

Final Operational/Workover Report

Completion

Para et al Cameron L-73

Well ID # 2033

UWI: 300L736010117151

ISPG/IGSP

On March 13, 2007 Paramount Resources Ltd. moved Precision Well Servicing rig # 34 onto Para et al Cameron L-73 to perform a completion operation to evaluate the Sulphur Point formation for oil potential. Service rig operations were completed on March 22, 2007. A chronological summary of the operations follows.

13/3/2007: Moved service rig and ancillary equipment onto the location.

14/3/2007: Rigged up service rig. Installed BOP's. Ran in hole with bit and scraper to PBTD. Circulated wellbore clean with 3% KCl water. Pulled out of hole and recovered the bit and scraper.

15/3/2007: Rigged n electric wireline unit. Ran cement bond log from PBTD at 1432 mKB to 1200 mKB. Ran in and perforated from 1416 – 1420 and 1422 – 1426 mKB. No pressure response after perforating. Ran in the hole with selective acidizing tools on the tubing string.

16/3/2007: Performed selective acid squeeze on all perforations using 15% HCl acid at 1 m³ of acid per meter of perforations. Pulled 10 swabs. Recovered 14 m³ while swabbing. Final oil cut approximately 20%.

17/3/2007: Pulled 16 swabs. Recovered 23.7 m³ of fluid. Final oil cut 100%. Ran in with swab number 17 and swabbing assembly got stuck at approximately 1389 meters. Flowed well to test unit overnight.

18/3/2007: Pulled twice on sand line and swab assembly came free. Pulled swab assembly almost to surface and sand line parted. Killed well and pulled tubing to sand line. Tied on to sand line and pulled swab assembly to surface. Finished out of the hole with the tubing. Re-ran the tubing with a PSN and anchor on bottom. Set the anchor with the tubing bottom at 1428 mKB.

19/3/2007: Landed the tubing in the tubing hanger. Removed the BOP's and installed the wellhead. Pulled 21 swabs. Recovered a total of 9.04 m³ of oil and 18.21 m³ water.

20/3/2007: Rigged in slickline unit and ran a static gradient. Pulled nine swabs. Well flowing between swabs. Recovered a total of 11.79 m³ of oil and 4.31 m³ of water.

21/3/2007: Pulled 15 swabs. Well flowing between swabs. Recovered 18.28 m³ oil with no water.

22/3/2007: Bled well off to test unit. Pumped 6 m³ down tubing to kill the well. Ran in the hole with a bottom hole pump and rod string. Landed pump in the PSN. Installed the pumping wellhead. Rigged out the service rig and ancillary equipment.

ACID TREATMENT REPORT

Owner Address	PARAMOUNT RESOURCES LIMITED					Service Order Number: Well Name And Number: UWI: Job Type: Rig: Formation Treated: Well Type:	S273398 PARA SL CAMERON L-73 300/L-60-1038-11729/0 SELECTIVE ACID SQUEEZE PD 34 SULPHUR POINT New	Date: Job Status:	16-Mar-2007		
City Province Program No.:	#4700, 888 - 3rd Street S.W. CALGARY AB P216852-1										
Tubing	O.D. 73.00	WT. 9.67	Depth 1428.00	Vol. 4.30	MPa 7.00	Treating Materials 0.5 M3 Nowferr 5000 15% Acid blend	Treating Materials 1 M3 Nowferr 5000 15% Acid	Treating Materials 8 M3 Nowferr 5000 15% Acid			
Casing	139.70	20.83	1450.00			6 L Nowferr 1W Iron Control	6 L Nowferr 1W Iron Control	96 L Nowferr 1W Iron Control			
Open Hole						0.375 KG Nowferr 14P Iron Control	0.375 KG Nowferr 14P Iron Control	6 KG Nowferr 14P Iron Control			
Total				4.30		0.05 L FP-12L Foam Preventer	0.05 L FP-12L Foam Preventer	0.8 L FP-12L Foam Preventer			
Packer	m	PBTG	m			11.5 L AH-1 Non-Emulsifier/Anti-Si	11.5 L AH-1 Non-Emulsifier/Anti-Si	184 L AH-1 Non-Emulsifier/Anti-Si			
Perforations	From (m)	To (m)		TYPE		1.5 L AI-275 Corrosion Inhibitor /	1.5 L AI-275 Corrosion Inhibitor /	24 L AI-275 Corrosion Inhibitor /			
Interval	1416.0	1420.0		Perforations		0.5 L P-1500 Scale inhibitor	0.5 L P-1500 Scale inhibitor	8 L P-1500 Scale inhibitor			
	1422.0	1426.0		Perforations		0.5 L AS-352 Non-emulsifier & Anti-Si	0.5 L AS-352 Non-emulsifier & Anti-Si	8 L AS-352 Non-emulsifier & Anti-Si			
						0.5 L Nowferr 15 Dispersant/Water	0.5 L Nowferr 15 Dispersant/Water	8 L Nowferr 15 Dispersant/Water			
Bottom Hole Temperature:	47	°C									
Ambient Temperature:	-15	°C									
BJ Service Representative	KARKABE, TAO					Customer Representative	Roger Obrigewicch				
Time	Press. (MPa)		Volume (m³)			Rate (m³/min)	Ratio CO2/N2 (scm)	Arrived on Location Left Location	16-Mar-2007	07:30	Hours
	Casing	Tubing	Out Of Tanks	Stage	In Form				16-Mar-2007	16:00	Hours
11:00								Prejob meeting			
11:20	1.0	3.0	0.40	0.40		0.07		BREAK CIRCULATION			
11:26								SHUT DOWN			
11:31		19.0						PRESSURE TEST SURFACE IRON			
11:36	1.0	2.6	0.90	0.50		0.25		Start pump, acid			
11:38	1.1	2.6	4.70	3.80		0.30		DISPLACE KCL WATER			
11:48								STOP PUMP			
11:48								RESET MANIFOLD			
11:49	2.4	1.0	9.50	4.80		0.10		Backwash			
12:40								STOP PUMP			
12:42								RESET MANIFOLD			
12:54	0.2	0.4	9.70	0.20		0.15		START PUMP KCL WATER			
12:56		19.0						PRESSURE TEST SURFACE IRON			
12:59	1.0	3.5	14.00	4.30		0.50		START PUMP ACID			
13:18	0.1	0.9	14.25	0.25	0.25	0.05		WASH #1			
13:20								STOP PUMP			
13:20	3.0	5.0	15.43	1.18	1.18	0.15		START SQUEEZE			
13:22								STOP PUMP			
13:25	2.0	5.0	16.61	1.18	1.18	0.20		START SQUEEZE			
13:50								STOP PUMP			
14:16	3.0	6.5	17.79	1.18	1.18	0.75		START SQUEEZE			
14:18								STOP PUMP			
14:22	3.0	6.5	18.97	1.18	1.18	0.80		START SQUEEZE			
14:24								STOP PUMP			
14:30								PULL UP ONE JOINT BREAK OFF			
14:40	0.5	1.1	20.27	1.30		0.50		START PUMP WATER			
14:45								STOP PUMP			
14:48	1.0	6.0	24.27	4.00		0.50		START PUMP ACID			
14:56	1.5	3.4	24.57	0.30		0.20		DISPLACE KCL WATER			
15:01	0.8	6.8	25.57	1.00	1.00	0.50		START SQUEEZE			
15:03								STOP PUMP			
15:04	3.0	6.8	26.57	1.00	1.00	0.50		START SQUEEZE			
15:07								STOP PUMP			
15:09	3.3	6.0	27.57	1.00	1.00	0.50		START SQUEEZE			
15:10								STOP PUMP			
15:11	3.3	6.8	28.57	1.00	1.00	0.50		START SQUEEZE			
15:16								STOP PUMP			
								Rig out BJ Services			



BJ Services JobMaster Program Version 3.10
Job Number: S273398
Customer: PARAMOUNT
Well Name: 60-10-N-117-15-W

