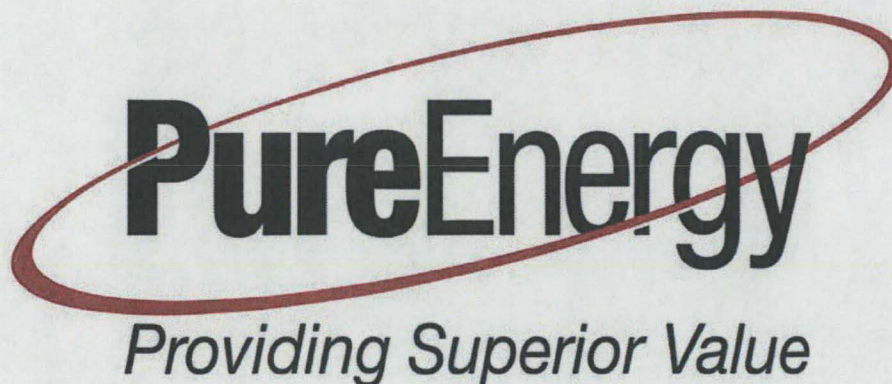




Company Name	MGM Energy Corp.
Well Name	MGM Shell East Mackay I-78
Unique Well ID	00/ I78 64-50 125-30 / 0
Formation	Blue Fish
Well License Number	00207
Test Type	Flowing Gradient
Start Test Date	2013/03/03
Final Test Date	2013/03/03

N E B COPY

Prepared By	Cory Strang
Report Date	2013/03/04

Pure Energy Services Ltd.
10th Floor, 333 - 11th Avenue SW, Calgary, Alberta T2R 1L9
Phone: 403-262-4000 Fax: 403-237-9731
www.pure-energy.ca

Well Information

Company Name MGM Energy Corp.

Well Name MGM Shell East Mackay I-78

Contact Hal Anderson

Surface Location 00/ 178 64-50 125-30 / 0

Unique Well ID 00/ 178 64-50 125-30 / 0

Well Type Vertical

Well Fluid Type 01 Oil

H2S Indicator No

KB Elevation (SL) 161.20 m

GL Elevation (SL) 155.00 m

CF Elevation (SL) 155.00 m

KB-GL Offset 6.20 m

KB-CF Offset 6.20 m

Formation Blue Fish

Top(Log KB) 1946.00 m Bottom(Log KB) 1948.00 m

Top(TVD KB) 1946.00 m Bottom(TVD KB) 1948.00 m

Test Information

Test Type Flowing Gradient

Test Purpose (AEUB) Other

Start Test Date 2013/03/03 12:01:00

Final Test Date 2013/03/03 15:19:35

Date Well Shut-In 2013/03/03 10:00:00

Tubing OD 88.9 mm

Tubing ID 76.0 mm

Tubing Depth(Log KB) 1962.30000 m

Tubing Depth(TVD KB) 1962.30000 m

Tubing Pressure: Initial 1816.00 kPa(a)

Tubing Pressure: Final 93.00 kPa(a)

Casing OD 177.8 mm

Casing ID 161.7 mm

Casing Depth(Log KB) 1978.00000 m

Casing Depth(TVD KB) 1978.00000 m

Packer Depth(Log KB) 1819.11000 m

Packer Depth(TVD KB) 1819.11000 m

PBTD(Log KB) 1978.00 m

PBTD(TVD KB) 1978.00 m

Casing Pressure: Initial 2319.00 kPa(a)

Casing Pressure: Final 2189.00 kPa(a)

Representative John Higgins

Prepared By Cory Strang

Qualified By Loyed Vogel

Report Date 2013/03/04

Test Results

Gauge Serial Number Used in Summary 80671

Run Depth (Log KB) 1946.20 m

Run Depth (TVD KB) 1946.20 m

Pressure at Stop Depth 7968.99 kPa(a)

MPP(TVD KB) 1947.00 m

Representative Pressure at MPP 7973.91 kPa(a)

Reservoir Temperature 68.91 °C

Liquid Level(TVD KB) 801.59 m

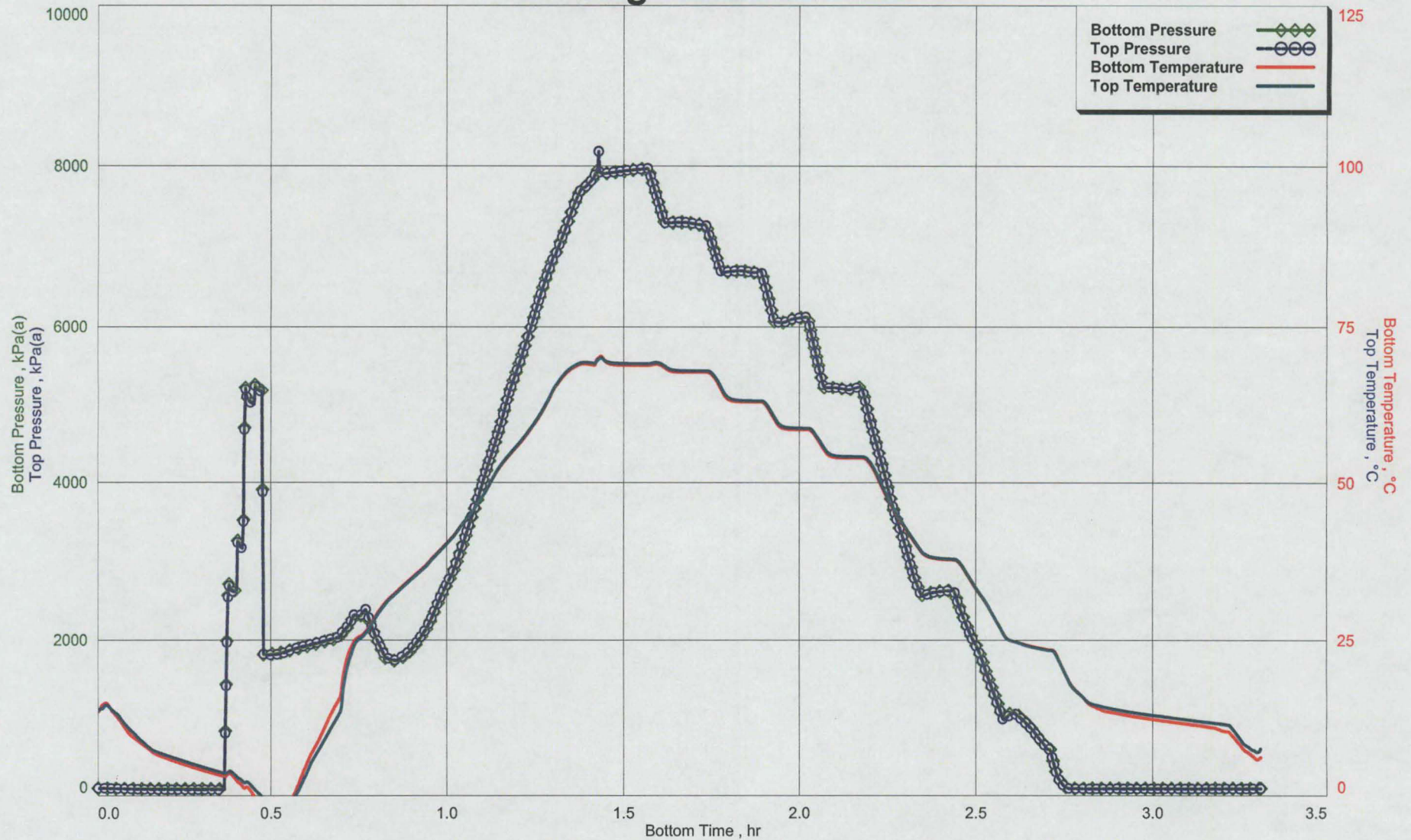
Remarks

For AB wells, the Interval (Log Depth mKB) must match the GCI Interval in the petroleum Registry for a successful submission

MGM Energy Corp.
00/ I78 64-50 125-30 / 0
Start Test Date: 2013/03/03
Final Test Date: 2013/03/03

MGM Shell East Mackay I-78
Formation: Blue Fish

Flowing Gradient Plot



Bottom

MGM Energy Corp.
00/ I78 64-50 125-30 / 0
Start Test Date: 2013/03/03
Final Test Date: 2013/03/03

MGM Shell East Mackay I-78
Formation: Blue Fish

Bottom

Gauge Serial Number	80671	Gauge Type	Electronic
Gauge Manufacturer	Spartek	Maximum Recorder Range	41370.00 kPa
Run Depth (Log KB)	1946.20 m	Date of Last Calibration	2012/11/28
Gauge Start Date	2013/03/03 12:01:00	Gauge Stop Date	2013/03/03 15:19:35
Date Gauge On Bottom	2013/03/03 13:27:25	Date Gauge Off Bottom	2013/03/03 13:34:55

Test Data

Top(TVD KB)	1946.00 m	Bottom(TVD KB)	1948.00 m
Pool Datum Depth (SS)	m	Well Datum Depth	m
Tubing Pressure: Initial	1816.00 kPa(a)	Tubing Pressure: Final	93.00 kPa(a)
Casing Pressure: Initial	2319.00 kPa(a)	Casing Pressure: Final	2189.00 kPa(a)
Start Test Date	2013/03/03 12:01:00	Date Well Shut-In	2013/03/03 10:00:00

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
1946.20	13:34:55	93.92	7968.99		68.91	
1846.20	13:44:45	9.83	7275.81	6.932	67.82	0.011
1746.20	13:54:05	9.33	6700.69	5.751	62.81	0.050
1646.20	14:02:05	8.00	6125.31	5.754	58.52	0.043
1506.20	14:11:15	9.17	5224.33	6.436	53.95	0.033
1006.20	14:27:05	15.83	2639.67	5.169	37.82	0.032
506.20	14:43:15	16.17	596.96	4.085	23.48	0.029
6.20	14:58:55	15.67	96.77	1.000	12.54	0.022

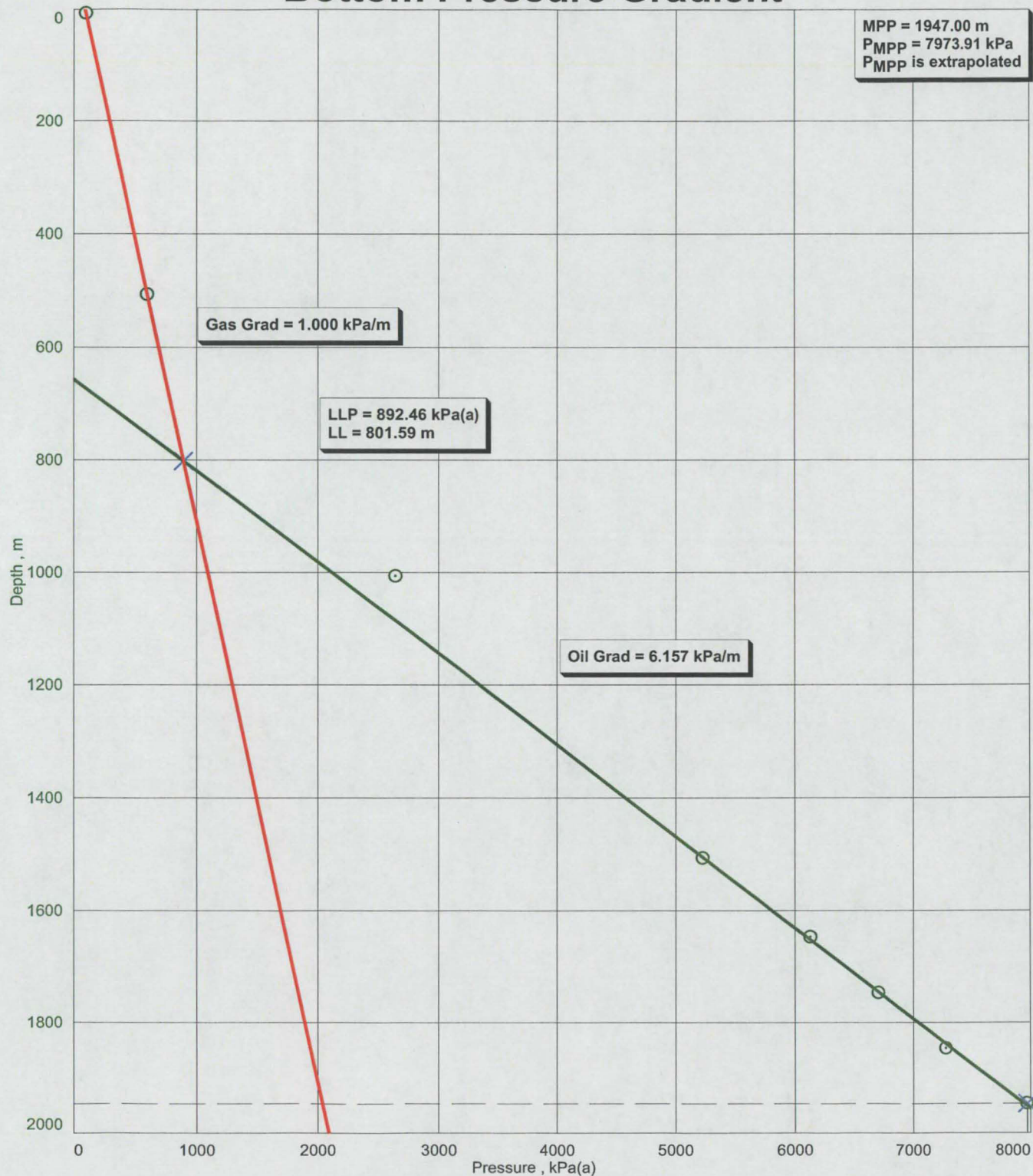
Results

Gas	1.000 kPa/m	Gas - Oil Interface	801.59 m	892.46 kPa(a)
Oil	6.157 kPa/m			
		MPP	1947.00 m	7973.91 kPa(a)

MGM Energy Corp.
00/ I78 64-50 125-30 / 0
Start Test Date: 2013/03/03
Final Test Date: 2013/03/03

MGM Shell East Mackay I-78
Formation: Blue Fish

Bottom Pressure Gradient



Top

MGM Energy Corp.
00/ I78 64-50 125-30 / 0
Start Test Date: 2013/03/03
Final Test Date: 2013/03/03

MGM Shell East Mackay I-78
Formation: Blue Fish

Top

Gauge Serial Number	80050	Gauge Type	Electronic
Gauge Manufacturer	Spartek	Maximum Recorder Range	41370.00 kPa
Run Depth (Log KB)	1945.95 m	Date of Last Calibration	2012/11/28
Gauge Start Date	2013/03/03 12:01:00	Gauge Stop Date	2013/03/03 15:19:35
Date Gauge On Bottom	2013/03/03 13:27:25	Date Gauge Off Bottom	2013/03/03 13:34:55

Test Data

Top(TVD KB)	1946.00 m	Bottom(TVD KB)	1948.00 m
Pool Datum Depth (SS)	m	Well Datum Depth	m
Tubing Pressure: Initial	1816.00 kPa(a)	Tubing Pressure: Final	93.00 kPa(a)
Casing Pressure: Initial	2319.00 kPa(a)	Casing Pressure: Final	2189.00 kPa(a)
Start Test Date	2013/03/03 12:01:00	Date Well Shut-In	2013/03/03 10:00:00

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
1945.95	13:34:55	93.92	7970.09		69.16	
1845.95	13:44:45	9.83	7276.39	6.937	68.01	0.011
1745.95	13:54:05	9.33	6701.64	5.747	62.98	0.050
1645.95	14:02:05	8.00	6124.98	5.767	58.69	0.043
1505.95	14:11:15	9.17	5223.95	6.436	54.11	0.033
1005.95	14:27:05	15.83	2636.20	5.176	37.91	0.032
505.95	14:43:25	16.33	599.37	4.074	23.38	0.029
5.95	14:58:55	15.50	91.89	1.015	13.12	0.021

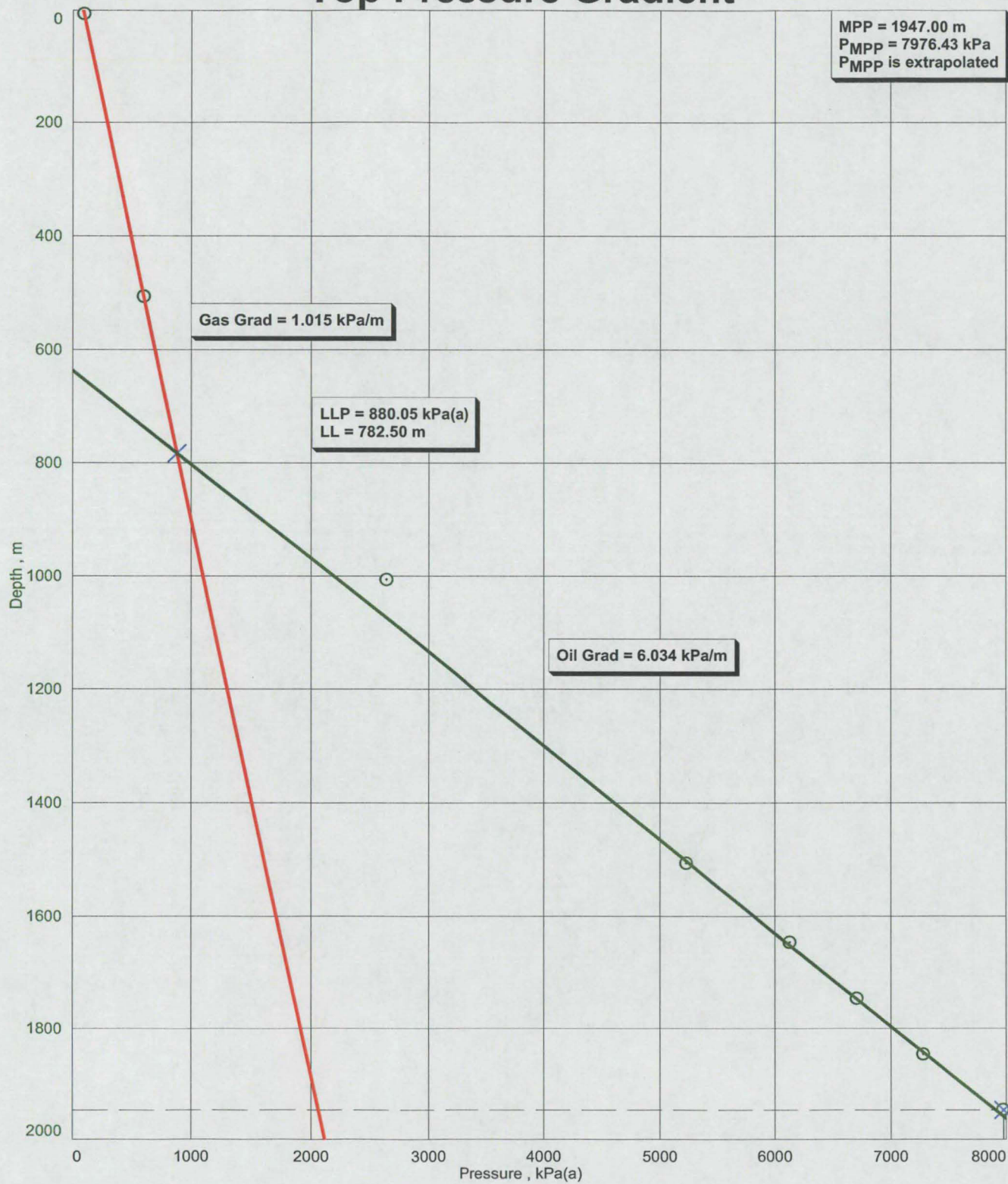
Results

Gas	1.015 kPa/m	Gas - Oil Interface	782.50 m	880.05 kPa(a)
Oil	6.034 kPa/m	MPP	1947.00 m	7976.43 kPa(a)

MGM Energy Corp.
00/ I78 64-50 125-30 / 0
Start Test Date: 2013/03/03
Final Test Date: 2013/03/03

MGM Shell East Mackay I-78
Formation: Blue Fish

Top Pressure Gradient



Company Name MGM Energy Corp.
 Unique Well ID 00/ I78 64-50 125-30 / 0
 Start Test Date 2013/03/03
 Final Test Date 2013/03/03

MGM Shell East Mackay I-78
 Blue Fish

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
1	2013/03/03 12:01:00	0.0000	100.47	13.58	0.0000	98.42	13.71
2	2013/03/03 12:01:45	0.0125	100.19	14.53	0.0125	98.03	14.02
3	2013/03/03 12:03:05	0.0347	97.36	14.07	0.0347	98.33	14.08
4	2013/03/03 12:04:35	0.0597	96.17	12.40	0.0597	94.84	12.82
5	2013/03/03 12:06:05	0.0847	94.44	10.41	0.0847	90.44	11.11
6	2013/03/03 12:07:35	0.1097	93.60	9.13	0.1097	87.66	9.71
7	2013/03/03 12:09:05	0.1347	93.35	8.12	0.1347	85.40	8.42
8	2013/03/03 12:10:35	0.1597	92.68	6.98	0.1597	83.27	7.31
9	2013/03/03 12:12:05	0.1847	93.53	6.35	0.1847	82.85	6.78
10	2013/03/03 12:13:35	0.2097	93.41	5.84	0.2097	82.43	6.30
11	2013/03/03 12:15:05	0.2347	93.54	5.36	0.2347	82.07	5.84
12	2013/03/03 12:16:35	0.2597	92.80	4.90	0.2597	81.57	5.40
13	2013/03/03 12:18:05	0.2847	92.91	4.46	0.2847	81.06	4.96
14	2013/03/03 12:19:35	0.3097	92.87	4.05	0.3097	80.45	4.54
15	2013/03/03 12:21:05	0.3347	93.04	3.65	0.3347	80.20	4.13
16	2013/03/03 12:22:35	0.3597	93.20	3.26	0.3597	79.78	3.75
17	2013/03/03 12:24:05	0.3847	2656.33	3.57	0.3847	2636.55	3.94
18	2013/03/03 12:25:35	0.4097	3217.35	2.06	0.4097	3196.46	2.77
19	2013/03/03 12:27:05	0.4347	5056.73	1.27	0.4347	5037.05	2.15
20	2013/03/03 12:28:35	0.4597	5212.89	-0.55	0.4597	5191.07	0.68
21	2013/03/03 12:30:05	0.4847	1816.79	-3.32	0.4847	1811.55	-1.75
22	2013/03/03 12:31:35	0.5097	1828.50	-4.28	0.5097	1817.61	-2.67
23	2013/03/03 12:33:05	0.5347	1849.35	-4.25	0.5347	1835.96	-2.92
24	2013/03/03 12:34:35	0.5597	1878.07	-0.70	0.5597	1880.01	-0.94
25	2013/03/03 12:36:05	0.5847	1904.13	2.75	0.5847	1914.72	1.55
26	2013/03/03 12:37:35	0.6097	1931.95	6.04	0.6097	1943.85	4.62
27	2013/03/03 12:39:05	0.6347	1960.68	8.72	0.6347	1971.81	7.23
28	2013/03/03 12:40:35	0.6597	1989.44	11.72	0.6597	2001.21	9.69
29	2013/03/03 12:42:05	0.6847	2019.37	14.49	0.6847	2030.35	12.14
30	2013/03/03 12:43:35	0.7097	2116.38	20.20	0.7097	2129.65	18.30
31	2013/03/03 12:45:05	0.7347	2297.65	24.46	0.7347	2308.03	23.69
32	2013/03/03 12:46:35	0.7597	2339.14	25.75	0.7597	2346.50	25.48
33	2013/03/03 12:48:05	0.7847	2208.25	27.56	0.7847	2216.51	27.33
34	2013/03/03 12:49:35	0.8097	1939.78	29.74	0.8097	1948.47	29.54
35	2013/03/03 12:51:05	0.8347	1761.16	31.44	0.8347	1769.94	31.29
36	2013/03/03 12:52:35	0.8597	1738.44	32.73	0.8597	1747.59	32.59
37	2013/03/03 12:54:05	0.8847	1811.07	34.05	0.8847	1820.75	33.90
38	2013/03/03 12:55:35	0.9097	1931.18	35.29	0.9097	1941.89	35.16
39	2013/03/03 12:57:05	0.9347	2089.67	36.52	0.9347	2100.94	36.39
40	2013/03/03 12:58:35	0.9597	2302.29	38.01	0.9597	2313.93	37.90
41	2013/03/03 13:00:05	0.9847	2561.13	39.43	0.9847	2572.92	39.35
42	2013/03/03 13:01:35	1.0097	2788.86	40.91	1.0097	2801.36	40.86
43	2013/03/03 13:03:05	1.0347	3072.57	42.69	1.0347	3084.15	42.65
44	2013/03/03 13:04:35	1.0597	3410.10	44.53	1.0597	3421.60	44.53
45	2013/03/03 13:06:05	1.0847	3748.53	46.43	1.0847	3759.57	46.44

Print Filter: Approximately every 9 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80671	2013/03/03	12:01:00	1946.20 m
Top	80050	2013/03/03	12:01:00	1945.95 m

Company Name MGM Energy Corp.
Unique Well ID 00/178 64-50 125-30 / 0
Start Test Date 2013/03/03
Final Test Date 2013/03/03

MGM Shell East Mackay I-78
Blue Fish

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
46	2013/03/03 13:07:35	1.1097	4117.17	48.62	1.1097	4126.26	48.63
47	2013/03/03 13:09:05	1.1347	4478.86	51.15	1.1347	4481.42	51.17
48	2013/03/03 13:10:35	1.1597	4869.31	53.19	1.1597	4863.96	53.26
49	2013/03/03 13:12:05	1.1847	5273.07	54.90	1.1847	5266.05	54.98
50	2013/03/03 13:13:35	1.2097	5606.83	56.54	1.2097	5600.69	56.64
51	2013/03/03 13:15:05	1.2347	5953.11	58.42	1.2347	5950.23	58.51
52	2013/03/03 13:16:35	1.2597	6334.80	60.43	1.2597	6330.40	60.51
53	2013/03/03 13:18:05	1.2847	6670.37	62.86	1.2847	6667.83	62.93
54	2013/03/03 13:19:35	1.3097	6934.37	65.58	1.3097	6929.96	65.68
55	2013/03/03 13:21:05	1.3347	7222.76	67.49	1.3347	7218.27	67.63
56	2013/03/03 13:22:35	1.3597	7527.85	68.61	1.3597	7524.20	68.78
57	2013/03/03 13:24:05	1.3847	7726.56	69.13	1.3847	7722.47	69.35
58	2013/03/03 13:25:35	1.4097	7828.52	69.01	1.4097	7826.81	69.27
59	2013/03/03 13:27:05	1.4347	7910.69	70.31	1.4347	7916.68	70.07
60	2013/03/03 13:28:35	1.4597	7915.18	69.16	1.4597	7917.41	69.36
61	2013/03/03 13:30:05	1.4847	7930.00	68.95	1.4847	7932.93	69.21
62	2013/03/03 13:31:35	1.5097	7943.73	68.92	1.5097	7945.86	69.17
63	2013/03/03 13:33:05	1.5347	7956.10	68.91	1.5347	7957.79	69.16
64	2013/03/03 13:34:35	1.5597	7966.41	68.91	1.5597	7967.45	69.16
65	2013/03/03 13:36:05	1.5847	7754.06	69.05	1.5847	7751.11	69.29
66	2013/03/03 13:37:35	1.6097	7393.67	68.79	1.6097	7389.77	69.05
67	2013/03/03 13:39:05	1.6347	7302.48	67.96	1.6347	7305.45	68.23
68	2013/03/03 13:40:35	1.6597	7307.91	67.81	1.6597	7308.79	68.05
69	2013/03/03 13:42:05	1.6847	7300.02	67.81	1.6847	7301.03	68.02
70	2013/03/03 13:43:35	1.7097	7282.96	67.82	1.7097	7283.78	68.01
71	2013/03/03 13:45:05	1.7347	7263.63	67.82	1.7347	7262.37	68.01
72	2013/03/03 13:46:35	1.7597	6936.51	66.80	1.7597	6936.28	67.06
73	2013/03/03 13:48:05	1.7847	6680.85	64.09	1.7847	6680.12	64.41
74	2013/03/03 13:49:35	1.8097	6696.10	62.95	1.8097	6696.10	63.22
75	2013/03/03 13:51:05	1.8347	6700.86	62.83	1.8347	6700.70	63.03
76	2013/03/03 13:52:35	1.8597	6683.56	62.82	1.8597	6683.37	62.99
77	2013/03/03 13:54:05	1.8847	6700.69	62.81	1.8847	6701.64	62.98
78	2013/03/03 13:55:35	1.9097	6400.56	61.92	1.9097	6398.04	62.16
79	2013/03/03 13:57:05	1.9347	6063.62	59.62	1.9347	6062.40	59.88
80	2013/03/03 13:58:35	1.9597	6064.64	58.63	1.9597	6064.21	58.87
81	2013/03/03 14:00:05	1.9847	6104.67	58.53	1.9847	6104.44	58.72
82	2013/03/03 14:01:35	2.0097	6120.62	58.52	2.0097	6120.69	58.69
83	2013/03/03 14:03:05	2.0347	5904.67	58.28	2.0347	5901.53	58.48
84	2013/03/03 14:04:35	2.0597	5407.19	56.27	2.0597	5404.13	56.53
85	2013/03/03 14:06:05	2.0847	5218.35	54.35	2.0847	5216.96	54.62
86	2013/03/03 14:07:35	2.1097	5212.23	53.99	2.1097	5211.49	54.20
87	2013/03/03 14:09:05	2.1347	5191.71	53.95	2.1347	5191.00	54.12
88	2013/03/03 14:10:35	2.1597	5213.17	53.95	2.1597	5212.82	54.11
89	2013/03/03 14:12:05	2.1847	5090.91	53.89	2.1847	5088.01	54.06
90	2013/03/03 14:13:35	2.2097	4652.19	52.29	2.2097	4648.37	52.50

Print Filter: Approximately every 9 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80671	2013/03/03	12:01:00	1946.20 m
Top	80050	2013/03/03	12:01:00	1945.95 m

Company Name MGM Energy Corp.
 Unique Well ID 00/178 64-50 125-30 / 0
 Start Test Date 2013/03/03
 Final Test Date 2013/03/03

MGM Shell East Mackay I-78
 Blue Fish

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
91	2013/03/03 14:15:05	2.2347	4234.95	49.39	2.2347	4230.37	49.62
92	2013/03/03 14:16:35	2.2597	3802.51	46.62	2.2597	3797.14	46.81
93	2013/03/03 14:18:05	2.2847	3429.86	44.25	2.2847	3425.54	44.42
94	2013/03/03 14:19:35	2.3097	3067.59	42.04	2.3097	3060.73	42.19
95	2013/03/03 14:21:05	2.3347	2710.40	39.98	2.3347	2703.83	40.10
96	2013/03/03 14:22:35	2.3597	2584.18	38.46	2.3597	2579.82	38.58
97	2013/03/03 14:24:05	2.3847	2617.48	38.05	2.3847	2613.61	38.12
98	2013/03/03 14:25:35	2.4097	2630.20	37.88	2.4097	2626.89	37.98
99	2013/03/03 14:27:05	2.4347	2639.67	37.82	2.4347	2636.20	37.91
100	2013/03/03 14:28:35	2.4597	2364.58	36.92	2.4597	2354.73	37.00
101	2013/03/03 14:30:05	2.4847	2088.53	34.69	2.4847	2076.52	34.76
102	2013/03/03 14:31:35	2.5097	1857.06	32.52	2.5097	1843.00	32.58
103	2013/03/03 14:33:05	2.5347	1531.25	30.46	2.5347	1516.36	30.49
104	2013/03/03 14:34:35	2.5597	1211.87	27.95	2.5597	1195.42	27.96
105	2013/03/03 14:36:05	2.5847	1006.99	25.47	2.5847	991.69	25.46
106	2013/03/03 14:37:35	2.6097	1065.12	24.81	2.6097	1052.01	24.80
107	2013/03/03 14:39:05	2.6347	969.31	24.37	2.6347	958.46	24.32
108	2013/03/03 14:40:35	2.6597	850.03	23.99	2.6597	843.86	23.92
109	2013/03/03 14:42:05	2.6847	705.44	23.69	2.6847	704.02	23.62
110	2013/03/03 14:43:35	2.7097	598.39	23.47	2.7097	594.06	23.38
111	2013/03/03 14:45:05	2.7347	216.00	21.80	2.7347	212.79	21.76
112	2013/03/03 14:46:35	2.7597	103.72	18.77	2.7597	98.92	18.71
113	2013/03/03 14:48:05	2.7847	96.96	16.69	2.7847	92.50	16.64
114	2013/03/03 14:49:35	2.8097	95.77	15.28	2.8097	92.08	15.30
115	2013/03/03 14:51:05	2.8347	96.64	14.26	2.8347	91.39	14.52
116	2013/03/03 14:52:35	2.8597	96.89	13.60	2.8597	91.86	14.17
117	2013/03/03 14:54:05	2.8847	97.07	13.33	2.8847	92.14	13.89
118	2013/03/03 14:55:35	2.9097	96.60	13.07	2.9097	91.90	13.62
119	2013/03/03 14:57:05	2.9347	97.25	12.82	2.9347	92.01	13.38
120	2013/03/03 14:58:35	2.9597	96.87	12.59	2.9597	91.98	13.16
121	2013/03/03 15:00:05	2.9847	97.16	12.37	2.9847	91.84	12.97
122	2013/03/03 15:01:35	3.0097	97.08	12.17	3.0097	91.83	12.79
123	2013/03/03 15:03:05	3.0347	96.79	11.98	3.0347	92.10	12.62
124	2013/03/03 15:04:35	3.0597	97.13	11.79	3.0597	91.64	12.44
125	2013/03/03 15:06:05	3.0847	96.72	11.61	3.0847	91.97	12.26
126	2013/03/03 15:07:35	3.1097	96.83	11.43	3.1097	92.07	12.08
127	2013/03/03 15:09:05	3.1347	96.55	11.26	3.1347	92.13	11.91
128	2013/03/03 15:10:35	3.1597	96.87	11.03	3.1597	92.16	11.74
129	2013/03/03 15:12:05	3.1847	96.69	10.75	3.1847	92.47	11.58
130	2013/03/03 15:13:35	3.2097	97.11	10.32	3.2097	92.39	11.40
131	2013/03/03 15:15:05	3.2347	97.13	9.27	3.2347	91.41	10.33
132	2013/03/03 15:16:35	3.2597	96.75	7.53	3.2597	91.32	8.41
133	2013/03/03 15:18:05	3.2847	97.00	6.49	3.2847	92.31	7.40
134	2013/03/03 15:19:35	3.3097	97.69	6.13	3.3097	94.49	7.54

Print Filter: Approximately every 9 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80671	2013/03/03	12:01:00	1946.20 m
Top	80050	2013/03/03	12:01:00	1945.95 m