



# Daily Completion and Workover

PARA ET AL CAMERON M-74

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 4/2/2011

Report #: 6.0

Total AFE Amount: 265,268.00

AFE Number: 11N120006

Daily Cost Total:

Cum Cost to Date: 271,507

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License # 2063
Well Configuration Type VERT	Casing Flange Elevation (m) 778.16	Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13
Last Casing String Surface, 377.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 4,242	Tubing Pressure (kPa) 426

## Objective

To Re complete & acid stimulate well with additional Sulphur point perforations.

## Operations Summary

Continued to flow until 05:00 hrs. Q= fairly stable @ +/- 77 e3m3/day. FTP~ 430 kPa. TFR= 37.36m3, h2s = 1.0%, salinity= 60,000. RO equipment and move to 2H-03. LTR 17.64m3

## Operations Next Report Period

JOB COMPLETE. TOTP.

Road Condition Rough	Weather Overcast	Start Date 3/28/2011	End Date 4/2/2011
Head Count 21.0	Personnel Total Hours (hr) 184.00	Cum Personnel Total Hours (hr) 1,104.00	

## Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-358-4526
Field Supervision	Stephen Baggs	780-717-9461
Rig Manager	Dwayne Palmer	403-357-6841

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	05:00	5.00	5.00	00:00 - 05:00 hrs. Continued to flow/ evaluate Sulphur Point intervals. recovered 2.84m3 water in 5hrs of flow. Shut in and secure well. Salinity = 60,000. PH= 6. H2s = 1.0%. recovered a total of 37.36m3 in 24hrs of flow. Cummm gas = 55.51 e3/m3. FTP at shut in +/- 430 kPa @ 77.8 e3m3/day.
05:00	07:00	2.00	7.00	Held safety meeting with rig personnel. Dissused hazards of daily operations. Move mobile equipment to 2H-03 location

## Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	0.00	2.84	37.36	17.64

## Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/29/2011	Sulphur Point, Original Hole	1,407.00	1,408.00	
3/29/2011	Sulphur Point, Original Hole	1,414.00	1,419.00	
2/24/2010	Sulphur Point, Original Hole	1,421.50	1,425.00	(1,407.00 - 1,408.00)

## Tubing Components

Item Des	Top (mKB)

## Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	377.00
Production	J-55	20.834	1,473.00



# Daily Completion and Workover

PARA ET AL CAMERON M-74

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 4/1/2011

Report #: 5.0

Total AFE Amount: 265,268.00

AFE Number: 11N120006

Daily Cost Total: 41,999

Cum Cost to Date: 271,507

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License # 2063
Well Configuration Type VERT	Casing Flange Elevation (m) 778.16	Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13
Last Casing String Surface, 377.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

## Objective

To Re complete & acid stimulate well with additional Sulphur point perforations.

## Operations Summary

Ran production tubing. Landed tb end @ 1406.7 mKB. NU well head. Swabbed well in to flow. Rec 34.52m3 fluid @ 24:00hrs. FTP ~430 kPa on 38.1mm gut line. Q= increasing +/- 55.5 e3m3/day.

## Operations Next Report Period

Continue to flow/ evaluate. RO rig and equipment. Move to 2H-03.

Road Condition Rough	Weather Clear	Start Date 3/28/2011	End Date
Head Count 21.0	Personnel Total Hours (hr) 184.00	Cum Personnel Total Hours (hr) 920.00	

## Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-358-4526
Field Supervision	Stephen Baggs	780-717-9461
Rig Manager	Dwayne Palmer	403-357-6841

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	02:30	2.50	2.50	Made up and RIH as follows: 1x 0.12m wireline re-entry, 1x 0.38m "1.87 XN", 1x 3.05m 60.3mm pup, 1x 0.28m "1.87 X", 144 jts x 1384.11m of 60.3mm tb, 4 pups totaling 8.68m, 1x 9.45m jt, 1x 60.3mm to 73mm XO and tubing hanger. NOTE -3.70m wireline to tally correction with acid tools collar locator. Land hanger and secure lags.
02:30	03:00	0.50	3.00	RO tongs, handrails, floor and all handling equipment.
03:00	04:00	1.00	4.00	ND BoP's and NU 3k "flowing" well head. Tighten down and secure.
04:00	00:00	20.00	24.00	Rig in to swab. Pull 5 swabs recovering 3.10m3 water. Well flowing, open to gutline. Recovered 31.42m3 additional load fluid in 19 hours of flow. Salinity 54,000. PH=6. Total fluid recovered @ 24:00hrs = 34.52m3 Trace oil in samples. H2s recorded @ 1.0%. Continue to flow/ evaluate overnight.

## Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	0.00	34.52	34.52	20.48

## Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/29/2011	Sulphur Point, Original Hole	1,407.00	1,408.00	
3/29/2011	Sulphur Point, Original Hole	1,414.00	1,419.00	
2/24/2010	Sulphur Point, Original Hole	1,421.50	1,425.00	(1,407.00 - 1,408.00)

## Tubing Components

Item Des	Top (mKB)

## Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	377.00
Production	J-55	20.834	1,473.00



# Daily Completion and Workover

PARA ET AL CAMERON M-74

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/31/2011

Report #: 4.0

Total AFE Amount: 265,268.00

AFE Number: 11N120006

Daily Cost Total: 89,993

Cum Cost to Date: 230,187

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License # 2063
Well Configuration Type VERT	Casing Flange Elevation (m) 778.16	Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13
Last Casing String Surface, 377.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 1,021	Tubing Pressure (kPa) 0

## Objective

To Re complete & acid stimulate well with additional Sulphur point perforations.

## Operations Summary

Squeezed 6.0m3 HCL over Sulphur point/ Dolomite intervals. Pulled tubing and lay out acid tools.

## Operations Next Report Period

Run production tubing. Swab to initiate flow

Road Condition Rough	Weather Clear	Start Date 3/28/2011	End Date
Head Count 21.0	Personnel Total Hours (hr) 184.00	Cum Personnel Total Hours (hr) 736.00	

## Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-358-4526
Field Supervision	Stephen Baggs	780-717-9461
Rig Manager	Dwayne Palmer	403-357-6841

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:30	08:00	0.50	0.50	07:30 Crew change safety meeting with all personnel. Walk around lease inspection & Lel check. No lel's. Serviced and started equipment. Reviewed JSA/ hazard assessment.
08:00	14:00	6.00	6.50	Moved in Seawards shower unit and acid tank truck. Held safety meeting and gave Paramount orientation to operators. Spotted equipment and continued to wait on arrival of Trican. Crew at camp due to hours of service.
14:00	21:00	7.00	13.50	Moved in Trican C&A equipment. Conducted Paramount orientation with all personnel. Held a safety meeting reviewing program & spotting of equipment. Open well to testers. Bleed off casing from 1050 kPa to zero in 5 minutes. Pump 20m3 through Trican manifold down casing. NO returns at surface. Spot 1.0m3 15% HCL down tubing followed by 2.86 m3 water. Hoist tubing to first squeeze position and pump 2.86m3 acid. Close unloader on the fly and continue to pump 0.64m3 acid followed by 0.86m3 water (1.0m3 acid placed 1417-1419 mKB) Move up hole and pump 1.0m3 water down tubing displacing 1.0m3 acid in 1415-1419 mKB interval. Hoist tubing for 3rd stage. Pump 1.0m3 water and place~ 1.0m3 acid @ 1414.0mKB. Average pump pressure @ 800 kPa/ 200 lt/min throughout stages. Move up and pressure test cup tool in blank casing between intervals. Good test. Lay out 1jt and pup. Place cup tool over 1407-1408 interval & spot remaining 1.5m3 acid. Close unloader valve on the fly and squeeze remaining acid away followed by 0.5m3 fresh water overflush. Flow check well. RO and release Trican and related services.
21:00	00:00	3.00	16.50	Continue to RO Trican. Prep floor, Pull and stand all tubulars. Lay out BHA with packer, selective acid tools etc.

## Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water	30.00	0.00	0.00	55.00

## Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/29/2011	Sulphur Point, Original Hole	1,407.00	1,408.00	
3/29/2011	Sulphur Point, Original Hole	1,414.00	1,419.00	
2/24/2010	Sulphur Point, Original Hole	1,421.50	1,425.00	(1,407.00 - 1,408.00)

## Tubing Components

Item Des	Top (mKB)

## Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	377.00
Production	J-55	20.834	1,473.00





# Daily Completion and Workover

PARA ET AL CAMERON M-74

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/30/2011

Report #: 3.0

Total AFE Amount: 265,268.00

AFE Number: 11N120006

Daily Cost Total: 36,040

Cum Cost to Date: 140,194

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License # 2063
Well Configuration Type VERT	Casing Flange Elevation (m) 778.16	Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13
Last Casing String Surface, 377.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 342	Tubing Pressure (kPa)

## Objective

To Re complete & acid stimulate well with additional Sulphur point perforations.

## Operations Summary

Rig service. Wait on Trican for stim services.

## Operations Next Report Period

Acid squeeze Sulphur Point intervals.

Road Condition Fair	Weather Clear	Start Date 3/28/2011	End Date
Head Count 21.0	Personnel Total Hours (hr) 184.00	Cum Personnel Total Hours (hr) 552.00	

## Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-358-4526
Field Supervision	Stephen Baggs	780-717-9461
Rig Manager	Dwayne Palmer	403-357-6841

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	00:30	0.50	0.50	Attended daily safety meeting at plant. Crew change safety meeting on M-74. Reviewed hazard assessment/ safe work permit. discussed daily activities.
00:30	20:00	19.50	20.00	Service and start equipment. Conducted rig maintenance. Checked well pressures. CP = 342, Tb on slight vacuum. Wait on availability of stim services. Rig watch etc.

## Report Fluids Summary

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

## Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/29/2011	Sulphur Point, Original Hole	1,407.00	1,408.00	
3/29/2011	Sulphur Point, Original Hole	1,414.00	1,419.00	
2/24/2010	Sulphur Point, Original Hole	1,421.50	1,425.00	(1,407.00 - 1,408.00)

## Tubing Components

Item Des	Top (mKB)

## Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	377.00
Production	J-55	20.834	1,473.00



# Daily Completion and Workover

PARA ET AL CAMERON M-74

Rig: Concord Well Service

Business Unit: NE BC & NWT COU

Report Date: 3/29/2011

Report #: 2.0

Total AFE Amount: 265,268.00

AFE Number:11N120006

Daily Cost Total: 50,947

Cum Cost to Date: 101,994

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License # 2063
Well Configuration Type VERT	Casing Flange Elevation (m) 778.16	Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13
Last Casing String Surface, 377.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

## Objective

To Re complete & acid stimulate well with additional Sulphur point perforations.

## Operations Summary

Perforated Sulphur Point, Dolomite intervals 1414-1419 mKB & 1407-1408 mKB. Pressure response of 200 KPa after firing of 1m interval. RIH acid stim tool string. Positioned open port @ 1419.0 mKB.

## Operations Next Report Period

Wait on Trican for stim services "Thursday"

Road Condition Fair	Weather Overcast	Start Date 3/28/2011	End Date
Head Count 21.0	Personnel Total Hours (hr) 184.00	Cum Personnel Total Hours (hr) 368.00	

## Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-358-4526
Field Supervision	Stephen Baggs	780-717-9461
Rig Manager	Dwayne Palmer	403-357-6841

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	05:30	5.50	5.50	Held safety meeting with rig crew and wireliners. Installed flanged connection, Bop's etc. Made up and RIH 111mm gauge ring GR/CCL tool string. Logging system failed @ 1300 meters. Attempt to troubleshoot with no success. POOH and wait on arrival of replacement unit.
05:30	07:30	2.00	7.50	Replacement Pure Energy truck arrives. Rigged in and RIH 111.0mm gauge ring GR/CCL to a PB tag @ 1453.2 mKB. Logged 100 meters from PB to 1350 mKB. Correlated on depth to in field Gamma strip available. POOH.
07:30	07:30		7.50	Held crew change safety meeting with all personnel.
07:30	10:30	3.00	10.50	RIH and perforated Sulphur Point/ Dolomite intervals 1414.0- 1419.0 & 1407.0 - 1408.0 mKB with a 101.6 mm ERHSC casing gun. Loaded with 36 gramm, 17 Spm charges at 60 degree phasing. No fluid level noticed during the 2 gun runs. NO pressure response after the first run. Casing pressure increased to 200 kPa 30 minutes after perforating the 1407-1408m interval. POOH, RO & release wireline.
10:30	10:30		10.50	Made up and RIH as follows: 1x 0.13m Re-entry guide, 1x 0.41m collar locator, 1x 139.7mm x 2.9m "cup tool with 2m spacing", 1x 1.69m "single grip" packer, 1x 0.67m "DMP" circ valve, 1x 1.26m pup joint, 1x 0.28m "1.87" F" profile, 146 jts of 60.3mm J-55 tbg. 2 pup jts totaling 6.23m, 1 jt 60.3mm tbg. NOTE: Circ port is open and positioned @ 1419.0 mKB. Packer is set in 3 dAn compression. Tubing end @ 1421.5 mKB. Secure well, SDFN. Wait on Trican for acid stimulation.

## Report Fluids Summary

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

## Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/29/2011	Sulphur Point, Original Hole	1,407.00	1,408.00	
3/29/2011	Sulphur Point, Original Hole	1,414.00	1,419.00	
2/24/2010	Sulphur Point, Original Hole	1,421.50	1,425.00	(1,407.00 - 1,408.00)

## Tubing Components

Item Des	Top (mKB)

## Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	377.00
Production	J-55	20.834	1,473.00



**Paramount**  
resources ltd.

## Daily Completion and Workover

**PARA ET AL CAMERON M-74**

**Rig: Concord Well Service**

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

**Report Date: 3/28/2011**

**Report #: 1.0**

**Total AFE Amount: 265,268.00**

**AFE Number: 11N120006**

**Daily Cost Total: 51,200**

**Cum Cost to Date: 51,200**

API/UWI 300M746010117150	Surface Legal Location 300M74601011715	Field Name Cameron Hills	License # 2063
Well Configuration Type VERT	Casing Flange Elevation (m) 778.16	Ground Elevation (m) 777.93	Original KB Elevation (m) 782.13
Last Casing String Surface, 377.00mKB	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 15

### Objective

To Re complete & acid stimulate well with additional Sulphur point perforations.

### Operations Summary

Moved from 2H-03 to M-74. Rigged in complete. ND wellhead and NU pressure tested class III Bop's. RIH Bit, collars and tubing. Drilled out cement and BP @ 1411 mKB. Cleaned out to 1455 mKB. POOH.

### Operations Next Report Period

Perforate additional Sulphur Point intervals. RIH selective acid tools on 60.3mm tbg.

Road Condition Fair	Weather Oversast	Start Date 3/28/2011	End Date
Head Count 21.0	Personnel Total Hours (hr) 184.00	Cum Personnel Total Hours (hr) 184.00	

### Daily Contacts

Title	Job Contact	Mobile
Completion Manager	Lionel Larson	403-358-4526
Field Supervision	Stephen Baggs	780-717-9461
Rig Manager	Dwayne Palmer	403-357-6841

### Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
00:00	02:00	2.00	2.00	Held safety meeting on 2H-03. Continued to load and haul equipment to location. Haul in and unload on 2H-03 matting (operations stock) and additional light towers from High Level.
02:00	07:30	5.50	7.50	Move in wellsite shack, boiler, doghouse etc. Move in and spot p-tank and flare. Fire boiler and build head of steam. Move in and spot with picker rig mats, catwalk, pipe racks, power swivel, collars, handling equipment, etc. Moved in and unloaded 150 jts 60.3mm J-55 tbg. Spot all equipment complete to Paramount, NEB & OH&S spec. Raise rig and center over hole. Rig in pump and circulating equipment.
07:30	08:00	0.50	8.00	Crew change safety meeting with all personnel. Walk around lease inspection & Lel check. No Lel's. Reviewed Safe Work Permit/ Hazard assessment. Attended safety meeting at plant as well.
08:00	10:00	2.00	10.00	Continued to rig in equipment complete. Lay out boiler and accumulator lines. Change out and function test pipe rams to 60.3mm.
10:00	11:00	1.00	11.00	Stump test class III Bop to low 1.4 MPa & high 21 MPa for 10 minutes per component. GOOD. Test pump circulating equipment, manifold etc to high of 21 MPa as well. All good.
11:00	12:00	1.00	12.00	Flow check well. 15 Kpa on tb. Bleed of to test line. ND well head, Install landing jt with swedge (73mm TH in well) and NU class III Bop's. Tighten down studs and re-pressure test ring seal & rams to 21 MPa. Good.
12:00	13:30	1.50	13.50	Install rig floor, hand rails, tongs etc. Prep work area for handling of drill collars.
13:30	17:00	3.50	17.00	Made up and RIH 4 3/4 bit, XO, XO, 6 88.9mm "drill collars". Tally drift and RIH 141 jts 60.3mm tbg. Tag cement @ 1405 mKB md.
17:00	20:00	3.00	20.00	Rigged in swivel. Drilled out cement and Bp located at 1411 mKB. Pushed to bottom @ 1455 mKB. Lost circulation after breaking through Bp. Prep to POOH. Crew change safety meeting.
20:00	00:00	4.00	24.00	POOH and stand all tubulars. Lay out drill collars, etc. Prep for wireline operations.

### Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Water				

### Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
2/24/2010	Sulphur Point, Original Hole	1,421.50	1,425.00	

### Tubing Components

Item Des	Top (mKB)

### Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	377.00
Production	J-55	20.834	1,473.00