

Devon Canada Corporation

Devon et al Kotaneelee L-38

300/L-38-6010-12400/2

Formation: Nahanni

Perfs: 3672.55 - 3755.57 mTVD

Static Gradient

2005-03-30 To 2005-03-31



Results To: Doug Carter

Company: Devon Canada Corporation
Address: 2000, 400-3rd Avenue SW, Calgary, AB T2P 4H2
Well Name: Devon et al Kotaneelee L-38
Well Location: 300/L-38-6010-12400/2
Well License: 1117
Field: Kotaneelee
Fluid Status: Gas
Orientation: Deviated **Drilling leg:** 03

Test Information

Test Type: Static Gradient
Test Purpose: Initial
Date of Test: 2005-03-30 To 2005-03-31
Shut In Date: N/A
On Bottom: 2005-03-31 03:20:00
Off Bottom: 2005-03-31 03:37:00
Elevation: **KB:** 810.40 m **CF:** 803.50 m **KB-CF:** 6.90 m
Flow Path: Tubing **H2S:** Yes **Packer:** Yes **Tubing:** Yes
Tubing ID: N/A **Tubing OD:** N/A **Casing ID:** N/A
Tubing Pressure: **Before:** 12700.00 kPaA **After:** 12341.00 kPaA
Casing Pressure: **Before:** N/A **After:** N/A

Perforations

Perf Zone	Top Depth	Base Depth	
Nahanni	3672.55	3755.57	mTVD
Nahanni	3959.20	4065.30	mKB

Gauge Data

Bottom

Gauge Type: Pressure Pilot
Serial Number: PCI0166
Run Depth: 3738.11 mTVD (4044.10 mKB)
Battery On Time: 2005/03/30 21:40
Battery Off Time: 2005/03/31 04:37
Calibration Date: 2005/03/14
Pressure Range: 34566.79 kPaA
Accuracy: 0.05 % FS
Resolution: 0.0003 % FS

Middle

Gauge Type: Pressure Pilot
Serial Number: PCI0095
Run Depth: 3737.9 mTVD (4043.84 mKB)
Battery On Time: 2005/03/30 21:40
Battery Off Time: 2005/03/31 04:37
Calibration Date: 2005/03/14
Pressure Range: 34566.79 kPaA
Accuracy: 0.05 % FS
Resolution: 0.0003 % FS

Gauge Data

Middle

Gauge Type: Pressure Pilot
Serial Number: PCI0101
Run Depth: 3737.69 mTVD (4043.58 mKB)
Battery On Time: 2005/03/30 21:40
Battery Off Time: 2005/03/31 04:37
Calibration Date: 2005/03/14
Pressure Range: 34566.79 kPaA
Accuracy: 0.05 % FS
Resolution: 0.0003 % FS

Top

Gauge Type: Pressure Pilot
Serial Number: PCI0097
Run Depth: 3737.47 mTVD (4043.32 mKB)
Battery On Time: 2005/03/30 21:40
Battery Off Time: 2005/03/31 04:37
Calibration Date: 2005/03/14
Pressure Range: 34566.79 kPaA
Accuracy: 0.05 % FS
Resolution: 0.0003 % FS

Remarks:

True vertical depths are calculated using mKB run depths.
This report has been created for you by Dennis Golas.
Please call (403) 347-9727 if you have any questions or comments. Thank You.

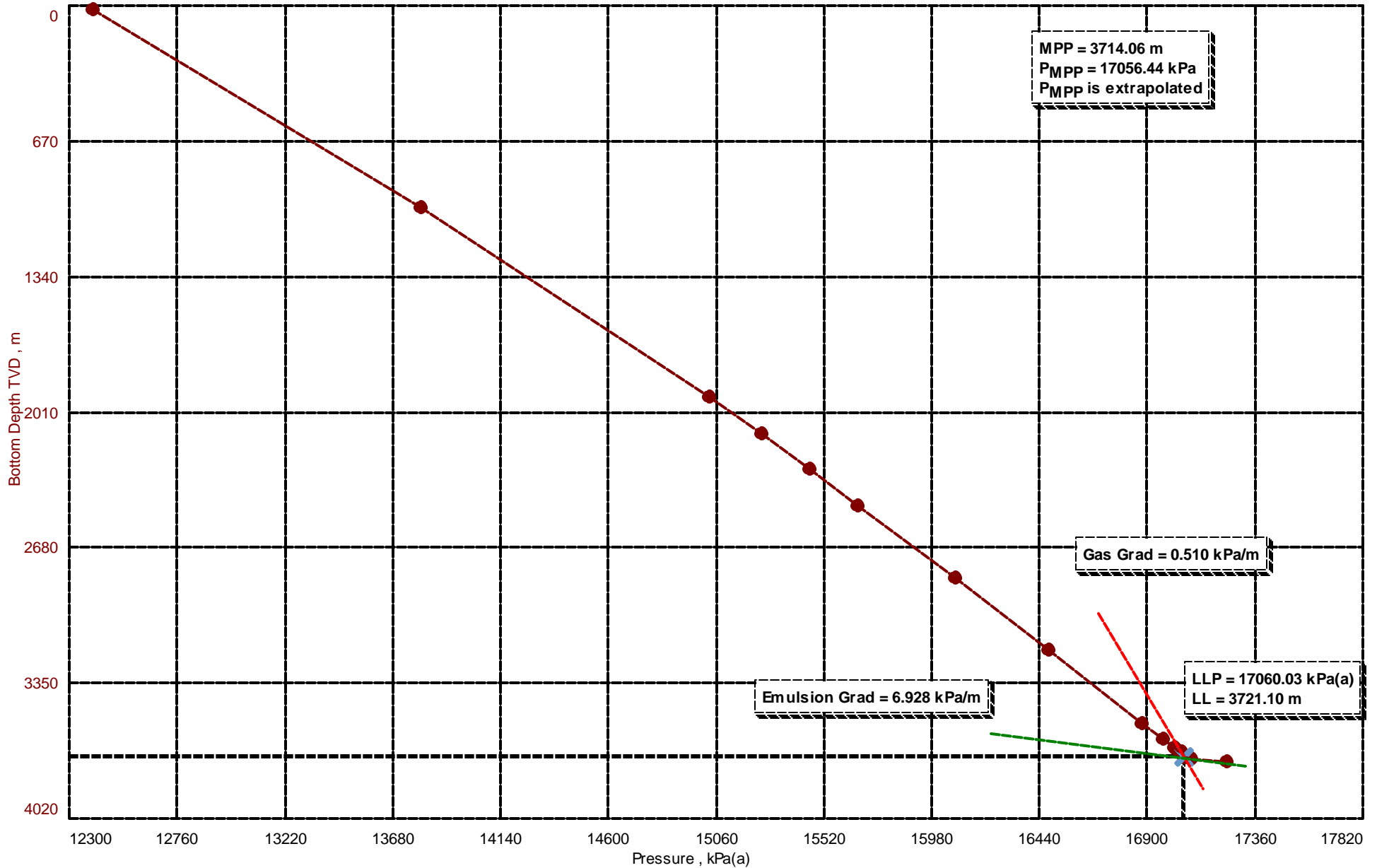
	Bottom Depth TVD m	Bottom Time hh:mm:ss	Bottom Pressure kPa(a)	Pressure Gradient kPa/m	Bottom Temp. Temp. °C	Temp. Gradient °C/m	Bottom Depth mKB m
1	20.00	22:02:23	12401.47		11.43		20.00
2	1000.00	22:27:03	13803.12	1.430	32.82	0.022	1000.00
3	1936.89	22:52:13	15035.08	1.315	72.42	0.042	2000.00
4	2115.00	23:09:33	15253.41	1.226	82.80	0.058	2200.00
5	2293.57	23:26:13	15462.23	1.169	89.37	0.037	2400.00
6	2472.31	23:43:13	15668.34	1.153	96.55	0.040	2600.00
7	2829.28	00:02:23	16085.38	1.168	112.59	0.045	3000.00
8	3187.52	00:20:13	16483.14	1.110	128.41	0.044	3400.00
9	3550.08	00:39:03	16878.86	1.091	146.14	0.049	3800.00
10	3628.95	00:55:53	16968.63	1.138	151.55	0.069	3900.00
11	3672.97	01:11:03	17016.45	1.086	152.76	0.027	3959.80
12	3677.06	01:26:53	17022.24	1.418	153.23	0.115	3965.50
13	3679.70	01:43:53	17025.72	1.315	153.46	0.087	3969.10
14	3684.36	01:59:23	17032.19	1.389	153.87	0.088	3975.40
15	3690.04	02:15:53	17039.95	1.365	154.35	0.084	3983.00
16	3694.16	02:31:43	17046.28	1.539	154.85	0.122	3988.40
17	3718.68	02:47:43	17058.80	0.510	142.06		4020.00
18	3721.96	03:03:53	17066.00	2.196	129.34		4024.15
19	3725.85	03:18:33	17092.94	6.928	140.67	2.914	4029.00
20	3738.11	03:37:13	17239.40	11.946	151.74	0.903	4044.10

Bottom Serial Number: PCI0166 Start Date: 2005/03/30 21:40:00 Run Depth: 3738.11

Print Filter Off



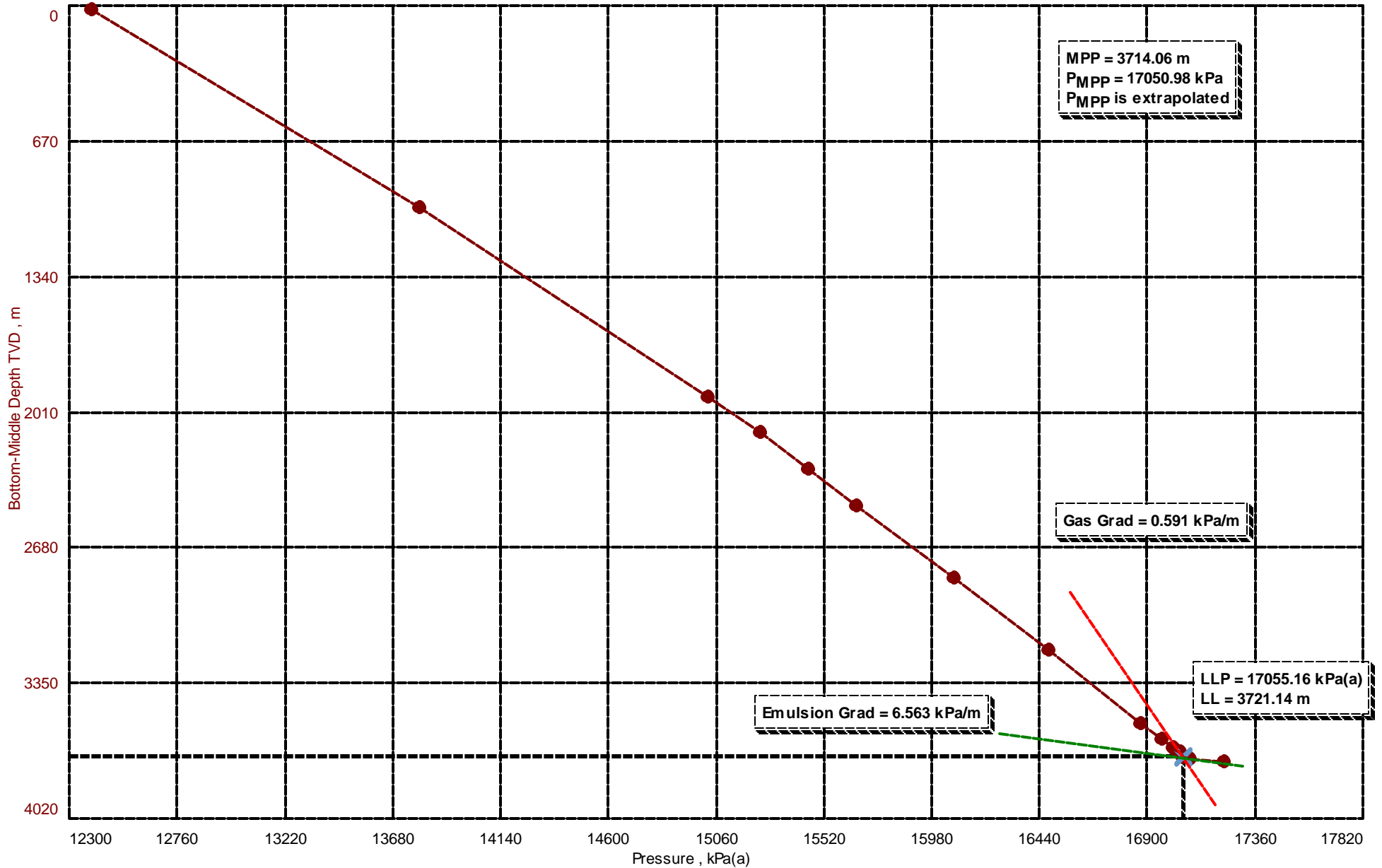
Bottom Pressure Gradient



	Bot-Mid						Bot-Mid
	Depth	Bot-Mid	Bot-Mid	Pressure	Bot-Mid	Temp.	Depth
	TVD	Time	Pressure	Gradient	Temp.	Gradient	mKB
	m	hh:mm:ss	kPa(a)	kPa/m	°C	°C/m	m
1	19.74	22:02:23	12397.26		12.32		19.74
2	999.74	22:27:03	13798.68	1.430	32.48	0.021	999.74
3	1936.65	22:52:13	15028.72	1.313	71.81	0.042	1999.74
4	2114.77	23:09:33	15248.19	1.232	82.37	0.059	2199.74
5	2293.34	23:26:13	15457.05	1.170	89.01	0.037	2399.74
6	2472.08	23:43:13	15662.01	1.147	96.06	0.039	2599.74
7	2829.05	00:02:23	16079.24	1.169	112.08	0.045	2999.74
8	3187.29	00:20:13	16479.51	1.117	127.84	0.044	3399.74
9	3549.86	00:39:03	16873.17	1.086	145.62	0.049	3799.74
10	3628.75	00:55:33	16961.87	1.124	151.29	0.072	3899.74
11	3672.79	01:11:43	17010.92	1.114	152.75	0.033	3959.54
12	3676.87	01:27:23	17016.52	1.374	153.26	0.125	3965.24
13	3679.51	01:43:43	17019.82	1.247	153.53	0.102	3968.84
14	3684.17	02:00:03	17026.00	1.328	153.95	0.090	3975.14
15	3689.85	02:15:53	17032.89	1.213	154.44	0.086	3982.74
16	3693.96	02:31:33	17039.09	1.508	154.94	0.122	3988.14
17	3718.48	02:47:33	17053.59	0.591	143.37		4019.74
18	3721.75	03:03:53	17059.21	1.715	129.86		4023.89
19	3725.64	03:18:33	17084.73	6.563	139.96	2.597	4028.74
20	3737.90	03:37:03	17231.18	11.950	151.26	0.922	4043.84



Bottom-Middle Pressure Gradient



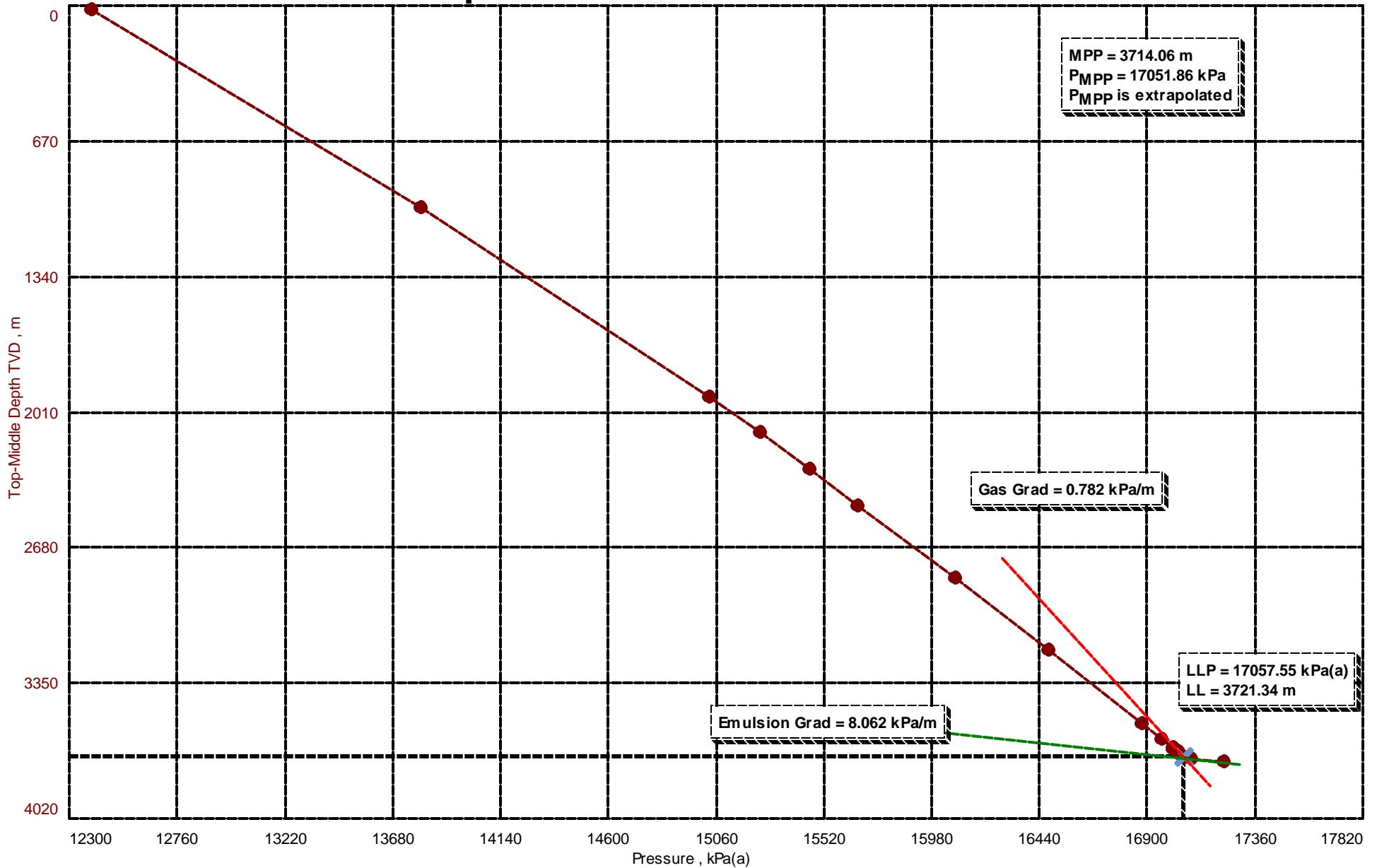
	Top-Mid Depth TVD m	Top-Mid Time hh:mm:ss	Top-Mid Pressure kPa(a)	Pressure Gradient kPa/m	Top-Mid Temp. Temp. °C	Temp. Gradient °C/m	Top-Mid Depth mKB m
1	19.48	22:02:13	12399.03		11.78		19.48
2	999.48	22:27:13	13801.79	1.431	32.84	0.021	999.48
3	1936.42	22:52:13	15032.78	1.314	71.97	0.042	1999.48
4	2114.54	23:09:33	15249.60	1.217	82.40	0.059	2199.48
5	2293.11	23:26:13	15460.28	1.180	89.05	0.037	2399.48
6	2471.84	23:43:13	15667.16	1.157	96.10	0.039	2599.48
7	2828.82	00:02:23	16081.61	1.161	112.23	0.045	2999.48
8	3187.05	00:20:13	16481.84	1.117	128.04	0.044	3399.48
9	3549.64	00:39:03	16876.50	1.088	145.76	0.049	3799.48
10	3628.55	00:55:13	16960.91	1.070	151.11	0.068	3899.48
11	3672.60	01:11:33	17008.80	1.087	152.48	0.031	3959.28
12	3676.67	01:27:33	17014.15	1.315	152.91	0.106	3964.98
13	3679.32	01:43:33	17017.58	1.296	153.16	0.094	3968.58
14	3683.97	02:00:03	17023.63	1.301	153.57	0.088	3974.88
15	3689.65	02:15:23	17030.31	1.177	154.02	0.079	3982.48
16	3693.76	02:31:33	17035.98	1.379	154.52	0.122	3987.88
17	3718.27	02:47:13	17055.15	0.782	144.42		4019.48
18	3721.55	03:04:13	17059.18	1.231	130.01		4023.63
19	3725.43	03:18:43	17090.53	8.062	139.70	2.492	4028.48
20	3737.69	03:37:13	17229.34	11.331	150.76	0.903	4043.58

Middle Serial Number: PCI0101 Start Date: 2005/03/30 21:40:00 Run Depth: 3737.69

Print Filter Off



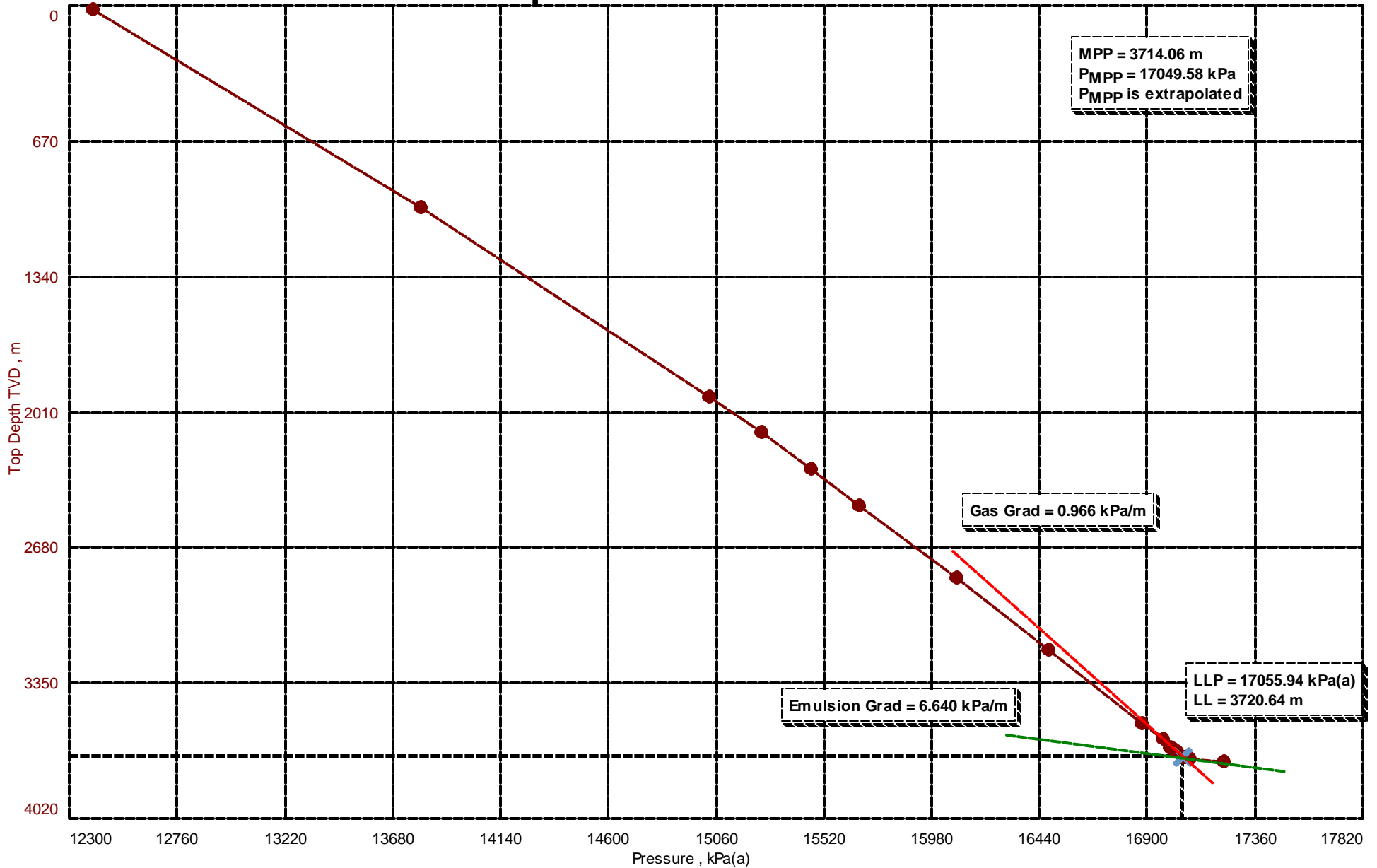
Top-Middle Pressure Gradient



	Top Depth TVD m	Top Time hh:mm:ss	Top Pressure kPa(a)	Pressure Gradient kPa/m	Top Temp. Temp. °C	Temp. Gradient °C/m	Top Depth mKB m
1	19.22	22:02:13	12404.51		12.33		19.22
2	999.22	22:27:03	13803.46	1.428	32.79	0.021	999.22
3	1936.19	22:52:13	15033.37	1.313	72.21	0.042	1999.22
4	2114.31	23:09:33	15253.06	1.233	82.56	0.058	2199.22
5	2292.88	23:26:13	15465.86	1.192	89.21	0.037	2399.22
6	2471.61	23:43:13	15671.42	1.150	96.25	0.039	2599.22
7	2828.58	00:02:23	16086.03	1.161	112.25	0.045	2999.22
8	3186.81	00:20:13	16483.46	1.109	127.96	0.044	3399.22
9	3549.41	00:39:03	16880.47	1.095	145.63	0.049	3799.22
10	3628.34	00:55:03	16966.77	1.093	150.93	0.067	3899.22
11	3672.42	01:11:33	17001.85	0.796	152.30	0.031	3959.02
12	3676.48	01:27:33	17007.31	1.344	152.76	0.113	3964.72
13	3679.13	01:43:53	17010.37	1.157	153.01	0.094	3968.32
14	3683.78	02:00:03	17016.36	1.288	153.42	0.088	3974.62
15	3689.45	02:15:33	17023.59	1.275	153.84	0.074	3982.22
16	3693.56	02:32:03	17029.77	1.503	154.35	0.124	3987.62
17	3718.07	02:47:33	17053.45	0.966	145.39		4019.22
18	3721.34	03:04:03	17060.54	2.169	131.17		4023.37
19	3725.23	03:18:43	17086.36	6.640	138.59	1.908	4028.22
20	3737.47	03:37:03	17229.00	11.648	150.27	0.954	4043.32



Top Pressure Gradient



Difference Plot

