m	Gauge Model	SS2500
Date of Last Calibration	2010/01/28	Maximum Recorder Range	41368.00 kPa
Gauge Start Date	2010/03/09	Gauge Start Time	02:40:00
Gauge Stop Date	2010/03/09	Gauge Stop Time	07:18:16
Date Gauge On Bottom	2010/03/09	Time Gauge On Bottom	05:42:55
Date Gauge Off Bottom	2010/03/09	Time Gauge Off Bottom	06:43:55

Gauge Name	Top	Gauge Type	Electronic
Gauge Serial Number	80012	Gauge Manufacturer	Spartek
Run Depth (TVD KB)	1454.15 m	Gauge Model	SS2500
Date of Last Calibration	2010/01/28	Maximum Recorder Range	41368.00 kPa
Gauge Start Date	2010/03/09	Gauge Start Time	02:40:00
Gauge Stop Date	2010/03/09	Gauge Stop Time	07:18:16
Date Gauge On Bottom	2010/03/09	Time Gauge On Bottom	05:42:55
Date Gauge Off Bottom	2010/03/09	Time Gauge Off Bottom	06:43:55

Static Gradient 2010/03/09

Company Name Paramount Resources Ltd.
Well Name Para et al 2B-09

Bottom

Depth	Temp.	Pressure	Gradient	Gradient
m	°C	kPa(a)	kPa/m	°C/m
4.40	3.85	202.72		
104.40	5.47	204.92	0.022	1.62e-02
204.40	8.92	206.28	0.014	3.44e-02
304.40	12.36	207.83	0.015	3.45e-02
404.40	16.25	208.73	0.009	3.89e-02
504.40	21.08	210.20	0.015	4.83e-02
554.40	23.21	211.17	0.020	4.25e-02
604.40	24.56	213.31	0.043	2.71e-02
654.40	25.92	214.89	0.032	2.73e-02
704.40	26.87	215.89	0.020	1.89e-02
754.40	27.90	217.31	0.028	2.06e-02
804.40	28.52	218.53	0.024	1.24e-02
854.40	29.63	219.82	0.026	2.23e-02
904.40	30.85	221.23	0.028	2.45e-02
954.40	35.83	324.71	2.070	9.95e-02
1004.40	38.56	847.98	10.465	5.46e-02
1054.40	40.96	1397.02	10.981	4.81e-02
1104.40	43.54	1944.08	10.941	5.15e-02
1154.40	45.71	2486.15	10.841	4.35e-02
1204.40	48.00	3009.13	10.460	4.58e-02
1254.40	50.37	3549.77	10.813	4.73e-02
1304.40	52.90	4095.91	10.923	5.06e-02
1354.40	55.14	4640.67	10.895	4.49e-02
1404.40	56.79	5190.76	11.002	3.30e-02
1429.40	57.51	5483.22	11.699	2.90e-02
1454.40	58.44	5940.25	18.281	3.71e-02

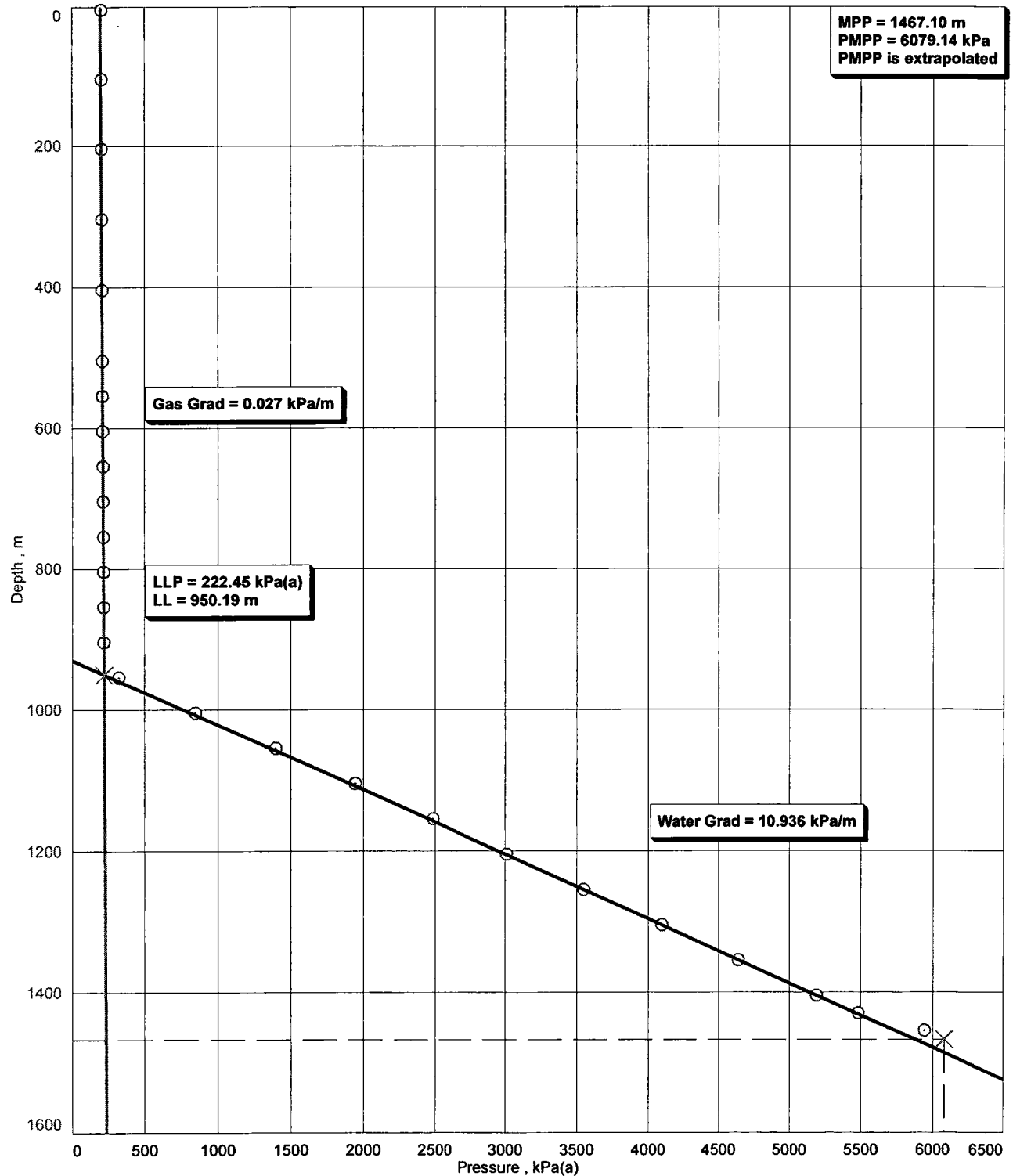
Top

Time	Depth	Temp.	Pressure	Gradient	Gradient
HH:mm:ss	m	°C	kPa(a)	kPa/m	°C/m
02:55:05	4.15	5.68	175.64		
03:03:15	104.15	5.70	188.75	0.131	2.06e-04
03:11:55	204.15	7.84	195.38	0.066	2.14e-02
03:18:55	304.15	10.89	198.71	0.033	3.05e-02
03:25:55	404.15	15.18	201.14	0.024	4.29e-02
03:33:05	504.15	19.12	204.31	0.032	3.94e-02
03:40:15	554.15	21.69	205.80	0.030	5.14e-02
03:46:55	604.15	23.32	207.73	0.039	3.25e-02
03:53:55	654.15	24.92	209.46	0.035	3.21e-02
04:00:55	704.15	26.15	211.42	0.039	2.45e-02
04:06:55	754.15	27.04	212.63	0.024	1.77e-02
04:13:05	804.15	27.84	214.07	0.029	1.60e-02
04:19:55	854.15	29.06	215.55	0.030	2.45e-02
04:25:55	904.15	30.26	216.71	0.023	2.41e-02
04:33:15	954.15	35.00	316.51	1.996	9.48e-02
04:39:45	1004.15	38.52	840.48	10.479	7.03e-02
04:45:45	1054.15	40.91	1389.76	10.986	4.78e-02
04:51:45	1104.15	43.52	1937.37	10.952	5.22e-02
04:57:45	1154.15	45.68	2480.16	10.856	4.32e-02
05:03:45	1204.15	47.93	3003.10	10.459	4.49e-02
05:09:45	1254.15	50.31	3544.27	10.823	4.78e-02
05:15:55	1304.15	52.85	4091.35	10.942	5.07e-02
05:23:05	1354.15	55.09	4636.43	10.902	4.49e-02
05:29:45	1404.15	56.75	5187.10	11.013	3.31e-02
05:40:55	1429.15	57.48	5479.18	11.683	2.92e-02
06:43:55	1454.15	58.40	5936.21	18.281	3.70e-02

Paramount Resources Ltd.
2B-09
Start Test Date: 2010/03/09
Final Test Date: 2010/03/09

Para et al 2B-09
Formation: Upper/Lower Sulphur Point

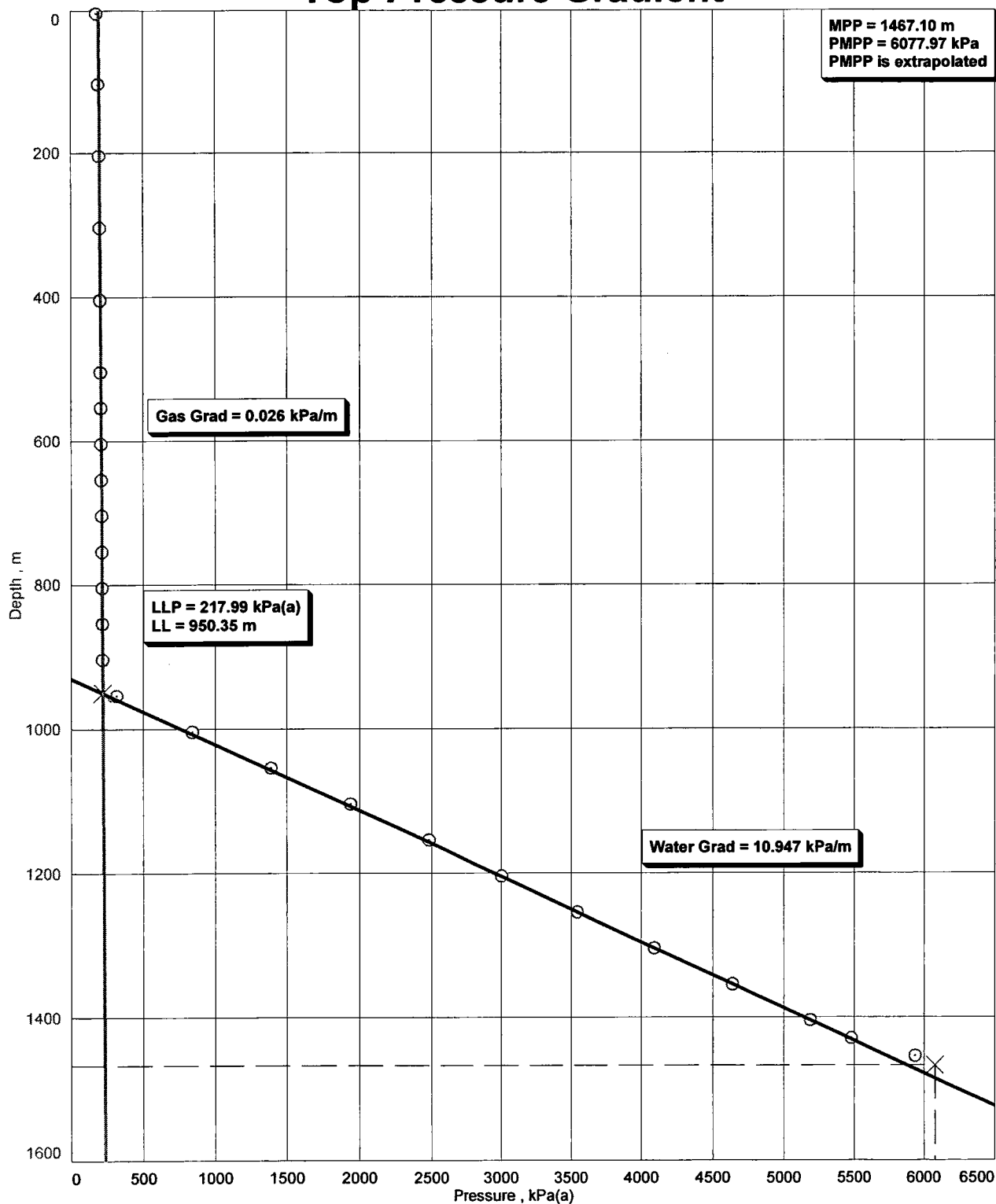
Bottom Pressure Gradient



Paramount Resources Ltd.
2B-09
Start Test Date: 2010/03/09
Final Test Date: 2010/03/09

Para et al 2B-09
Formation: Upper/Lower Sulphur Point

Top Pressure Gradient



Company Name Paramount Resources Ltd.
 Unique Well ID 2B-09
 Start Test Date 2010/03/09
 Final Test Date 2010/03/09

Para et al 2B-09
 Upper/Lower Sulphur Point

	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	2010/03/09 02:40:00	0.0000	109.72	10.32	0.0000	23.10	13.80
2	2010/03/09 02:41:15	0.0208	109.63	11.47	0.0208	45.87	13.20
3	2010/03/09 02:43:25	0.0569	110.37	9.70	0.0569	56.92	12.73
4	2010/03/09 02:45:35	0.0931	111.65	7.30	0.0931	64.44	9.79
5	2010/03/09 02:47:45	0.1292	536.53	6.22	0.1292	494.78	8.79
6	2010/03/09 02:49:55	0.1653	202.10	5.33	0.1653	165.25	7.61
7	2010/03/09 02:52:05	0.2014	202.38	4.69	0.2014	170.05	6.72
8	2010/03/09 02:54:15	0.2375	202.88	4.08	0.2375	174.56	5.91
9	2010/03/09 02:56:25	0.2736	204.04	4.11	0.2736	179.15	5.53
10	2010/03/09 02:58:35	0.3097	204.91	4.78	0.3097	183.36	5.54
11	2010/03/09 03:00:45	0.3458	204.97	5.10	0.3458	186.24	5.49
12	2010/03/09 03:02:55	0.3819	204.67	5.43	0.3819	188.48	5.66
13	2010/03/09 03:05:05	0.4181	206.10	6.12	0.4181	191.45	6.05
14	2010/03/09 03:07:15	0.4542	206.06	8.18	0.4542	192.74	7.16
15	2010/03/09 03:09:25	0.4903	206.35	8.59	0.4903	193.96	7.52
16	2010/03/09 03:11:35	0.5264	206.07	8.88	0.5264	195.35	7.79
17	2010/03/09 03:13:45	0.5625	208.06	10.63	0.5625	197.44	9.41
18	2010/03/09 03:15:55	0.5986	207.72	11.64	0.5986	198.16	10.38
19	2010/03/09 03:18:05	0.6347	207.76	12.21	0.6347	198.63	10.76
20	2010/03/09 03:20:15	0.6708	208.70	13.80	0.6708	200.00	12.04
21	2010/03/09 03:22:25	0.7069	208.62	15.47	0.7069	200.93	14.00
22	2010/03/09 03:24:35	0.7431	208.81	16.02	0.7431	200.92	14.84
23	2010/03/09 03:26:45	0.7792	210.12	17.11	0.7792	202.43	15.95
24	2010/03/09 03:28:55	0.8153	209.91	19.84	0.8153	203.51	18.00
25	2010/03/09 03:31:05	0.8514	210.15	20.62	0.8514	203.87	18.67
26	2010/03/09 03:33:15	0.8875	210.15	21.11	0.8875	204.05	19.06
27	2010/03/09 03:35:25	0.9236	211.20	22.26	0.9236	205.12	20.42
28	2010/03/09 03:37:35	0.9597	211.15	22.80	0.9597	205.34	21.19
29	2010/03/09 03:39:45	0.9958	211.36	23.14	0.9958	205.81	21.63
30	2010/03/09 03:41:55	1.0319	212.47	23.89	1.0319	206.93	22.55
31	2010/03/09 03:44:05	1.0681	212.80	24.26	1.0681	207.44	23.03
32	2010/03/09 03:46:15	1.1042	213.19	24.50	1.1042	207.65	23.25
33	2010/03/09 03:48:25	1.1403	214.11	25.07	1.1403	208.99	23.93
34	2010/03/09 03:50:35	1.1764	214.30	25.59	1.1764	209.21	24.59
35	2010/03/09 03:52:45	1.2125	214.98	25.83	1.2125	209.73	24.81
36	2010/03/09 03:54:55	1.2486	215.46	26.35	1.2486	210.49	25.38
37	2010/03/09 03:57:05	1.2847	215.88	26.63	1.2847	210.76	25.83
38	2010/03/09 03:59:15	1.3208	215.84	26.77	1.3208	210.96	26.01
39	2010/03/09 04:01:25	1.3569	216.68	26.96	1.3569	211.62	26.25
40	2010/03/09 04:03:35	1.3931	216.94	27.38	1.3931	212.29	26.66
41	2010/03/09 04:05:45	1.4292	217.01	27.78	1.4292	212.58	26.90
42	2010/03/09 04:07:55	1.4653	218.08	28.15	1.4653	213.79	27.29
43	2010/03/09 04:10:05	1.5014	218.22	28.32	1.5014	213.43	27.55
44	2010/03/09 04:12:15	1.5375	218.28	28.47	1.5375	213.66	27.77
45	2010/03/09 04:14:25	1.5736	219.26	28.91	1.5736	214.69	28.21

Print Filter: Approximately every 13 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80243	2010/03/09	02:40:00	1454.40 m
Top	80012	2010/03/09	02:40:00	1454.15 m

Company Name Paramount Resources Ltd.
 Unique Well ID 2B-09
 Start Test Date 2010/03/09
 Final Test Date 2010/03/09

Para et al 2B-09
 Upper/Lower Sulphur Point

	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	2010/03/09 04:16:35	1.6097	219.75	29.24	1.6097	215.12	28.59
47	2010/03/09 04:18:45	1.6458	219.80	29.50	1.6458	215.21	28.91
48	2010/03/09 04:20:55	1.6819	220.87	30.12	1.6819	216.48	29.52
49	2010/03/09 04:23:05	1.7181	220.77	30.49	1.7181	216.83	29.89
50	2010/03/09 04:25:15	1.7542	221.17	30.77	1.7542	217.02	30.18
51	2010/03/09 04:27:25	1.7903	266.30	31.19	1.7903	258.75	30.61
52	2010/03/09 04:29:35	1.8264	314.58	34.32	1.8264	306.58	33.38
53	2010/03/09 04:31:45	1.8625	320.31	35.46	1.8625	312.76	34.54
54	2010/03/09 04:33:55	1.8986	701.36	36.39	1.8986	691.84	35.87
55	2010/03/09 04:36:05	1.9347	836.17	38.38	1.9347	828.41	38.28
56	2010/03/09 04:38:15	1.9708	843.10	38.53	1.9708	835.38	38.46
57	2010/03/09 04:40:25	2.0069	1183.72	38.94	2.0069	1174.57	38.95
58	2010/03/09 04:42:35	2.0431	1386.00	40.78	2.0431	1378.99	40.75
59	2010/03/09 04:44:45	2.0792	1393.27	40.93	2.0792	1386.15	40.88
60	2010/03/09 04:46:55	2.1153	1929.92	42.78	2.1153	1923.31	42.82
61	2010/03/09 04:49:05	2.1514	1937.34	43.52	2.1514	1930.75	43.50
62	2010/03/09 04:51:15	2.1875	1942.79	43.54	2.1875	1935.89	43.52
63	2010/03/09 04:53:25	2.2236	2472.55	45.52	2.2236	2466.49	45.49
64	2010/03/09 04:55:35	2.2597	2479.41	45.69	2.2597	2473.45	45.66
65	2010/03/09 04:57:45	2.2958	2486.15	45.71	2.2958	2480.16	45.68
66	2010/03/09 04:59:55	2.3319	2996.73	47.76	2.3319	2991.40	47.71
67	2010/03/09 05:02:05	2.3681	3003.72	47.95	2.3681	2998.08	47.87
68	2010/03/09 05:04:15	2.4042	3223.16	48.14	2.4042	3216.28	48.11
69	2010/03/09 05:06:25	2.4403	3539.14	50.22	2.4403	3533.98	50.19
70	2010/03/09 05:08:35	2.4764	3546.18	50.34	2.4764	3540.88	50.29
71	2010/03/09 05:10:45	2.5125	4076.03	51.68	2.5125	4070.50	51.71
72	2010/03/09 05:12:55	2.5486	4086.68	52.79	2.5486	4081.99	52.73
73	2010/03/09 05:15:05	2.5847	4093.35	52.89	2.5847	4088.72	52.83
74	2010/03/09 05:17:15	2.6208	4622.47	54.66	2.6208	4617.62	54.64
75	2010/03/09 05:19:25	2.6569	4629.86	55.03	2.6569	4624.95	54.98
76	2010/03/09 05:21:35	2.6931	4636.36	55.12	2.6931	4631.86	55.07
77	2010/03/09 05:23:45	2.7292	4852.27	55.31	2.7292	4846.90	55.28
78	2010/03/09 05:25:55	2.7653	5179.42	56.70	2.7653	5175.25	56.64
79	2010/03/09 05:28:05	2.8014	5185.81	56.77	2.8014	5182.03	56.73
80	2010/03/09 05:30:15	2.8375	5297.02	56.84	2.8375	5292.29	56.80
81	2010/03/09 05:32:25	2.8736	5457.60	57.45	2.8736	5454.01	57.40
82	2010/03/09 05:34:35	2.9097	5464.20	57.49	2.9097	5459.74	57.45
83	2010/03/09 05:36:45	2.9458	5470.88	57.51	2.9458	5466.68	57.47
84	2010/03/09 05:38:55	2.9819	5477.08	57.51	2.9819	5473.34	57.48
85	2010/03/09 05:41:05	3.0181	5483.77	57.51	3.0181	5479.76	57.48
86	2010/03/09 05:43:15	3.0542	5761.10	58.36	3.0542	5757.12	58.32
87	2010/03/09 05:45:25	3.0903	5767.48	58.42	3.0903	5763.59	58.36
88	2010/03/09 05:47:35	3.1264	5773.92	58.44	3.1264	5770.17	58.39
89	2010/03/09 05:49:45	3.1625	5780.38	58.44	3.1625	5776.73	58.40
90	2010/03/09 05:51:55	3.1986	5786.84	58.44	3.1986	5783.27	58.40

Print Filter: Approximately every 13 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80243	2010/03/09	02:40:00	1454.40 m
Top	80012	2010/03/09	02:40:00	1454.15 m

Company Name Paramount Resources Ltd.
 Unique Well ID 2B-09
 Start Test Date 2010/03/09
 Final Test Date 2010/03/09

Para et al 2B-09
 Upper/Lower Sulphur Point

	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	2010/03/09 05:54:05	3.2347	5793.24	58.44	3.2347	5789.85	58.40
92	2010/03/09 05:56:15	3.2708	5799.81	58.44	3.2708	5795.99	58.41
93	2010/03/09 05:58:25	3.3069	5806.47	58.44	3.3069	5802.90	58.40
94	2010/03/09 06:00:35	3.3431	5812.76	58.44	3.3431	5809.56	58.41
95	2010/03/09 06:02:45	3.3792	5819.26	58.44	3.3792	5815.61	58.41
96	2010/03/09 06:04:55	3.4153	5825.53	58.44	3.4153	5822.27	58.41
97	2010/03/09 06:07:05	3.4514	5832.28	58.44	3.4514	5828.55	58.41
98	2010/03/09 06:09:15	3.4875	5838.94	58.44	3.4875	5835.05	58.41
99	2010/03/09 06:11:25	3.5236	5845.27	58.44	3.5236	5841.39	58.41
100	2010/03/09 06:13:35	3.5597	5851.75	58.44	3.5597	5847.90	58.41
101	2010/03/09 06:15:45	3.5958	5858.14	58.44	3.5958	5853.96	58.41
102	2010/03/09 06:17:55	3.6319	5864.70	58.44	3.6319	5860.71	58.41
103	2010/03/09 06:20:05	3.6681	5871.02	58.44	3.6681	5866.83	58.40
104	2010/03/09 06:22:15	3.7042	5877.26	58.43	3.7042	5873.56	58.41
105	2010/03/09 06:24:25	3.7403	5883.46	58.44	3.7403	5879.84	58.41
106	2010/03/09 06:26:35	3.7764	5889.80	58.44	3.7764	5886.20	58.40
107	2010/03/09 06:28:45	3.8125	5896.39	58.44	3.8125	5892.43	58.41
108	2010/03/09 06:30:55	3.8486	5902.84	58.43	3.8486	5898.94	58.40
109	2010/03/09 06:33:05	3.8847	5908.91	58.44	3.8847	5905.09	58.41
110	2010/03/09 06:35:15	3.9208	5915.00	58.43	3.9208	5911.52	58.41
111	2010/03/09 06:37:25	3.9569	5921.28	58.44	3.9569	5917.45	58.40
112	2010/03/09 06:39:35	3.9931	5927.58	58.44	3.9931	5924.01	58.41
113	2010/03/09 06:41:45	4.0292	5933.63	58.44	4.0292	5930.11	58.40
114	2010/03/09 06:43:55	4.0653	5940.25	58.44	4.0653	5936.21	58.40
115	2010/03/09 06:46:05	4.1014	4351.93	54.35	4.1014	4351.09	54.26
116	2010/03/09 06:48:15	4.1375	2583.29	46.14	4.1375	2580.20	46.11
117	2010/03/09 06:50:25	4.1736	731.13	38.00	4.1736	727.00	37.99
118	2010/03/09 06:52:35	4.2097	228.26	35.48	4.2097	225.69	35.54
119	2010/03/09 06:54:45	4.2458	225.59	32.65	4.2458	221.98	34.67
120	2010/03/09 06:56:55	4.2819	220.99	27.88	4.2819	217.60	32.85
121	2010/03/09 06:59:05	4.3181	217.23	23.35	4.3181	213.88	29.70
122	2010/03/09 07:01:15	4.3542	214.41	19.16	4.3542	209.64	26.67
123	2010/03/09 07:03:25	4.3903	214.23	15.72	4.3903	208.69	23.98
124	2010/03/09 07:05:35	4.4264	216.69	9.87	4.4264	208.41	18.75
125	2010/03/09 07:07:45	4.4625	218.02	6.26	4.4625	209.45	13.97
126	2010/03/09 07:09:55	4.4986	218.90	4.02	4.4986	210.12	10.25
127	2010/03/09 07:12:05	4.5347	113.09	2.23	4.5347	105.38	7.44
128	2010/03/09 07:14:15	4.5708	114.50	-0.31	4.5708	106.21	5.20
129	2010/03/09 07:16:25	4.6069	114.33	-1.30	4.6069	106.56	4.99
130	2010/03/09 07:18:16	4.6378	113.57	1.09	4.6378	63.58	10.08

Print Filter: Approximately every 13 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80243	2010/03/09	02:40:00	1454.40 m
Top	80012	2010/03/09	02:40:00	1454.15 m

Client Name Paramount Resources Ltd.	Well Name Parsa et al Cameron	Job Date March 06, 2010	Call Sheet 113119
Client Representative Kim	Location B-09	Job Type Selective Acid	

Well Profile

Well Type:		Oil							
Maximum Treating Pressure (MPa) :		---							
Predicted Bottom Hole Static Temperature (°C) :		---		@	-				
Bottom Hole Circulating Temperature (°C) :		---		@	-				
Bottom Hole Logged Temperature (°C) :		---		@	-				
Casing									
<u>Size</u>	<u>Weight</u>		<u>Collapse</u>	<u>Internal Yield</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth</u>	<u>Depth</u>
<u>(mm)</u>	<u>(kg/m)</u>	<u>Grade</u>	<u>Pressure(MPa)</u>	<u>Pressure(MPa)</u>	<u>(m³)</u>	<u>(mm)</u>	<u>(mm)</u>	<u>From(m)</u>	<u>To(m)</u>
139.70	20.83	J-55	22.000	29.000	--	127.300	153.670	-	-
Tubing									
<u>Size</u>	<u>Weight</u>		<u>Collapse</u>	<u>Capacity</u>		<u>I.D</u>	<u>O.D.</u>	<u>Depth</u>	<u>Depth</u>
<u>(mm)</u>	<u>(kg/m)</u>	<u>Grade</u>	<u>Pressure(MPa)</u>	<u>(m³)</u>		<u>(mm)</u>	<u>(mm)</u>	<u>From(m)</u>	<u>To(m)</u>
73.03	9.67	J-55	53.000	-		62.000	93.170	-	-

Products

Stage 1	
From Depth(m) : 0	
To Depth(m) :	
Acids/Blends/Fluids :	
Treatment Acid: 7.5 m3 of 15% HCl, Density = 1020 kg/m³	
+ 6 l/m3 of ASA-3 (Preblend),	
+ 1 l/m3 of D-2 (Preblend),	
+ 11 kg/m3 of ICA-7 (Preblend),	
+ 0.5 l/m3 of DF-1 (water and acids) (Preblend)	
Displacement: 40 m3 of KCl Water, Density = 1020 kg/m³	

Fluid & Cement Data

Expected Cement Top :					
Wellbore Fluids					
<u>Fluid Type</u>	<u>Viscosity(cP)</u>	<u>Density(kg/m³)</u>	<u>Yield Point(mPa-s)</u>	<u>Temperature(°C)</u>	<u>Recorded @</u>
Water	--	1000.000	--	--	Jan 16, 2010 14:45

Attachment & Tools

Down Hole Tools		
<u>Tool Type</u>	<u>Depth(m)</u>	<u>Supplier</u>
Selective Injection Packer	--	Third Party

Units & Personnel

Units				
Requested Time On Location :		Mar 6,2010 22:00		
<u>Unit #</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>On Location Date</u>	<u>Off Location Date</u>
740035	BODY JOB	C & A	Mar 7,2010 5:00	Mar 8,2010 2:00
200407	PICKUP	1/2 Ton	Mar 7,2010 5:00	Mar 8,2010 2:00
Crew and Bonuses				
<u>Employee</u>	<u>On Location</u>	<u>Off Location</u>		
Juneau, Rocky	Mar 7,2010 5:00	Mar 8,2010 2:00		
Utri, Gregory	Mar 7,2010 5:00	Mar 8,2010 2:00		
Hanson,Jason	Mar 7,2010 5:00	Mar 8,2010 2:00		

Third Party

<u>Service Name</u>	<u>Equipment #</u>	<u>Unit On Location Time</u>	<u>Unit Off Location Time</u>
Seawards Oilfield service Ltd		--	--

Treatment Reports & Remarks

Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (m ³ /min)	Tubular Pressure (MPa)	Annular Pressure (MPa)	Stage Volume (m ³)	Total Volume (m ³)
1	Mar 7, 2010 0:05	Arrive On Location		—	—	—	—	0.000
2	Mar 7, 2010 0:05	Wait On Instructions		—	—	—	—	0.000
3	Mar 7, 2010 16:30	Safety Meeting		—	—	—	—	0.000
4	Mar 7, 2010 17:00	Establish Circulation	KCl Water	0.300	4.000	1.000	12.000	0.000
5	Mar 7, 2010 17:40	Pressure Test	KCl Water	—	22.000	0.000	—	0.000
6	Mar 7, 2010 17:42	Wait On Instructions		—	—	—	—	0.000
7	Mar 7, 2010 18:15	Pump	KCl Water	—	5.000	5.000	—	0.000
		Remarks: pump down annulus trying to free up stuck tool string. bump up to 5mpa, let pressure fall to 4mpa an						
8	Mar 7, 2010 18:32	Pump		—	3.000	0.000	—	0.000
		Remarks: close unloader						
9	Mar 7, 2010 18:50	Pump	KCl Water	—	5.000	0.000	—	0.000
		Remarks: pressure test unloader valve						
10	Mar 7, 2010 19:00	N/A		—	—	—	—	0.000
		Remarks: open unloader						
11	Mar 7, 2010 19:03	Establish Circulation	KCl Water	0.200	4.000	3.000	0.200	0.000
		Remarks: set back pressure						
12	Mar 7, 2010 19:04	Pump	15% HCl	0.360	4.000	3.000	4.000	0.000
13	Mar 7, 2010 19:15	Displace Fluid	KCl Water	0.360	4.000	3.000	0.600	0.000
14	Mar 7, 2010 19:17	N/A		—	—	—	—	0.000
		Remarks: close unloader						
15	Mar 7, 2010 19:20	Squeeze	KCl Water	0.080	10.000	10.000	4.000	0.000
		Remarks: final feedrate of .09m3/min @ 10 mpa						
16	Mar 7, 2010 20:07	Stop		—	—	—	—	0.000
		Remarks: reverse manifold to pump down annulus						
17	Mar 7, 2010 20:17	Pump	KCl Water	0.250	5.000	5.000	0.500	0.000
18	Mar 7, 2010 20:19	Wait On Instructions		—	0.000	0.000	—	0.000
19	Mar 7, 2010 21:59	Establish Circulation	KCl Water	0.200	1.000	0.600	0.400	0.000
20	Mar 7, 2010 22:08	Pump	15% HCl	0.380	3.000	1.000	3.500	0.000
21	Mar 7, 2010 22:21	Pump	KCl Water	0.300	2.000	1.000	0.900	0.000
22	Mar 7, 2010 22:24	Stop		—	—	—	—	0.000
		Remarks: close unloader						

23	Mar 7, 2010 22:33	Squeeze	KCl Water	—	7.000	1.000	—	0.000
	Remarks: bump up to 7 mpa, let well bleed off to 6 mpa and repeat							
24	Mar 7, 2010 22:40	Squeeze	KCl Water	—	9.000	1.000	—	0.000
	Remarks: bump pressure up to 9 mpa, let bleed off to 7 mpa, repeat.							
25	Mar 7, 2010 23:25	Establish Feed Rate	KCl Water	0.086	7.500	7.500	4.400	0.000
	Remarks: final feedrate of .15m3/min @ 9mpa							
26	Mar 7, 2010 0:16	Stop		—	3.000	3.000	—	0.000
27	Mar 7, 2010 0:20	Rig Out		—	—	—	—	0.000

Did Float Hold: Not Applicable

Fluid Returns : Not Expected

Type :

Volume (m³) :

Temperature (°C) : —

FDAS Functioning Correctly : Yes

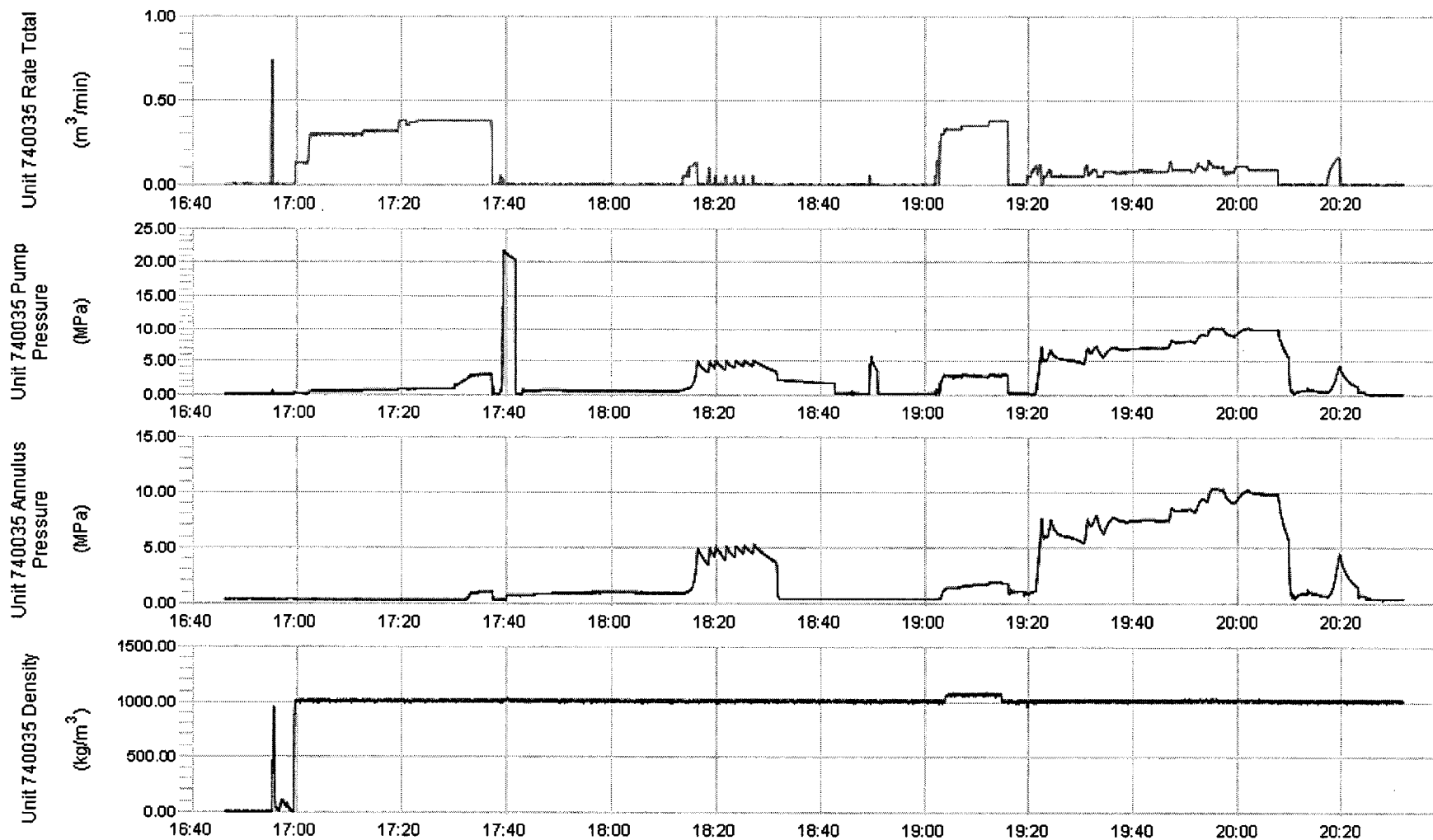
Material Transfer Sheet Number

Material Transfer Sheet Number

175403



Client	Paramount	Client Rep	Kim	Supervisor	Rocky Juneau
Ticket No.	333560	Well Name		Unit No.	740035
Location	B-09	Job Type	Selective Acid	Service District	High Level
Comments				Job Date	03/07/2010





Client	Paramount	Client Rep	Kim	Supervisor	Rocky Juneau
Ticket No.	333560	Well Name		Unit No.	740035
Location	B-09	Job Type	Selective Acid	Service District	High Level
Comments				Job Date	03/07/2010

