

PR 66-36

MOONIE OIL N.L.

EAST MEREENIE # 3

21st August 1985

GEARHART AUSTRALIA

**NORTHERN TERRITORY
GEOLOGICAL SURVEY**

DEPT. OF MINES & ENERGY
DO NOT REMOVE



P01035



I - N - D - E - X

(1) OPERATIONS SCHEDULE

(2) WELL HEAD PRESSURES.

[21/08/85]
[22/08/85]

(3) LUBRICATOR TOOL CALIBRATION STOP
LINEAR PLOT & DATA

[22/08/85]

(4) STATIC GRADIENT PLOTS & DATA

GEARHART PTY. LTD
1/17-19 MUSGRAVE AVE.,
WELLAND, S.A. 5007.

MOONIE OIL N.L.

EAST MERREENIE # 3

OPERATIONS SCHEDULE

HOURS

REMARKS

21st. August 1985

To run static gradient survey.

1900 hrs. Gearhart arrive on lease with logging unit CH-01 , mast unit and crew .

1930 hrs. Commence rig up. Tubing pressure is 179 Psig , Casing pressure is 160 Psig.

2000 hrs. Return to WM # 5 to collect generator .

2100 hrs. Arrive back at EM # 3 with generator .

2105 hrs. Continue rig up to wellhead and notice Crown valve is leaking slightly , 5 inch casing valve has also a slight leak .

2245 hrs. Pressure lubricator to conduct lubricator pressure test .

2328 hrs. Commence monitoring lubricator pressure with H/P pressure probe # 627 and temperature tool # 74 for calibration stop . Record tubing and casing pressures every five minutes. Tubing pressure 184 Psig ; Casing pressure 164 Psig .

22nd August 1985

Continue monitoring lubricator pressure for first static gradient stop with H/P tool and surface read out equipment . Record tubing and casing pressures every 5 minutes. casing pressure with vaetrix gauge. Tubing pressure 187 Psig ; Casing pressure 166 Psig .

0004 hrs. R.I.H. with H/P tool to 1000.0 kb measured depth . TVD ; 1000' kb . Tubing pressure 187 Psig ; Casing pressure 166 Psig .

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MOONIE OIL N.L.

EAST MEREENIE # 3

OPERATIONS SCHEDULE

HOURS

REMARKS

22nd. August 1985

To run static gradient survey.

0020 hrs.	Hang HP tool at 1000 ft. TVD; 1000 ft. measured depth.
0116 hrs.	R.I.H. to 2000 ft. TVD; 2000 ft. measured depth. Tubing pressure 187 Psig ; Casing pressure 166 Psig .
0130 hrs.	Hang HP tool at 2000 ft. TVD; 2000 ft. measured depth.
0204 hrs.	R.I.H. to 3000 ft. TVD; 3001 ft. measured depth. Tubing pressure 188 Psig ; Casing pressure 167 Psig .
0214 hrs.	Hang HP tool at 3000 ft. TVD; 3001 ft. measured depth.
0325 hrs.	R.I.H. to 4000 ft. TVD; 4046.2 ft. measured depth. Tubing pressure 188 Psig ; Casing pressure 167 Psig .
0353 hrs.	Hang HP tool at 4000 ft. TVD; 4046.2 ft. measured depth.
0426 hrs.	R.I.H. to 4200 ft. TVD; 4273.2 ft. measured depth. Tubing pressure 188 Psig ; Casing pressure 167 Psig .
0432 hrs.	Hang HP tool at 4200 ft. TVD; 4273.2 ft. measured depth.
0451 hrs.	R.I.H. to 4400 ft. TVD; 4511.8 ft. measured depth. Tubing pressure 188 Psig ; Casing pressure 166 Psig .
0457 hrs.	Hang HP tool at 4400 ft. TVD; 4511.8 ft. measured depth.
0530 hrs.	R.I.H. to 4600 ft. TVD; 4755.0 ft. measured depth. Tubing pressure 190 Psig ; Casing pressure 167 Psig .
0534 hrs.	Hang HP tool at 4600 ft. TVD; 4755.0 ft. measured depth.

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MOONIE OIL N.L.

EAST MEREENIE # 3

OPERATIONS SCHEDULE

HOURS

REMARKS

22nd. August 1985

To run static gradient survey.

0600 hrs.	R.I.H. to 4800 ft. TVD; 5015.1 ft. measured depth. Tubing pressure 191 Psig ; Casing pressure 166 Psig .
0605 hrs.	Hang HP tool at 4800 ft. TVD; 5015.1 ft. measured depth.
0621 hrs.	R.I.H. to 4927.2 ft. TVD; 5180 ft. measured depth. Tubing pressure 192 Psig ; Casing pressure 167 Psig .
0624 hrs.	Hang HP tool at 4927.2 ft. TVD; 5180 ft. measured depth.
0705 hrs.	P.O.O.H to lubricator . Tubing pressure 194 Psig ; Casing pressure 167 Psig .
0800 hrs.	Hang tool in lubricator .
0805 hrs.	Depressurize lubricator .
0705 hrs.	End of static gradient survey. Completed pressure survey.
0935 hrs.	Commence rig down of well head .
1100 hrs.	Rig down completed Gearhart off lease.

GEARHART OPERATORS :
B.EUSTIS , K.WHITFORD .

GEARHART PTY. LTD
1/17-19 MUSGRAVE AVE.,
WELLAND, S.A. 5007.

MOONIE OIL N.L.

EAST MEREENIE # 3

WELL HEAD PRESSURES

21 st August 1984

Lubricator tool calibration stop

Time hrs.	Wellhead psig	Annulus psig	Bottom hole psia
2300	179	160	
2325	184	164	201.59
2330	185	165	202.11
2335	186	166	202.94
2340	186	166	203.37
2345	186	166	203.64
2350	186	166	204.06
2355	187	166	204.70

22nd August 1985

0000	187	166	204.38
0003	187	166	205.78

R.I.H. with H/P tool for static gradient survey .

PRESSURE vs TIME - (LINEAR)

COMPANY : Moonie Oil N.L.

WELL : East Mereenie #3

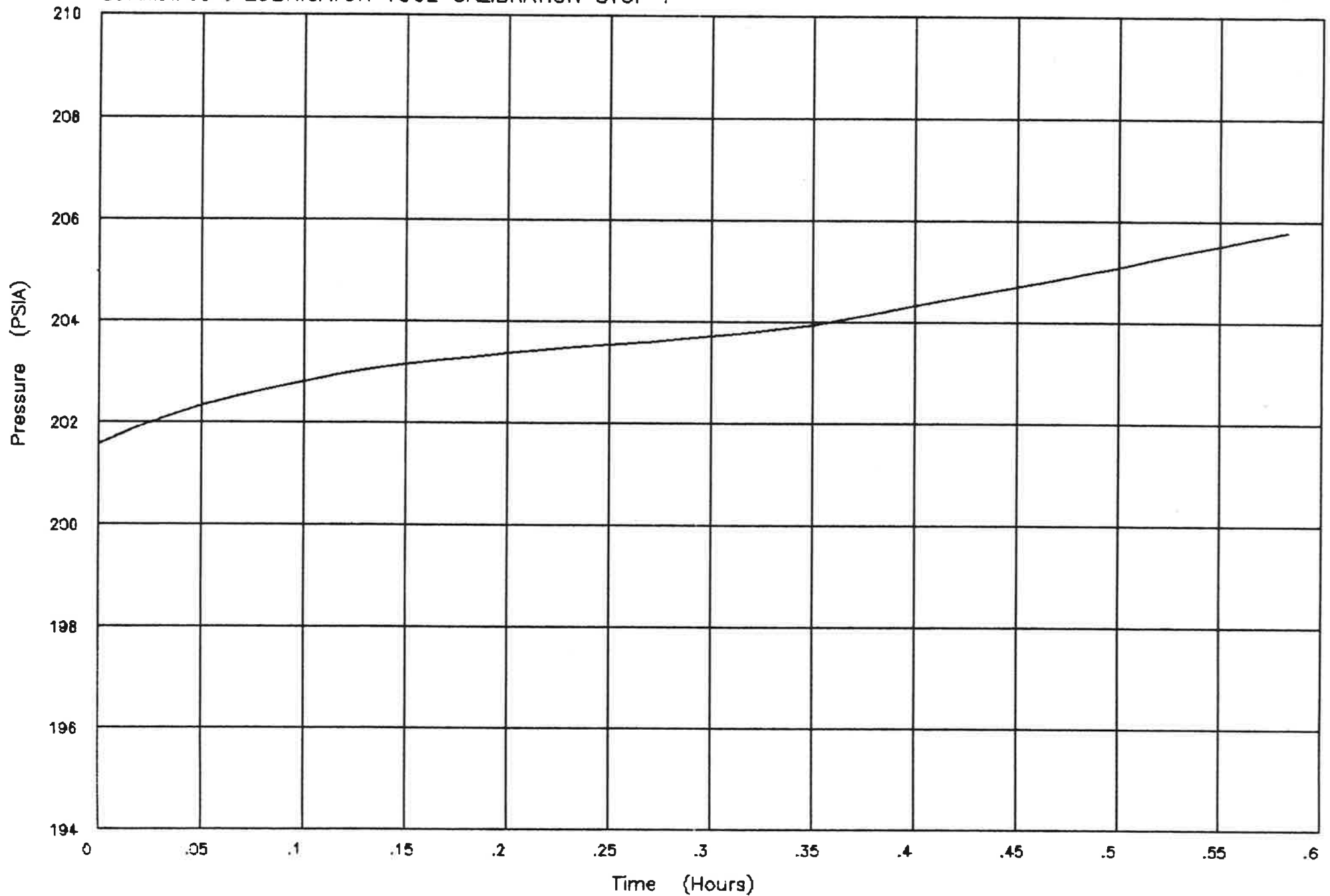
Comments : LUBRICATOR TOOL CALIBRATION STOP .

Eq. Type: H.P.

Gauge No: 627

From : 23:28:00 21/08/85

To : 00:03:00 22/08/85



PRESSURE vs TIME - (LINEAR) PLOT DATA

COMPANY : Moonie Oil N.L.
WELL : East Mereenie #3

Eq. Type : H.P.
Gauge # : 627
Depth : 4927.2 Feet

Comments : LUBRICATOR TOOL CALIBRATION STOP .

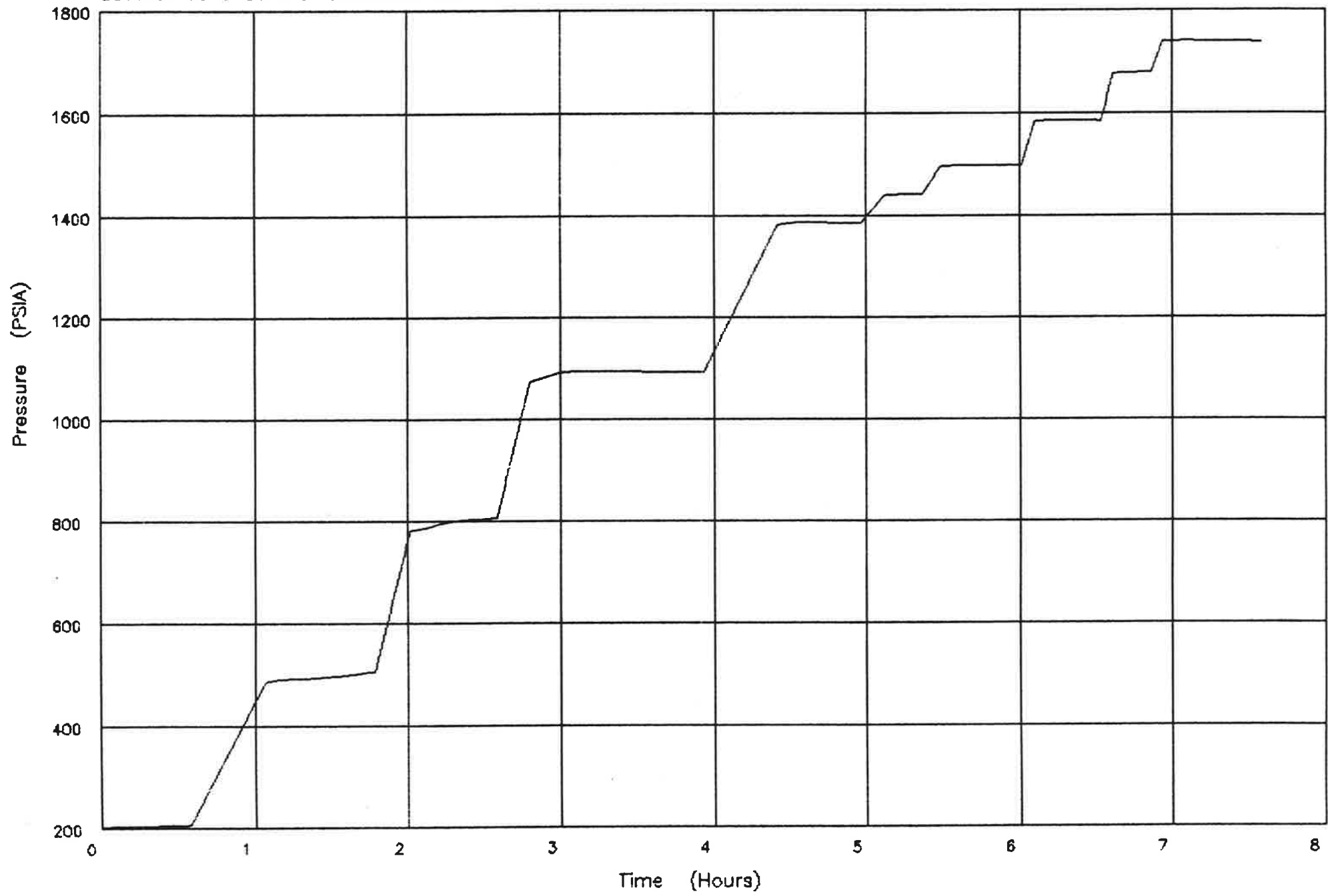
Seq.#	Date	Time	dt	Pressure (PSIA)	Temp (Deg.F)
1	21/08/85	23:28:00	0.0000	201.59	+52.7
2	21/08/85	23:29:00	0.0167	201.88	+52.6
3	21/08/85	23:30:00	0.0333	202.11	+52.5
4	21/08/85	23:31:00	0.0500	202.33	+52.5
5	21/08/85	23:32:00	0.0667	202.50	+52.4
6	21/08/85	23:33:00	0.0833	202.66	+52.4
7	21/08/85	23:34:00	0.1000	202.81	+52.3
8	21/08/85	23:35:00	0.1167	202.94	+52.2
9	21/08/85	23:36:00	0.1333	203.06	+52.2
10	21/08/85	23:37:00	0.1500	203.15	+52.2
11	21/08/85	23:38:00	0.1667	203.23	+52.1
12	21/08/85	23:39:00	0.1833	203.30	+52.1
13	21/08/85	23:40:00	0.2000	203.37	+52.1
14	21/08/85	23:41:00	0.2167	203.44	+52.0
15	21/08/85	23:42:00	0.2333	203.49	+52.0
16	21/08/85	23:43:00	0.2500	203.54	+52.0
17	21/08/85	23:44:00	0.2667	203.59	+52.0
18	21/08/85	23:45:00	0.2833	203.64	+51.9
19	21/08/85	23:46:00	0.3000	203.71	+51.9
20	21/08/85	23:47:00	0.3167	203.77	+51.9
21	21/08/85	23:48:00	0.3333	203.85	+51.9
22	21/08/85	23:49:00	0.3500	203.93	+51.8
23	21/08/85	23:50:00	0.3667	204.06	+51.8
24	21/08/85	23:51:00	0.3833	204.19	+51.8
25	21/08/85	23:52:00	0.4000	204.31	+51.7
26	21/08/85	23:53:00	0.4167	204.44	+51.7
27	21/08/85	23:54:00	0.4333	204.57	+51.7
28	21/08/85	23:55:00	0.4500	204.70	+51.6
29	21/08/85	23:56:00	0.4667	204.83	+51.6
30	21/08/85	23:57:00	0.4833	204.96	+51.5
31	21/08/85	23:58:00	0.5000	205.09	+51.5
32	21/08/85	23:59:00	0.5167	205.24	+51.4
33	22/08/85	00:00:00	0.5333	205.38	+51.4
34	22/08/85	00:01:00	0.5500	205.52	+51.3
35	22/08/85	00:02:00	0.5667	205.66	+51.3
36	22/08/85	00:03:00	0.5833	205.78	+51.2

PRESSURE vs TIME - (LINEAR)

COMPANY : Moonie Oil N.L.
WELL : East Mereenie #3
Comments : STATIC GRADIENT SURVEY .

Eq. Type: H.P.
Gauge No: 627

From : 23:28:00 21/08/85
To : 07:03:00 22/08/85



PRESSURE vs TIME - (LINEAR) PLOT DATA

COMPANY : Moonie Oil N.L.
 WELL : East Mereenie #3

Eq. Type : H.P.
 Gauge # : 627
 Depth : TVD

Comments : STATIC GRADIENT SURVEY .

Seq.#	Date	Time	dt	Pressure (PSIA)	Temp (Deg.F)	Depth (Feet)
1	21/08/85	23:28:00	0.0000	201.59	+52.7	0.0
2	21/08/85	23:29:00	0.0167	201.88	+52.6	0.0
3	21/08/85	23:30:00	0.0333	202.11	+52.5	0.0
4	21/08/85	23:31:00	0.0500	202.33	+52.5	0.0
5	21/08/85	23:32:00	0.0667	202.50	+52.4	0.0
6	21/08/85	23:33:00	0.0833	202.66	+52.4	0.0
7	21/08/85	23:34:00	0.1000	202.81	+52.3	0.0
8	21/08/85	23:35:00	0.1167	202.94	+52.2	0.0
9	21/08/85	23:36:00	0.1333	203.06	+52.2	0.0
10	21/08/85	23:37:00	0.1500	203.15	+52.2	0.0
11	21/08/85	23:38:00	0.1667	203.23	+52.1	0.0
12	21/08/85	23:39:00	0.1833	203.30	+52.1	0.0
13	21/08/85	23:40:00	0.2000	203.37	+52.1	0.0
14	21/08/85	23:41:00	0.2167	203.44	+52.0	0.0
15	21/08/85	23:42:00	0.2333	203.49	+52.0	0.0
16	21/08/85	23:43:00	0.2500	203.54	+52.0	0.0
17	21/08/85	23:44:00	0.2667	203.59	+52.0	0.0
18	21/08/85	23:45:00	0.2833	203.64	+51.9	0.0
19	21/08/85	23:46:00	0.3000	203.71	+51.9	0.0
20	21/08/85	23:47:00	0.3167	203.77	+51.9	0.0
21	21/08/85	23:48:00	0.3333	203.85	+51.9	0.0
22	21/08/85	23:49:00	0.3500	203.93	+51.8	0.0
23	21/08/85	23:50:00	0.3667	204.06	+51.8	0.0
24	21/08/85	23:51:00	0.3833	204.19	+51.8	0.0
25	21/08/85	23:52:00	0.4000	204.31	+51.7	0.0
26	21/08/85	23:53:00	0.4167	204.44	+51.7	0.0
27	21/08/85	23:54:00	0.4333	204.57	+51.7	0.0
28	21/08/85	23:55:00	0.4500	204.70	+51.6	0.0
29	21/08/85	23:56:00	0.4667	204.83	+51.6	0.0
30	21/08/85	23:57:00	0.4833	204.96	+51.5	0.0
31	21/08/85	23:58:00	0.5000	205.09	+51.5	0.0
32	21/08/85	23:59:00	0.5167	205.24	+51.4	0.0
33	22/08/85	00:00:00	0.5333	205.38	+51.4	0.0
34	22/08/85	00:01:00	0.5500	205.52	+51.3	0.0
35	22/08/85	00:02:00	0.5667	205.66	+51.3	0.0
36	22/08/85	00:03:00	0.5833	205.78	+51.2	0.0
37	22/08/85	00:32:00	1.0667	485.47	+91.6	1000.0
38	22/08/85	00:33:00	1.0833	487.16	+91.6	1000.0
39	22/08/85	00:34:00	1.1000	488.32	+91.6	1000.0
40	22/08/85	00:35:00	1.1167	489.22	+91.6	1000.0
41	22/08/85	00:36:00	1.1333	489.95	+91.6	1000.0
42	22/08/85	00:37:00	1.1500	490.56	+91.6	1000.0
43	22/08/85	00:38:00	1.1667	491.02	+91.6	1000.0
44	22/08/85	00:39:00	1.1833	491.38	+91.6	1000.0
45	22/08/85	00:40:00	1.2000	491.63	+91.6	1000.0
46	22/08/85	00:41:00	1.2167	491.76	+91.6	1000.0
47	22/08/85	00:42:00	1.2333	491.77	+91.6	1000.0
48	22/08/85	00:43:00	1.2500	491.74	+91.6	1000.0
49	22/08/85	00:44:00	1.2667	491.76	+91.6	1000.0
50	22/08/85	00:45:00	1.2833	491.75	+91.6	1000.0

PRESSURE vs TIME - (LINEAR) PLOT DATA

COMPANY : Moonie Oil N.L.
WELL : East Mereenie #3

Eq. Type : H.P.
Gauge # : 627
Depth : TVD

Comments : STATIC GRADIENT SURVEY .

Seq.#	Date	Time	dt	Pressure (PSIA)	Temp (Deg.F)	Depth (Feet)
51	22/08/85	00:46:00	1.3000	491.79	+91.6	1000.0
52	22/08/85	00:47:00	1.3167	492.23	+91.6	1000.0
53	22/08/85	00:48:00	1.3333	492.59	+91.7	1000.0
54	22/08/85	00:49:00	1.3500	492.95	+91.7	1000.0
55	22/08/85	00:50:00	1.3667	493.34	+91.7	1000.0
56	22/08/85	00:51:00	1.3833	493.72	+91.7	1000.0
57	22/08/85	00:52:00	1.4000	494.10	+91.7	1000.0
58	22/08/85	00:53:00	1.4167	494.50	+91.7	1000.0
59	22/08/85	00:54:00	1.4333	494.89	+91.7	1000.0
60	22/08/85	00:55:00	1.4500	495.29	+91.7	1000.0
61	22/08/85	00:56:00	1.4667	495.70	+91.7	1000.0
62	22/08/85	00:57:00	1.4833	496.12	+91.7	1000.0
63	22/08/85	00:58:00	1.5000	496.54	+91.7	1000.0
64	22/08/85	00:59:00	1.5167	496.98	+91.7	1000.0
65	22/08/85	01:00:00	1.5333	497.40	+91.7	1000.0
66	22/08/85	01:01:00	1.5500	497.75	+91.8	1000.0
67	22/08/85	01:02:00	1.5667	498.15	+91.8	1000.0
68	22/08/85	01:03:00	1.5833	498.70	+91.8	1000.0
69	22/08/85	01:04:00	1.6000	499.24	+91.8	1000.0
70	22/08/85	01:05:00	1.6167	499.71	+91.8	1000.0
71	22/08/85	01:06:00	1.6333	500.22	+91.8	1000.0
72	22/08/85	01:07:00	1.6500	500.93	+91.8	1000.0
73	22/08/85	01:08:00	1.6667	501.48	+91.8	1000.0
74	22/08/85	01:09:00	1.6833	502.07	+91.9	1000.0
75	22/08/85	01:10:00	1.7000	502.75	+91.9	1000.0
76	22/08/85	01:11:00	1.7167	503.65	+91.9	1000.0
77	22/08/85	01:12:00	1.7333	504.26	+91.9	1000.0
78	22/08/85	01:13:00	1.7500	504.88	+91.9	1000.0
79	22/08/85	01:14:00	1.7667	505.58	+91.9	1000.0
80	22/08/85	01:15:00	1.7833	506.31	+91.9	1000.0
81	22/08/85	01:29:00	2.0167	782.42	+98.9	2000.0
82	22/08/85	01:30:00	2.0333	782.94	+98.8	2000.0
83	22/08/85	01:31:00	2.0500	783.70	+98.8	2000.0
84	22/08/85	01:32:00	2.0667	784.56	+98.8	2000.0
85	22/08/85	01:33:00	2.0833	785.32	+98.8	2000.0
86	22/08/85	01:34:00	2.1000	786.24	+98.9	2000.0
87	22/08/85	01:35:00	2.1167	787.25	+98.9	2000.0
88	22/08/85	01:36:00	2.1333	788.56	+98.9	2000.0
89	22/08/85	01:37:00	2.1500	790.03	+98.9	2000.0
90	22/08/85	01:38:00	2.1667	791.42	+98.9	2000.0
91	22/08/85	01:39:00	2.1833	792.86	+98.9	2000.0
92	22/08/85	01:40:00	2.2000	794.27	+99.0	2000.0
93	22/08/85	01:41:00	2.2167	795.25	+99.0	2000.0
94	22/08/85	01:42:00	2.2333	796.62	+99.0	2000.0
95	22/08/85	01:43:00	2.2500	797.68	+99.1	2000.0
96	22/08/85	01:44:00	2.2667	798.71	+99.0	2000.0
97	22/08/85	01:45:00	2.2833	799.52	+99.0	2000.0
98	22/08/85	01:46:00	2.3000	800.18	+99.1	2000.0
99	22/08/85	01:47:00	2.3167	800.68	+99.1	2000.0
100	22/08/85	01:48:00	2.3333	801.25	+99.1	2000.0

PRESSURE vs TIME - (LINEAR) PLOT DATA

COMPANY : Moonie Oil N.L.
WELL : East Mereenie #3

Eq. Type : H.P.
Gauge # : 627
Depth : TVD

Comments : STATIC GRADIENT SURVEY .

Seq.#	Date	Time	dt	Pressure (PSIA)	Temp (Deg.F)	Depth (Feet)
101	22/08/85	01:49:00	2.3500	801.80	+99.1	2000.0
102	22/08/85	01:50:00	2.3667	802.31	+99.1	2000.0
103	22/08/85	01:51:00	2.3833	802.70	+99.2	2000.0
104	22/08/85	01:52:00	2.4000	802.97	+99.2	2000.0
105	22/08/85	01:53:00	2.4167	803.23	+99.2	2000.0
106	22/08/85	01:54:00	2.4333	803.36	+99.2	2000.0
107	22/08/85	01:55:00	2.4500	803.51	+99.2	2000.0
108	22/08/85	01:56:00	2.4667	804.09	+99.2	2000.0
109	22/08/85	01:57:00	2.4833	804.47	+99.2	2000.0
110	22/08/85	01:58:00	2.5000	804.85	+99.2	2000.0
111	22/08/85	01:59:00	2.5167	805.25	+99.2	2000.0
112	22/08/85	02:00:00	2.5333	805.65	+99.2	2000.0
113	22/08/85	02:01:00	2.5500	806.06	+99.2	2000.0
114	22/08/85	02:02:00	2.5667	806.43	+99.2	2000.0
115	22/08/85	02:03:00	2.5833	806.79	+99.2	2000.0
116	22/08/85	02:16:00	2.8000	1,074.22	+110.4	3000.0
117	22/08/85	02:17:00	2.8167	1,076.14	+110.4	3000.0
118	22/08/85	02:18:00	2.8333	1,077.59	+110.4	3000.0
119	22/08/85	02:19:00	2.8500	1,078.61	+110.4	3000.0
120	22/08/85	02:20:00	2.8667	1,080.08	+110.5	3000.0
121	22/08/85	02:21:00	2.8833	1,082.25	+110.5	3000.0
122	22/08/85	02:22:00	2.9000	1,083.97	+110.5	3000.0
123	22/08/85	02:23:00	2.9167	1,085.48	+110.6	3000.0
124	22/08/85	02:24:00	2.9333	1,086.91	+110.6	3000.0
125	22/08/85	02:25:00	2.9500	1,088.28	+110.6	3000.0
126	22/08/85	02:26:00	2.9667	1,089.62	+110.6	3000.0
127	22/08/85	02:27:00	2.9833	1,090.81	+110.7	3000.0
128	22/08/85	02:28:00	3.0000	1,091.79	+110.7	3000.0
129	22/08/85	02:29:00	3.0167	1,092.55	+110.7	3000.0
130	22/08/85	02:30:00	3.0333	1,093.13	+110.7	3000.0
131	22/08/85	02:31:00	3.0500	1,093.62	+110.8	3000.0
132	22/08/85	02:32:00	3.0667	1,094.00	+110.8	3000.0
133	22/08/85	02:33:00	3.0833	1,094.35	+110.8	3000.0
134	22/08/85	02:34:00	3.1000	1,094.55	+110.8	3000.0
135	22/08/85	02:35:00	3.1167	1,094.78	+110.8	3000.0
136	22/08/85	02:36:00	3.1333	1,095.01	+110.8	3000.0
137	22/08/85	02:37:00	3.1500	1,095.11	+110.8	3000.0
138	22/08/85	02:38:00	3.1667	1,095.14	+110.8	3000.0
139	22/08/85	02:39:00	3.1833	1,095.09	+110.8	3000.0
140	22/08/85	02:40:00	3.2000	1,095.10	+110.8	3000.0
141	22/08/85	02:41:00	3.2167	1,095.00	+110.8	3000.0
142	22/08/85	02:42:00	3.2333	1,094.98	+110.8	3000.0
143	22/08/85	02:43:00	3.2500	1,094.90	+110.8	3000.0
144	22/08/85	02:44:00	3.2667	1,094.84	+110.8	3000.0
145	22/08/85	02:45:00	3.2833	1,094.81	+110.8	3000.0
146	22/08/85	02:46:00	3.3000	1,094.87	+110.8	3000.0
147	22/08/85	02:47:00	3.3167	1,094.92	+110.8	3000.0
148	22/08/85	02:48:00	3.3333	1,094.95	+110.8	3000.0
149	22/08/85	02:49:00	3.3500	1,094.96	+110.9	3000.0
150	22/08/85	02:50:00	3.3667	1,094.96	+110.9	3000.0

PRESSURE vs TIME - (LINEAR) PLOT DATA

PAGE: 4

COMPANY : Moonie Oil N.L.
WELL : East Mereenie #3Eq. Type : H.P.
Gauge # : 627
Depth : TVD

Comments : STATIC GRADIENT SURVEY .

Seq.#	Date	Time	dt	Pressure (PSIA)	Temp (Deg.F)	Depth (Feet)
151	22/08/85	02:51:00	3.3833	1,094.95	+110.9	3000.0
152	22/08/85	02:52:00	3.4000	1,094.88	+110.9	3000.0
153	22/08/85	02:53:00	3.4167	1,094.78	+110.9	3000.0
154	22/08/85	02:54:00	3.4333	1,094.66	+110.9	3000.0
155	22/08/85	02:55:00	3.4500	1,094.50	+110.9	3000.0
156	22/08/85	02:56:00	3.4667	1,094.33	+110.9	3000.0
157	22/08/85	02:57:00	3.4833	1,094.15	+110.9	3000.0
158	22/08/85	02:58:00	3.5000	1,093.96	+110.9	3000.0
159	22/08/85	02:59:00	3.5167	1,093.81	+110.9	3000.0
160	22/08/85	03:00:00	3.5333	1,093.69	+110.9	3000.0
161	22/08/85	03:01:00	3.5500	1,093.61	+110.9	3000.0
162	22/08/85	03:02:00	3.5667	1,093.68	+110.9	3000.0
163	22/08/85	03:03:00	3.5833	1,093.74	+110.9	3000.0
164	22/08/85	03:04:00	3.6000	1,093.72	+111.0	3000.0
165	22/08/85	03:05:00	3.6167	1,093.72	+111.0	3000.0
166	22/08/85	03:06:00	3.6333	1,093.70	+111.0	3000.0
167	22/08/85	03:07:00	3.6500	1,093.64	+111.0	3000.0
168	22/08/85	03:08:00	3.6667	1,093.55	+111.0	3000.0
169	22/08/85	03:09:00	3.6833	1,093.48	+111.0	3000.0
170	22/08/85	03:10:00	3.7000	1,093.42	+111.0	3000.0
171	22/08/85	03:11:00	3.7167	1,093.37	+111.0	3000.0
172	22/08/85	03:12:00	3.7333	1,093.36	+111.0	3000.0
173	22/08/85	03:13:00	3.7500	1,093.31	+111.0	3000.0
174	22/08/85	03:14:00	3.7667	1,093.24	+111.0	3000.0
175	22/08/85	03:15:00	3.7833	1,093.15	+111.0	3000.0
176	22/08/85	03:16:00	3.8000	1,093.05	+111.0	3000.0
177	22/08/85	03:17:00	3.8167	1,092.98	+111.0	3000.0
178	22/08/85	03:18:00	3.8333	1,092.91	+111.0	3000.0
179	22/08/85	03:19:00	3.8500	1,092.83	+111.0	3000.0
180	22/08/85	03:20:00	3.8667	1,092.75	+111.0	3000.0
181	22/08/85	03:21:00	3.8833	1,092.82	+111.0	3000.0
182	22/08/85	03:22:00	3.9000	1,092.77	+111.0	3000.0
183	22/08/85	03:23:00	3.9167	1,092.75	+111.0	3000.0
184	22/08/85	03:24:00	3.9333	1,092.74	+111.0	3000.0
185	22/08/85	03:53:00	4.4167	1,381.26	+128.2	4000.0
186	22/08/85	03:54:00	4.4333	1,382.59	+128.2	4000.0
187	22/08/85	03:55:00	4.4500	1,383.67	+128.2	4000.0
188	22/08/85	03:56:00	4.4667	1,384.51	+128.2	4000.0
189	22/08/85	03:57:00	4.4833	1,385.20	+128.2	4000.0
190	22/08/85	03:58:00	4.5000	1,385.72	+128.3	4000.0
191	22/08/85	03:59:00	4.5167	1,386.09	+128.3	4000.0
192	22/08/85	04:00:00	4.5333	1,386.40	+128.3	4000.0
193	22/08/85	04:01:00	4.5500	1,386.59	+128.3	4000.0
194	22/08/85	04:02:00	4.5667	1,386.73	+128.3	4000.0
195	22/08/85	04:03:00	4.5833	1,386.82	+128.3	4000.0
196	22/08/85	04:04:00	4.6000	1,386.87	+128.3	4000.0
197	22/08/85	04:05:00	4.6167	1,386.88	+128.4	4000.0
198	22/08/85	04:06:00	4.6333	1,386.84	+128.4	4000.0
199	22/08/85	04:07:00	4.6500	1,386.78	+128.4	4000.0
200	22/08/85	04:08:00	4.6667	1,386.66	+128.4	4000.0

PRESSURE vs TIME - (LINEAR) PLOT DATA

COMPANY : Moonie Oil N.L.
WELL : East Mereenie #3

Eq. Type : H.P.
Gauge # : 627
Depth : TVD

Comments : STATIC GRADIENT SURVEY .

Seq.#	Date	Time	dt	Pressure (PSIA)	Temp (Deg.F)	Depth (Feet)
201	22/08/85	04:09:00	4.6833	1,386.54	+128.4	4000.0
202	22/08/85	04:10:00	4.7000	1,386.43	+128.4	4000.0
203	22/08/85	04:11:00	4.7167	1,386.31	+128.4	4000.0
204	22/08/85	04:12:00	4.7333	1,386.21	+128.5	4000.0
205	22/08/85	04:13:00	4.7500	1,386.08	+128.5	4000.0
206	22/08/85	04:14:00	4.7667	1,385.92	+128.5	4000.0
207	22/08/85	04:15:00	4.7833	1,385.75	+128.5	4000.0
208	22/08/85	04:16:00	4.8000	1,385.59	+128.5	4000.0
209	22/08/85	04:17:00	4.8167	1,385.43	+128.5	4000.0
210	22/08/85	04:18:00	4.8333	1,385.31	+128.5	4000.0
211	22/08/85	04:19:00	4.8500	1,385.18	+128.5	4000.0
212	22/08/85	04:20:00	4.8667	1,385.11	+128.5	4000.0
213	22/08/85	04:21:00	4.8833	1,385.06	+128.5	4000.0
214	22/08/85	04:22:00	4.9000	1,384.98	+128.5	4000.0
215	22/08/85	04:23:00	4.9167	1,384.93	+128.5	4000.0
216	22/08/85	04:24:00	4.9333	1,384.89	+128.5	4000.0
217	22/08/85	04:25:00	4.9500	1,384.84	+128.5	4000.0
218	22/08/85	04:26:00	4.9667	1,384.79	+128.5	4000.0
219	22/08/85	04:35:00	5.1167	1,439.01	+133.3	4200.0
220	22/08/85	04:36:00	5.1333	1,439.58	+133.4	4200.0
221	22/08/85	04:37:00	5.1500	1,440.08	+133.4	4200.0
222	22/08/85	04:38:00	5.1667	1,440.39	+133.4	4200.0
223	22/08/85	04:39:00	5.1833	1,440.62	+133.4	4200.0
224	22/08/85	04:40:00	5.2000	1,440.87	+133.5	4200.0
225	22/08/85	04:41:00	5.2167	1,441.06	+133.5	4200.0
226	22/08/85	04:42:00	5.2333	1,441.19	+133.5	4200.0
227	22/08/85	04:43:00	5.2500	1,441.29	+133.5	4200.0
228	22/08/85	04:44:00	5.2667	1,441.35	+133.5	4200.0
229	22/08/85	04:45:00	5.2833	1,441.31	+133.5	4200.0
230	22/08/85	04:46:00	5.3000	1,441.40	+133.6	4200.0
231	22/08/85	04:47:00	5.3167	1,441.47	+133.6	4200.0
232	22/08/85	04:48:00	5.3333	1,441.48	+133.6	4200.0
233	22/08/85	04:49:00	5.3500	1,441.47	+133.6	4200.0
234	22/08/85	04:50:00	5.3667	1,441.47	+133.6	4200.0
235	22/08/85	04:57:00	5.4833	1,495.09	+136.7	4400.0
236	22/08/85	04:58:00	5.5000	1,495.83	+136.7	4400.0
237	22/08/85	04:59:00	5.5167	1,496.36	+136.7	4400.0
238	22/08/85	05:00:00	5.5333	1,496.78	+136.7	4400.0
239	22/08/85	05:01:00	5.5500	1,497.11	+136.7	4400.0
240	22/08/85	05:02:00	5.5667	1,497.37	+136.8	4400.0
241	22/08/85	05:03:00	5.5833	1,497.64	+136.8	4400.0
242	22/08/85	05:04:00	5.6000	1,497.87	+136.8	4400.0
243	22/08/85	05:05:00	5.6167	1,498.03	+136.8	4400.0
244	22/08/85	05:06:00	5.6333	1,498.19	+136.8	4400.0
245	22/08/85	05:07:00	5.6500	1,498.29	+136.9	4400.0
246	22/08/85	05:08:00	5.6667	1,498.34	+136.9	4400.0
247	22/08/85	05:09:00	5.6833	1,498.36	+136.9	4400.0
248	22/08/85	05:10:00	5.7000	1,498.33	+136.9	4400.0
249	22/08/85	05:11:00	5.7167	1,498.30	+136.9	4400.0
250	22/08/85	05:12:00	5.7333	1,498.25	+136.9	4400.0

PRESSURE vs TIME - (LINEAR) PLOT DATA

COMPANY : Moonie Oil N.L.
WELL : East Mereenie #3

Eq. Type : H.P.
Gauge # : 627
Depth : TVD

Comments : STATIC GRADIENT SURVEY .

Seq.#	Date	Time	dt	Pressure (PSIA)	Temp (Deg.F)	Depth (Feet)
251	22/08/85	05:13:00	5.7500	1,498.18	+136.9	4400.0
252	22/08/85	05:14:00	5.7667	1,498.14	+136.9	4400.0
253	22/08/85	05:15:00	5.7833	1,498.12	+137.0	4400.0
254	22/08/85	05:16:00	5.8000	1,498.06	+136.9	4400.0
255	22/08/85	05:17:00	5.8167	1,497.95	+137.0	4400.0
256	22/08/85	05:18:00	5.8333	1,497.86	+137.0	4400.0
257	22/08/85	05:19:00	5.8500	1,497.78	+137.0	4400.0
258	22/08/85	05:20:00	5.8667	1,497.71	+137.0	4400.0
259	22/08/85	05:21:00	5.8833	1,497.66	+137.0	4400.0
260	22/08/85	05:22:00	5.9000	1,497.61	+137.0	4400.0
261	22/08/85	05:23:00	5.9167	1,497.54	+137.0	4400.0
262	22/08/85	05:24:00	5.9333	1,497.46	+137.0	4400.0
263	22/08/85	05:25:00	5.9500	1,497.41	+137.0	4400.0
264	22/08/85	05:26:00	5.9667	1,497.45	+137.0	4400.0
265	22/08/85	05:27:00	5.9833	1,497.49	+137.0	4400.0
266	22/08/85	05:28:00	6.0000	1,497.52	+137.1	4400.0
267	22/08/85	05:29:00	6.0167	1,497.53	+137.0	4400.0
268	22/08/85	05:34:00	6.1000	1,583.06	+140.3	4600.0
269	22/08/85	05:35:00	6.1167	1,583.77	+140.3	4600.0
270	22/08/85	05:36:00	6.1333	1,584.31	+140.3	4600.0
271	22/08/85	05:37:00	6.1500	1,584.70	+140.3	4600.0
272	22/08/85	05:38:00	6.1667	1,585.03	+140.3	4600.0
273	22/08/85	05:39:00	6.1833	1,585.26	+140.3	4600.0
274	22/08/85	05:40:00	6.2000	1,585.47	+140.4	4600.0
275	22/08/85	05:41:00	6.2167	1,585.63	+140.4	4600.0
276	22/08/85	05:42:00	6.2333	1,585.78	+140.4	4600.0
277	22/08/85	05:43:00	6.2500	1,585.93	+140.4	4600.0
278	22/08/85	05:44:00	6.2667	1,585.99	+140.4	4600.0
279	22/08/85	05:45:00	6.2833	1,586.05	+140.4	4600.0
280	22/08/85	05:46:00	6.3000	1,586.06	+140.4	4600.0
281	22/08/85	05:47:00	6.3167	1,586.03	+140.4	4600.0
282	22/08/85	05:48:00	6.3333	1,585.97	+140.4	4600.0
283	22/08/85	05:49:00	6.3500	1,585.89	+140.4	4600.0
284	22/08/85	05:50:00	6.3667	1,585.78	+140.4	4600.0
285	22/08/85	05:51:00	6.3833	1,585.67	+140.4	4600.0
286	22/08/85	05:52:00	6.4000	1,585.50	+140.4	4600.0
287	22/08/85	05:53:00	6.4167	1,585.36	+140.4	4600.0
288	22/08/85	05:54:00	6.4333	1,585.23	+140.4	4600.0
289	22/08/85	05:55:00	6.4500	1,585.11	+140.4	4600.0
290	22/08/85	05:56:00	6.4667	1,585.02	+140.4	4600.0
291	22/08/85	05:57:00	6.4833	1,584.92	+140.4	4600.0
292	22/08/85	05:58:00	6.5000	1,584.83	+140.4	4600.0
293	22/08/85	05:59:00	6.5167	1,584.72	+140.4	4600.0
294	22/08/85	06:00:00	6.5333	1,584.62	+140.4	4600.0
295	22/08/85	06:05:00	6.6167	1,675.68	+145.7	4800.0
296	22/08/85	06:06:00	6.6333	1,676.65	+145.7	4800.0
297	22/08/85	06:07:00	6.6500	1,677.30	+145.7	4800.0
298	22/08/85	06:08:00	6.6667	1,677.73	+145.7	4800.0
299	22/08/85	06:09:00	6.6833	1,678.01	+145.7	4800.0
300	22/08/85	06:10:00	6.7000	1,678.20	+145.7	4800.0

PRESSURE vs TIME - (LINEAR) PLOT DATA

COMPANY : Moonie Oil N.L.
WELL : East Mereenie #3

Eq. Type : H.P.
Gauge # : 627
Depth : TVD

Comments : STATIC GRADIENT SURVEY .

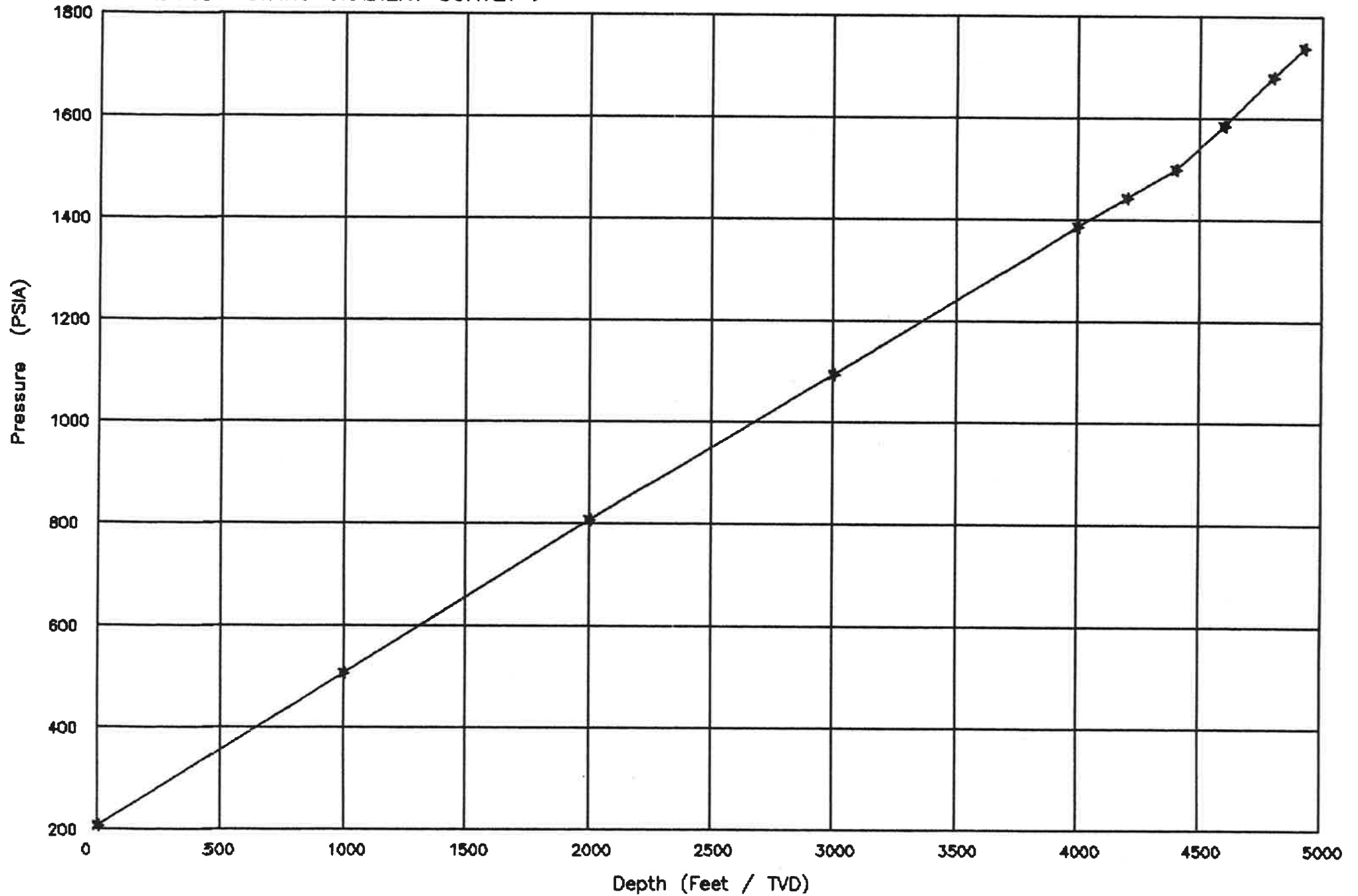
Seq.#	Date	Time	dt	Pressure (PSIA)	Temp (Deg.F)	Depth (Feet)
301	22/08/85	06:11:00	6.7167	1,678.29	+145.7	4800.0
302	22/08/85	06:12:00	6.7333	1,678.43	+145.7	4800.0
303	22/08/85	06:13:00	6.7500	1,678.51	+145.8	4800.0
304	22/08/85	06:14:00	6.7667	1,678.58	+145.8	4800.0
305	22/08/85	06:15:00	6.7833	1,678.64	+145.8	4800.0
306	22/08/85	06:16:00	6.8000	1,678.66	+145.8	4800.0
307	22/08/85	06:17:00	6.8167	1,678.66	+145.8	4800.0
308	22/08/85	06:18:00	6.8333	1,678.64	+145.8	4800.0
309	22/08/85	06:19:00	6.8500	1,678.61	+145.8	4800.0
310	22/08/85	06:20:00	6.8667	1,678.61	+145.8	4800.0
311	22/08/85	06:24:00	6.9333	1,738.53	+147.7	4927.2
312	22/08/85	06:25:00	6.9500	1,739.04	+147.8	4927.2
313	22/08/85	06:26:00	6.9667	1,739.29	+147.8	4927.2
314	22/08/85	06:27:00	6.9833	1,739.45	+147.8	4927.2
315	22/08/85	06:28:00	7.0000	1,739.50	+147.8	4927.2
316	22/08/85	06:29:00	7.0167	1,739.52	+147.8	4927.2
317	22/08/85	06:30:00	7.0333	1,739.52	+147.8	4927.2
318	22/08/85	06:31:00	7.0500	1,739.56	+147.8	4927.2
319	22/08/85	06:32:00	7.0667	1,739.62	+147.8	4927.2
320	22/08/85	06:33:00	7.0833	1,739.65	+147.8	4927.2
321	22/08/85	06:34:00	7.1000	1,739.69	+147.9	4927.2
322	22/08/85	06:35:00	7.1167	1,739.65	+147.9	4927.2
323	22/08/85	06:36:00	7.1333	1,739.59	+147.9	4927.2
324	22/08/85	06:37:00	7.1500	1,739.51	+147.9	4927.2
325	22/08/85	06:38:00	7.1667	1,739.40	+147.9	4927.2
326	22/08/85	06:39:00	7.1833	1,739.32	+147.9	4927.2
327	22/08/85	06:40:00	7.2000	1,739.22	+147.9	4927.2
328	22/08/85	06:41:00	7.2167	1,739.17	+147.9	4927.2
329	22/08/85	06:42:00	7.2333	1,739.12	+147.9	4927.2
330	22/08/85	06:43:00	7.2500	1,739.08	+147.9	4927.2
331	22/08/85	06:44:00	7.2667	1,739.06	+147.9	4927.2
332	22/08/85	06:45:00	7.2833	1,739.04	+147.9	4927.2
333	22/08/85	06:46:00	7.3000	1,739.03	+147.9	4927.2
334	22/08/85	06:47:00	7.3167	1,738.99	+147.9	4927.2
335	22/08/85	06:48:00	7.3333	1,738.93	+147.9	4927.2
336	22/08/85	06:49:00	7.3500	1,738.85	+147.9	4927.2
337	22/08/85	06:50:00	7.3667	1,738.74	+147.9	4927.2
338	22/08/85	06:51:00	7.3833	1,738.62	+147.9	4927.2
339	22/08/85	06:52:00	7.4000	1,738.48	+147.9	4927.2
340	22/08/85	06:53:00	7.4167	1,738.36	+147.9	4927.2
341	22/08/85	06:54:00	7.4333	1,738.31	+147.9	4927.2
342	22/08/85	06:55:00	7.4500	1,738.26	+147.9	4927.2
343	22/08/85	06:56:00	7.4667	1,738.22	+147.9	4927.2
344	22/08/85	06:57:00	7.4833	1,738.16	+147.9	4927.2
345	22/08/85	06:58:00	7.5000	1,738.12	+147.9	4927.2
346	22/08/85	06:59:00	7.5167	1,738.06	+147.9	4927.2
347	22/08/85	07:00:00	7.5333	1,737.99	+147.9	4927.2
348	22/08/85	07:01:00	7.5500	1,737.92	+147.9	4927.2
349	22/08/85	07:02:00	7.5667	1,737.90	+147.9	4927.2
350	22/08/85	07:03:00	7.5833	1,737.90	+147.9	4927.2

STATIC GRADIENT

COMPANY : MOONIE OIL N.L.
WELL : EAST MEREENIE # 3
Comments : STATIC GRADIENT SURVEY .

Eq. Type: H.P.
Gauge No: 627

From : 00:03:00 22/08/85
To : 07:03:00 22/08/85



STATIC GRADIENT - PLOT DATA

PAGE: 1

COMPANY : MOONIE OIL N.L.
WELL : EAST MEREENIE # 3

Eq. Type : H.P.
Gauge # : 627
Depth : TVD

Comments : STATIC GRADIENT SURVEY .

Seq.#	Date	Time	Temp (Deg.F)	Depth (Feet)	Pressure (PSIA)	Gradient (PSIA/Feet)
1	22/08/85	00:03:00	+51.20	0.0	205.78	.000
2	22/08/85	01:15:00	+91.90	1,000.0	506.31	.301
3	22/08/85	02:03:00	+99.20	2,000.0	806.79	.300
4	22/08/85	03:24:00	+111.00	3,000.0	1,092.74	.286
5	22/08/85	04:26:00	+128.50	4,000.0	1,384.79	.292
6	22/08/85	04:50:00	+133.60	4,200.0	1,441.47	.283
7	22/08/85	05:29:00	+137.00	4,400.0	1,497.53	.280
8	22/08/85	06:00:00	+140.40	4,600.0	1,584.62	.435
9	22/08/85	06:20:00	+145.80	4,800.0	1,678.61	.470
10	22/08/85	07:03:00	+147.90	4,927.2	1,737.90	.466