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MAIL ROOM
SALLE DE COURRIER

2011 APR 26 A 8:17

NEB/ONE

April 25, 2011

National Energy Board
444 7th Ave SW
Calgary, AB
T2P 0X8

Attn: John McCarthy
Chief Conservation Officer

Re: Paramount Resources Ltd – Cameron Hills Project
Well Operations Reports

Mr. McCarthy,

Further to Paramount's application for Operations Authorization (file OA-1221-002), enclosed please find the Well Operations Reports for Para et al Cameron J-04, E-52 and 2H-03.

Enclosed please find:

- Copies of the Well Operations Report form for each well;
- Supporting documentation (Schematics, Daily Activity Reports, and copies of other downhole tool reports as necessary)

Digital copies of the Well Operations Reports and supporting documentation have been e-mailed to Lori-Ann Sharp at fio@neb-one.gc.ca.

Any questions regarding the above may be directed to Brad Scott at 403 206-3834 (office), 403 818-2164 (cell) or at brad.scott@paramountres.com.

Regards,

A handwritten signature in blue ink, appearing to be "BS", with a long horizontal line extending to the right.

Brad Scott

CC: Andre Poitras

Paramount

**WELL OPERATIONS REPORT**

2011 APR 26 A 8:17

NEB/ONE

Well Name	Paramount et al Cameron 2H-03	Unique Well Identifier	302H036010117300
Operator	Paramount Resources Ltd.	NEB Well ID	2073
Total Depth	2534.0 m KB	Current Well Status	Producer

Location	Unit	H	Section	03	Grid	60°10'117°30'
Coordinates (NAD27)	Surface	Lat	60° 2' 20.4"	Long	117° 30' 6.3"	
	Bottom Hole	Lat	60° 1' 40.6"	Long	117° 30' 5.7"	

Target Formation	Sulphur Pt.	Field/Pool	Cameron Hills /
Elevation KB/RT	774.98 m	Ground Level / Seafloor	770.18 m
Spud/Re-Entry Date	January 20, 2011	Rig Release Date	March 21, 2011

Description of Work Operation and Problems Encountered (i.e. lost circulation, lost equipment)**Drilling:**

The well was drilled horizontally to 2534 m MD, 1421 m TVD. Lost circulation was observed in the Wabmun formation from 550 – 720 m MD but gradually healed up as the rest of the hole section was drilled. Full cement returns were observed during the intermediate cement job. The lease deteriorated badly as the intermediate section was being drilled. Several attempts were made to jack and level the rig without success. The rig was moved off of location and piles were run around well center to stabilize the lease. The rig was moved back onto location and drilling operations resumed. Significant reaming was required to get back to the bottom of the well. Shortly after drilling resumed a mud motor twisted off and fishing operations were undertaken. The fish was not recovered and the well was sidetracked. Once the well was sidetracked the remainder of the well went without incident.

Please see "Daily Activity and Cost Summary" attached herewith.

Completions:

The well was stage frac'd using 15% HCl.

Please see "Daily Activity and Cost Summary" attached herewith.

Description of Completion Fluid Properties

15% HCl

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cement (m ³)
244.5	48.1	H-40	361	16.2
177.8	34.2	L-80	1531	34.5
114.3	17.3	L-80	2529	None

PLUGGING PROGRAM

Type of Plug	Cement Interval (m KB)	Felt	Plug Depth (m KB)	Cement (m ³)
	-	-		


PERFORATION

Interval (m KB)	Comments

Are schematics of equipment/tubulars attached?
If not, please explain.

Yes

"I certify that the information provided on this form is true and correct"

Name	André Poitras	Telephone	(403) 206-3895 Ext
Job Designation	Drilling and Completions Manager	E-Mail	andre.poitras@paramountres.com
Operator	Paramount Resources Ltd.		
Signature		Date	April 25, 2011
	Responsible Officer of Company		



WELL OPERATIONS REPORT

NATIONAL ENERGY BOARD USE ONLY

The details of this document have been examined and verified by

Job Designation _____ Well Identifier _____

Signature _____ Date _____
NEB Authority



Paramount
resources ltd.

Schematic - Current

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	License # 2073	Field Name Cameron Hills	State/Province NT
Well Configuration Type HORIZ	Original KB Elevation (m) 777.22	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	KB-Tubing Head Distance (m) 4.52

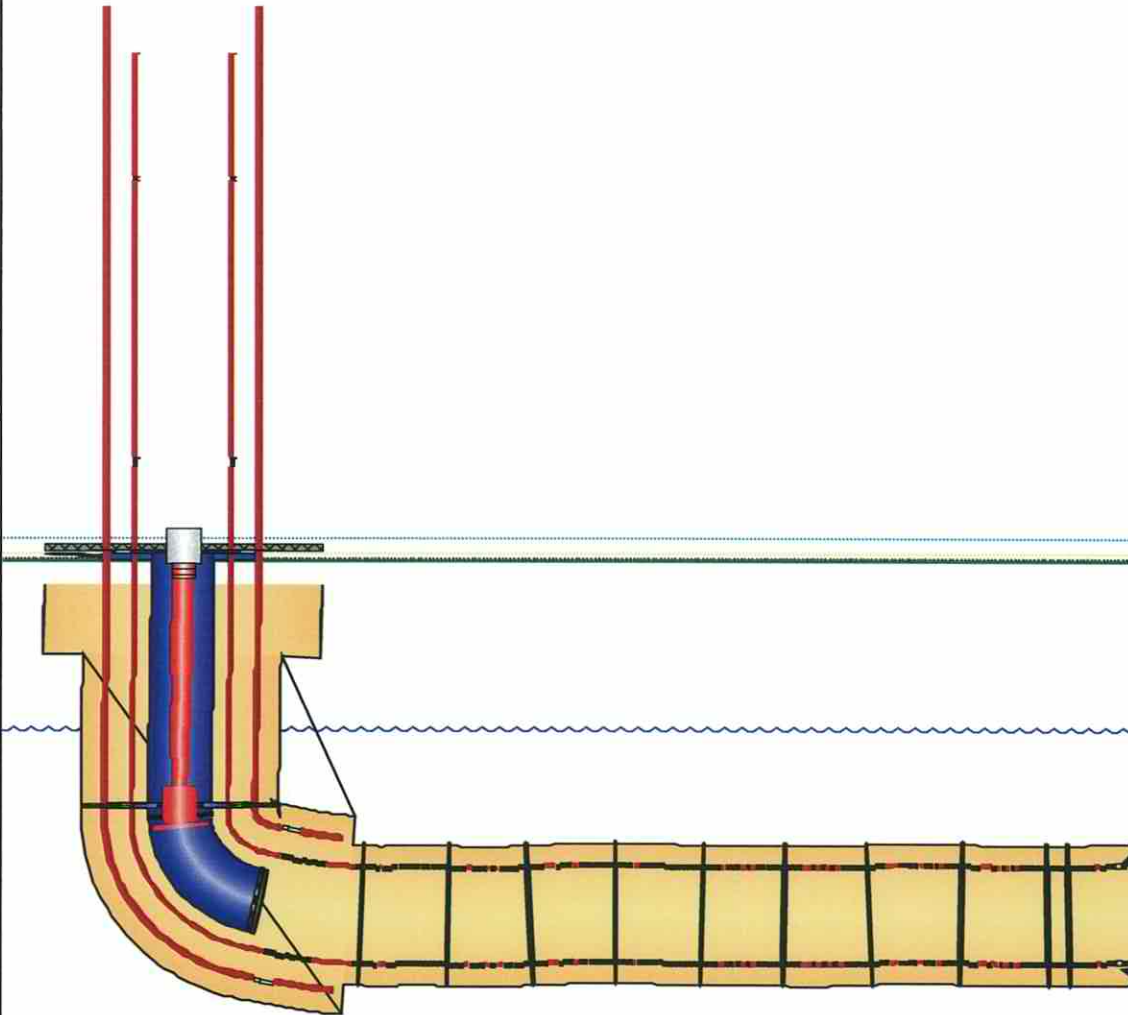
Most Recent Job

Job Category Completion	Primary Job Type Initial Completion	Secondary Job Type	Start Date 3/22/2011	End Date 4/2/2011
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TD: 2,534.00

HORIZ - Original Hole, 4/12/2011 1:23:37 PM

Directional schematic (actual)





Schematic - Current

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

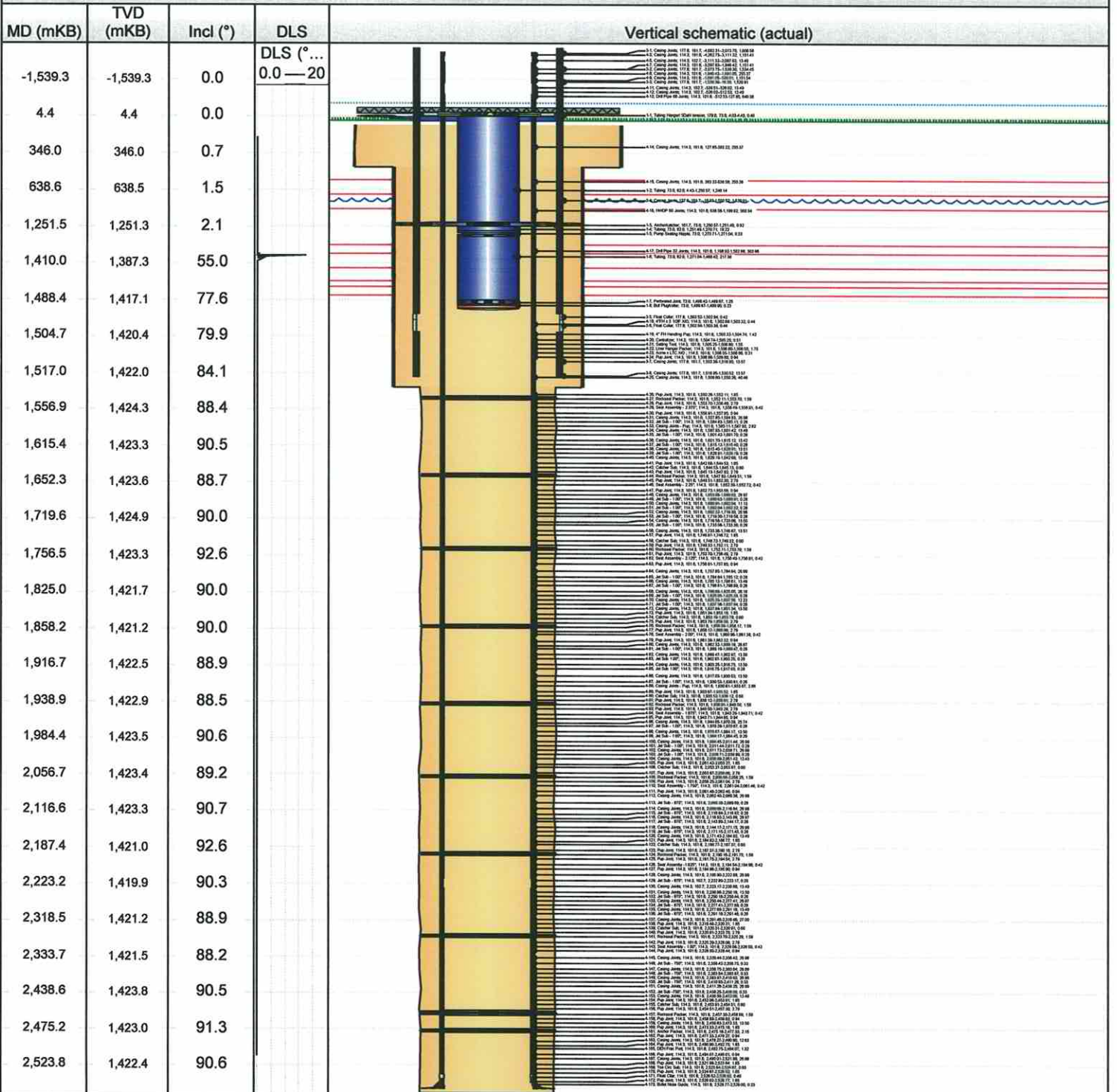
API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	License # 2073	Field Name Cameron Hills	State/Province NT
Well Configuration Type HORIZ	Original KB Elevation (m) 777.22	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	KB-Tubing Head Distance (m) 4.52

Most Recent Job

Job Category Completion	Primary Job Type Initial Completion	Secondary Job Type	Start Date 3/22/2011	End Date 4/2/2011
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TD: 2,534.00

HORIZ - Original Hole, 3/26/2011 2:00:00 PM





Casing

Liner

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Wellbore					
Wellbore Name Original Hole			Kick Off Depth (mKB) 1,270.00		
Section Des	Size (mm)	Act Top (mKB)	Act Btm (mKB)	Start Date	End Date
	311.2	22.00	27.00	1/20/2011	1/20/2011
	311.2	22.00	28.77	1/20/2011	1/20/2011
	311.2	22.00	28.77	1/20/2011	1/20/2011
	311.2	22.00	28.77	1/20/2011	1/20/2011
	311.2	22.00	28.77	1/20/2011	1/20/2011
	311.2	22.00	28.77	1/20/2011	1/20/2011
	311.2	22.00	28.77	1/20/2011	1/20/2011
Surface	311.0	22.00	361.00	1/20/2011	1/21/2011
Surface	311.0	22.00	361.00	1/20/2011	1/21/2011
Surface	311.0	22.00	361.00	1/20/2011	1/21/2011
	311.0	27.00	361.00	1/21/2011	1/22/2011
	311.0	27.00	361.00	1/21/2011	1/21/2011
	311.0	27.00	361.00	1/21/2011	1/21/2011
	311.0	27.00	361.00	1/21/2011	1/21/2011
	311.0	27.00	361.00	1/21/2011	1/21/2011
	311.0	27.00	361.00	1/21/2011	1/21/2011
	311.0	27.00	361.00	1/21/2011	1/21/2011
	311.0	27.00	361.00	1/21/2011	1/21/2011
	222.0	361.00	1,121.00	1/25/2011	1/29/2011
	222.0	361.00	1,424.00	1/25/2011	3/2/2011
	222.0	361.00	1,503.00	1/25/2011	3/3/2011
	222.0	361.00	1,534.00	1/25/2011	3/4/2011
	222.0	361.00	1,534.00	1/25/2011	3/4/2011
	222.0	361.00	1,534.00	1/25/2011	3/4/2011
	222.0	361.00	1,534.00	1/25/2011	3/4/2011
Intermediate 1	222.0	361.00	1,534.00	1/25/2011	3/4/2011
Intermediate 1	222.0	361.00	1,534.00	1/25/2011	3/4/2011
Intermediate 1	222.0	361.00	1,534.00	1/25/2011	3/4/2011
	156.0	1,534.00	1,767.64	3/8/2011	3/9/2011
	156.0	1,534.00	1,922.32	3/8/2011	3/10/2011
	156.0	1,534.00	2,088.20	3/8/2011	3/12/2011
Lateral	156.0	1,534.00	2,209.09	3/8/2011	3/13/2011
Lateral	156.0	1,534.00	2,333.73	3/8/2011	3/14/2011
Lateral	156.0	1,534.00	2,534.00	3/8/2011	3/16/2011

Wellhead			
Type Casing Head	Install Date 1/23/2011	Service Sour	Comment ABB VETCO 279mmX20,700 X 244.5mmSOW PSL-1 WITH 2 SSO FLANGED OUTLETS (52mmX34.5mPa) Serial Number: (Bowl): SN-421261-01 CR21030357001 Casing Slip Assembly VGCS11 (279.4mm) x 7 (177.8mm) Manual PSL-1 SN-CW48917-59

Wellhead Components				
Des	Make	Model	SN	WP Top (kPa)
ABB Vetco FC-29 Bowl	Vetco	FC-29	421261-01	21,000

Casing			
Casing Description Liner	Set Depth (mKB) 2,529.00	Run Date 3/19/2011	Set Tension (daN)
Centralizers None	Scratchers None		

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN-m)	Class	Max OD (mm)	ID (mm)
Marker Joint	114.3	17.263	L-80	LT&C	0	0.00	-4,262.73	-4,262.73	302			101.6
Marker Joint	114.3	17.263	L-80	LT&C	0	0.00	-4,262.73	-4,262.73	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	86	1,151.41	-4,262.73	-3,111.32	302			101.6
Marker Joint	114.3	17.263	L-80	LT&C	1	0.00	-3,111.32	-3,111.32	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	-3,111.32	-3,097.83	302			102.7
Marker Joint	114.3	17.263	L-80	LT&C	0	0.00	-3,097.83	-3,097.83	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	86	1,151.41	-3,097.83	-1,946.42	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	19	255.37	-1,946.42	-1,691.05	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	86	1,151.54	-1,691.05	-539.51	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	0	0.00	-539.51	-539.51	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	-539.51	-526.02	302			102.7
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	-526.02	-512.53	302			102.7
Drill Pipe 68 Joints	114.3	17.263	L-80	LT&C	1	640.38	-512.53	127.85	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	19	255.37	127.85	383.22	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	19	255.36	383.22	638.58	302			101.6
HWDP 60 Joints	114.3	17.263	L-80	LT&C	1	560.34	638.58	1,198.92	302			101.6
Drill Pipe 32 Joints	114.3	17.263	L-80	LT&C	1	303.96	1,198.92	1,502.88	302			101.6
4"FH x 3 1/2IF X/O	114.3	17.263	L-80	LT&C	1	0.44	1,502.88	1,503.32	302			101.6
4" FH Handling Pup	114.3	17.263	L-80	LT&C	1	1.42	1,503.32	1,504.74	302			101.6
Centralizer	114.3	17.263	L-80	LT&C	1	0.51	1,504.74	1,505.25	302			101.6
Setting Tool	114.3	17.263	L-80	LT&C	1	1.55	1,505.25	1,506.80	302			101.6
Liner Hanger Packer	114.3	17.263	L-80	LT&C	1	1.75	1,506.80	1,508.55	302			101.6
Acme x LTC X/O	114.3	17.263	L-80	LT&C	1	0.31	1,508.55	1,508.86	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,508.86	1,509.80	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	3	40.46	1,509.80	1,550.26	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,550.26	1,552.11	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,552.11	1,553.70	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,553.70	1,556.49	302			101.6
Seat Assembly - 2.375"	114.3	17.263	L-80	LT&C	1	0.42	1,556.49	1,556.91	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,556.91	1,557.85	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	1,557.85	1,584.83	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,584.83	1,585.11	302			101.6
Casing Joints - Pup	114.3	17.263	L-80	LT&C	1	2.82	1,585.11	1,587.93	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	1,587.93	1,601.42	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,601.42	1,601.70	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.42	1,601.70	1,615.12	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,615.12	1,615.40	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.51	1,615.40	1,628.91	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,628.91	1,629.19	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	1,629.19	1,642.68	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,642.68	1,644.53	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	1,644.53	1,645.13	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,645.13	1,647.92	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,647.92	1,649.51	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,649.51	1,652.30	302			101.6
Seat Assembly - 2.25"	114.3	17.263	L-80	LT&C	1	0.42	1,652.30	1,652.72	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,652.72	1,653.66	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.97	1,653.66	1,680.63	302			101.6



Paramount
resources ltd.

Casing

Liner

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN-m)	Class	Max OD (mm)	ID (mm)
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,680.63	1,680.91	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	11.13	1,680.91	1,692.04	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,692.04	1,692.32	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	1,692.32	1,719.30	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,719.30	1,719.58	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,719.58	1,733.08	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,733.08	1,733.36	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.51	1,733.36	1,746.87	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,746.87	1,748.72	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	1,748.72	1,749.32	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,749.32	1,752.11	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,752.11	1,753.70	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,753.70	1,756.49	302			101.6
Seat Assembly - 2.125"	114.3	17.263	L-80	LT&C	1	0.42	1,756.49	1,756.91	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,756.91	1,757.85	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	1,757.85	1,784.84	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,784.84	1,785.12	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	1,785.12	1,798.61	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,798.61	1,798.89	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.16	1,798.89	1,825.05	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,825.05	1,825.33	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	12.23	1,825.33	1,837.56	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,837.56	1,837.84	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,837.84	1,851.34	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,851.34	1,853.19	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	1,853.19	1,853.79	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,853.79	1,856.58	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,856.58	1,858.17	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,858.17	1,860.96	302			101.6
Seat Assembly - 2.00"	114.3	17.263	L-80	LT&C	1	0.42	1,860.96	1,861.38	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,861.38	1,862.32	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.87	1,862.32	1,889.19	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,889.19	1,889.47	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,889.47	1,902.97	302			101.6
Jet Sub 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,902.97	1,903.25	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,903.25	1,916.75	302			101.6
Jet Sub 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,916.75	1,917.03	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,917.03	1,930.53	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,930.53	1,930.81	302			101.6
Casing Joints - Pup	114.3	17.263	L-80	LT&C	1	2.86	1,930.81	1,933.67	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	1,933.67	1,935.52	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	1,935.52	1,936.12	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,936.12	1,938.91	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	1,938.91	1,940.50	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	1,940.50	1,943.29	302			101.6
Seat Assembly - 1.875"	114.3	17.263	L-80	LT&C	1	0.42	1,943.29	1,943.71	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	1,943.71	1,944.65	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	25.74	1,944.65	1,970.39	302			101.6



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Casing

Liner

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN-m)	Class	Max OD (mm)	ID (mm)
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,970.39	1,970.67	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	1,970.67	1,984.17	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	1,984.17	1,984.45	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	1,984.45	2,011.44	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	2,011.44	2,011.72	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	2,011.72	2,038.71	302			101.6
Jet Sub - 1.00"	114.3	17.263	L-80	LT&C	1	0.28	2,038.71	2,038.99	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	12.43	2,038.99	2,051.42	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,051.42	2,053.27	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	2,053.27	2,053.87	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,053.87	2,056.66	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	2,056.66	2,058.25	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,058.25	2,061.04	302			101.6
Seat Assembly - 1.750"	114.3	17.263	L-80	LT&C	1	0.42	2,061.04	2,061.46	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,061.46	2,062.40	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,062.40	2,089.38	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,089.38	2,089.66	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,089.66	2,116.64	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,116.64	2,116.92	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.97	2,116.92	2,143.89	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,143.89	2,144.17	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,144.17	2,171.15	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,171.15	2,171.43	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	2,171.43	2,184.92	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,184.92	2,186.77	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	2,186.77	2,187.37	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,187.37	2,190.16	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	2,190.16	2,191.75	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,191.75	2,194.54	302			101.6
Seat Assembly - 1.625"	114.3	17.263	L-80	LT&C	1	0.42	2,194.54	2,194.96	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,194.96	2,195.90	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	2,195.90	2,222.89	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,222.89	2,223.17	302			102.7
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	2,223.17	2,236.66	302			102.7
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	2,236.66	2,250.16	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,250.16	2,250.44	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.97	2,250.44	2,277.41	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,277.41	2,277.69	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.49	2,277.69	2,291.18	302			101.6
Jet Sub - 875"	114.3	17.263	L-80	LT&C	1	0.28	2,291.18	2,291.46	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	27.00	2,291.46	2,318.46	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,318.46	2,320.31	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	2,320.31	2,320.91	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,320.91	2,323.70	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	2,323.70	2,325.29	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,325.29	2,328.08	302			101.6
Seat Assembly - 1.50"	114.3	17.263	L-80	LT&C	1	0.42	2,328.08	2,328.50	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,328.50	2,329.44	302			101.6



Casing

Liner

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Casing Components

Item Des	OD (mm)	Wt (kg/m)	Grade	Top Thread	Jts	Len (m)	Top (mKB)	Btm (mKB)	Mk-up Tq (daN-m)	Class	Max OD (mm)	ID (mm)
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,329.44	2,356.42	302			101.6
Jet Sub - 750"	114.3	17.263	L-80	LT&C	1	0.33	2,356.42	2,356.75	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.89	2,356.75	2,383.64	302			101.6
Jet Sub - 750"	114.3	17.263	L-80	LT&C	1	0.33	2,383.64	2,383.97	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.96	2,383.97	2,410.93	302			101.6
Jet Sub - 750"	114.3	17.263	L-80	LT&C	1	0.33	2,410.93	2,411.26	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.99	2,411.26	2,438.25	302			101.6
Jet Sub - 750"	114.3	17.263	L-80	LT&C	1	0.33	2,438.25	2,438.58	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.48	2,438.58	2,452.06	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,452.06	2,453.91	302			101.6
Catcher Sub	114.3	17.263	L-80	LT&C	1	0.60	2,453.91	2,454.51	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	2	2.79	2,454.51	2,457.30	302			101.6
Rockseal Packer	114.3	17.263	L-80	LT&C	1	1.59	2,457.30	2,458.89	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,458.89	2,459.83	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	13.50	2,459.83	2,473.33	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,473.33	2,475.18	302			101.6
Anchor Packer	114.3	17.263	L-80	LT&C	1	2.15	2,475.18	2,477.33	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,477.33	2,478.27	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	1	12.63	2,478.27	2,490.90	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,490.90	2,492.75	302			101.6
DEH Frac Port	114.3	17.263	L-80	LT&C	1	1.32	2,492.75	2,494.07	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	0.94	2,494.07	2,495.01	302			101.6
Casing Joints	114.3	17.263	L-80	LT&C	2	26.98	2,495.01	2,521.99	302			101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,521.99	2,523.84				101.6
Toe Circ Sub	114.3	17.263	L-80	LT&C	1	0.83	2,523.84	2,524.67				101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,524.67	2,526.52				101.6
Float Cllar	114.3		L-80	LT&C	1	0.40	2,526.52	2,526.92				101.6
Pup Joint	114.3	17.263	L-80	LT&C	1	1.85	2,526.92	2,528.77				101.6
Bullet Nose Guide	114.3		L-80	LT&C	1	0.23	2,528.77	2,529.00				101.6

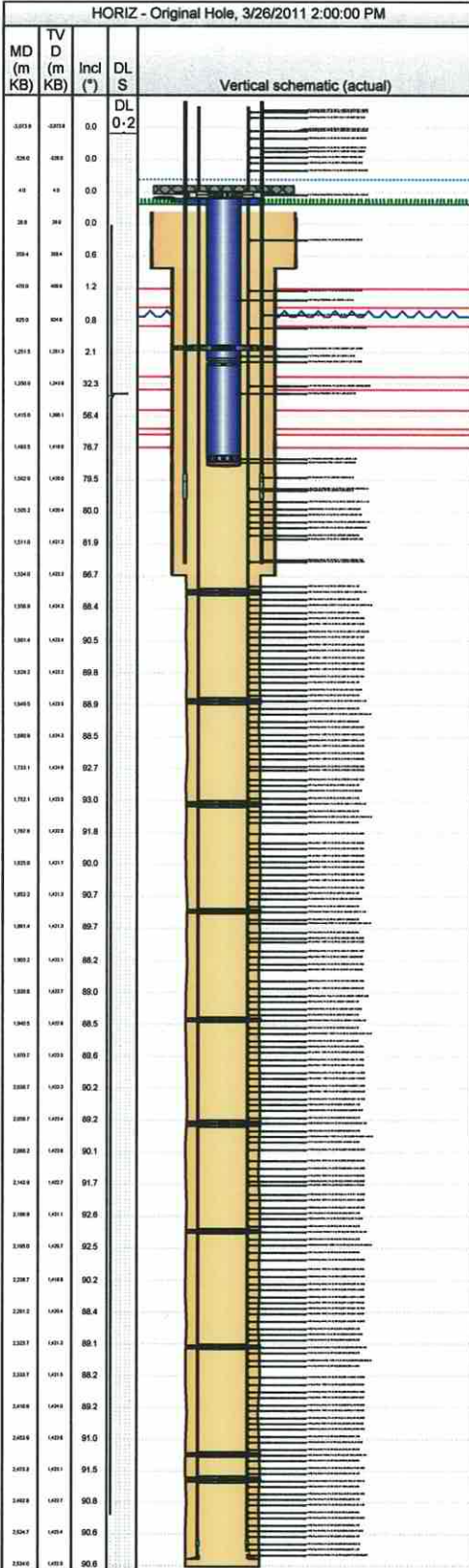


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Tubing

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	License # 2073	Field Name Cameron Hills	State/Province NT
Well Configuration Type HORIZ	Original KB Elevation (m) 777.22	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	KB-Tubing Head Distance (m) 4.52



Tubing									
Tubing Description					Set Depth (mKB)		Run Date		Pull Date
Tubing - Production					1,489.90		3/26/2011		
Jts	Item Des	OD (mm)	ID (mm)	Wt (kg/m)	Grade	Top Thread	Len (m)	Top (mKB)	Blm (mKB)
1	Tubing Hanger/ 5DaN tension	179.0	73.0				0.40	4.03	4.43
131	Tubing	73.0	62.0	9.673	J-55		1,246.14	4.43	1,250.57
1	Anchor/catcher	161.7	73.0				0.92	1,250.57	1,251.49
2	Tubing	73.0	62.0	9.673	J-55		19.22	1,251.49	1,270.71
1	Pump Seating Nipple	73.0					0.33	1,270.71	1,271.04
23	Tubing	73.0	62.0	9.673	J-55		217.38	1,271.04	1,488.42
1	Perforated Joint	73.0					1.25	1,488.42	1,489.67
1	Bull Plug/collar	73.0					0.23	1,489.67	1,489.90
								1,489.90	1,489.90



Stimulations

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	License # 2073	Field Name Cameron Hills	State/Province NT
Well Configuration Type HORIZ	Original KB Elevation (m) 777.22	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	KB-Tubing Head Distance (m) 4.52

Production Casing

Csg Des	Run Date	Set Depth (mKB)	OD (mm)	Wt/Len (kg/m)	Grade
Production					

Tubing Strings

Des	Run Date	Set Depth (mKB)	String Max Nominal OD (mm)	Wt (kg/m)	Grade
Tubing - Production	3/26/2011	1,489.90	73.0	9.673	J-55

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status

Acid Frac on 3/25/2011 12:00

Date 3/25/2011	Type Acid Frac	Stim/Treat Company BJ Services Company	Zone	Job Initial Completion, 3/22/2011 07:30	
Proppant In Wellbore (kg)	P Pre SI (kPa)	Instant. Shut-in Pressure (kPa) 18,200	P Post SI (kPa) 5,800	Proppant In Formation (kg)	Shut-in Time Final (hr) 2,000.00

Comment
365m3 15% HCL / 121m3 water nitrified acid frac.

<fluidname>, <fluidtyp>

Fluid Name	Fluid Type	Description	Fluid Density (kg/m³)	Filter Size (mm)
Additive	Units	Concentration (%)		

<stagenum>, <stagetyp>

Stage Number		Stage Type	Start Date	End Date		Top Depth (mKB)		Bottom Depth (mKB)	
Tubing Pressure Start (kPa)		Pressure Tubing End (kPa)	Casing Pressure Start (kPa)	Casing Pressure End (kPa)		Clean Volume Pumped (m³)		Volume Recovered (m³)	
Stim/Treat Fluid		Gas Type	Gas Rate (m³/min)	Gas Volume (E3m³)		Comment			
Additive	Sand Size	Units	Amount	Type	Conc (kg/m³)	Note			



Daily Activity and Cost Summary

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	License # 2073	Field Name Cameron Hills	State/Province NT
Well Configuration Type HORIZ	Original KB Elevation (m) 777.22	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	KB-Tubing Head Distance (m) 4.52

Job Category Completion	Primary Job Type Initial Completion	Secondary Job Type
Start Date 3/22/2011	End Date 4/2/2011	Total AFE Amount (Cost) 1,324,615.00

Objective
To stage fracture with 15% HCL the Sulphur Point Dolomite formation utilizing a 9 stage Packers Plus system.

Contractor Concord Well Service	Rig Number 41	Rig Type
Contractor Silverline Swabbing	Rig Number 4	Rig Type Swab Rig

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	3/22/2011	3/22/2011	78,650	78,650	Moved in tank farm and 90m3 HCL
2.0	3/23/2011	3/23/2011	64,214	142,864	Hauled in 130m3 15 % HCL, Set up tank manifold.
3.0	3/24/2011	3/24/2011	102,730	245,594	Hauled in 158 m3 15% HCL to tank farm. Total HCL on location 372m3. Moved in and spotted frac equipment. Conducted Paramount orientation with frac personnel. Installed Stinger 7" casing saver on 7 1/16 "Orbit valve"
4.0	3/25/2011	3/25/2011	905,606	1,151,200	Fractured Sulphur Point Dolomite HZ section through a Packers Plus 9 stage frac port system. Placed 364m3 nitrified 15% HCL in formation. Average treating pressure 28.2 MPa @ 6.0 m3/ min. Max pressure @ 32.3 MPa. Min @ 26.7 MPa. ISIP @ 18.2 MPa. 15 mins = 5.8 MPa. LTR= 486m3. Recovered 21.2m3 in first 2hr of flow. Shut in and surge flow as required.
5.0	3/26/2011	3/26/2011	37,730	1,188,930	Surge flow well. RIH & land to end @ 1489.51 mKB. PSN @ 1270.32. ND Bop & NU Well head. Pull 36 swabbs recovering 41.12m3 fluid. PH=6, Sal ~ 132,000, H2s content @ 1.7%, LFLTR= 428.68m3. Trace oil in samples.
6.0	3/27/2011	3/27/2011	75,364	1,264,294	Pulled 88 swabs today recovering 93.44m3 load fluid. Trace oil in samples. Salinity @ 120,000, PH= 6, Fluid level remaining constant @ +/- 700 meters. Casing pressure ~ 6,000 kPa. LFLTR= 335.24m3. RO rig and move to M-74.
7.0	3/28/2011	3/28/2011	35,760	1,300,054	Total oilfield rigs out and returns frac manifold and 4 acid 400bbl tanks. Move on Silverline swabbers, continue to swab and recover post frac load fluid.
8.0	3/29/2011	3/29/2011	28,340	1,328,394	Swabbing to recover post frac load fluid.
9.0	3/30/2011	3/30/2011	33,010	1,361,404	Swabbing to recover post frac load fluid
10.0	3/31/2011	3/31/2011	32,440	1,393,844	Swabbing to recover post frac load fluid
11.0	4/1/2011	4/1/2011	55,030	1,448,874	Swab and recover post frac load fluid. Rig out Silverline swab rig, P-tank and flare stack.
12.0	4/2/2011	4/2/2011	177,615	1,626,488	Moved from M-74 to 2H-03 location. Rigged in complete. Installed pumping well head. Perforated tubing below "psn" @ 1271 mKB. Ran pump and rods. Pressure tested and stroke tested to 3,500 kPa. Rigged out equipment.



Daily Activity and Cost Summary

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00
Job Category Drilling		Primary Job Type Drilling - original		Secondary Job Type Drilling - original	
Start Date 1/17/2011		End Date		Total AFE Amount (Cost) 2,535,440.00	
Objective					
Summary					
Contractor NABORS DRILLING		Rig Number 24	Rig Type		
Contractor Nabors Drilling		Rig Number 24	Rig Type Drilling - Double		
Contractor NABORS DRILLING		Rig Number 24	Rig Type		
Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	1/17/2011	1/18/2011	457,375	457,375	Transported 10 loads from the rack site in Rainbow Lake to location, only 4 trucks unloaded on site. Drilled the Rathole and spotted the Wellsite supervisors shack, issues with communication and the rental generator delayed rig up a great deal.
2.0	1/18/2011	1/19/2011	167,735	625,110	Spotted all the rental and rig matting, all rig and rental buildings spotted. Trucks were released @ 17:00hrs, the rig crew ran fuel, power cables and air lines in preparation for raising the derrick. The derrick was raised @ 17:30 hours and was telescoped out @ 19:30hrs. The boiler was fired and two Nabors crew members worked the night shift to monitor the boiler, tidy up and run cords
3.0	1/19/2011	1/20/2011	129,144	754,254	Installed heads and liners in the mud pump, thawed mud lines and gun lines. Rigged in lights and power cords, spotted rental flare tank and tied in the gut line. Installed rig prefabs and rigged up the drill floor. Wellsite trailer sewer line install completed (took 36 hrs) Welders truck broke down, sent him out on a Tow Truck, he is to return in the morning Rigged in the United Oilfield centrifuge and floc tank, built snow ramps for the open ended shale bins Welded conductor pipe and installed drain
4.0	1/20/2011	1/21/2011	80,998	835,252	Continued with general rig up, crackshaft breather installation completed by Nabors mechanic and rig welder. Shale slide modification completed. Rig up centrifuge and plumbed 3rd party enviro tank. Strapped bha made up kelly, hooked up Pason cables and flow sho. Built snow ramps for shale tanks Conducted drilling rig inspection and completed drilling rig electrical inspection. Hazard hunt and pre-spud meeting held with all drilling personnel. Made up the 311mm bha, checked circulating system and spudded the well. 2H-03 spudded @ 23:45hrs
5.0	1/21/2011	1/22/2011	59,071	894,323	Drilled surface hole from 23m to 223m. Hole cleaning well, no issues. The Swivel washpipe was replaced, pump liner and gasket needed changing, we tripped into the conductor and replaced the dies on the kelly spinner, connections were taking 20m using chain tongs. The teledrift survey tool was not working, began running wireline surveys @ 91m survey depth
6.0	1/22/2011	1/23/2011	40,972	935,295	Drilled 311mm hole from 223m to 252m, the hole drilled nicely, seepage losses were minimal, bit balling and a plugged nozzle port were evident prior to wiper tripping. Wiper tripped @ 252m strapping out of the hole. The hole was tight at 208m, worked through it with minimal overpull. Cleaned the ball bit and unpugged the nozzle ports, two of the three. Evidence of a forming mud rig evident on tool joints. Bridged off at 214m on the way in the hole, picked up the kelly several times on the way in, it took about an hour to wash through bridges. Drilled from 352m to 361m surface TD. Mixed Kelzan to increase yield point to a 12 with a 55vis prior to tripping out to run surface casing circulated for 1.5 hours. Tripped out to the 203mm collars to run casing, max overpull 9daN on the trip out.



Daily Activity and Cost Summary

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
7.0	1/23/2011	1/24/2011	136,531	1,071,826	Laid down the 203mm drill collars and 311mm bit, rig ged up to run casing, held pre job safety meeting made floats and shoe, floats ok. Ran 27 joints of 244.5mm H-40 Range 3 casing set @ 360m, had to wash the casing in from 80m to 130m, this took considerable time. Once on bottom shortened the mud system and mixed desco and water to reduce YP and viscosity. Rigged up and tied in the BJ cement crew, cemented surface casing with 19t (16.20m3) Maxxcem G cement blend 1%CaCl2,.90% FL-5 Fluid loss control,dropped the top plug and displaced with 14.22m3 H2O bumped plug at 7.7mpa, good returns throughout the job, 1.5m3 cement returns. Pressure tested casing 1.5mpa (7.7mpa) over final pressure and held for 10min, tested high 12.5mpa for 10min, bled off tested floats held ok, annulus level static. The rig crew flushed the conductor and WOC for 6 hours. While WOC rigged out BJ, cleaned mud tanks, began mud stripping operations. Cut conductor, and rough cut casing, preheated the casing bowl to 270 deg, welded as per GE procedure, tested bowl @ 7000kpa for 10min
8.0	1/24/2011	1/25/2011	84,534	1,156,360	Installed the DSA and nipped up the bop's, changed pipe rams from 4 1/2" to 4", held a safety and pressure tested as detailed in the time log. We had issues with the HCR and had to change out the lower kelly cock. Accumulated function test went well, it seems to run just fine. Installed the Kelly spinner lines and the Kelly hose. H2S sensors were rigged in by Impact safety, the rig Geologist also rigged in his gas detector.
9.0	1/25/2011	1/26/2011	38,823	1,195,183	Waited on the bit sub until 02:20 hours, once it arrived we made up a 222mm MSF 513 reed pdc, the 127mm bha and tripped in the hole. Tagged cement @ 343m, changed out the lower kelly cock valve and installed the new one that was pressure tested on the catwalk. Drilled out the float 346m and shoe @ 360m. Drilled with floc water from 361m to 531m. Hole cleaning well, no deviation issues.
10.0	1/26/2011	1/27/2011	69,633	1,264,816	Drill 222mm hole from 531m to 784m, losses through the Wabamun totaled 70m3 of floc water. Hole deviation was not an issue, we ended up fanning for a 70m stretch to maintain a 2 deg inclination other than that the section drilled nicely.
11.0	1/27/2011	1/28/2011	69,063	1,333,879	Drilled 222mm hole from 784m to 860m. Wiper tripped 500m back to the shoe, the hole was in good shape no issues, the hole took more fluid than required but very little. Drilled from 860m to 983m in the Twin Falls, hole deviation not a problem.
12.0	1/28/2011	1/29/2011	80,508	1,414,387	Drilled 222mm hole from 983m to 1000m then ceased drilling to Jack the sub with Ardy's Rigging off drillers side raised to 12" and 11" on the drillers side. We also jacked the mud tanks to allow flow line alignment, had to pump all fluid onto storage 400bbls (The sub was jacked so high that the flowline was resting on the bottom of the flowline hole of the sub wall. Drilled from 1000m to 1022m and stopped to jack the rig again. Resumed drilling at 1022m and drilled to 1107m.
13.0	1/29/2011	1/30/2011	95,621	1,510,008	Drilled from 1107m to 1114m, rop slowed to 1-2m/hr so we tripped for the bit. The Nov Reed MSF 513m drilled 753m in 58hrs and averaged 12.9m/hr on bottom rop. Made up a Reed 447, R15MP and tripped in the hole. Once on bottoms circulated 2 bottoms up and made preparation for Jacking and Skidding the rig. Held a pre-job safety meeting with Flint Transco, Supervisor, Bed Hands and Swampers, Ardy's Rig Jackers, Rowes Cat Operator and Rig Crews. Reviewed JSA'S and hazard assessments. Stopped circulation at 15:30hrs and Jacked and Skidded the rig, resumed circulation and began to re-assemble the front end of the rig @ 18:00hrs. Pressure tested the choke line 1500 kpa low and 14,500 kpa high. Conducted a bop nipple up inspection and resumed drilling 222mm hole @ 1114m. Drilled from 1114m to 1121m
14.0	1/30/2011	1/31/2011	72,373	1,582,381	Drilled from 1121m 1222m. We had some hole trouble due to high clay content in our mud, worked tight hole on 3 to 4 connections. We ended up pumping out a single and working through the problem areas. MBT was up at 143 kg/m3, increased water additions and mixed to get the mud into shape.



Daily Activity and Cost Summary

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
15.0	1/31/2011	2/1/2011	52,254	1,634,635	Drilled from 1222m to 1240m. Circulated bottoms up then tripped out of the hole to pick up directional tools. Laid down the 42 singles of drill of drill pipe and all of the 127mm drill collars. Held a pre job safety meeting prior to make up directional tools. Made up a Reed R20 AMP 517 Insert bit, set a 2.38 bend in the motor and made up the remaining directional assembly. Made up 53 joints of 102mm HWDP and tripped in the hole. Pulse tested the MWD at the 399m and surveyed every 150m on the way in hole.
16.0	2/1/2011	2/2/2011	67,936	1,702,571	Tripped in the hole with the kick off assembly, reamed and washed from 1100m to 1140m. Tripped from 1140m to 1228m and washed to bottom from 1228m. Drilled from 1240m to 1280m.
17.0	2/2/2011	2/3/2011	57,374	1,759,945	Waited on the new Pason Computer until 02:00hrs. Directionally drilled from 1280m to 1333m. Rop and motor performance are outstanding in the start of the build section. Stopped drilling prior to entering the Slave Point formation so we could level and center the drilling rig around the hole. Circulated numerous bottoms up, and flow checked then rigged out the water tank/dog house, catwalk, manifold and the mud tank. Rigged up the centrifuge tank as a makeshift mud tank to allow us to circulate during the jacking and leveling operation.
18.0	2/3/2011	2/4/2011	94,006	1,853,951	Jacked and leveled the rig. Installed 6 8'x40' mats under the rig and 4 12' x 40' bridge mats under the rig on top of the existing rig matting. Skidded the rig ahead 5". When this was all said and done we had 40" of matting and dunnage under the front end of the sub structure. The ground continued to give way and the decision was made to move the rig off location and address the issue. Moved the doghouse and mud tank back into position. Filled the suction tank and resumed circulation. When the catwalk and pipe table were back on position we pumped a pill and tripped out of the hole to lay down directional tools.
19.0	2/4/2011	2/5/2011	210,409	2,064,360	Layed down the drill string from 900m and the Directional BHA. Waited on the BJ tool hand to arrive with the "WRH" Retrievable Bridge Plugs. The plugs were send up from Edmonton and were delayed due to the icy road conditions. Cleaned mud tanks and rigged out until the tool hand arrived. Held a safety meeting and ran the first plug in on drill pipe to 355m, 5m above the casing shoe. Filled the 102mm drill pipe with water and tied in the pressure tester. Closed the pipe rams and chained down the drill pipe. The plug set 21mpa. The mechanical reaction of setting the plug was fairly violent at surface. The decision was made to trip out and run the second plug @ 336m. Setting the bridge plug on drill pipe would not have been safe at 15m. Both plugs tested low 1,500kpa and 10,500kpa high and held for 10 min each. Layed down the remaining 37 joints of drill pipe and nipped down the bop's. Rig released to the E-52 well at 23:59 hours
20.0	2/10/2011	2/11/2011	40,129	2,104,489	Welding is complete on the I beam frame, rig watchers are on E-52 performing maintenance and prepping the rig to move back onto 2H-03. The boiler is running keeping surface, mainhole mud and water warm until the move. The casing bowl was welded on E-52.
21.0	2/11/2011	2/12/2011	26,144	2,130,633	Construction building new ice pad over the piles on location., rig watchers are on E-52 performing maintenance and prepping the rig to move back onto 2H-03. The boiler is running keeping surface, mainhole mud and water warm until the move. The crews laid down remaining DC's and laid over the derrick. Nabors mechanics repaired damaged drawworks clutch and installed a new crown saver
22.0	2/12/2011	2/13/2011	18,569	2,149,202	Construction crews completed the rebuild of the 2H-03 location, The boiler is running keeping surface, mainhole mud and water warm until the move. The crews laid down remaining DC's and laid over the derrick. Nabors mechanics changed out the Drawworks Driveline U-joint and set up the brakes. Electricians changed out the damaged derrick conduit and light balasts. Crews removed snow.



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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
23.0	2/13/2011	2/14/2011	16,402	2,165,604	Crews removed snow, organized tubulars, rigged down pre-fabs and Pason cords. Boiler running keeping heat on surface and mainhole mud systems in storage.
24.0	2/14/2011	2/15/2011	15,052	2,180,656	Rig Watchers changed oil in the rigs lighplant, floor motor and chain case. Changed out all hydraulic fittings on the catwalk. Boiler running keeping heat on surface and mainhole mud systems in storage.
25.0	2/15/2011	2/16/2011	15,052	2,195,708	Rig Watchers, preparing the rig for the move Boiler running keeping heat on surface and mainhole mud systems in storage.
26.0	2/16/2011	2/17/2011	50,735	2,246,442	Crews flew into Highlevel then travelled to location. Held a safety meeting with Mullen Trucking and began moving the rig. 80% of the rig moved to the 2H-03 location. Flooded the 2H-03 lease over night to level it out around hole center.
27.0	2/17/2011	2/18/2011	109,828	2,356,270	Completed the rig move to 2H-03, spotted all rig and rental loads. Transferred all surface and mainhole mud from E-52 to 2H-03, we had a few challenges with everything as it was 40 below yesterday. Raised the lowe section of the derrick last night, but could not raise the derrick as there is an issue with the air to the hoisting clutch. Nabors mechanics were trouble shooting with the toolpush over the phone. This did not hinder us too badly yesterday as rig up activities were taking place in other areas. Flare tank was rigged in, pason power cords and steam lines were run. Centrifuge tank and shale dryer were rigged up.
28.0	2/18/2011	2/19/2011	50,776	2,407,046	Three hours of the day spent working on the Drawworks Hoisting Clutch. (could not raise the derrick) Nipped up the bops using the hoisting rams because the tuggers were not available. Held a pre job safety meeting @ 11:00 then raised the top derrick section. Displaced 500l of Diesel from the top of the well in to a storage tote. Pressure tested the bop's (details in tomorrows report). Picked up a new Kelly bar and made up chain tong tight. Carried on pressure testing.
29.0	2/19/2011	2/20/2011	79,263	2,486,309	Completed pressure testing as detailed in time breakdown. Held a safety meeting with the Baker Tool hand then made up the retrieving assembly and began picking up HWDP. Pulled the top plug @ 336m then ran in and latched onto the bottom plug at 355m. Conducted a hazard hunt, rig inspection and bop drill. Released the plug and flow checked for 10min, well was static. Laid down the bottom bridge plug and retrieving assembly. Made up the Reed R20 AMP 517 and directional assembly and tripped in the hole to the shoe. Held a safety meeting with Trogan safety, service hands and rig crew, function tested the rig rat system. As soon as we entered open hole the string started taking weight as the hole had sloughed in, we picked up the Kelly and began to ream and wash into the hole.
30.0	2/20/2011	2/21/2011	51,894	2,538,203	Washed and reamed in the hole from 446m to 740m, picked up singles with no kelly through the Fort Simpson, wash and reamed from 740m to 854m, picked up singles with no kelly from 854m to 1090m. Washed and reamed from that point to bottom. The hole through the start of the build was in especially rough shape. Hole loses that we experienced through the Wabamun ceased as we mixed some sawdust and cello flake, we lost nearly 40m3 through the 28 or so hours it took us to make it from the shoe to bottom.



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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
31.0	2/21/2011	2/22/2011	81,585	2,619,788	Reamed and cleaned to bottom from 1327m with 48m of fill the bottom section was in poor shape. Conducted B.O.P and sour drill, Orientated tool and drilled ahead from 1333-1416m with good hole conditions with R.O.P of 2-5m/hour. Bentonite content increased to 150kg/m3+, controlled with desco and water. Drilled ahead to 1424m and circulated hole clean ready to trip bit. Pulled off bottom pulling 6daN over string weight. Pason torque sensor not working.
32.0	2/22/2011	2/23/2011	59,417	2,679,205	Drilled the build section from 1416m to 1424m. After completing a slide at 1424m the drill string was picked off bottom and a 2000kpa pressure drop was noted. We kicked in the rotary table and proceeded to bottom, table torque was very high and there was no differential pressure, this was confirmed through several attempts to make it to bottom. Circulated a bottoms up and tripped out to have a look at the mud motor and bit. When we pulled the motor through the table, the float sub and dump sub were the only sections of the motor attached. This section totalled .78 of a meter in length. The connection between the dump sub and rotor catch connection failed. We broke off and laid down the portion of the motor. We made up a re-run 222mm 447 bit, bit sub and cross over and tripped in to clean out and polish the fish. Washed through a bridge at 580m, the rest of the hole was in good shape. Washed in from 1357m to the top of the fish. Tagged the top of the motor/fish at 1416.84m, projected inclination at bottom is 55 deg. Rotated slowly above the fish and slowly applied weight to polish off the top of the failed connection. Circulated a bottoms up, pumped a pill and tripped out to make up fishing tools. Bentonite content increased to 185kg/m3, controlling with desco and dilution.
33.0	2/23/2011	2/24/2011	52,407	2,731,611	Completed the clean out trip, laid down the bit and bit sub, made up Weatherfords M-9863 series 150 overshot with a 156.1mm spiral grapple. Tripped in and washed in the last single above the top of the fish. Washed down then worked the overshot onto the fish. Pulled 20 daN over string weight, firing the jars once. Tripped out of the hole. The mud motor was not recovered. The Grapple control was broken and the overshot was slightly egged. Weatherford has no other overshot on location. Tripped in with a flat bottom mill, the hole was in good condition on the way in. Fishing tools hot shot from Grande Prairie.
34.0	2/24/2011	2/25/2011	63,575	2,795,186	Completed the trip in with the mill, dressed the top of the fish, tripped out to pick up new overshot and grapple. Tripped in with new fishing assembly, filled pipe at the casing shoe and at KOP. Washed the last 5 singles down to bottom. Worked on the fish for 4 hours with no positive results, the tools we had in the hole were not able to pull the fish off the side of the well. Washover pipe with an internal grapple were mobilized with Grande Prairie along with a second fisherman. Started the trip out to change fishing assembly.
35.0	2/25/2011	2/26/2011	66,386	2,861,572	Tripped out the overshot and spiral grapple. We were unable to get over top of the mud motor and attach the grapple assembly. Made up washover pipe and grapple combo and tripped in the hole to retrieve the fish. Reamed and washed from 1351m to 1398m, the hole did not repond well to the washover pipe assembly. High torque, and overpull were a constant trying to get to the fish top.



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Daily Activity and Cost Summary

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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
36.0	2/26/2011	2/27/2011	50,656	2,912,228	<p>Washed and reamed 1398m to the top of the fish to 1416m the hole did not repond well to the washover pipe assembly. High torque, and overpull were a constant trying to get to the fish top, the difficulties started at 1351m at 30 degrees inc.</p> <p>Washed over the fish top and latched onto it. Worked and pulled it free, pulled 95daN 43 over string weight, at that point the string weight instantly dropped off and we lost the fish. Attempted to relatch unsuccessfully. Tripped out to inspect tools and run overshot and grapple again, as the BJ cementing skid crew was on another job and could not travel to location until the 27th The spiral grapple was worn on the bottom from rotating onto the fish top, scarring and wear marks confirmed that the fish was indeed inside the grapple.</p> <p>Made up overshot and grapple and tripped back in the hole to the casing shoe, filled pipe and conducted the crew change hadover meeting, reviewed the JSA's on slip and cut. Slip and cut extra line as per wear indications. While in the hole, one of the rigs hydraulic lines cracked and needed to be changed out. The rig was down for 1.50 hours while the hose was changed. Tripped in to 1290m</p>
37.0	2/27/2011	2/28/2011	155,258	3,067,486	<p>Tripped in the hole for final attempt to latch fish.</p> <p>Circulated down 8 singles that we laid down while pulling out with the washover assembly. Tagged the fish at 1416.86m, rotated Cut Lip over fish top, stopped rotary asnd slid down .70/m full swallow of the over shot. Pulled up with 10daN overpull and the grapple slid off, attempted several times to latch without success. Tripped out to run cement plugs. BJ Services skid crew was available and on the road from Grande Prairie. Laid down fishing tools and tripped in open ended to cement.</p> <p>Circulated above the fish for several hours waiting on cementers and while they rigged in. Held a crew change and cementing safety meeting.</p> <p>Tied in the cementers with a circulating nubbin to cemented a 150m plug (1416m to 1266m). Filled lines and pressure tested to 25MPa, pumped 2m3 ahead and pumped 5.8m3 (7.6t) BJ's MaxxCem G cement with .90% FL-5, 1.00% CaCl2. Tripped out 13 stands of drill pipe and picked up the kelly to circulate out excess cement and clear the drill string. Pressure increased to 6200 kpa to establish circulation then pressures stabilized at 2600kpa. Tripped out to make up directional tools, laid down the last 13 singles.</p>
38.0	2/28/2011	3/1/2011	54,648	3,122,133	<p>Made up the 222mm directional assembly and tripped in the hole, flow checked and tested the mwd tool at 400m. Picked up the Kelly and washed and reamed several tight spots from 847m to 1190m. Circulated and cleaned up the mud, mixed desco and soda ash to combat the clobbered mud. Laid down 16 singles and tripped in the eight remaining stands from the derrick. Tagged and drilled cement from 1290m to 1303m.</p>



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Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
39.0	3/1/2011	3/2/2011	90,632	3,212,766	<p>Drilled cement from 1303m to 1331m two meters above side track depth. We had drilled all the cement with reduced pup pressure due to an infiltration of micro air bubbles, drilled with a pump pressure reduced from 10,000kpa to 2500kpa range. Mixed 7 pails of defoamer while drilling the cement. The plan was to save the remaining 5 pails of defoamer on location and shock the mud system with defoamer and water so we had enough pump pressure to get a pulse on the mwd tools and begin side tracking. Additional defoamer and mud product ordered at this time. The plan failed we spent 2 1/2 hours trying to get rid of the aerated mud and our pump pressure dropped to 800kpa.</p> <p>The decision was made to use the surface hole mud we had in storage, add a ton of water to get it hydrated and displace the well. We over displaced the well by 15m3 and pump the contaminated mud into 400bbl tanks on location. The pump pressure returned to normal, but the bubbles continued. By the time we displaced the well additional defoamer had arrived. We continued to add small amounts of defoamer while circulating a bottoms up and wanted to establish some consistent pump pressure prior to starting the side track.</p> <p>Drilled cement from 1331m to 1333m at this time a Hydraulic hose blew on the bops. The driller heard the hose blow as he was on the drill floor, he shut in accumulator immediately. The hose was changed and the 50l of oil was cleaned up with sawdust and tampons.</p> <p>Control drilled from 1333m to 1334m @ 1"/4min Control drilled from 1334m to 1337m @ 1"/3min Control drilled from 1337m to 1338m @ 1"/2min Geological samples indicated a reduction in cement at each 50cm sample interval while drilling the above meters.</p>
40.0	3/2/2011	3/3/2011	63,805	3,276,571	<p>Directionally drilled from 1338m to 1413m increasing wob slightly with each kelly drilled down. The side track went smoothly overall, we were off the plug in just over 3/4 of a meter. Rop averaged 3.8 m/hr drilling at full wob and pump rate. Trickle in defoamer all day, mixed to rebuild the mud system and did not run the centrifuge. Small air bubbles continued to break out at the shaker.</p>
41.0	3/3/2011	3/4/2011	56,916	3,333,487	<p>Drilled the 222mm build section from 1413m to 1503m averaging 3.75m/hr for the 24 hour period.</p> <p>Slid 54 of the 90m drilled.</p>
42.0	3/4/2011	3/5/2011	53,032	3,386,519	<p>Drilled 222mm hole from 1503m to ICP at 1534m md TVD of 1422.09m, Inc 90.16 deg, Azi 180.50 deg.</p> <p>While sliding at 1527 the string became hung up and string weight could not be applied to the bit. Attempted to free the string by applying 3-4k torque and working the string, jarred and attempted to pull free, then pulled 48 daN over string weight to get free. This process took one hour, resumed drilling the remaining 7meters. Circulated bottoms up then started the wiper trip, pulled three stands and then started pulling tight hole, pumped out 9 singles, firing the jars several times and pulling 10 to 45 daN to get out of the hole. Reamed back through several sections of the well bore. Once we pulled up to the side track depth 1333m the string pulled free and the hole was in fine condition. Completed the trip out and laying down directional tools. Once the tools were laid down the crew installed a 3" rubber spacer spool under the flow T. Minor rig leveling will take place once we are back on bottom prior to running the 177.8mm intermediate casing string.</p>



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43.0	3/5/2011	3/6/2011	83,664	3,470,183	<p>Tripped in the hole after laying down directional tools to 1320m, reamed and washed 23 singles to bottom. Worked each single until it went in with no excessive hole drag. Circulated on bottom until the shakers were cleaned up. Flow checked and started the trip out, the hole started pulling tight at 1444m, attempted to pull through the tight spots with no pump. Needed the jars and 45 daN overpull to get two stands racked back in the derrick. Pumped out singles from 1404m to 1320m. Hole drag reduced to 8daN with the pump on. Washed back in the hole from 1320m to 1403m mixing gel and barite to increase viscosity and mud density. Density was increased to 1130 kg/m3 and the vis was increased from 70 to 130 s/l.. The hole unloaded fairly large amounts of sand with the increased. Foaming continues to be a minor issue.</p>
44.0	3/6/2011	3/7/2011	53,632	3,523,815	<p>Reamed and washed in the hole from 1403m to bottom at 1534m mixing gel and barite to increase viscosity and mud density. Density was increased to 1130 kg/m3 and the vis was increased from 70 to 130 s/l.. The hole was caving in and unloading. Hole troubles are from the Beaver Hill Lake through the Watt Mountain formations Foaming continued to be a minor issue.</p> <p>Circulated a bottoms up then tripped out to run casing, the hole pulled 30 daN over through the Slave Point formation. Sucked the volume out of the rathole, blew back the kelly and knocked off the Kelly hose.</p> <p>Held a pre-job safety meeting then rigged up to run casing. Made up a 177.8mm float and shoe, checked ok. Ran casing in filling on the fly, broke circulation at 1250m. Washed in the hole from 1320m to 1420m</p>
45.0	3/7/2011	3/8/2011	303,516	3,827,331	<p>Washed and pounded casing in from 1420m to 1532m to get it to bottom. Casing details: Ran 114 joints of 177.8mm L-80, 34.23 kg/m3, LT&C EVRAZ casing, the string included 1 Import L-80 8 round float shoe, one joint of casing and 1 Import 8 round float collar(Top of float collar 1516.51mkb) followed by 113 joints of range 3 to surface. Ran 37 Import Bow Spring Centralizers, stop collars were installed 3m above and below the float collar. Total length of casing was 1534.48m and was landed at 1531.00 mKB.</p> <p>Casing was washed in from 1420m to bottom and circulated on bottom for 3 hours including the pre job safety meeting with BJ Services.</p> <p>Cement details: Pre-flushed with 4.00m3 water followed by 1.17t (3.00m3) MaxxCem G Cement with .90% FL-5, 1.00% Cacl2 scavenger pre-flush weighted at 1250kg/m3. Cemented with 35.5 t (34.5m3) MaxxCem G cement with .90% FL-5, 1.00% Cacl2. Dropped the plug and displaced with 30.10m3 fresh water, bumped the plug at 12MPa 3.5 MPa over the final circulating pressure at 08:30 hrs March 7, 2011. Full mud returns throughout the job. Bled back the floats held and the annulus level was static. No cement returns noted at the shaker.</p> <p>Drained the bops, blew out the casing and lifted the bop stack. Installed the casing slips and set into them at 44daN. Cut and beveled the casing, installed the casing slip assembly and lowered the bops. Pressure tested the manifold shack, upper and lower Kelly cocks and inside bop.</p>
46.0	3/8/2011	3/9/2011	60,361	3,887,692	<p>Nippled up the bop's, crews struggled with damaged bolts on the kill line and had to replace. Pressure tested the casing and bop's as detailed in the time breakdown. The HCR valve would not hold pressure and was replaced by the rig crew, all other components tested without incident.</p> <p>Made up and scribed MWD tools with a 127mm 7/8 lobe 3.8stage HR motor set at 1.83 deg and a 156mm UD 513 PDC drill bit and tripped in the hole. Tested the filled pipe and tested the MWD tool at 400m and 1000m. Tagged cement at 1511m, drilled the float 1516.95m and the shoe at 1531m. No issues drilling the plugs.</p> <p>Drilled 156mm hole from 1534m to 1545m</p>



Daily Activity and Cost Summary

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
47.0	3/9/2011	3/10/2011	80,444	3,968,136	Drilled 222m of the lateral section from 1545m to 1767m. Slid for 25 of those meters. As per the intruction of our Geologists we are slowly dropping TVD from 1422m to 1418m over the course of the horizontal leg.
48.0	3/10/2011	3/11/2011	49,652	4,017,788	Drilled from 1767m to 1922m As per the intruction of our Geologists we are slowly dropping TVD from 1422m to 1418m over the course of the horizontal leg. Spent 1.5hrs sliding 7.5m. At the survey prior to midnight we are .74m below and 5.12m right of the target line. Conducted a sour bop drill and practiced search patterns with all drilling personnel
49.0	3/11/2011	3/12/2011	55,850	4,073,637	Drilled from 1922m to 2082m As per the intruction of our Geologists. Spent 1.5hrs sliding 7m. At the survey prior to tripping we are .19m above and 2.60m left of the target line. Projection at the bit Inc 89.3, Azm 177.80, TVD 1422.63m We tripped out of the hole to perform a pipe swap have a fresh bit and motors for the second half of the lateral section. We were experiencing difficulty sliding and steering the motor and needed to wipe the hole regardless.
50.0	3/12/2011	3/13/2011	98,737	4,172,375	Completed the trip out of the hole, removed bit # 6 and laid down the motor. Installed a new MWD tool set the HR motor to 1.50 deg made up a new UD513 PDC and tripped in the hole. Washed and reamed through several tight spots areas with dog legs in the wellbore. Washed and reamed the last 79m to bottom (2003 to 2082m) Drilled from 2082m to 2088m As per the intruction of our Geologists. Spent 2.25 hrs sliding 2m. At the survey prior to midnight we are .10m above and 2.90m left of the target line. We were experiencing difficulty sliding and steering, mobilized some EZ Drill to assist with this problem. Pumped high vis sweeps to clean any surplus drill solids in the hole.
51.0	3/13/2011	3/14/2011	59,666	4,232,040	Drilled from 2088m to 2209m As per the intruction of our Geologists. Spent 7 hrs sliding 13m. At the survey prior to midnight we are 2.07m above and 5.10 m left of the target line. We are still experiencing difficulty sliding and steering, Viscosified sweeps and EZ Drill additions do not seem to assist with this problem.
52.0	3/14/2011	3/15/2011	56,677	4,288,717	Drilled from 2209m to 2333m As per the intruction of our Geologists. Spent 7.75 hrs sliding 20m. At the survey prior to midnight we were 1.50m above and 2.80m left of the target line. We are still experiencing difficulty sliding and steering, Rocking the string consistently while sliding is the only way to maintain WOB and a decent penetration rate. Drilled through some large fractures gas peaked at 2900 units, average peaks 400 to 600 units.
53.0	3/15/2011	3/16/2011	56,677	4,345,394	Drilled from 2333m to 2520m as per the intruction of our Geologists. Spent 8 hrs sliding 19.50m. At the survey prior to midnight we were .38m above and 2.36m right of the target line. Midnight survey depth 2506.46m, Inc 90.8, Azi 180.6, TVD 1421.62m We continued to experience difficulty sliding and steering, Rocking the string consistently while sliding is the only way to maintain WOB and a decent penetration rate.
54.0	3/16/2011	3/17/2011	52,516	4,397,910	Drill from 2520m - 2534m. Tripped out of the hole and layed down singles for reaming. Make up reaming BHA and trip in the hole drifting pipe in the derrick
55.0	3/17/2011	3/18/2011	97,050	4,494,960	Reaming from 1635m - 2228m
56.0	3/18/2011	3/19/2011	71,261	4,566,221	Reaming from 2228m - 2534m. Circulate bottoms up. Calibrate logging tools and drop into pipe. Trip out of hole and log with Datalog from 2534m - 1149m
57.0	3/19/2011	3/20/2011	54,621	4,620,842	Logging while tripping to 940m. Found logging tool stuck in drill pipe. Removed logging tool and layed down single. Tripped in the hole to 2534m. Circulated bottoms up. Drop and pump down logging tool. Logging while tripping out of the hole. Rig up the floor to run Packer Plus assembly and 114mm liner.



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Daily Activity and Cost Summary

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

API/UWI 302/H-03/6010-11730/0	Surface Legal Location 300/2H-03/6010-11730	Field Name Cameron Hills	License # 2073	State/Province NT	Well Configuration Type HORIZ
Ground Elevation (m) 770.20	Casing Flange Elevation (m) 772.20	KB-Ground Distance (m) 7.02	KB-Casing Flange Distance (m) 5.02	Spud Date 1/20/2011 23:45	Rig Release Date 3/21/2011 12:00

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
58.0	3/20/2011	3/21/2011	485,699	5,106,541	Run in the hole with Packers Plus packer assembly and 114mm liner. Circulate bottoms up. Displace liner annulus to fresh water. Hang liner. Pressure test liner. Pull out of liner and displace well to fresh water. Lay down drill pipe. Clean mud tanks. Rig down. Mud product reconciled.
59.0	3/21/2011	3/22/2011	317,670	5,424,211	Lay down HWDP. Rig down BOP Equipment. Release rig at 12:00 hr. Rig down. Move rig to E-52 location