

**Final Operational Report
Well Re-Completion
Para et al Cameron A-05
Well ID #: 376
UWI: 300A056010117304**

N E B COPY

On February 18, 2007 Paramount Resources Ltd. moved Concord Well Servicing rig # 19 onto Para et al Cameron A-05 to perform a workover operation to re-complete the well as a Keg River gas well. Service rig operations were completed on February 22, 2007. A chronological summary of the re-completion operations follows.

- 18/2/2007:** Moved on and rigged up service rig. Attempted to pull bumper spring without success.
- 19/2/2007:** Killed well with KCl water. Removed the wellhead and installed the BOP's. Pulled production tubing from the well, recovering the bumper spring assembly. Ran bit and scraper to PBTD at 1515 mKB.
- 20/2/2007:** Pulled tubing from the well, recovering the bit and scraper. Rigged in an electric wireline unit. Ran cement bond log. Ran in the hole with a tubing conveyed perforating assembly below a retrievable packer. Logged the guns into place. Set the packer and landed the tubing in the tubing hanger.
- 21/2/2007:** Removed the BOP's and installed the wellhead. Dropped bar to fire perforating guns. Monitored build up. Tubing pressure built to 569 kPa. Rigged in acid pumper. Squeezed 2.0 m³ 15% HCl acid into the formation at a final squeeze pressure of 2000 kPa. Released tubing conveyed guns and let them drop to bottom. Pulled two swabs and the well started to flow. Shut well in overnight. Rigged down service rig.
- 22/2/2007:** Tubing pressure built to 300 kPa overnight, casing pressure still zero. Finished rigging out service rig and moved off of location. Rigged on slickline unit and set pressure recorders at 1478 mKB.
- 28/2/2007:** Rigged in slickline unit and pulled the recorders, running reverse gradient on the way out of the hole.

ACID TREATMENT REPORT

Owner PARAMOUNT RESOURCES LIMITED				Service Order Number: S274571				Date: 21-Feb-2007				
Address #4700, 888 - 3rd Street S.W. CALGARY AB P215997-1				Well Name And Number: Paramount Cameron Hills A-05				Job Status: 60° 10' 117° 30'				
City Province Program No.:				Job Type: ACID SQUEEZE Rig: concord 19 Formation Treated: KEG RIVER Well Type: New				Reservoir Fluid: Gas				
Tubing		O.D.	WT.	Depth	Vol.	MPa	Treating Materials		Treating Materials		Treating Materials	
Casing		60.30	6.99	1478.00			2 M3 Nowferr 10000 15% Acid bla					
Open Hole		139.70	20.83	1500.00			2 KG Nowferr 14P Iron Control					
Total							0.2 L FP-12L Foam Preventer					
Packer:		1471	m	PBTD:	m		48 L Nowferr 1W Iron Control					
Perforations		From (m)	To (m)	TYPE			2 L Nowferr 15 Dispersant/Water					
Interval		1481.0	1484.4	Perforations			20 L AH-1 Non-Fmstuffer/Anti-Sh					
							2 L AS-352 Non-emulsifier & Ant					
							2 L P-1500 Scale Inhibitor					
							8 L Al-275 Corrosion Inhibitor / I-					
Bottom Hole Temperature:			°C									
Ambient Temperature:			°C									
BJ Service Representative PIGEON, EDDIE						Customer Representative Kim Macleod						
Time	Press. (MPa)		Volume (m³)		In Form	Rate (m³/min)	Ratio CO2/N2 (scm)	Arrived on Location	21-Feb-2007	10:00	Hours	
	Casing	Tubing	Out Of Tanks	Stage				Left Location	21-Feb-2007	14:00	Hours	
11:36		1.5		0.20		0.10		FILL LINES W/KCL H2O				
11:41		14.0						PT SURFACE LINES				
11:43		0.6	2.20	2.00		0.10		PUMP ACID				
11:49		0.6	3.00	0.80		0.10		DISPLACE W/KCL H2O				
11:51		2.0	3.20	0.20		0.10		SQUEEZE W/KCL H2O				
11:53		5.0						STOP/SOAK				
12:02		1.9	3.25	0.05	0.05	0.03		SQUEEZE(BUMPING FROM 4 TO 5MPA)				
12:07		5.0	3.31	0.06	0.11	0.03		SQUEEZE(BUMPING FROM 4.5-5.5MPA)				
12:12		5.5	3.38	0.07	0.18	0.03		SQUEEZE(BUMPING FROM 5-6.5MPA)				
12:28		6.5	3.65	0.27	0.45	0.03		SQUEEZE(BUMPING FROM 6-7MPA)				
12:45		7.0	3.90	0.25	0.70	0.03		SQUEEZE(BUMPING FROM 6.5-7MPA)	Was 7-8MPA but			
13:22		7.0	4.10	0.20	0.90	0.03		SQUEEZE(BUMPING FROM 6-7MPA)	customer didn't want			
13:30		7.0	5.20	1.10	2.00	0.11		STARTED FEEDING	it on report.			
13:46		0.5						STOP/CLOSE IN				
14:00			5.70	0.50		0.25		PUMP SODA ASH PILL TO TESTERS				
14:02								STOP				



BJ Services JobMaster Program Version 3.10
Job Number: S2 71
Customer: Paramount Resources
Well Name:

