

ISPG/ IGSP



Paramount Resources Ltd

Well Operations Report

Para et al Cameron 2F-73 60 10 117 15

WID 2025

Prepared by
Dick Heenan
June 23 2010

D Heenan
2010/06/25

Paramount Resources Limited hereby submits the Well Operations Report on the subject well as required by Section 89 of the Canada Oil and Gas Drilling and Production Regulations

Objective

This program was performed to suspend the subject well as proposed in the letter from Mr. Tom Hong of Paramount to the Chief Conservation Officer of the National Energy Board, 2009-11-26

Summary of Operations

The Concord 41 service rig was moved in and rigged up, along with safety equipment and P-tank and flare for blow-down of the well. The well was filled with 3% KCl, to kill and the sucker rods and tubing were removed. A bridge plug was set @ 1516mKB with electric wireline, the well topped off with inhibitor, and the plug pressure tested to 17Mpa. Then 30 meters of cement was dump bailed on top of the plug. The BOP was removed and the wellhead re-installed

A copy of the Daily Reports as submitted to the NEB per Section 83 of the Canada Oil and Gas Drilling and Production Regulations is enclosed in Appendix 3

Completion Fluid Properties

The well was filled with fresh water with BJ Techni-Hib 606W @ 5000ppm "packer fluid" – a combination of oxygen scavenger and corrosion inhibitor as show in the well schematic supplied with the Well Termination Report.

Well Schematic & Tubular Goods

A copy of the downhole well schematic and tubular goods, as supplied with the Well Termination Report, is enclosed in Appendix 1.

Christmas Tree

A copy of the Christmas tree and wellhead diagram is enclosed in Appendix 2.

Production Control System

The well is shut-in and not connected to any production system at present

Details of Any Impact of any Well Operation That May Effect Recovery

As per the Application to Alter the Condition of a Well (AACW), and the above description, this operation was performed to suspend a non-economic well. The well configuration was left to allow the well to be abandoned as per Section 56 of the Canada

Oil and Gas Drilling and Production Regulations, or to allow the cement and bridge plug to be drilled out and the well put back on production at a later date. This well was shut-in as it is not an economic producer. For this reason, the operation will not further affect the recovery of hydrocarbons from the wellbore.

Rig Release Date

As per the previously submitted Daily Reports, the rig was released 20100126

Appendices

Appendix 1 Downhole Diagram

Appendix 2 Wellhead Configuration

Appendix 3 Daily Reports

PARAMOUNT ET AL CAMERON 2F-73

60° 10' N, 117° 15' W

Bottom Hole Diagram (as suspended 2010)
Wellhead in place - no tubing

KB: 780.5 m
GL: 776.3 m

428

219.1 mm, 35.7 kg/m, J-55 ST&C casing
set at 428 mKB. Cemented with 32 t class
'G' cement + 2% CaCl2. 5.0 m3 cement
returns to surface.

139.7 mm, 23.07 kg/m, J-55, LT&C set at
1562 mKB. Cemented with 22 t ThixLite +
1% SMS and 15 t Expandomix LWL + 0.1%
CFL-3 + 0.2% LTR + 1.0% SPC-II. 5.0 m3
cement returns to surface.

Inhibited water
BJ Techni-Hib 606W @ 5000ppm

30 m cement top @ 1486

Drillable bridge plug @ 1516

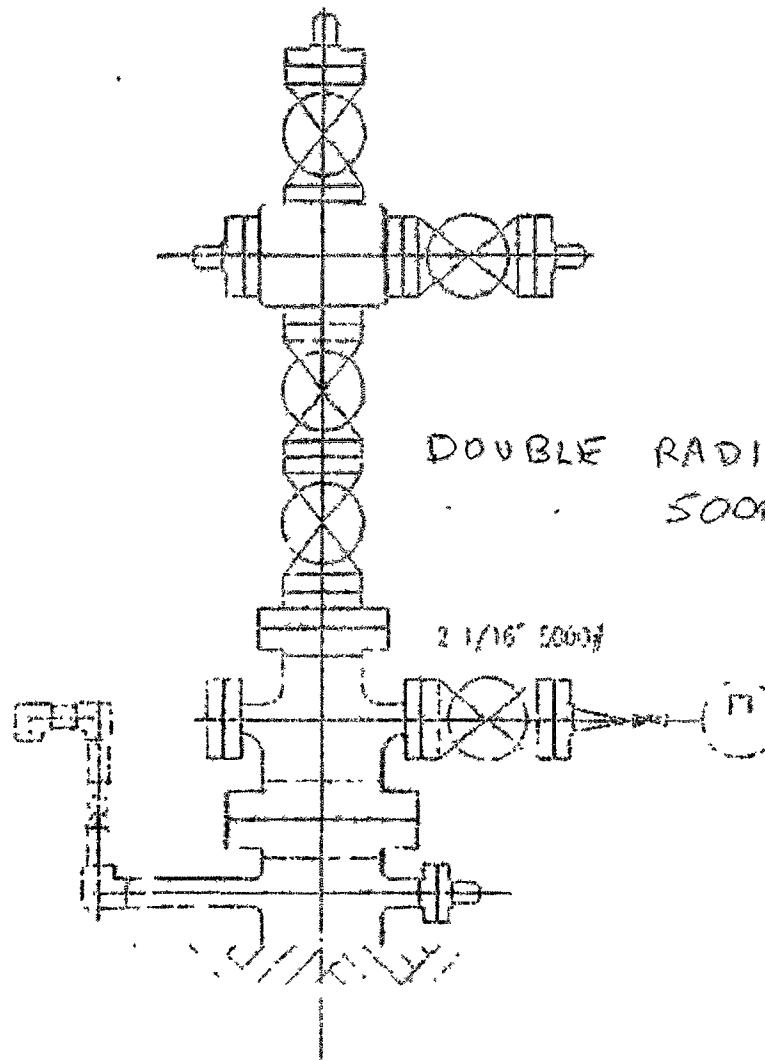
1525.5 - 1531.0

Sulphur Point Perforations

1547

Casing set at 1562 mKB

Total Depth = 1562



DOUBLE RADIGAN
5000 PSI

2 1/16" 2003



WELLHEAD DETAILS

WELL NAME 2F-73
LOCATION 2F-73

222 03300

1948



Daily Completion and Workover

PARA ET AL CAMERON 2F-73

Rig: Concord Well Service

Business Unit: NW ALBERTA COU

Report Date: 1/23/2010

Report # 1.0

Total AFE Amount:

AFE Number: Para

Daily Cost Total: 81,082

Cum Cost to Date. 81,082

API/UWI 302F736010117150	Surface Legal Location Para et al Cameron 2F - 73	Field Name Cameron Hills	License No 0002025
Well Configuration Type Vertical	Casing Flange Elevation (m) 780.50	Ground Elevation (m) 776.30	Original KB Elevation (m) 780.50
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 4,000	Tubing Pressure (kPa) 2,200

Objective

Pull rods and tubing , set drillable bridge plug and bail cement

Operations Summary

Finish rigging out equipment on H - 03 , help snow cat on 2F - 73 Remove flowline from well head Build pad around well head for rig , move and spot rig and equipment on location Fire boil , start heating kill fluid in rig tank

Operations Next Report Period

Finish rigging up , pull rods and tubing

Road Condition Rough	Weather Snowing	Start Date 1/23/2010	End Date
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Daily Contacts

Title	Job Contact	Mobile
Wellsite Supervisor	Kim MacLeod	780 542 - 1897
Rig Manger	Dwayne Palmer	403 357 - 6841
Test Supervisor	Kevin Bartholow	403 994 - 0434
P Enginer	Dick Heenan	403 818 - 4408

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07 00	07 30	0.50	0.50	Held safety meeting with all personal on location
07 30	12 30	5.00	5.50	Start cleaning up 2F - 73 with snow cat , wait on water trucks
12 30	16 30	4.00	9.50	Move equipment from H - 03 , spot on 2F - 73
16 30	18 30	2.00	11.50	Spot vessel and flare stack , Rig up 60m3 and H2S scrubber Spot Acc shack , boiler and safety equipment Spot garbage bin and fuel skid
18 30	19 30	1.00	12.50	Rig up boiler , start heating up well head Un - load 25m3 KCL into rig tank , secure well and location
19 30	19 30		12.50	

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
<none>	0.00	0.00	0.00	0.00
Water			0.00	0.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
1/23/2010	Sulphur Point, Original Hole	1,525.50	1,531.00	
1/11/2008	Sulphur Point, Original Hole	1,525.50	1,531.00	
1/12/2008	Sulphur Point, Original Hole	1,525.50	1,531.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)



Daily Completion and Workover

PARA ET AL CAMERON 2F-73

Rig: Concord Well Service

Business Unit: NW ALBERTA COU

Report Date 1/24/2010

Report #. 20

Total AFE Amount:

AFE Number: Para

Daily Cost Total 27,686

Cum Cost to Date 108,768

API/UWI 302F736010117150	Surface Legal Location Para et al Cameron 2F - 73	Field Name Cameron Hills	License No 0002025
Well Configuration Type Vertical	Casing Flange Elevation (m) 780.50	Ground Elevation (m) 776.30	Original KB Elevation (m) 780.50
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 4,000	Tubing Pressure (kPa) 2,200

Objective

Pull rods and tubing , set drillable bridge plug and bail cement

Operations Summary

Stand service rig , rig in pump lines to well head , Rig up testers to casing Kill well , pull rods and tubing

Operators Next Report Period

Finish POOH tubing , set bridge plug bail cement

Road Condition Rough	Weather Snowing / Windy	Start Date 1/23/2010	End Date 1/26/2010
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Daily Contacts

	Title	Job Contact	Mobile
Wellsite Supervisor	Kim MacLeod	780 542 - 1897	
Rig Manager	Dwayne Palmer	403 357 - 6841	
Test Supervisor	Kevin Bartholow	403 994 - 0434	
P Engineer	Dick Heenan	403 818 - 4408	

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07 00	07 30	0.50	0.50	Held pre - job safety meeting with all personal on location , walk around equipment inspection
07 30	09 00	1.50	2.00	Finish rigging up Concord rig # 41 rig , pump , tank and vessel
09 00	11 00	2.00	4.00	Remove horse head from pump jack , pressure test tubing to 7,000 kPa Good test , try un - seating bottom hole pump No un - seating action
11 00	13 30	2.50	6.50	Reverse circulate well , pump total 17m3 KCL down casing returns to vessel Continue working rod string , try poor boy jarring on bottom hole pump Bottom hole pump broke free , try pumping down tubing Tubing pressured up to 7,000 kPa , pull and lay down polish rod Rig up rig floor and rod regan , function and test regan Good test Pulled and laid down 10 - sucker rods , pumped 1m3 down tubing
13 30	16 30	3.00	9.50	Pull out of hole sucker rods laying onto ground , rods pulling heavy in wax Swabbing fluid while pulling rods , laid out total 200 sucker rods 64 - 22mm , 96 - 19mm twister guided , 40 - 19mm ryton guided , Bottom hole pump # CEF - 8000 Bottom 40 - 19mm sucker rods worn
16 30	18 00	1.50	11.00	Remove rod regan , install safety valve Rig down sucker rod equipment and work floor , clean up around well head Pump 6m3 down tubing for well control
18 00	20 30	2.50	13.50	Remove sucker rod well head , pull tubing hanger Install pup joint below tubing hanger , re - land tubing hanger Stump test BOP stack , good test Install class III BOP stack , function and pressure test BOP stack Rig up work floor and tubing equipment
20 30	21 30	1.00	14.50	Release tubing anchor , pull and lay down tubing hanger Pull and lay down onto pipe racks 10 - joint's 73mm tubing
21 30	22 00	0.50	15.00	Install safety valve , close and lock pipe rams secure well and location

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
<none>			0.00	0.00
Water	25.00	2.00	2.00	0.00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
1/23/2010	Sulphur Point, Original Hole	1,525.50	1,531.00	
1/11/2008	Sulphur Point, Original Hole	1,525.50	1,531.00	
1/12/2008	Sulphur Point, Original Hole	1,525.50	1,531.00	
1/24/2010	Sulphur Point, Original Hole	1,525.50	1,531.00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Production	J-55	23.067	1,562.00



Daily Completion and Workover

PARA ET AL CAMERON 2F-73

Rig: Concord Well Service

Business Unit: NW ALBERTA COU

Report Date 1/25/2010

Report # 30

Total AFE Amount

AFE Number Para

Daily Cost Total. 37,765

Cum Cost to Date 146,533

API/UWI 302F736010117150	Surface Legal Location Para et al Cameron 2F - 73	Field Name Cameron Hills	License No 0002025
Well Configuration Type Vertical	Casing Flange Elevation (m) 780 50	Ground Elevation (m) 776 30	Original KB Elevation (m) 780 50
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Pull rods and tubing , set drillable bridge plug and bail cement

Operations Summary

Finish pulling out of hole tubing string , set bridge plug Pressure test , bail 30m cement

Operations Next Report Period

Rig down rig , move to F - 73

Road Condition Rough	Weather Windy	Start Date 1/23/2010	End Date 1/26/2010
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Daily Contacts

Title	Job Contact	Mobile
Wellsite Supervisor	Kim MacLeod	780 542 - 1897
Rig Manger	Dwayne Palmer	403 357 - 6841
Test Supervisor	Kevin Bartholow	403 994 - 0434
P Enginer	Dick Heenan	403 818 - 4408

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07 00	07 30	0 50	0 50	Held pre - job safety meeting with all personal on location on working in cold weather and working with steam lines Inform plant (Stan) of ongoing job on 2F - 73
07 30	08 00	0 50	1 00	Check pressures on well , SITP @ 0 kPa , SICP @ 0 kPa Un - lock pipe rams Pump 1m3 down cassing for well control Remove safety valve
08 00	11 00	3 00	4 00	Continue pulling out of hole 73mm tubing laying onto pipe racks Pump metal displacement every 40 - joint's 73mm tubing , rotate tubing anchor on way out of hole Laid down 156 - joints 73mm tubing , tubing anchor 139 7mm , 2 - joint's tubing , pump seating nipple , pup joint
11 00	13 00	2 00	6 00	Rig up weatfedor E - line truck , held safety meeting Ensure all phones tuned off , run into hole with weatherford bridge plug Log into place bndge plug to 1516mKB , set bndge plug Pull out of hole , start making up cement bailer
13 00	14 00	1 00	7 00	Fill casing with BJ packer inhibitor , pressure test casing to 17,000 kPa Monitor for 15 minutes , good test
14 00	18 30	4 50	11 50	Make up cement bailer on cat walk , make 2 - runs with cement bail Third run miss run , empty bailer @ surface Make up new cement bailer electric charge on glass
18 30	20 30	2 00	13 50	Run into hole 2 - runs with electrical charge on glas Finish bailing 30m cement on top of bndge plug Rig down and release weatherford e - line truck
20 30	21 00	0 50	14 00	Drain pump lines and ng pump , close and lock blind rams Secure well and location

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
<none>			0 00	0 00
Water	7 00	0 00	2 00	0 00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
1/23/2010	Sulphur Point, Original Hole	1,525 50	1,531 00	
1/11/2008	Sulphur Point, Original Hole	1,525 50	1,531 00	
1/12/2008	Sulphur Point, Original Hole	1,525 50	1,531 00	
1/24/2010	Sulphur Point, Original Hole	1,525 50	1,531 00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Production	J-55	23 067	1,562 00



Daily Completion and Workover

PARA ET AL CAMERON 2F-73

Rig: Concord Well Service

Business Unit: NW ALBERTA COU

Report Date: 1/26/2010

Report # 40

Total AFE Amount:

AFE Number: Para

Daily Cost Total: 5,537

Cum Cost to Date 152,070

API/UWI 302F736010117150	Surface Legal Location Para et al Cameron 2F - 73	Field Name Cameron Hills	License No 0002025
Well Configuration Type Vertical	Casing Flange Elevation (m) 780 50	Ground Elevation (m) 776 30	Original KB Elevation (m) 780 50
Last Casing String	PBTD (All) (mKB)	Casing Pressure (kPa) 0	Tubing Pressure (kPa) 0

Objective

Pull rods and tubing , set drillable bridge plug and bail cement

Operations Summary

Finish rigging down rig , move BOP stack with picker truck Clean up around well head

Operations Next Report Period

Hand - over to production

Road Condition Rough	Weather Cloudy	Start Date 1/23/2010	End Date 1/26/2010
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Daily Contacts

Title	Job Contact	Mobile
Wellsite Supervisor	Kim MacLeod	780 542 - 1897
Rig Manager	Dwayne Palmer	403 357 - 6841
Test Supervisor	Kevin Bartholow	403 994 - 0434
P Engineer	Dick Heenan	403 818 - 4408

Time Log

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Comment
07 00	07 30	0 50	0 50	Held pre - job safety meeting on rigging down boiler lines , inform all personal of blowing down boiler procedures before blowing down
07 30	09 00	1 50	2 00	Rig down rig , pump , tank , and boiler lines Move testers lines away from well head
09 00	10 30	1 50	3 50	Tight location , no room between well heads for equipment Used picker truck to remove class III BOP stack Set class III BOP stack beside F - 73 well head Install pumping style well head with valve on top , secure well and location Clean up around well head

Report Fluids Summary

Fluid	To well (m³)	From well (m³)	Cum from Well (m³)	Left to recover (m³)
<none>			0 00	0 00
Water			2 00	0 00

Perforations

Date	Zone	Top (mKB)	Btm (mKB)	Current Status
1/23/2010	Sulphur Point, Original Hole	1,525 50	1,531 00	
1/11/2008	Sulphur Point, Original Hole	1,525 50	1,531 00	
1/12/2008	Sulphur Point, Original Hole	1,525 50	1,531 00	
1/24/2010	Sulphur Point, Original Hole	1,525 50	1,531 00	

Tubing Components

Item Description	Top (mKB)

Casing Strings

Casing Description	Grade	Wt (kg/m)	Set Depth (mKB)
Production	J-55	23 067	1,562 00