

OILMIN N. L
EAST MEREENIE #4

23rd APRIL 1983



ONSHORE

DEPT. OF MINES & ENERGY
DO NOT REMOVE



P01106

**NORTHERN TERRITORY
GEOLOGICAL SURVEY**



OILMIN N.L.

EAST MEREENIE #4

H.P. SURVEY REPORT.

April 22nd. 1983,

0830 hrs.	Move to wellsite & start rigging up.
1100 hrs.	Rigged up over well.
1230 hrs.	Test surface panels, tool power supply not working.
1330 hrs.	Finish rigging up.
1400 hrs.	Awaiting call to Adelaide for technical advice.
1740 hrs.	Panel now working, problem being insufficient grounding of P.C. board.
1745 hrs.	R.I.H.
1830 hrs.	Correlate.
1900 hrs.	Begin logging @ 4700 ft.
1940 hrs.	P.O.O.H.
1941 hrs.	Hang @ 4609 ft.
2044 hrs.	P.O.O.H.
2052 hrs.	Hang @ 4400 ft.
2151 hrs.	P.O.O.H.
2153 hrs.	Hang @ 4200 ft.
2309 hrs.	P.O.O.H.
2312 hrs.	Hang @ 4000 ft.

April 23rd. 1983,

0048 hrs.	P.O.O.H.
0058 hrs.	Hang @ 3000 ft.
0145 hrs.	P.O.O.H.
0150 hrs.	Hang @ 2000 ft.
0300 hrs.	P.O.O.H.
0310 hrs.	Hang @ 1000 ft.
0427 hrs.	P.O.O.H.
0435 hrs.	Hang in lubricator.
0540 hrs.	Rig down.
0900 hrs.	Rigged down & mover off lease.



M0780361

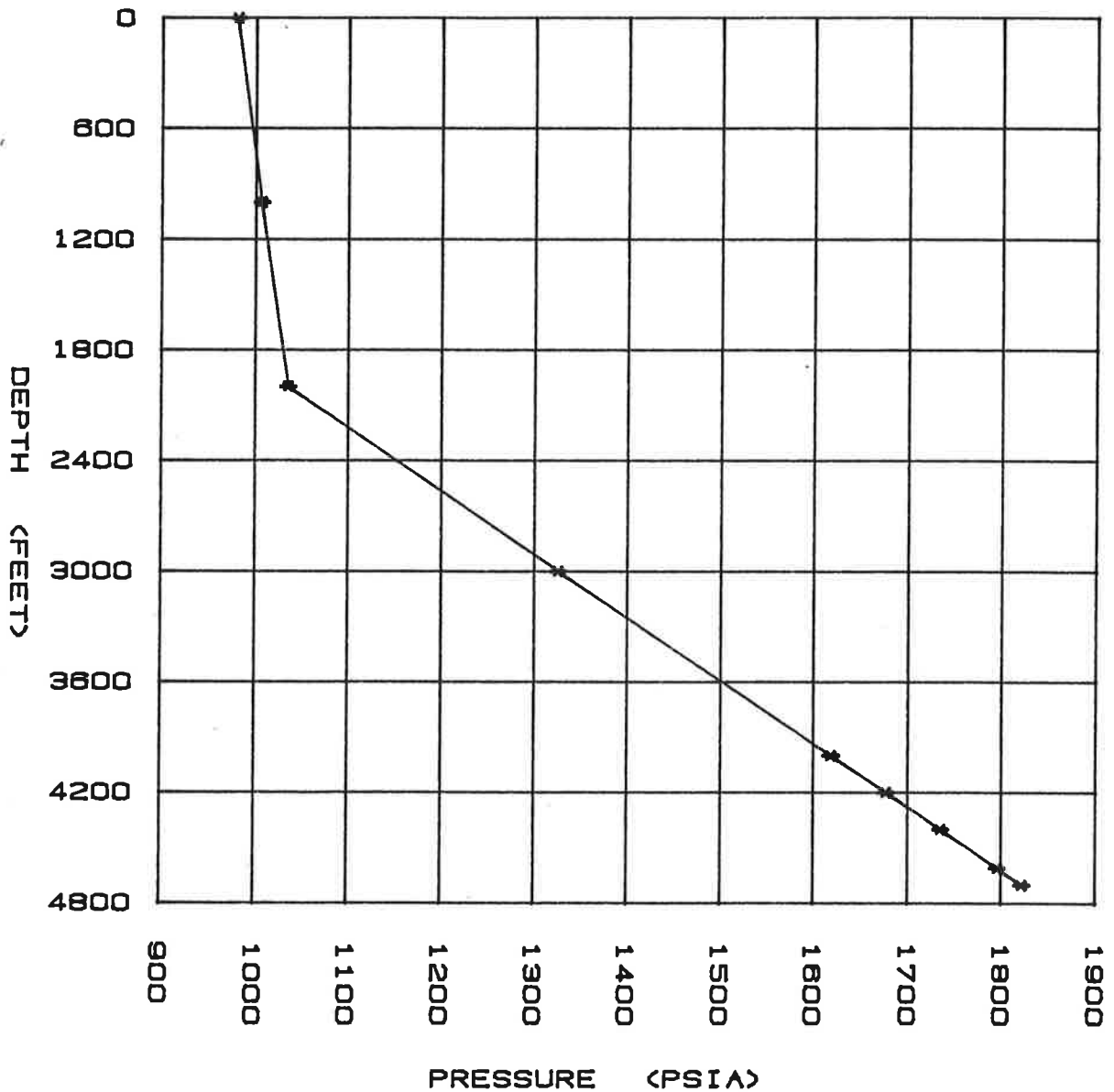
GEARHART PTY. LTD. - STATIC GRADIENT

OILMIN N.L

EAST MEREENIE #4

23/04/83

H. P. GAUGE No. 627



DEPTH (MEAS.) FT	PRESSURE (PSIA)	GRADIENT (PSI/FT)
0.0	980.00	
1000.0	1006.54	.027
2000.0	1035.83	.029
3000.0	1325.93	.290
4000.0	1618.76	.293
4200.0	1676.96	.291
4400.0	1735.09	.291
4609.0	1795.86	.291
4700.0	1822.42	.292



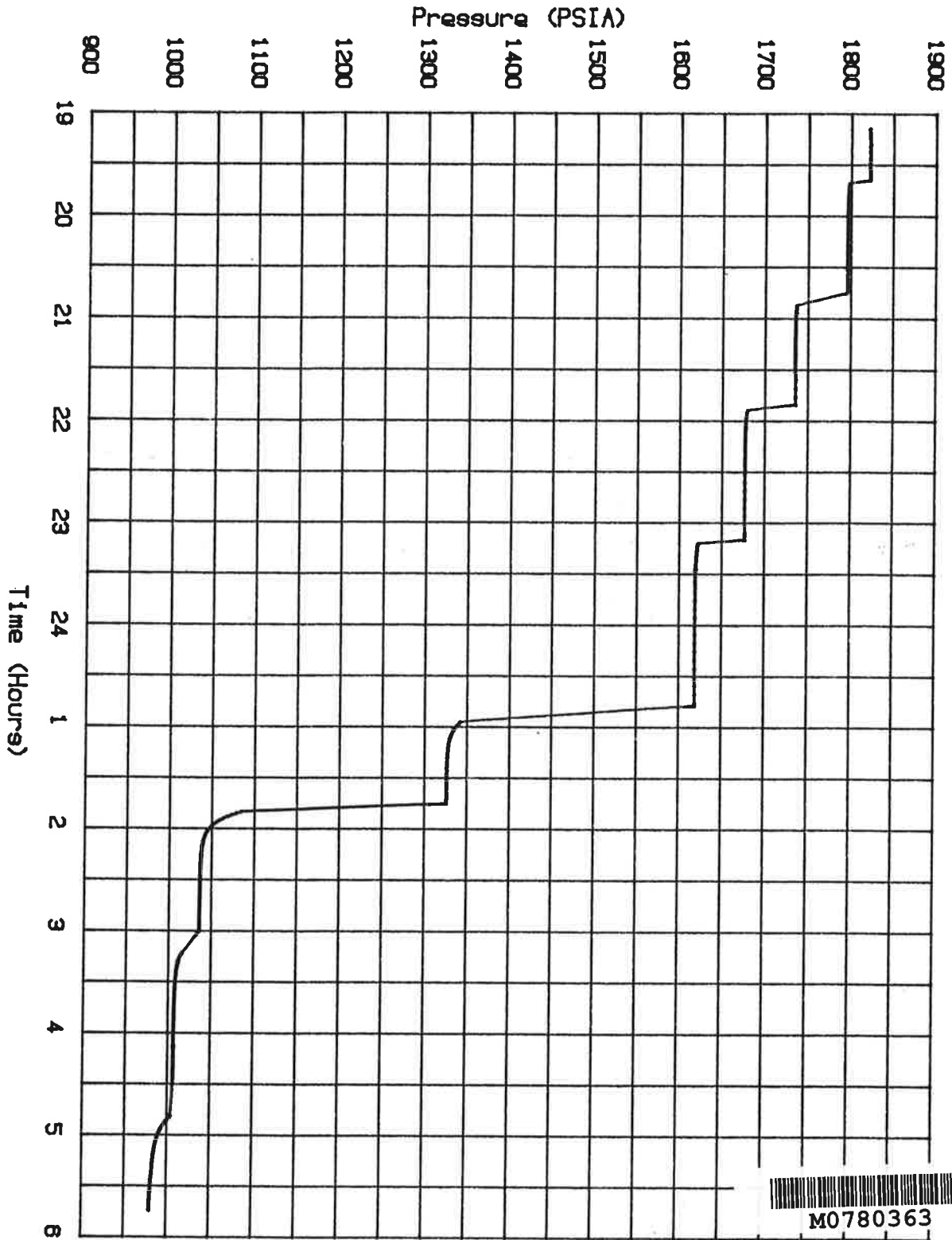
GEARHART PTY. LTD. - LINEAR PRESSURE PLOT

OILMIN N.L. EAST MEREENIE #4 22/04/83

H. P. STATIC GRADIENTS

Plotted from: 19:08:46 on 22/04/83

to: 05:44:00 on 23/04/83 (Approx. 10 hrs.)



M0780363

LINEAR PRESSURE PLOT DATA

22/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
1	19:08:46	1821.66	144.7
2	19:09:41	1821.81	144.7
3	19:10:41	1821.94	144.7
4	19:11:41	1822.04	144.7
5	19:12:41	1822.12	144.7
6	19:13:41	1822.18	144.7
7	19:14:41	1822.23	144.7
8	19:15:41	1822.29	144.7
9	19:16:41	1822.34	144.7
10	19:17:41	1822.36	144.7
11	19:18:41	1822.38	144.7
12	19:19:41	1822.39	144.7
13	19:20:41	1822.41	144.7
14	19:21:41	1822.43	144.7
15	19:22:41	1822.43	144.7
16	19:23:41	1822.44	144.7
17	19:24:41	1822.44	144.7
18	19:25:41	1822.44	144.7
19	19:26:41	1822.45	144.7
20	19:27:41	1822.45	144.7
21	19:28:41	1822.45	144.7
22	19:29:41	1822.45	144.7
23	19:30:41	1822.44	144.7
24	19:31:41	1822.44	144.7
25	19:32:41	1822.43	144.7
26	19:33:41	1822.43	144.7
27	19:34:41	1822.43	144.7
28	19:35:41	1822.43	144.7
29	19:36:41	1822.43	144.7
30	19:37:41	1822.42	144.7
31	19:38:41	1822.42	144.7
32	19:40:50	1797.55	142.9
33	19:41:50	1797.32	142.9
34	19:42:50	1797.10	142.9
35	19:43:50	1796.89	142.9
36	19:44:41	1796.74	142.9
37	19:45:41	1796.64	142.9
38	19:46:41	1796.55	142.9
39	19:47:41	1796.47	142.9
40	19:48:41	1796.42	142.9
41	19:49:41	1796.35	142.9
42	19:50:41	1796.29	142.9
43	19:51:41	1796.24	142.9
44	19:52:41	1796.20	142.9
45	19:53:41	1796.15	142.9
46	19:54:41	1796.11	142.9
47	19:55:41	1796.10	142.9
48	19:56:41	1796.07	142.9
49	19:57:41	1796.05	142.9
50	19:58:41	1796.04	142.9



M0780364

LINEAR PRESSURE PLOT DATA

22/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
51	19:59:41	1796.01	142.9
52	20:00:41	1796.01	142.9
53	20:01:41	1796.00	142.9
54	20:02:41	1795.99	142.9
55	20:03:41	1795.98	142.9
56	20:04:41	1795.98	142.9
57	20:05:41	1795.97	142.9
58	20:06:41	1795.96	142.9
59	20:07:41	1795.95	142.9
60	20:08:41	1795.95	142.9
61	20:09:41	1795.95	142.9
62	20:10:41	1795.93	142.9
63	20:11:41	1795.93	142.9
64	20:12:41	1795.92	142.9
65	20:13:41	1795.92	142.9
66	20:14:41	1795.91	142.9
67	20:15:41	1795.91	142.9
68	20:16:41	1795.91	142.9
69	20:17:41	1795.91	142.9
70	20:18:41	1795.92	142.9
71	20:19:41	1795.90	142.9
72	20:20:41	1795.93	142.9
73	20:21:41	1795.91	142.9
74	20:22:41	1795.89	142.9
75	20:23:41	1795.88	142.9
76	20:24:41	1795.89	142.9
77	20:25:41	1795.90	142.9
78	20:26:41	1795.90	142.9
79	20:27:41	1795.89	142.9
80	20:28:41	1795.89	142.9
81	20:29:41	1795.87	142.9
82	20:30:41	1795.87	142.9
83	20:31:41	1795.85	142.9
84	20:32:41	1795.85	142.9
85	20:33:41	1795.85	142.9
86	20:34:41	1795.86	142.9
87	20:35:41	1795.88	142.9
88	20:36:41	1795.88	142.9
89	20:37:41	1795.88	142.9
90	20:38:41	1795.87	142.9
91	20:39:41	1795.87	142.9
92	20:40:41	1795.85	142.9
93	20:41:41	1795.86	142.9
94	20:42:41	1795.85	142.9
95	20:43:41	1795.86	142.9
96	20:44:41	1795.86	142.9
97	20:52:15	1735.96	140.5
98	20:53:15	1735.86	140.5
99	20:54:15	1735.76	140.5
100	20:55:15	1735.68	140.5



M0780365

LINEAR PRESSURE PLOT DATA

22/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
101	20:56:15	1735.60	140.5
102	20:57:15	1735.53	140.5
103	20:58:15	1735.47	140.5
104	20:59:15	1735.42	140.5
105	21:00:15	1735.38	140.5
106	21:01:15	1735.34	140.5
107	21:02:15	1735.31	140.5
108	21:03:15	1735.28	140.5
109	21:04:15	1735.25	140.5
110	21:05:15	1735.23	140.5
111	21:06:15	1735.22	140.5
112	21:07:15	1735.20	140.5
113	21:08:15	1735.19	140.5
114	21:09:15	1735.17	140.5
115	21:10:15	1735.16	140.5
116	21:11:15	1735.16	140.5
117	21:12:15	1735.15	140.5
118	21:13:15	1735.14	140.5
119	21:14:15	1735.14	140.5
120	21:15:15	1735.13	140.5
121	21:16:15	1735.13	140.5
122	21:17:15	1735.12	140.5
123	21:18:15	1735.12	140.5
124	21:19:15	1735.12	140.5
125	21:20:15	1735.12	140.5
126	21:21:15	1735.12	140.5
127	21:22:15	1735.11	140.5
128	21:23:15	1735.11	140.5
129	21:24:15	1735.11	140.5
130	21:25:15	1735.11	140.5
131	21:26:15	1735.11	140.5
132	21:27:15	1735.11	140.5
133	21:28:15	1735.11	140.5
134	21:29:15	1735.11	140.5
135	21:30:15	1735.11	140.5
136	21:35:15	1735.10	140.5
137	21:40:15	1735.10	140.5
138	21:45:15	1735.09	140.5
139	21:50:15	1735.09	140.5
140	21:53:42	1679.51	138.5
141	21:54:42	1678.80	138.5
142	21:55:42	1678.50	138.5
143	21:56:42	1678.30	138.5
144	21:57:42	1678.14	138.5
145	21:58:42	1678.01	138.5
146	21:59:42	1677.87	138.5
147	22:00:42	1677.77	138.5
148	22:01:42	1677.67	138.5
149	22:02:42	1677.57	138.5
150	22:03:42	1677.50	138.5



M0780366

LINEAR PRESSURE PLOT DATA

22/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
151	22:04:42	1677.42	138.5
152	22:05:42	1677.36	138.5
153	22:06:42	1677.31	138.5
154	22:07:42	1677.26	138.5
155	22:08:42	1677.22	138.5
156	22:09:42	1677.19	138.5
157	22:10:42	1677.15	138.5
158	22:11:42	1677.12	138.5
159	22:12:42	1677.10	138.5
160	22:13:42	1677.08	138.5
161	22:14:42	1677.06	138.5
162	22:15:42	1677.05	138.5
163	22:16:42	1677.04	138.5
164	22:17:42	1677.02	138.5
165	22:18:42	1677.02	138.5
166	22:19:42	1677.01	138.5
167	22:20:42	1677.00	138.5
168	22:21:42	1676.99	138.5
169	22:22:42	1676.98	138.5
170	22:23:42	1676.98	138.5
171	22:24:42	1676.97	138.5
172	22:25:42	1676.97	138.5
173	22:26:42	1676.97	138.5
174	22:27:42	1676.97	138.5
175	22:28:42	1676.97	138.5
176	22:29:42	1676.97	138.5
177	22:30:42	1676.96	138.5
178	22:35:42	1676.96	138.5
179	22:40:42	1676.95	138.5
180	22:45:42	1676.96	138.5
181	22:50:42	1676.96	138.5
182	22:55:42	1676.96	138.5
183	23:00:42	1676.96	138.5
184	23:05:42	1676.96	138.5
185	23:09:42	1676.96	138.5
186	23:12:00	1622.12	133.9
187	23:13:00	1621.51	133.9
188	23:14:00	1621.19	133.9
189	23:15:00	1620.95	133.9
190	23:16:00	1620.71	133.9
191	23:17:00	1620.49	133.9
192	23:18:00	1620.29	133.9
193	23:19:00	1620.11	133.9
194	23:20:00	1619.95	133.9
195	23:21:00	1619.80	133.9
196	23:22:00	1619.66	133.9
197	23:23:00	1619.54	133.9
198	23:24:00	1619.44	133.9
199	23:25:00	1619.35	133.9
200	23:26:00	1619.27	133.9



M0780367

LINEAR PRESSURE PLOT DATA

22/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
201	23:27:00	1619.25	133.9
202	23:28:00	1619.23	133.9
203	23:30:00	1619.21	133.9
204	23:32:00	1619.19	133.9
205	23:34:00	1619.18	133.9
206	23:36:00	1619.15	133.9
207	23:38:00	1619.13	133.9
208	23:40:00	1619.10	133.9
209	23:45:00	1619.07	133.9
210	23:50:00	1619.01	133.9
211	23:55:00	1618.96	133.9

23/04/83

212	00:00:00	1618.90	133.9
213	00:05:00	1618.83	133.9
214	00:10:00	1618.80	133.9
215	00:15:00	1618.78	133.9
216	00:20:00	1618.77	133.9
217	00:25:00	1618.77	133.9
218	00:30:00	1618.77	133.9
219	00:35:00	1618.76	133.9
220	00:40:00	1618.76	133.9
221	00:45:00	1618.76	133.9
222	00:47:00	1618.76	133.9
223	00:57:00	1341.85	115.6
224	00:58:00	1339.85	115.6
225	00:59:00	1337.91	115.6
226	01:00:00	1336.22	115.6
227	01:01:00	1334.76	115.6
228	01:02:00	1333.50	115.6
229	01:03:00	1332.39	115.6
230	01:04:00	1331.44	115.6
231	01:05:00	1330.75	115.6
232	01:06:00	1329.95	115.6
233	01:07:00	1329.37	115.6
234	01:08:00	1328.87	115.6
235	01:09:00	1328.45	115.6
236	01:10:00	1328.10	115.6
237	01:11:00	1327.79	115.6
238	01:12:00	1327.52	115.6
239	01:13:00	1327.29	115.6
240	01:14:00	1327.10	115.6
241	01:15:00	1326.93	115.6
242	01:16:00	1326.81	115.6
243	01:17:00	1326.67	115.6
244	01:18:00	1326.56	115.6
245	01:19:00	1326.47	115.6
246	01:20:00	1326.39	115.6
247	01:21:00	1326.32	115.6



M0780368

LINEAR PRESSURE PLOT DATA

23/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
248	01:22:00	1326.26	115.6
249	01:23:00	1326.21	115.6
250	01:24:00	1326.17	115.6
251	01:25:00	1326.13	115.6
252	01:26:00	1326.11	115.6
253	01:27:00	1326.08	115.6
254	01:28:00	1326.06	115.6
255	01:29:00	1326.03	115.6
256	01:30:00	1326.02	115.6
257	01:31:00	1326.01	115.6
258	01:32:00	1326.00	115.6
259	01:33:00	1325.99	115.6
260	01:34:00	1325.98	115.6
261	01:35:00	1325.97	115.6
262	01:36:00	1325.96	115.6
263	01:37:00	1325.95	115.6
264	01:38:00	1325.95	115.6
265	01:39:00	1325.94	115.6
266	01:40:00	1325.93	115.6
267	01:41:00	1325.93	115.6
268	01:42:00	1325.93	115.6
269	01:43:00	1325.93	115.6
270	01:44:00	1325.93	115.6
271	01:45:00	1325.93	115.6
272	01:50:00	1084.86	94.1
273	01:51:00	1078.99	94.1
274	01:52:00	1072.99	94.1
275	01:53:00	1067.66	94.1
276	01:54:00	1063.13	94.1
277	01:55:00	1059.14	94.1
278	01:56:00	1055.75	94.1
279	01:57:00	1052.86	94.1
280	01:58:00	1050.42	94.1
281	01:59:00	1048.37	94.1
282	02:00:00	1046.62	94.1
283	02:01:00	1045.15	94.1
284	02:02:00	1043.90	94.1
285	02:03:00	1042.83	94.1
286	02:04:00	1041.92	94.1
287	02:05:00	1041.16	94.1
288	02:06:00	1040.51	94.1
289	02:07:00	1039.95	94.1
290	02:08:00	1039.47	94.1
291	02:09:00	1039.06	94.1
292	02:10:00	1038.71	94.1
293	02:11:00	1038.40	94.1
294	02:12:00	1038.14	94.1
295	02:13:00	1037.91	94.1
296	02:14:00	1037.71	94.1
297	02:15:00	1037.54	94.1



M0780369

LINEAR PRESSURE PLOT DATA

23/04/83

OILMIN N.L.

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
298	02:16:00	1037.38	94.1
299	02:17:00	1037.25	94.1
300	02:18:00	1037.13	94.1
301	02:19:00	1037.02	94.1
302	02:20:00	1036.92	94.1
303	02:21:00	1036.84	94.1
304	02:22:00	1036.76	94.1
305	02:23:00	1036.69	94.1
306	02:24:00	1036.63	94.1
307	02:25:00	1036.57	94.1
308	02:26:00	1036.52	94.1
309	02:27:00	1036.47	94.1
310	02:28:00	1036.42	94.1
311	02:29:00	1036.38	94.1
312	02:30:00	1036.34	94.1
313	02:31:00	1036.31	94.1
314	02:32:00	1036.27	94.1
315	02:33:00	1036.24	94.1
316	02:34:00	1036.21	94.1
317	02:35:00	1036.18	94.1
318	02:36:00	1036.16	94.1
319	02:37:00	1036.13	94.1
320	02:38:00	1036.11	94.1
321	02:39:00	1036.09	94.1
322	02:40:00	1036.07	94.1
323	02:41:00	1036.05	94.1
324	02:42:00	1036.03	94.1
325	02:43:00	1036.01	94.1
326	02:44:00	1036.00	94.1
327	02:45:00	1035.98	94.1
328	02:46:00	1035.97	94.1
329	02:47:00	1035.95	94.1
330	02:48:00	1035.94	94.1
331	02:49:00	1035.92	94.1
332	02:50:00	1035.91	94.1
333	02:51:00	1035.90	94.1
334	02:52:00	1035.89	94.1
335	02:53:00	1035.88	94.1
336	02:54:00	1035.87	94.1
337	02:55:00	1035.86	94.1
338	02:56:00	1035.85	94.1
339	02:57:00	1035.84	94.1
340	02:58:00	1035.83	94.1
341	02:59:00	1035.83	94.1
342	03:00:00	1035.83	94.1
343	03:13:00	1015.89	84.9
344	03:14:00	1014.92	84.9
345	03:15:00	1013.80	84.9
346	03:16:00	1012.95	84.9
347	03:17:00	1012.23	84.9



M0780370

LINEAR PRESSURE PLOT DATA

23/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
348	03:18:00	1011.62	84.9
349	03:19:00	1011.08	84.9
350	03:20:00	1010.60	84.9
351	03:21:00	1010.19	84.9
352	03:22:00	1009.82	84.9
353	03:23:00	1009.50	84.9
354	03:24:00	1009.22	84.9
355	03:25:00	1008.97	84.9
356	03:26:00	1008.75	84.9
357	03:27:00	1008.56	84.9
358	03:28:00	1008.39	84.9
359	03:29:00	1008.24	84.9
360	03:30:00	1008.10	84.9
361	03:31:00	1007.99	84.9
362	03:32:00	1007.87	84.9
363	03:33:00	1007.77	84.9
364	03:34:00	1007.68	84.9
365	03:35:00	1007.59	84.9
366	03:36:00	1007.52	84.9
367	03:37:00	1007.45	84.9
368	03:38:00	1007.38	84.9
369	03:39:00	1007.32	84.9
370	03:40:00	1007.27	84.9
371	03:41:00	1007.22	84.9
372	03:42:00	1007.17	84.9
373	03:43:00	1007.12	84.9
374	03:44:00	1007.08	84.9
375	03:45:00	1007.05	84.9
376	03:46:00	1007.01	84.9
377	03:47:00	1006.98	84.9
378	03:48:00	1006.95	84.9
379	03:49:00	1006.92	84.9
380	03:50:00	1006.90	84.9
381	03:51:00	1006.87	84.9
382	03:52:00	1006.85	84.9
383	03:53:00	1006.83	84.9
384	03:54:00	1006.81	84.9
385	03:55:00	1006.80	84.9
386	03:56:00	1006.78	84.9
387	03:57:00	1006.76	84.9
388	03:58:00	1006.75	84.9
389	03:59:00	1006.73	84.9
390	04:00:00	1006.72	84.9
391	04:01:00	1006.70	84.9
392	04:02:00	1006.70	84.9
393	04:03:00	1006.69	84.9
394	04:04:00	1006.68	84.9
395	04:05:00	1006.66	84.9
396	04:06:00	1006.66	84.9
397	04:07:00	1006.65	84.9



M0780371

LINEAR PRESSURE PLOT DATA

23/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
398	04:08:00	1006.64	84.9
399	04:09:00	1006.63	84.9
400	04:10:00	1006.62	84.9
401	04:11:00	1006.62	84.9
402	04:12:00	1006.61	84.9
403	04:13:00	1006.60	84.9
404	04:14:00	1006.60	84.9
405	04:15:00	1006.59	84.9
406	04:16:00	1006.58	84.9
407	04:17:00	1006.58	84.9
408	04:18:00	1006.58	84.9
409	04:19:00	1006.57	84.9
410	04:20:00	1006.57	84.9
411	04:21:00	1006.56	84.9
412	04:22:00	1006.56	84.9
413	04:23:00	1006.55	84.9
414	04:24:00	1006.55	84.9
415	04:25:00	1006.55	84.9
416	04:26:00	1006.54	84.9
417	04:27:00	1006.54	84.9
418	04:49:00	1003.85	60.0
419	04:50:00	1001.85	60.0
420	04:51:00	1000.01	60.0
421	04:52:00	998.37	60.0
422	04:53:00	996.85	60.0
423	04:54:00	995.46	60.0
424	04:55:00	994.23	60.0
425	04:56:00	993.11	60.0
426	04:57:00	992.10	60.0
427	04:58:00	991.20	60.0
428	04:59:00	990.35	60.0
429	05:00:00	989.57	60.0
430	05:01:00	988.87	60.0
431	05:02:00	988.23	60.0
432	05:03:00	987.67	60.0
433	05:04:00	987.15	60.0
434	05:05:00	986.68	60.0
435	05:06:00	986.26	60.0
436	05:07:00	985.87	60.0
437	05:08:00	985.51	60.0
438	05:09:00	985.17	60.0
439	05:10:00	984.87	60.0
440	05:11:00	984.57	60.0
441	05:12:00	984.30	60.0
442	05:13:00	984.04	60.0
443	05:14:00	983.80	60.0
444	05:15:00	983.57	60.0
445	05:16:00	983.37	60.0
446	05:17:00	983.19	60.0
447	05:18:00	983.01	60.0



M0780372

LINEAR PRESSURE PLOT DATA

23/04/83

OILMIN N.L

EAST MEREENIE #4

Data No.	TIME	PRESSURE	TEMP.
448	05:19:00	982.84	60.0
449	05:20:00	982.68	60.0
450	05:21:00	982.51	60.0
451	05:22:00	982.35	60.0
452	05:23:00	982.18	60.0
453	05:24:00	982.01	60.0
454	05:25:00	981.85	60.0
455	05:25:30	981.78	60.0
456	05:26:00	981.69	60.0
457	05:27:00	981.52	60.0
458	05:28:00	981.36	60.0
459	05:29:00	981.21	60.0
460	05:30:00	981.06	60.0
461	05:31:00	981.03	60.0
462	05:32:00	980.98	60.0
463	05:33:00	980.90	60.0
464	05:34:00	980.70	60.0
465	05:35:00	980.54	60.0
466	05:36:00	980.44	60.0
467	05:37:00	980.33	60.0
468	05:38:00	980.16	60.0
469	05:39:00	980.10	60.0
470	05:40:00	980.03	60.0
471	05:41:00	980.02	60.0
472	05:42:00	980.01	60.0
473	05:43:00	980.01	60.0
474	05:44:00	980.00	60.0



M0780373