

1841

Box KK

**Paramount et al Fort Liard
300F36601012353
Fantasque Formation**

**Wireline
Static Gradient Test
January 07, 2005**

Upsco*

GENERAL INFORMATION

Client Information:

Company: Paramount Resources Ltd.

Contact: Dick Heenan

Phone: Fax: e-mail: dick.heenan@paramountres.com

Site Information:

Contact: Al Ironside

Phone: 403-861-3845 Fax: e-mail:

Well Information:

Name: Paramount et al Fort Liard

Operator: Paramount Resources Ltd.

Location-Downhole: 300F36601012353

Location-Surface: F-36(NWT)

Test Information:

Company: OPSCO Energy Industries Ltd.

Representative: Lawrence Bews

Supervisor: COLIN MCGHGHY

Test Type: Static Gradient Test Job Number:

Test Unit:

Start Date: 2005/01/07 Start Time: 09:38:00

End Date: 2005/01/07 End Time: 13:35:00

Report Date: 2005/01/18 Prepared By: Daniel Chen

Qualified By: Daniel Chen

Remarks:

---- Fantasque zone perforated interval @ 1344.0-1347.0 mKB.

---- KB-CF= 5.5 m

Static Gradient 1

Paramount Resources Ltd.
300F36601012353
Start Test Date: 2005/01/07
Final Test Date: 2005/01/07

Paramount et al Fort Liard
Formation: Fantasque

Gauge 1

Gauge Serial Number	9873R	Gauge Type	Electronic
Gauge Manufacturer	Panther/Strain	Maximum Recorder Range	20685.00 kPa
Run Depth	1381.50 m	Date of Last Calibration	2003/12/05
Gauge Start Date	2005/01/07 09:13:00	Gauge Stop Date	2005/01/07 13:56:10
Date Gauge On Bottom	2005/01/07 11:33:00	Date Gauge Off Bottom	2005/01/07 13:36:00

Test Data

Test/Prod Interval Top KB (TVD)	1344.00 m	Base KB (TVD)	1347.00 m
Pool Datum Depth (SS)	m	Well Datum Depth	m
Tubing Pressure Initial	kPa(a) Final		kPa(a)
Casing Pressure Initial	9988.00 kPa(a) Final		9988.00 kPa(a)
Start Test Date	2005/01/07 09:33:00	Date Well Shut-In	

Results

Liquid Interface 1	1196.77 m	11171.66 kPa(a)
MPP	1345.50 m	12603.78 kPa(a)

Remarks

--- Extrapolated pressure @ MPP (1345.50 mKB) = 12603.78 kPa
--- Estimated water level @ 1196.77 mKB.

Static Gradient 1

Paramount Resources Ltd.
300F36601012353
Start Test Date: 2005/01/07
Final Test Date: 2005/01/07

Paramount et al Fort Liard
Formation: Fantasque

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
5.50	09:42:20		9744.92		-5.29	
105.50	09:49:50	7.50	9890.63	1.457	0.91	0.062
205.50	09:56:30	6.67	10025.28	1.347	7.00	0.061
305.50	10:04:00	7.50	10164.77	1.395	12.13	0.051
405.50	10:10:30	6.50	10300.22	1.355	16.40	0.043
505.50	10:17:20	6.83	10436.18	1.360	20.25	0.038
605.50	10:24:10	6.83	10560.08	1.239	24.04	0.038
705.50	10:31:10	7.00	10668.52	1.084	27.96	0.039
805.50	10:38:10	7.00	10775.00	1.065	31.63	0.037
905.50	10:44:20	6.17	10877.60	1.026	34.34	0.027
1005.50	10:52:30	8.17	10982.04	1.044	38.42	0.041
1105.50	10:59:10	6.67	11079.90	0.979	42.62	0.042
1155.50	11:05:00	5.84	11130.18	1.006	45.50	0.058
1205.50	11:11:30	6.50	11253.53	2.467	48.56	0.061
1255.50	11:17:40	6.17	11722.44	9.378	50.87	0.046
1305.50	11:24:30	6.83	12198.86	9.528	52.56	0.034
1355.50	11:31:50	7.33	12680.32	9.629	53.77	0.024
1381.50	12:03:30	31.67	12935.53	9.816	54.74	0.037
1381.50	12:33:30	30.00	12944.29		54.75	
1381.50	13:36:10	62.66	12950.34		54.75	

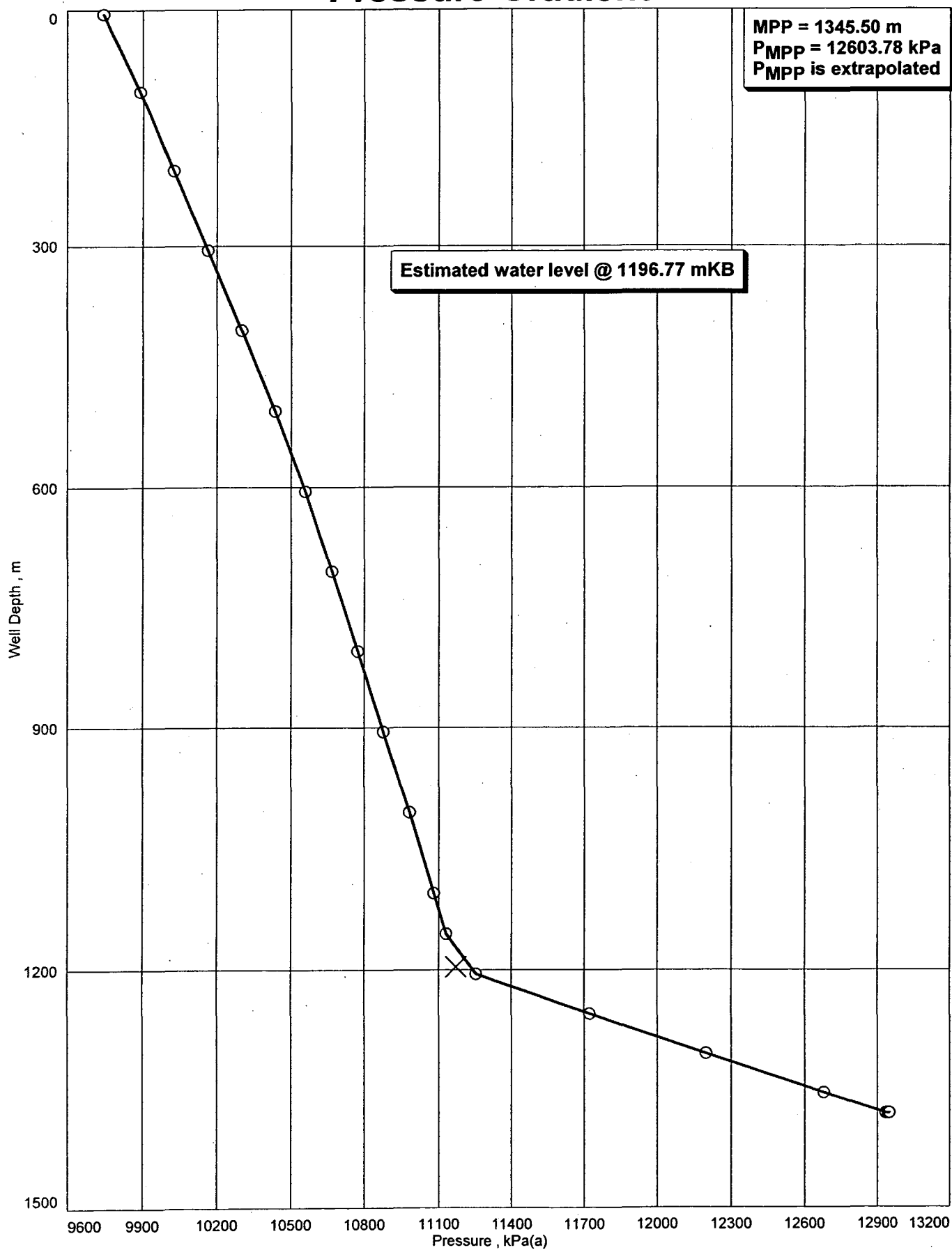
Results

Liquid Interface 1	1196.77 m	11171.66 kPa(a)
MPP	1345.50 m	12603.78 kPa(a)

Remarks

---- Extrapolated pressure @ MPP (1345.50 mKB) = 12603.78 kPa
---- Estimated water level @ 1196.77 mKB.

Pressure Gradient



Paramount Resources Ltd.
300F36601012353
Start Test Date: 2005/01/07
Final Test Date: 2005/01/07

Recorder

Paramount et al Fort Liard
Formation: Fantasque

Gauge 1

Gauge Serial Number	9873R	Gauge Type	Electronic
Gauge Manufacturer	Panther/Strain	Maximum Recorder Range	20685.00 kPa
Run Depth	1381.50 m	Date of Last Calibration	2003/12/05
Gauge Start Date	2005/01/07 09:13:00	Gauge Stop Date	2005/01/07 13:56:10
Date Gauge On Bottom	2005/01/07 11:33:00	Date Gauge Off Bottom	2005/01/07 13:36:00

Gauge 2

Gauge Serial Number	1046	Gauge Type	Electronic
Gauge Manufacturer	Panther/Strain	Maximum Recorder Range	20685.00 kPa
Run Depth	1380.50 m	Date of Last Calibration	2004/08/24
Gauge Start Date	2005/01/07 09:13:00	Gauge Stop Date	2005/01/07 13:56:10
Date Gauge On Bottom	2005/01/07 11:33:00	Date Gauge Off Bottom	2005/01/07 13:36:00

Paramount et al Fort Liard

