



## Daily Completion and Workover

### PARA ET AL CAMERON 2M-73

**Rig: Hurley Rod Rig**

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

**Report Date: 1/5/2013**

**Report #: 1.0**

**Total AFE Amount: 172,508.00**

**AFE Number: 13N300001**

**Daily Cost Total: 36,842**

**Cum Cost to Date: 36,842**

API/UWI 302M73/6010117150	Surface Legal Location Para et al Cameron 2M - 73	Field Name Cameron Hills	License # 0004107
Well Configuration Type Deviated	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m) 771.80 776.05
Last Casing String	PBTD (All) (mKB) Original Hole - 1,504.10	Casing Pressure (bars)	Tubing Pressure (bars) 2.0 2.0

Objective  
Repair parted rods and replace bottomhole pump

#### Operations Summary

HSE Report. No accidents or incidents. Move in rod rig and rig up on well. Operators bleed well down to pipeline. 200 kpa on tubing. Bleed off to P-tank and tubing dead. Hoist up on polish rod and unseat pump. Pull out of hole with BHP. All rods look new. Pick up new pump and surface stroke test with diesel. Run in hole with 10 38.1 mm sinker bars and 50 19.1 mm HS rods. Change out couplers on the way in the hole.

#### Operations Next Report Period

Continue running in hole with rods. Change out all couplers. Seat BHP and find tap. Pressure up on tubing and stroke test pump. Install Horse head and turn well over to operators.

Road Condition Rough	Weather Overcast	Start Date 1/5/2013	End Date
Head Count	Personnel Total Hours (hr) 9.0	Cum Personnel Total Hours (hr) 86.00	86.00

#### Daily Contacts

Title	Job Contact	Mobile
Supervisor	Brent Hughes	403 554 9349
Field Supervisor	Rick Hull	780 518 0697
Rig Manager	Jim Flann	

#### Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:30	08:00	0.50	0.50	Hold pre job safety meeting with all personnel on location. Perform Paramount orientation with all personnel. Perform lease turn over with Lead operator Dave Hetesey ( Permit # 32601). Discuss driving conditions and lease conditions including H2S levels.
08:00	12:00	4.00	4.50	Move in 2 8X40 rig mats due to soft around wellhead and height of wellhead. Spot mats with bed truck. Spot and rig up Hurley Rod Rig. Lower bottom clamp and set weight on wellhead. Perform surface casing vent test. Watch for bubbles for 10 minutes. No bubbles to report. Test good. Remove horse head from pump jack. Move in 10 m3 fresh water and rig in steam truck to keep kill fluid warm. Move in unmanned p-tank and flare stack. Rig up p tank. 200 kpa on tubing. Bleed off gas. Rig up work floor and install railings. Pick up on rod string. 5 dans weight. Appear to be unseating pump. Pull and lay down polish rod. Pull 4' and 10' pony. Strip on rod table with function tested Reagan. Tubing dead. No venting. Get ready to pull rods.
12:00	14:45	2.75	7.25	Pull out of hole with 52 HS 22.2 mm Twister Scrapped rods, 4 HS 22.2 mm NEXXTB Scrapped rods, 36 HS 19.1 mm NEXXTB scrapped rods, 92 HS 19.1 mm SB1 scrapped rods, 10 38.1 mm sinker bars and BHP. All rods look in good shape. Pump seized and cannot close stroke. Lay down pump.
14:45	15:30	0.75	8.00	Crew eat lunch and warm up.
15:30	17:30	2.00	10.00	Pick up new pump. Ensure pump card matches pump. Stroke test pump with diesel. Pick up and run in with 10 38.1 mm sinker bars. Crew using rod tongs. Torque double checked with torque card. Start running in hole with same rod string. Change out all couplers on the way in hole. Run 50 rods total. Pick up polish rod and strip off rod table. Secure well and shut down for night.

#### Report Fluids Summary

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

#### Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
1/29/2011	Sulphur Point, Original Hole	1,485.00	1,488.50	Open
1/29/2011	Sulphur Point, Original Hole	1,488.50	1,492.00	Open
	Sulphur Point, Original Hole	1,494.00	1,498.00	

#### Tubing Components

Item Des	Top (mKB)

#### Casing Strings

Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	429.00
Production	J-55	23.067	1,522.00



## Daily Completion and Workover

### PARA ET AL CAMERON 2M-73

**Rig: Hurley Rod Rig**

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

Report Date: 1/6/2013

Report #: 2.0

Total AFE Amount: 172,508.00

AFE Number: 13N300001

Daily Cost Total: 10,022

Cum Cost to Date: 46,864

API/UWI 302M73/6010117150	Surface Legal Location Para et al Cameron 2M - 73	Field Name Cameron Hills	License # 0004107
Well Configuration Type Deviated	Casing Flange Elevation (m)	Ground Elevation (m)	Original KB Elevation (m) 771.80 776.05
Last Casing String	PBTD (All) (mKB) Original Hole - 1,504.10	Casing Pressure (bars)	Tubing Pressure (bars) 2.0 0.0

Objective  
Repair parted rods and replace bottomhole pump

#### Operations Summary

HSE Report. Continue running in hole with rods, changing couplers as we run in. Pick up polish rod and land. Seat pump, pump 2.8 m<sup>3</sup> to fill and pressure up to 3500 kpa with rig pump. Bleed off pressure and stroke up to 3500 kpa with BHP. Pressure test good. Bleed off pressure. Land rod string 16" off tap and install horse head. Rig out all equipment and turn lease over to operators.

#### Operations Next Report Period

Turn well over to operators

Road Condition Rough	Weather Overcast & Snow	Start Date 1/5/2013	End Date
Head Count	Personnel Total Hours (hr) 9.0	72.00	Cum Personnel Total Hours (hr) 158.00

#### Daily Contacts

Title	Job Contact	Mobile
Supervisor	Brent Hughes	403 554 9349
Field Supervisor	Rick Hull	780 518 0697
Rig Manager	Jim Flann	

#### Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Com
07:00	07:15	0.25	0.25	Hold pre job safety meeting with all personnel on location.
07:15	13:00	5.75	6.00	Continue running in hole with rods, changing couplers on the way in. Land polish rod. 52 HS 22.2 mm Twister Scrapper rods, 4 HS 22.2 mm NEXXTB Scrapper rods, 36 HS 19.1 mm NEXXTB scrapper rods, 92 HS 19.1 mm SB1 scrapper rods, 10 38.1 mm sinker bars and BHP. Set rod string weight on PSN and seat nipple. Rig in pump line and pump 2.8 m <sup>3</sup> down tubing. Pressure up to 3500 kpa. Test good. Bleed pressure back to zero and stroke pump. Pressure up to 3500 kpa with BHP (witnessed by Rick Brigley). Bleed off pressure. Place rod string 16" off tap. Tighten up polish rod clamps. NOTE: Rods in hole dated 96.
13:00	15:00	2.00	8.00	Rig out work floor. Pick up horse head and install. Rig out all equipment and clean up lease. Perform lease turn over with Operator Dave Hetyesy. Move all equipment off lease.

#### 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	2.80	0.00	0.00	2.80

#### Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
1/29/2011	Sulphur Point, Original Hole	1,485.00	1,488.50	Open
1/29/2011	Sulphur Point, Original Hole	1,488.50	1,492.00	Open
	Sulphur Point, Original Hole	1,494.00	1,498.00	

#### Tubing Components

Item Des	Top (mKB)

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Csg Des	Grade	Wt/Len (kg/m)	Set Depth (mKB)
Surface	J-55	35.716	429.00
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