



# Daily Completion and Workover

## PARA ET AL CAMERON I-73

Rig: Nabors

Business Unit: NE BC & NWT COU

Report Date: 3/22/2012

Report #: 9.0

Total AFE Amount: 177,740.00

AFE Number: 12N220026

Daily Cost Total: 18,925

Cum Cost to Date: 311,107

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m) 774.80 779.30
Last Casing String	PBTD (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa) 2,275 350

Objective

Acid stimulate Sulphur Point formation. Swab & evaluate

Operations Summary

HSE Report. No incidents or accidents reported. Continued to flow/ evaluate Sulphur point formation. Recovered 6.54m3 in 18.5hr of flow today. Shut well in @ 18:30hrs. Q= Fairly stable ~ 1900 kPA @ 35.2 e3m3/d (simulated line pack) Recovered 59.16m3 load fluid. Load fluid LTR= 11.32m3. Cumm hrs flared = 50, Cumm gas flared = 90.26 e3m3. H2s = 0.6%, PH=7, Salinity = 84,000 ppm

Operations Next Report Period

Clean up equipment and rig out.

Road Condition Rough	Weather	Start Date 3/12/2012	End Date 3/18/2012
Head Count	9.0	Personnel Total Hours (hr) 120.00	Cum Personnel Total Hours (hr) 1,197.50

Daily Contacts

Title	Job Contact	Mobile
Completions	Lisa Moffat	403 819 5017
Wellsite Supervisor	Stephen Baggs	403 799 1005
Rig Manager	Perry Bouvier	403 350 2586

Time Log

Start Time	End Time	Dur.(hr)	Cum Dur (hr)	Comments
00:00	18:30	18.50	18.50	Continue to flow/ evaluate Sulphur point intervals. 02:00 hrs FTP= 350 kPA @ 55.39 e3m3/d 06:00 hrs FTP= 350 kPA @ 58.16 e3m3/d 10:00 hrs Increased tank back pressure to simulate line pack 12:00 hrs FTP= 1975 kPA @ 33.82 e3m3/d 14:00 hrs FTP= 1950 kPA @ 36.99 e3m3/d 18:00 hrs FTP= 1900 kPA @ 37.10 e3m3/d  16:30 Shut well in. Well fairly stable ~1900 kPA @ 37.0 e3m3/d H2s last recorded as 0.6%, PH= 7, salinity @ 84,000 ppm. Cumm gas flared = 90.265 e3m3. Total fluid recovered in 18.5hr flow = 6.55m3 Total hrs flowing= 50 LFLTR=11.32m3
18:30	20:30	2.00	20.50	18:30 - 19:30 Shut in pressures after 1 hour. CP= 4,750 kPA. TP= 4,700 kPA. Rig out flow and flare line, purge vessel with propane. Secure well and SDFN.

Report Fluids Summary

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	Cum from Well (m <sup>3</sup> )	Left to recover (m <sup>3</sup> )
Acid	0.00	0.00		
Fresh Water	0.00	6.55	58.76	11.33

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

Tubing Components

Item Des	Top (mKB)

Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00



## Daily Completion and Workover

### PARA ET AL CAMERON I-73

#### Rig: Nabors

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

Report Date: 3/23/2012

Report #: 10.0

Total AFE Amount: 177,740.00

AFE Number: 12N220026

Daily Cost Total: 31,398

Cum Cost to Date: 330,005

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
Last Casing String	PBTB (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa)

#### Objective

Acid stimulate Sulphur Point formation. Swab & evaluate

#### Operations Summary

HSE Report. No incidents or accidents reported. Continued to rig out test equipment complete. Hauled all fluids off location to disposal. Cleaned out vessel with vac truck.

#### Operations Next Report Period

NO Report. Job complete. TOTP.

Road Condition Rough	Weather Clear	Start Date 3/12/2012	End Date 3/23/2012
Head Count	Personnel Total Hours (hr) 9.0	Cum Personnel Total Hours (hr) 120.00	1,317.50

#### Daily Contacts

Role	Name	Job Contact	Mobile
Completions	Lisa Moffat		403 819 5017
Wellsite Supervisor	Stephen Baggs		403 799 1005
Rig Manager	Perry Bouvier		403 350 2586

#### Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Comments
07:30	08:00	0.50	0.50	Checked well head and area with calibrated Lel. No Lel's. Held Paramount tailgate safety meeting (#8004) with Big Eagle tank and vac truck operators. Discussed vessel cleaning and working with sour fluids.
08:00	12:00	4.00	4.50	Hauled out 21m3 water from 400 bbl tank. Used hydro-vac and cleaned test vessel (6.0m3). Open man way and clean through hatches from outside only. No entry involved. Secured hatches, completed rigging out. Release Pure Energy services. Job complete.

#### Report Fluids Summary

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	Cum from Well (m <sup>3</sup> )	Left to recover (m <sup>3</sup> )
Acid	0.00	0.00		
Fresh Water			58.76	11.33

#### Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

#### Tubing Components

Item Des	Top (mKB)

#### Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00

**Daily Completion and Workover****PARA ET AL CAMERON I-73****Paramount**  
resources ltd.**Rig: Nabors****Business Unit: NE BC & NWT COU**

Report Date: 3/21/2012

Report #: 8.0

Total AFE Amount: 177,740.00

AFE Number: 12N220026

Daily Cost Total: 14,018

Cum Cost to Date: 289,639

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
Last Casing String	PBTD (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa)

**Objective**

Acid stimulate Sulphur Point formation. Swab &amp; evaluate

**Operations Summary**

HSE Report. No incidents or accidents reported. Moved test equipment from E-52 and rigged in to well head. Opened well to flow on clean up. Recovered 7.28 m3 water in 13 hrs flow. FTP = Fairly stable 350 kPa @ 54.0 e3m3/d. PH=7, Salinity = 81,000 ppm.

**Operations Next Report Period**

Continue to flow on clean up.

Road Condition Rough	Weather Clear	Start Date 3/12/2012	End Date 3/18/2012
Head Count	9.0	Personnel Total Hours (hr)	Cum Personnel Total Hours (hr)

1,077.50

**Daily Contacts**

Role	Name	Job Contact	Mobile
Completions	Lisa Moffat	403 819 5017	
Wellsite Supervisor	Stephen Baggs	403 799 1005	
Rig Manager	Perry Bouvier	403 350 2586	

**Time Log**

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Comments
07:30	09:00	1.50	1.50	Held safety meeting on E-52 location. Prepped and moved equipment to I-73.
09:00	11:00	2.00	3.50	Rig in flare, test vessel, shipping line, ESD etc. Recorded well pressures. 5,2000 kPa on both sides. Purge vessel with propane. Pressure tested flow line to manifold with well bore. GOOD. Recorded static H2s sample (1.2%) Prepared to flow as per Paramount flow procedures.
11:00	11:00	3.50	11:00 hrs Open well to flow on 38.1mm "gut line" 11:30 Tp= 600 kPa, CP= 2900 kPa. Gas rate= 81.45 e3m3/d 12:00 Tp= 500 kPa, CP= 2500 kPa. Gas rate= 64.82 e3m3/d 14:00 Tp= 425 kPa, CP= 2300 kPa. Gas rate= 53.13 e3m3/d 18:00 Tp= 375 kPa, CP= 2275 kPa. Gas rate= 51.52 e3m3/d 24:00 Tp= 350 kPa, CP= 2275 kPa. GAs rate= 55.32 e3m3/d  Rates fairly stable post 19:00 hrs ~350 kPa @ +/- 54.1 E3M3/d. CP= 2275 kPa. PH= 7, Salinity = 86,000 ppm. H2s recorded as 1.2%. Samples 100% water. Well continues to lift fluid at approx 0.5m3/hr	

**Report Fluids Summary**

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	Cum from Well (m <sup>3</sup> )	Left to recover (m <sup>3</sup> )
Acid	0.00	0.00		
Fresh Water	0.00	7.28	52.21	19.40

**Perforations**

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

**Tubing Components**

Item Des	Top (mKB)

**Casing Strings**

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00

**Daily Completion and Workover**

Report Date: 3/18/2012

**PARA ET AL CAMERON I-73**

Report #: 7.0

**Rig: Nabors****Total AFE Amount: 177,740.00****Business Unit: NE BC & NWT COU****AFE Number: 12N220026****Daily Cost Total: 30,218****Cum Cost to Date: 269,649**

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
Last Casing String	PBTD (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa)

**Objective**

Acid stimulate Sulphur Point formation. Swab &amp; evaluate

**Operations Summary**

HSE Report. No incidents or accidents reported. Rigged out rig equipment while flowing well. Recovered 8.727m<sup>3</sup> water today. No wax in samples. H2s = 1.0% FTP prior to shut in 270 kPa @ 41.52 e3m<sup>3</sup>/day. PH=7, salinity = 7. Cumm gas flared = 22.61 e3m<sup>3</sup>. Total hrs flowing = 18.6 LFLTR= 26.7m<sup>3</sup>. Well pressures recover to 5,000 kPa on both sides 1.5hr after shut in.

**Operations Next Report Period**

Move rig and equipment to E-52. Return at later date to continue clean up.

Road Condition Rough	Weather Overcast	Start Date 3/12/2012	End Date 3/18/2012
Head Count	Personnel Total Hours (hr)		Cum Personnel Total Hours (hr)

13.0 123.50 949.50

**Daily Contacts**

Title	Job Contact	Mobile
Completions	Lisa Moffat	403 819 5017
Wellsite Supervisor	Stephen Baggs	403 799 1005
Rig Manager	Perry Bouvier	403 350 2586

**Time Log**

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:30	08:00	0.50	0.50	Daily walk around lease inspection. Serviced and started equipment. Reviewed Paramount safe work permit and contractor JSA's. Discussed flow procedures adn rigging out of equipment.
08:00	17:00	9.00	9.50	Checked well for pressures. Casing= 5200 kPa. Tp= 5150 kPa. Pressure test flow line to closed manifold. Good. 08:00 hrs, Open well to flow on 38.1mm "gut line". H2s recorded @ 1.6% 09:00 hrs, Ftp = 350 kPa @ 32.048 e3m <sup>3</sup> /d recovered 0.46m <sup>3</sup> water, salinity 58,000, PH=7 10:00 hrs, Ftp = 280 kPa @ 30.31 e3m <sup>3</sup> /d. recovered 1.41m <sup>3</sup> water, salinity 64,000 PH=7 12:00 hrs, Ftp = 250 kPa @ 34.26 e3m <sup>3</sup> /d. recovered 2.67m <sup>3</sup> water in 2hrs, salinity 68,000 14:00 hrs, Ftp = 260 kPa @ 37.36 e3m <sup>3</sup> /d. recovered 1.78m <sup>3</sup> water in 2hrs, salinity 70,000 17:00 hrs, Ftp = 270 kPa @ 41.52 e3m <sup>3</sup> /d. recovered 2.4m <sup>3</sup> water in 3 hrs, salinity 72,000 PH=7 17:00 hrs, SHUT WELL IN and record build ups. Well builds to 5,000 kPa (both sides) 1.5 hr after shut in.  Recovered 8.727m <sup>3</sup> water today. No wax in samples. H2s = 1.0% FTP prior to shut in 270 kPa @ 41.52 e3m <sup>3</sup> /day. PH=7, salinity = 7. Cumm gas flared = 22.61 e3m <sup>3</sup> . Total hrs flowing = 18.6 LFLTR= 26.7m <sup>3</sup> . NOTE: Field notes need to be adjusted with 5.84m <sup>3</sup> added to load on Mar 15 due to pumping to move wax.
17:00	17:00		9.50	Haul 30.5m <sup>3</sup> flowback to CCS for disposal. Rig out pump and tank complete. Lay over and rig out service rig. Load tank on pump. Re-run boiler lined to heat fluid tanks overnight. Prep for AM rig move.

**Report Fluids Summary**

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	Cum from Well (m <sup>3</sup> )	Left to recover (m <sup>3</sup> )
Acid	0.00	0.00		
Fresh Water	0.00	8.73	44.93	26.68

**Perforations**

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

**Tubing Components**

Item Des	Top (mKB)

**Casing Strings**

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00



## Daily Completion and Workover

### PARA ET AL CAMERON I-73

Report Date: 3/17/2012

Report #: 6.0

Total AFE Amount: 177,740.00

AFE Number: 12N220026

Daily Cost Total: 31,868

Cum Cost to Date: 239,813

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
Last Casing String	PBTM (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa)

#### Objective

Acid stimulate Sulphur Point formation. Swab & evaluate

#### Operations Summary

HSE Report. No accidents or incidents reported. Surge/ flow well as required. Up to 75% wax in samples in first 1.8m3 fluid recovered before flowing clean. Wax sample taken. H2s @ 1.2%, PH = 7, Salinity = 80,000 ppm. Total fluid recovered today = 16.065m3. Cumm gas flared = 7.649 e3m3. Cumm fluid recovered = 36.614 m3. LFLTR= 29.566 m3. FTP @ 19:00hrs = 210 kPa@ 22.51 e3m3/day. Casing pressure fairly stable @ +/- 2,200 kPa.

#### Operations Next Report Period

Continue to flow/ evaluate

Road Condition Rough	Weather Clear	Start Date 3/12/2012	End Date
Head Count	12.0	Personnel Total Hours (hr)	Cum Personnel Total Hours (hr)

#### Daily Contacts

Title	Job Contact	Mobile
Completions	Lisa Moffat	403 819 5017
Wellsite Supervisor	Stephen Baggs	403 799 1005
Rig Manager	Perry Bouvier	403 350 2586

#### Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Comments
07:30	08:00	0.50	0.50	Walk around lease inspection/ LeI check. No LeI's. Serviced and started equipment. Held pre job safety meeting/ JSA review with all personnel. Discussed swabbing and flowing operations, H2s safety etc.
08:00	19:30	11.50	12.00	Checked well for pressure. Tb= 4,650 kPa. CP= 4,800 kPa. Tie in flow line to well testers. Pressure test to manifold with wellbore gas. Good. Open to flow as per Paramount flow procedure. H2s sampled @ manifold = 1.2%. Opened to 38.1mm gut line to initiate flow. Fluid to surface in first 10 minutes of flow. Fluid contains 75% wax in samples for first 1.8 m3 of flow back. Well recover a total of 3.34m3 water/wax in 1.25 hrs of flow. 09:45 Shut well in to build flow pressure. 10:15 SITP = 950 kPa. SICP = 3800 kPa. Open well to gut line. Well bleeds off in 15 minutes recovering no fluid. Shut in and record build ups. 11:30 SITP = 1925 kPa. SICP = 4600 kPa. Open well to gut line recovering 2.07m3 water in one hour before no longer flowing. 12:30 Shut in to surge/ flow 13:30 SITP = 2500 kPa. SICP = 4275 kPa. Well becomes stronger between shut ins. Open to flow on 38.1mm gut line. Well continues to flow for remainder of day. Recovered 16.065m3 fluid in 8.5 hrs of flow. Salinity = 80,000 ppm, H2s = 1.2%, Cumm gas flared = 7.649 e3m3. 19:30 hrs. Shut well in and secure for night.

#### Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Acid	0.00	0.00		
Fresh Water	0.00	16.07	36.20	35.41

#### Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

#### Tubing Components

Item Des	Top (mKB)

#### Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00



## Daily Completion and Workover

Report Date: 3/16/2012

### PARA ET AL CAMERON I-73

Report #: 5.0

#### Rig: Nabors

Total AFE Amount: 177,740.00

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

AFE Number: 12N220026

Daily Cost Total: 39,145

Cum Cost to Date: 208,133

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m) 774.80 779.30
Last Casing String	PBTD (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa) 1,275 0

#### Objective

Acid stimulate Sulphur Point formation. Swab & evaluate

#### Operations Summary

HSE Report. No incidents or accidents reported. Pulled 21 swabs today recovering 17.0m3 water. Wax issues getting better during operations. Fluid level remaining fairly constant @ +/- 800 meters. PH= 6, salinity @ 22,000 ppm. H2s content = 1.0%. Trace burnable through out swabbing. Cumm gas 0.474 e3m3.

#### Operations Next Report Period

Continue to swab/ evaluate

Road Condition	Weather	Start Date	End Date
Rough		3/12/2012	
Head Count	15.0	Personnel Total Hours (hr)	Cum Personnel Total Hours (hr) 117.00 706.00

#### Daily Contacts

Role	First Name	Last Name	Job Contact	Mobile
Completions	Lisa	Moffat	403 819 5017	
Wellsite Supervisor	Stephen	Baggs	403 799 1005	
Rig Manager	Perry	Bouvier	403 350 2586	

#### Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Comments
07:30	08:00	0.50	0.50	Daily walk around lease inspection. Checked well and area with calibrated lel. No lel's. Serviced and started equipment. Held daily safety meeting/ contractor JSA review with all personnel. Discussed swabbing operations, H2s concerns and shipping of potentially sour fluids.
08:00	08:00	0.50		Flow check well. CP= 1275, Tubing = TSTM. Rigged in 73 mm swab equipment. RIH 1st swab tagging wax @ 790 meters. Unable to get past. POOH and pump 1.0m3 hot water to well. RIH and manage to get past wax plug to 1070 meters. Pulled out of hole recovering 0.5m3 water. Difficult swabbing for several swabs due to wax issues. Had to lay out lube and clean out wax on occasion. Pulled a total of 21 swabs today recovering 17.0 m3 water. Some burnable during operations. PH = 6, salinity = 40,000 ppm. H2s last recorded @ 1.0%. Casing pressure increased from 1275 to 2400 kPA during swabbing activity. Secure well. Lay out lube. Clean and inspect (New rope socket needed) drain pump and lines & SDFN.

#### Report Fluids Summary

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	Cum from Well (m <sup>3</sup> )	Left to recover (m <sup>3</sup> )
Acid	0.00	0.00		
Fresh Water	1.50	17.00	20.13	51.47

#### Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

#### Tubing Components

Item Des	Top (mKB)

#### Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00

**Daily Completion and Workover****PARA ET AL CAMERON I-73**

Report Date: 3/15/2012

Report #: 4.0

**Rig: Nabors****Total AFE Amount: 177,740.00****Business Unit: NE BC & NWT COU****AFE Number: 12N220026****Daily Cost Total: 40,109****Cum Cost to Date: 184,877**

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
Last Casing String	PBTB (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa)

**Objective**

Acid stimulate Sulphur Point formation. Swab &amp; evaluate

**Operations Summary**

HSE Report. No accidents or incidents reported. Alternated between swabbing and slicklining in attempts to free tubing of wax. Unable to swab effectively due to wax build up in tubing. Appear to still be pushing wax ahead of swab cups. Pumped 7 m3 hot water to well during slicklining operations. 3.13m3 recovered during swabbing. Wax samples sent to Baker for analysis.

**Operations Next Report Period**

Swab to testers. Slickline brush when required.

Road Condition Rough	Weather Clear	Start Date 3/12/2012	End Date
Head Count	15.0	Personnel Total Hours (hr) 154.00	Cum Personnel Total Hours (hr) 589.00

**Daily Contacts**

Title	Job Contact	Mobile
Completions	Lisa Moffat	403 819 5017
Wellsite Supervisor	Stephen Baggs	403 799 1005
Rig Manager	Perry Bouvier	403 350 2586

**Time Log**

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:30	08:00	0.50	0.50	Daily walk around lease inspection. Checked well head and area with calibrated lel monitor. No lel's. Serviced and started equipment. Reviewed contractor JSA's / daily operations with all personnel. Discussed slickline safety and swabbing procedure.
08:00	12:00	4.00	4.50	Checked well for pressures. CP= 1,200 kPA. Tp = TSTM. Rigged in 73mm swab equipment. RIH 73mm swab mandrel only to 780 meters. Tagged hard and continued to work down. Pumped 2.0 m3 hot water (75c) from 400 bbl tank while working sandline tool string. Continued to work mandrel tool string to 1300 meters with tight areas at 900 and 975 meters. POOH and inspect. Mandrel and sinker bar covered with wax. RIH half MV cup and pushed ahead to 990 meters. POOH recovering 0.6m3 water. Cup filled with caked in wax as well. Cleaned mandrel & sinker bar. Change cup and RIH. Unable to get further then 900 meters. Had to push through several tight areas. POOH recovering only 0.2 m3 water. Unable to feel fluid tag due to wax. Lay out swab equipment and inspect. Swab lubricator saver head filled with wax. Cleaned out approx 20lt pail from lubricator. Prep to slickline
12:00	14:00	2.00	6.50	Rig in Pure Energy slickline equipment. Held a safety meeting and RIH 73mm Wax knife tool string to 800 meters. Tag wax plug and work through to 1350 meters by cycling wax knife while pumping hot water. Made several passes with knife and brush. POOH.
14:00	16:00	2.00	8.50	Rigged in to swab. RIH tagging fluid @ 790 meters. Difficulty still encountered getting down to 1190 meters. POOH recovering 0.61m3 fluid, PH=5. Pulled next swab from 1300 meters recovering 1.0m3 fluid. Unable to get furthur then 800 meters on next swab due to wax again being pushed ahead of swab cups. Rig in slickline to brush tubing.
16:00	18:30	2.50	11.00	Made up and RIH 2.5" Aggressive make "Nipple brush" Worked through several tight spots from 690 to 850 meters. Pulled and ran 5 additional times to 1350 alternating pumping hot fluid and brushing. No tight spots observed. POOH and rig down slickline for night.
18:30	19:30	1.00	12.00	Attempted to rig in swab equipment. Had to lay out and rebuild due to waxes being packed in lubricator and saver head. Secure well, drain pump and lines & SDFN.

**Report Fluids Summary**

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
Acid	0.00	0.00		
Fresh Water	7.00	3.13	3.13	66.97

**Perforations**

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

**Tubing Components**

Item Des	Top (mKB)

**Daily Completion and Workover****PARA ET AL CAMERON I-73****Rig: Nabors****Business Unit: NE BC & NWT COU**

Report Date: 3/15/2012

Report #: 4.0

Total AFE Amount: 177,740.00

AFE Number: 12N220026

Daily Cost Total: 40,109

Cum Cost to Date: 184,877

**Casing Strings**

Csg Des.	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00

**Daily Completion and Workover****PARA ET AL CAMERON I-73**

Report Date: 3/14/2012

Report #: 3.0

Total AFE Amount: 177,740.00

AFE Number: 12N220026

Daily Cost Total: 35,791

Cum Cost to Date: 143,616

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
Last Casing String	PBTD (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa)

**Objective**

Acid stimulate Sulphur Point formation. Swab &amp; evaluate

**Operations Summary**

HSE Report. No incidents or accidents reported. Worked 73mm tubing with wax knife, nipple brush 2.34 gauge ring to 1385 mCF. Pumped 6.0 m3 to tubing to assist moving slickline tools. Attempted to swab but was only able to get to 800 meters due to wax on tubing walls. We appear to be pushing wax ahead of swab cups forming plugs. Recovered 0.6 m3 water, PH=5. Fluid level ~ 800 meters.

**Operations Next Report Period**

Attempt to swab. Clean tubing wax with slickline tools

Road Condition	Weather	Start Date	End Date
Rough	Clear	3/12/2012	
Head Count	Personnel Total Hours (hr)	154.00	Cum Personnel Total Hours (hr)

**Daily Contacts**

Title	Job Contact	Mobile
Completions	Lisa Moffat	403 819 5017
Wellsite Supervisor	Stephen Baggs	403 799 1005
Rig Manager	Perry Bouvier	403 350 2586

**Time Log**

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Comments
07:30	08:00	0.50	0.50	Daily walk around lease inspection. check well and area with calibrated LeI. No LeI's. Serviced and started equipment. Held pre job hazard assessment/ contractor JSA review with all personnel. Discussed slickline operations, swabbing and general H2s safety.
08:00	15:30	7.50	8.00	Moved in Pure Energy slickline. Held a safety meeting and rigged in to well head. Cp= 1050 kPa. Tb on vacuum. Purged and pressure tested with n2. RIH 2.0" Wax knife to 350 mCF. NO problems. RIH 2.5" nipple brush to 100 mCF. Unable to get any further. Same depth as previous day. RIH 2.5" wax knife to 105 mCF work area with tool string, pumping 70c water to assist making hole. Able to get to 1050 mCF with no further issues. RIH 2.34 gauge ring to 910 mCF. POOH and RIH 2.5" wax knife again working wax knife to 1370 mCF. POOH RIH 2.34 gauge ring to tag profile @ 1385 mCF. POOH. RO and release slickline. NOTE: Tool string covered with wax each run. Samples collected during day. Pumped total of 6.0m3 water to well during slickline.
15:30	19:30	4.00	12.00	Rigged in swab equipment. RIH first swab to 500 meters with no tag. Pulled out of hole and inspected cup. MV cup full of wax from scraping tubing. RIH to 850 meters. Unable to get further. Tagged approx 700 meters. POOH recovering 0.4m3 fluid. PH=5. Swab cup very waxy as well. Continued with swabbing but unable to reach further then 800 meters. Got aggressive with line in attempt to work through. POOH and inspect (Lots of wax on swab cup) Sandline kinked at rope socket as a result of banging down on wax plug. Pour new rope socket and continue with swabbing. RIH with just 73mm no-go mandrel to +/- 800 meters. Work mandrel approx 30 meters more before no more depth made. POOH and RIH sinker bar only. Sinker bar stops completely @ +/- 830 meters but able to get moving again by pushing ahead to approx 1300 meters. POOH and again try mandrel only with no depth progress past 790 meters. POOH. Secure well & SDFN. NOTE: It appears that we are pushing wax ahead of our swab cup to the point where a plug is formed and no further depth can be made.

**Report Fluids Summary**

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	Cum from Well (m <sup>3</sup> )	Left to recover (m <sup>3</sup> )
Acid	0.00	0.00		
Fresh Water	6.00	0.00	0.00	63.10

**Perforations**

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

**Tubing Components**

Item Des	Top (mKB)



**Paramount**  
resources ltd.

**Daily Completion and Workover**

**PARA ET AL CAMERON I-73**

**Rig: Nabors**

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

**Report Date: 3/14/2012**

**Report #: 3.0**

**Total AFE Amount: 177,740.00**

**AFE Number: 12N220026**

**Daily Cost Total: 35,791**

**Cum Cost to Date: 143,616**

**Casing Strings**

Csg Des	Grade	Wt/Len (kg/m)	Set Depth.(mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00

**Daily Completion and Workover****PARA ET AL CAMERON I-73**

Report Date: 3/13/2012

Report #: 2.0

**Total AFE Amount: 177,740.00**

AFE Number: 12N220026

Daily Cost Total: 58,360

Cum Cost to Date: 105,745

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m) 774.80 779.30
Last Casing String	PBTG (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa) 4,800 5,200

**Objective**

Acid stimulate Sulphur Point formation. Swab &amp; evaluate

**Operations Summary**

HSE Report. No incidents or accidents reported. Performed 8.5m<sup>3</sup> 15% diverter acid squeeze. Unable to stage diverter through Baker pumping unit. Continued with program without diverter. Placed total of 8.5m<sup>3</sup> 15% HCl to Sulphur point formation. Total water 48.5m<sup>3</sup> to recover. Rigged in to swab. Wax encountered on tubing walls make difficult getting down. Sample obtained.

**Operations Next Report Period**

Wax knife tubing with slickline.

Road Condition Rough	Weather Overcast	Start Date 3/12/2012	End Date
Head Count	17.0	Personnel Total Hours (hr) 110.50	Cum Personnel Total Hours (hr) 281.00

**Daily Contacts**

Title	Job Contact	Mobile
Completions	Lisa Moffat	403 819 5017
Wellsite Supervisor	Stephen Baggs	403 799 1005
Rig Manager	Perry Bouvier	403 350 2586

**Time Log**

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Comments
07:30	08:00	0.50	0.50	Daily walk around lease inspection. Check well head and area with calibrated LeL. No LeL's. serviced and started equipment (-25) Reviewed Paramount SWP and contractor JSA's with all personnel. Conducted Paramount orientation with Baker personnel. Discussed acid job, emergency response and general workplace safety with all.
08:00	11:30	3.50	4.00	Checked well head for pressures. Tb = 4,800 kPa. Cp = 5,200 kPa. H2s recorded @ 0.4%. Moved in Baker acid pumper, acid hauler and shower support unit. Rigged in manifold and treating line to well head. T to testers for bleed off if necessary. (-28) Warm up equipment with steam. Circulate rig pump while rigging pump line to casing valve. Move in water hauler to feed C&A unit for job.
11:30	11:45	0.25	4.25	Review job procedure with all prior to pressure testing treating lines.
11:45	13:30	1.75	6.00	Pressure test rig pump casing line to 14 MPa. Good. Bleed down to 7 MPa and open casing valve. Pump to casing @ 150-300 lts/min for first 10 m <sup>3</sup> while maintaining pump pressure. Casing pressure decreasing while killing well bullheading to formation. AV = 22.8m <sup>3</sup> , TV = 4.22m <sup>3</sup> . Pump 20.0m <sup>3</sup> to well total before pressure testing Baker treating line to 14 MPa. Set pressure dump valve to max treating pressure for job (7.9 MPa.) Bleed treating line to 7MPa and open well head. Continue to pump water down both tubing and casing while maintaining positive annulus pressure. Hole volume pumped to well with minimal pressure increase. Feed rate established as a combined rate of 0.4m <sup>3</sup> /min @ 1.0 MPa.
13:30	15:30	2.00	8.00	Start acid as per program while maintaining positive pressure on annulus with rig pump to ensure hole is kept full. Pump 0.5 m <sup>3</sup> acid followed by 0.75m <sup>3</sup> diverter stage. NOTE: Problems arise with Baker pumper during diverter stages. Had to shut down pumping and circulate to Baker compartments on C&A unit. Pumper unable to move diverter without losing suction, cavitating suction, line jacking etc. Try to switch from acid to diverter 2 sepeperate occasions with same results. Contact Calgary with concerns. Decide to finish the job with straight 15% HCl only. Continue to pump acid to tubing while maintaining minimal pump rate to annulus to ensure backside is full. Placed a total of 8.5m <sup>3</sup> 15% HCl to Sulphur point perforations. Approx diverter to reach formation = 0.5m <sup>3</sup> only. Average treating pressure @ 2.0MPa/ 200 l/min. Flused tubing with 4.4m <sup>3</sup> water. Shut pumps and monitor. Well goes on Vacuum.
15:30	18:00	2.50	10.50	Pump Gelled diverter with breaker to test vessel. Rig in swab equipment. Flow check well. Vacuum. Attempt to RIH with 73mm swab cup. Difficulty getting through tubing hanger. Suspect ice plug. Heat well head and attempt again. Work swab tool string down to approx 30 meters. POOK and inspect equipment. Large soft wax plug on sinker bar and mandrel. Obtain sample and contact Calgary. Secure well for night.

**Report Fluids Summary**

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	Cum from Well (m <sup>3</sup> )	Left to recover (m <sup>3</sup> )
Acid				
Fresh Water	57.10	0.00	0.00	57.10

**Perforations**

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	

**Daily Completion and Workover****PARA ET AL CAMERON I-73****Rig: Nabors****Business Unit: NE BC & NWT COU**

Report Date: 3/13/2012

Report #: 2.0

Total AFE Amount: 177,740.00

AFE Number: 12N220026

Daily Cost Total: 58,360

Cum Cost to Date: 105,745

**Perforations**

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

**Tubing Components**

Item Des	Top (mKB)

**Casing Strings**

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00

DM 662146



## Daily Completion and Workover

### PARA ET AL CAMERON I-73

#### Rig: Nabors

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

Report Date: 3/12/2012

Report #: 1.0

Total AFE Amount: 177,740.00

AFE Number: 12N220026

Daily Cost Total: 47,846

Cum Cost to Date: 47,846

API/UWI 300/I-73/6010-11715/0	Surface Legal Location I-73 6010' 11715'	Field Name Cameron Hills	License # 0001937
Well Configuration Type Vertical	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m)
Last Casing String	PBTD (All) (mKB) Original Hole - 1,623.00	Casing Pressure (kPa)	Tubing Pressure (kPa)

## Objective

Acid stimulate Sulphur Point formation. Swab &amp; evaluate

## Operations Summary

HSE Report. No incidents or accidents reported. Moved rig and equipment from K-19 to I-73 location. Rigged in all support equipment, boiler, testers etc. Raised rig and install floor. Conducted SCVF "bubble test" NO flow detected. Prepped equipment for acid squeeze.

## Operations Next Report Period

Acid stimulate existing perfs. Swab and evaluate.

Road Condition Rough	Weather Overcast	Start Date 3/12/2012	End Date
Head Count	Personnel Total Hours (hr) 18.0	Cum Personnel Total Hours (hr) 170.50	170.50

## Daily Contacts

Title	Job Contact	Mobile
Completions	Lisa Moffat	403 819 5017
Wellsite Supervisor	Stephen Baggs	403 799 1005
Rig Manager	Perry Bouvier	403 350 2586

## Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Comment
07:30	08:00	0.50	0.50	Daily walk around lease inspection. Service and start equipment. Reviewed Paramount "SWP" 2662 with all personnel. Review contractor JSA's as well. Discussed rig move, loading and unloading procedure, emergency response etc with all.
08:00	11:00	3.00	3.50	Rig move pump with tank and test equipment. Rig, dog house etc. to wait at plant until spotted due to lease size.
11:00	18:00	7.00	10.50	Rig in pump and tank. Rig in test equipment complete. Record shut in well head pressures. Cp= 5,100 kPA, Tb= 4,400 kPA. Conduct SCVF "bubble test" NO flow detected. Move in picker with matting, fuel skid etc. Spot matting for rig and 400 bbl tanks. Blade and water around well head prior to spotting rig mat. Spot boiler, propane skid, enviro bin, 400 bbl tanks etc with bed truck. Move wellsite shack and boiler with Low boy tractors. Load and Back haul remaining pipe from F-19 & K-19 to High Level. Spot rig and doghouse. Raise rig and center over well. Install floor, handrails etc. Moved in 17m <sup>3</sup> water from K-19 location. Move in and unload 60m <sup>3</sup> to 400 BBL tank. Rig in boiler complete. Heat fluid overnight.

## Report Fluids Summary

Fluid	To well (m <sup>3</sup> )	From well (m <sup>3</sup> )	Cum from Well (m <sup>3</sup> )	Left to recover (m <sup>3</sup> )
Fresh Water				

## Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
3/21/2011	Sulphur Point, Original Hole	1,399.00	1,400.00	
3/21/1901	Sulphur Point, Original Hole	1,408.00	1,410.00	
3/21/1901	Sulphur Point, Original Hole	1,413.00	1,414.00	
4/1/1901	Sulphur Point, Original Hole	1,415.00	1,419.00	

## Tubing Components

Item Des	Top (mKB)

## Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	53.574	426.00
Production	J-55	34.228	1,638.00