

INTEGRATED PRODUCTION SERVICES



Project Management & Engineering

STATIC GRADIENT

PARAMOUNT RESOURCES LTD

PARAMOUNT et al CAMERON

M-73 60.10-117.15/00

FIELD: CAMERON HILLS

FORMATION: SULPHUR POINT

FEBRUARY 5, 2006

(Data Supplied By: IPS Slickline Services)

DISTRIBUTION: DAVID DUNCAN

PREPARED BY: DARREN KIELLY, C.E.T.

DATE: March 4, 2006

Project Management & Engineering, A Division of Integrated Production Services

Property Management Production Optimization Exploitation / Engineering Services Pressure Transient Analysis
1100, 840 – 7th Avenue S. W. Calgary, Alberta T2P 3G2 Tel: (403) 266-0909 Fax: (403) 269-4136

Website: www.ipsl.ca

STATIC GRADIENT - February 5, 2006

PARAMOUNT RESOURCES LTD

Well Name:	PARAMOUNT ET AL CAMERON	KB Elevation:	775.15 m
UWI:	M-73 60.10-117.15/00	GL Elevation:	771.45 m
Field:	CAMERON HILLS	Top of Production Interval:	1415.50 mKB
Formation:	SULPHUR POINT	Btm of Production Interval:	1420.50 mKB
Status:	Gas	Mid Point of Prod. Interval:	1418.00 mKB

Start of Test:	2006-02-05 14:01	Initial Tubing Pressure:	7083 kPa(a)
Final Test Date and Time:	2006-02-05 16:45	Initial Casing Pressure:	2782 kPa(a)

	TOP GAUGE	BOTTOM GAUGE
Gauge Type:	Strain	Strain
Manufacturer:	Cal Scan/Badger	Cal Scan/Badger
Serial Number:	90012	90013
Pressure Range:	0-24132 kPa	0-24132 kPa
Resolution:	0.0003% FS	0.0003% FS
Accuracy:	0.0240% FS	0.0240% FS
Calibration Date:	February 25, 2005	February 25, 2005
Battery On Time:	February 5, 2006 14:01	February 5, 2006 14:01
Battery Off Time:	February 5, 2006 16:45	February 5, 2006 16:45
On Bottom Time:	February 5, 2006 15:49	February 5, 2006 15:49
Off Bottom Time:	February 5, 2006 16:14	February 5, 2006 16:14
Run Depth:	1417.60 mKB	1418.10 mKB
Pressure at Run Depth:	8075.55 kPa(a)	8081.08 kPa(a)
Pressure at MPP:	8081.08 kPa(a)	8081.08 kPa(a)
Representative Gradient:	6.468 kPa/m	6.636 kPa/m
Temperature at Run Depth:	56.25 °C	56.25 °C
Liquid Level:	1398.21 m KB	1398.15 m KB

Top Gauge				
Depth mKB	Temp. °C	Pressure kPa(a)	Calc. Grad kPa/m	Spec. Grad kPa/m
3.20	-0.37	6993.87		
153.20	2.53	7093.46	0.664	
303.20	7.42	7196.14	0.685	
453.20	14.74	7294.21	0.654	
603.20	21.55	7389.33	0.634	
753.20	25.55	7485.00	0.638	
903.20	31.09	7579.27	0.628	
1053.20	36.87	7672.99	0.625	
1203.20	44.26	7765.51	0.617	
1297.20	50.04	7823.05	0.612	
1327.20	52.27	7842.08	0.634	
1357.20	53.83	7860.71	0.621	
1387.20	54.87	7878.92	0.607	0.607
1417.60	56.25	8075.55	6.468	9.795

Bottom Gauge				
Depth mKB	Temp. °C	Pressure kPa(a)	Calc. Grad kPa/m	Spec. Grad kPa/m
3.70	-3.32	6992.05		
153.70	2.63	7094.42	0.682	
303.70	7.62	7196.82	0.683	
453.70	15.03	7295.36	0.657	
603.70	21.77	7391.35	0.640	
753.70	25.73	7487.12	0.639	
903.70	31.26	7581.98	0.632	
1053.70	37.24	7675.62	0.624	
1203.70	44.51	7767.48	0.612	
1297.70	50.38	7824.23	0.604	
1327.70	52.54	7842.83	0.620	
1357.70	54.10	7861.26	0.614	
1387.70	55.07	7879.33	0.602	0.602
1418.10	56.25	8081.08	6.636	9.795

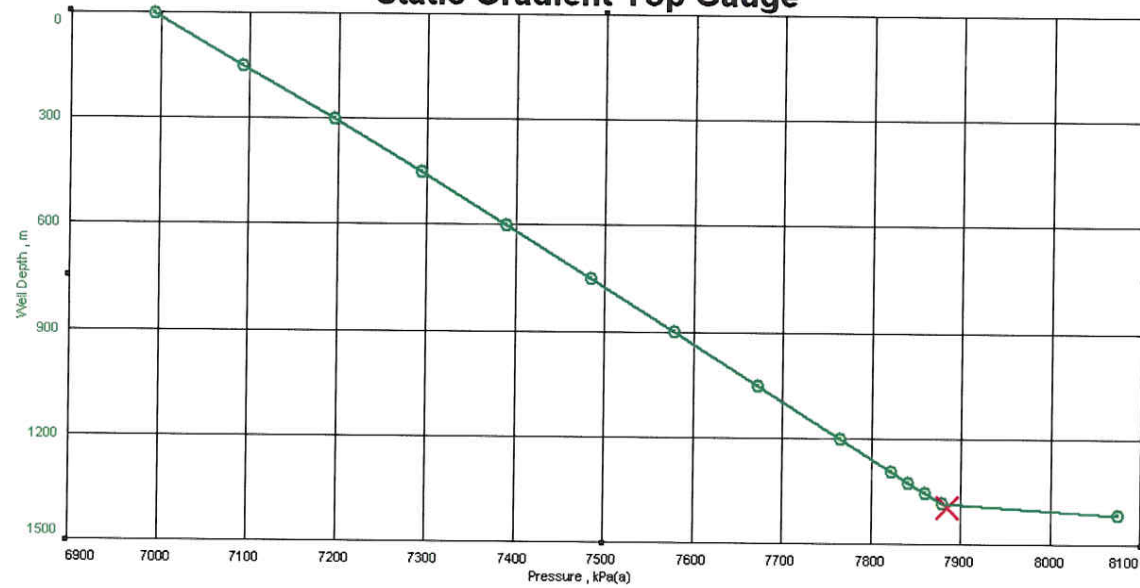
REMARKS:

- The gradient run consisted of 5 minute stops with a 25 minute stop at run depth.
- The bottom gauge is the source gauge in the pas file.
- The run depths in the PAS file are reported in m CF as per EUB requirements.
- kPa gauge was converted to kPa absolute using an atmospheric pressure of 93.0 kPa.
- The gas – liquid interface occurred at 1398.15 m KB.

PARAMOUNT RESOURCES LTD
M-73 60.10-117.15/00
Start Test Date: 2006/02/05
Final Test Date: 2006/02/05

PARAMOUNT RESOURCES LTD
Formation: SULPHUR POINT
Pool: UNDEFINED

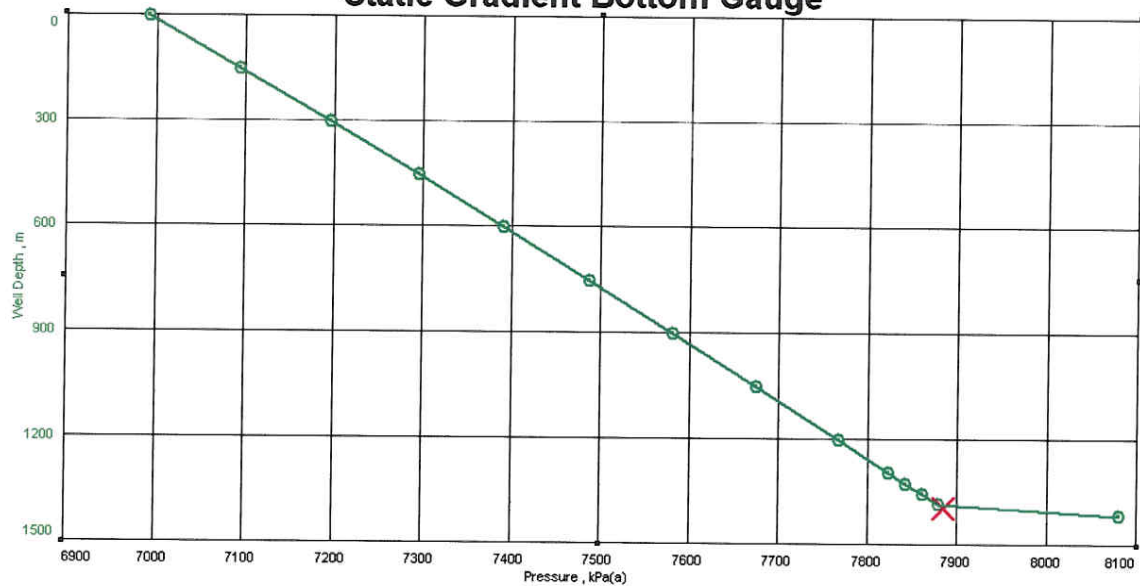
Static Gradient Top Gauge



PARAMOUNT RESOURCES LTD
M-73 60.10-117.15/00
Start Test Date: 2006/02/05
Final Test Date: 2006/02/05

PARAMOUNT RESOURCES LTD
Formation: SULPHUR POINT
Pool: UNDEFINED

Static Gradient Bottom Gauge



PARAMOUNT RESOURCES LTD
M-73 60.10-117.15/00
Start Test Date: 2006/02/05
Final Test Date: 2006/02/05

PARAMOUNT RESOURCES LTD
Formation: SULPHUR POINT
Pool: UNDEFINED

Gradient Run

