

**Final Operational/Workover Report**  
**Well Re-Completion**  
**Para et al South East Fort Liard N-01**  
**Well ID #: 1902**  
**UWI: 300N016010123153**

On January 23, 2007 Paramount Resources Ltd. moved Precision Well Servicing rig # 668 onto Para et al South East Fort Liard N-01 to perform a workover operation to re-complete the well as a Mattson gas well. Service rig operations were completed on February 5, 2007 and the final wireline work was completed on February 6, 2007. A chronological summary of the operations follows.

**23/1/2007:** Moved on and rigged up service rig.

**24/1/2007:** Bled off wellhead pressure. Pumped 10 m<sup>3</sup> of 3% KCl water down annulus and 3 m<sup>3</sup> of 3% KCl water down tubing. Tubing and annulus both on vacuum. Removed the wellhead and installed and tested the BOP's. Attempted to unset packer to service rig pull limit without success.

**25/1/2007:** Rigged in Weatherford jack unit. Pulled to 55,000 daN to shear release packer. Pulled and laid down 130 joints of 89 mm production tubing.

**26/1/2007:** Pumped 30 m<sup>3</sup> of 3% KCl water down casing to kill well. Lower zone taking fluid. Continued to trickle 2 m<sup>3</sup>/hour to keep well on vacuum. Pulled remaining 89 mm production tubing and recovered down to on-off connector overshot. Rigged in an electric wireline unit and ran in with 159 mm gauge ring to 1571 mKB. Ran and set a retrievable bridge plug at 1560 mKB. Dump bailed 3 linear meters of 30/50 sand onto the bridge plug.

**27/1/2007:** Ran in the hole with a tubing conveyed perforating assembly below a retrievable packer on 60 mm production tubing. Logged the guns into place and set the packer. Pressure tested the packer and casing to 14 MPa for 15 minutes.

**28/1/2007:** Dropped the bar to fire the perforating guns. Tubing pressure built to 171 kPa in 30 minutes and to 689 kPa in one hour. Opened well to test vessel. Bled to TSTM in three minutes. Rigged in swab equipment and pulled 19 swabs. Recovered a total 10.49 m<sup>3</sup> of 100% water.

**29/1/2007:** Pulled 32 swabs. Recovered a total 12.54 m<sup>3</sup> of 100% water.

**30/1/2007:** Pulled 29 swabs. Recovered a total 11.34 m<sup>3</sup> of 100% water. Small amounts of gas seen with each swab.

**31/1/2007:** Pulled 32 swabs. Recovered a total  $12.28 \text{ m}^3$  of 100% water. Small amounts of gas seen with each swab.

**1/2/2007:** Pulled 27 swabs. Recovered a total  $11.83 \text{ m}^3$  of 100% water. Small amounts of gas seen with each swab.

**2/2/2007:** Pulled 30 swabs. Recovered a total  $12.61 \text{ m}^3$  of 100% water. Small amounts of gas seen with each swab.

**3/2/2007:** Pulled 32 swabs. Recovered a total  $11.55 \text{ m}^3$  of 100% water. Small amounts of gas seen with each swab.

**4/2/2007:** Pulled 31 swabs. Recovered a total  $12.45 \text{ m}^3$  of 100% water. Small amounts of gas seen with each swab.

**5/2/2007:** Pulled 2 swabs. Recovered a total  $1.61 \text{ m}^3$  of 100% water. Rigged out service rig and all equipment.

**6/2/2007:** Rigged in slickline unit. Ran and set an 'RZG' in 'R' nipple at 1445 mKB. Ran and set an 'FSG' plug in the on-off connector 'F' profile at 1435 mKB. Performed negative pressure test on plugs. Moved all equipment off of the location.



**Paramount**  
resources ltd.

4700 Bankers Hall West, 888 3rd Street SW Calgary, Alberta, Canada T2P 5C5 [www.paramountres.com](http://www.paramountres.com)

tel 403 290 3600 fax 403 262 7994

August 31, 2009

**National Energy Board**  
5<sup>th</sup> Floor, 444 – 7 Avenue SW  
Calgary, Alberta  
T2P 0X8

**Attention: Mr. Bharat Dixit, Chief Conservation Officer**

Dear Sir,

**Re: Request for Outstanding Reports for Paramount Wells**

In response to your Request for Outstanding Reports for Paramount Wells to myself on March 9, 2009 and to Lloyd Doyle on June 9, 2009 Paramount offers the following. Please find enclosed the requested information for the remainder of the wells that were requested. Final Operational Reports are included for Cameron A-05, Bovie C-76A, Liard M-25, Fort Liard O-35 (two separate reports), Southeast Fort Liard N-01, Bovie F-66, Cameron C-74, Cameron H-03 (two separate reports), Cameron K-74, Liard 2M-25, Cameron 2F-73, Cameron L-73, Cameron J-04 (two separate reports), Cameron L-29, Cameron E-07, Cameron L-40, Cameron A-03, and Cameron E-72.

Should you require additional information on this application, please contact Dave Block at 206-3834 or fax 266-6032.

Yours truly,

Dave Block, P. Eng.  
Engineering Consultant

2009 AUG 31 P 2:10  
SALLE DE COURRIER  
NÉB/ONE