

PR64-41

OILMIN N. L.
EAST MEREENIE #2

15th. June 1983



NORTHERN TERRITORY
GEOLOGICAL SURVEY

H.P. SURVEY REPORT

14th. June '83

H.P. GAUGE No. 627

TEMP. TOOL No. 74

0900 Arrive on location
 0940 Commence rigging up portable mast and D.D.L. truck
 1040 Rigged up ready to R.I.H.
 1045 Open well ~~W~~W.H.P. is 1491 psig.
 1050 H.P. tool indicated pressure is in conflict with
 electronic Dead Weight Ester.
 1132 Shut in well and bleed down lubricator.
 1140 Start testing H.P. tool
 2330 H.P. gauge working O.K.

15th. June '83

0020 Tool in lubricator.
 0025 Open well. W.H.P. is 1489 psig
 0142 R.I.H.
 0142 Hang tool at 1000 FT.
 0300 R.I.H.
 0312 Hang tool at 2000 FT.
 0410 R.I.H.
 0420 Hang tool at 3000 FT.
 0525 R.I.H.
 0533 Hang tool at 4000 FT.
 0632 R.I.H.
 0637 Hang tool at 4200 FT.
 0732 R.I.H.
 0735 Hang tool at 4300 FT.
 0834 R.I.H.
 0836 Tool stopped at 4390 FT.
 0838 P.O.O.H.
 0839 Hang tool at 4360 FT.
 1030 P.O.O.H?
 1126 Depressure lubricator, commence rigging down.

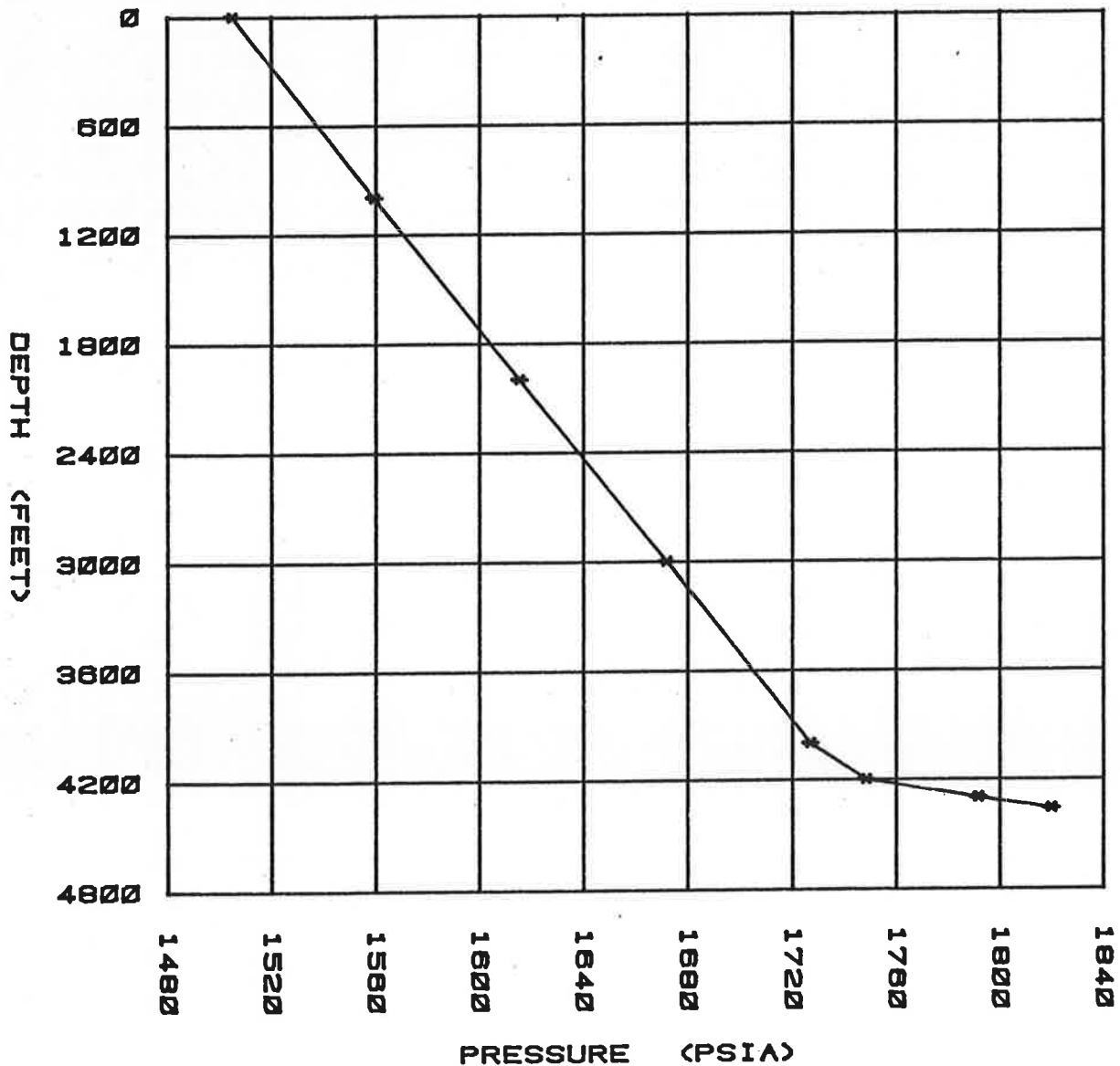
GEARHART PTY. LTD. - STATIC GRADIENT

OILMIN N.L.

EAST MEREENIE #2

15/06/83

H. P. GAUGE No. 627



DEPTH (MEAS.) FT	PRESSURE (PSIA)	GRADIENT (PSI/FT)
0.0	1504.78	
1000.0	1559.33	.055
2000.0	1615.34	.056
3000.0	1671.88	.057
4000.0	1726.89	.055
4200.0	1748.30	.107
4300.0	1791.33	.430
4360.0	1819.56	.471

A304

EXTRAP: 1743.61

GEARHART PTY. LTD. - LINEAR PRESSURE PLOT

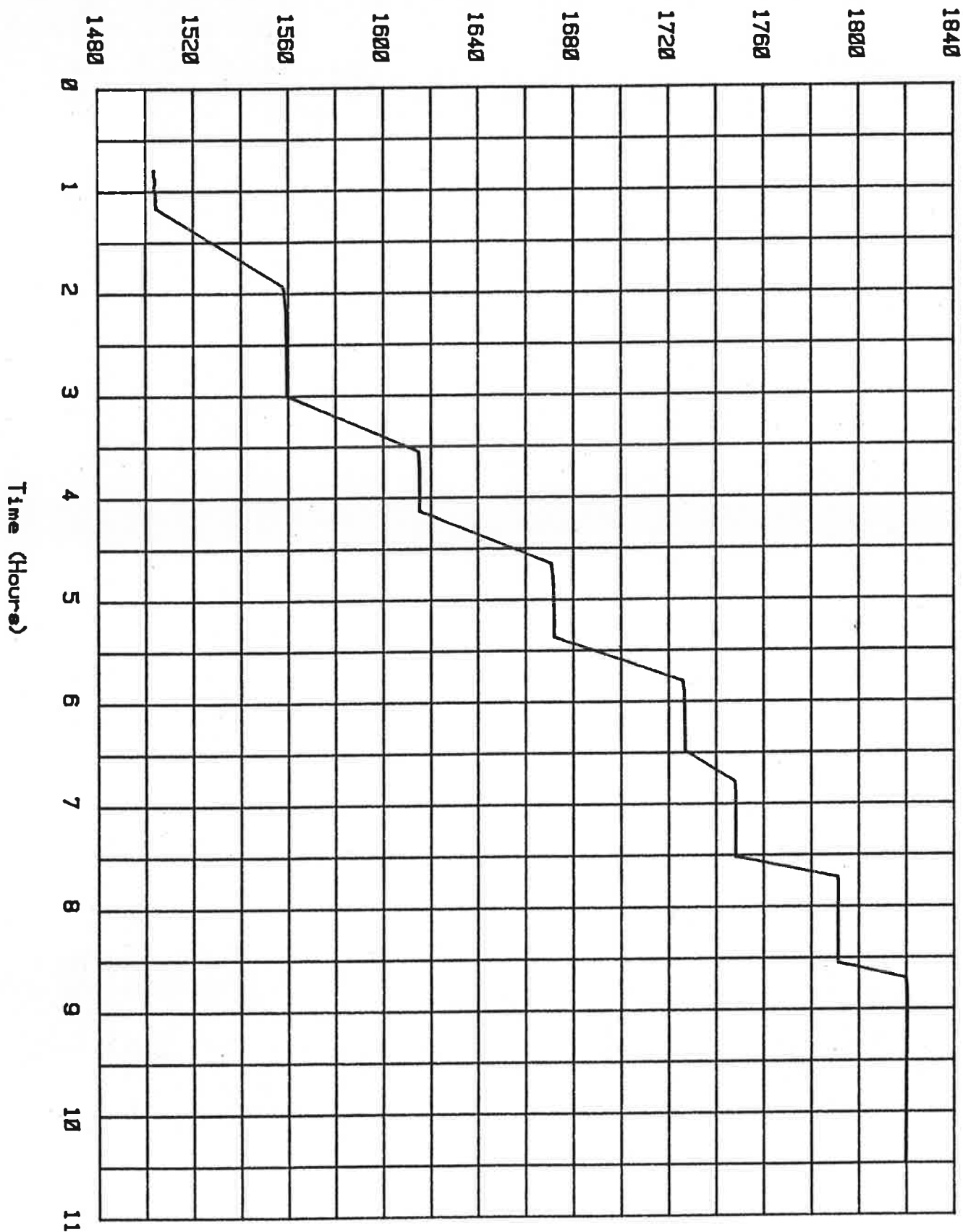
OILMIN N.L. EAST MEREENIE #2 15/06/83

STATIC GRADIENT H.P. GAUGE #627

Plotted from: 00:48:00 on 15/06/83

to: 10:30:00 on 15/06/83 (Approx. 10 hrs.)

Pressure (PSIA)



LINEAR PRESSURE PLOT DATA

15/06/83

DILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
1	00:48:00	1503.59	43.1
2	00:49:00	1503.61	43.1
3	00:50:00	1503.66	43.0
4	00:51:00	1503.61	43.0
5	00:52:00	1504.01	42.9
6	00:53:00	1504.18	42.8
7	00:54:00	1504.14	42.8
8	00:55:00	1504.17	42.8
9	00:56:00	1504.11	42.7
10	00:57:00	1503.84	42.7
11	00:58:00	1503.65	42.5
12	00:59:00	1503.72	42.5
13	01:00:00	1504.15	42.4
14	01:01:00	1504.27	42.3
15	01:02:00	1504.36	42.3
16	01:03:00	1504.39	42.3
17	01:04:00	1504.43	42.3
18	01:05:00	1504.70	42.2
19	01:06:00	1504.40	42.1
20	01:07:00	1504.29	42.1
21	01:08:00	1504.54	42.1
22	01:09:00	1504.78	42.0
23	01:10:00	1504.66	41.9
24	01:56:00	1557.81	86.8
25	01:57:00	1558.00	86.8
26	01:58:00	1558.15	86.8
27	01:59:00	1558.27	86.8
28	02:00:00	1558.34	86.8
29	02:01:00	1558.38	86.9
30	02:02:00	1558.46	86.9
31	02:03:00	1558.54	86.9
32	02:04:00	1558.60	86.9
33	02:05:00	1558.66	86.9
34	02:06:00	1558.71	86.9
35	02:07:00	1558.78	86.9
36	02:08:00	1558.82	86.9
37	02:09:00	1558.86	86.9
38	02:10:00	1558.90	86.9
39	02:11:00	1558.95	86.9
40	02:12:00	1558.98	86.9
41	02:13:00	1559.01	86.9
42	02:14:00	1559.03	86.8
43	02:15:00	1559.05	86.9
44	02:16:00	1559.07	86.9
45	02:17:00	1559.08	86.9
46	02:18:00	1559.08	86.9
47	02:19:00	1559.11	86.9
48	02:20:00	1559.11	86.8
49	02:21:00	1559.14	86.9
50	02:22:00	1559.14	86.9

LINEAR PRESSURE PLOT DATA

15/06/83

OILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
51	02:23:00	1559.15	86.9
52	02:24:00	1559.16	86.9
53	02:25:00	1559.17	86.9
54	02:26:00	1559.19	86.9
55	02:27:00	1559.19	86.9
56	02:28:00	1559.20	86.9
57	02:29:00	1559.21	86.9
58	02:30:00	1559.21	86.9
59	02:31:00	1559.21	86.9
60	02:32:00	1559.21	86.9
61	02:33:00	1559.23	86.9
62	02:34:00	1559.23	86.9
63	02:35:00	1559.23	86.9
64	02:36:00	1559.23	86.9
65	02:37:00	1559.25	86.9
66	02:38:00	1559.26	86.9
67	02:39:00	1559.25	86.9
68	02:40:00	1559.27	86.9
69	02:41:00	1559.26	86.9
70	02:42:00	1559.27	86.9
71	02:43:00	1559.27	86.9
72	02:44:00	1559.28	86.9
73	02:45:00	1559.28	86.8
74	02:46:00	1559.29	86.9
75	02:47:00	1559.30	86.9
76	02:48:00	1559.30	86.9
77	02:49:00	1559.31	86.9
78	02:50:00	1559.30	86.9
79	02:51:00	1559.33	86.9
80	02:52:00	1559.33	86.9
81	02:53:00	1559.32	86.8
82	02:54:00	1559.33	86.9
83	02:55:00	1559.32	86.8
84	02:56:00	1559.33	86.9
85	02:57:00	1559.34	86.9
86	02:58:00	1559.34	86.9
87	02:59:00	1559.34	86.9
88	03:00:00	1559.33	86.9
89	03:33:00	1614.82	92.5
90	03:34:00	1614.89	92.5
91	03:35:00	1614.95	92.6
92	03:36:00	1614.98	92.5
93	03:37:00	1615.03	92.5
94	03:38:00	1615.07	92.5
95	03:39:00	1615.10	92.6
96	03:40:00	1615.12	92.6
97	03:41:00	1615.16	92.6
98	03:42:00	1615.18	92.6
99	03:43:00	1615.21	92.6
100	03:44:00	1615.21	92.6

LINEAR PRESSURE PLOT DATA

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OILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
101	03:45:00	1615.24	92.6
102	03:46:00	1615.26	92.6
103	03:47:00	1615.26	92.6
104	03:48:00	1615.27	92.5
105	03:49:00	1615.28	92.6
106	03:50:00	1615.29	92.6
107	03:51:00	1615.30	92.6
108	03:52:00	1615.31	92.6
109	03:53:00	1615.31	92.6
110	03:54:00	1615.32	92.6
111	03:55:00	1615.33	92.6
112	03:56:00	1615.32	92.6
113	03:57:00	1615.32	92.6
114	03:58:00	1615.33	92.7
115	03:59:00	1615.33	92.6
116	04:00:00	1615.33	92.6
117	04:01:00	1615.34	92.7
118	04:02:00	1615.33	92.6
119	04:03:00	1615.31	92.6
120	04:04:00	1615.33	92.6
121	04:05:00	1615.32	92.7
122	04:06:00	1615.34	92.7
123	04:07:00	1615.33	92.6
124	04:08:00	1615.34	92.7
125	04:39:00	1670.73	113.3
126	04:40:00	1670.85	113.3
127	04:41:00	1670.98	113.3
128	04:42:00	1671.08	113.3
129	04:43:00	1671.15	113.3
130	04:44:00	1671.25	113.4
131	04:45:00	1671.33	113.3
132	04:46:00	1671.38	113.4
133	04:47:00	1671.44	113.4
134	04:48:00	1671.50	113.4
135	04:49:00	1671.54	113.5
136	04:50:00	1671.57	113.4
137	04:51:00	1671.60	113.5
138	04:52:00	1671.64	113.4
139	04:53:00	1671.68	113.5
140	04:54:00	1671.69	113.4
141	04:55:00	1671.72	113.5
142	04:56:00	1671.74	113.5
143	04:57:00	1671.77	113.5
144	04:58:00	1671.79	113.5
145	04:59:00	1671.78	113.4
146	05:00:00	1671.80	113.4
147	05:01:00	1671.83	113.5
148	05:02:00	1671.82	113.4
149	05:03:00	1671.82	113.4
150	05:04:00	1671.84	113.4

LINEAR PRESSURE PLOT DATA

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DILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
151	05:05:00	1671.86	113.4
152	05:06:00	1671.87	113.5
153	05:07:00	1671.86	113.4
154	05:08:00	1671.86	113.4
155	05:09:00	1671.89	113.5
156	05:10:00	1671.87	113.5
157	05:11:00	1671.89	113.5
158	05:12:00	1671.88	113.5
159	05:13:00	1671.87	113.5
160	05:14:00	1671.88	113.5
161	05:15:00	1671.87	113.4
162	05:16:00	1671.89	113.5
163	05:17:00	1671.89	113.5
164	05:18:00	1671.88	113.5
165	05:19:00	1671.87	113.5
166	05:20:00	1671.88	113.5
167	05:21:00	1671.89	113.5
168	05:22:00	1671.88	113.4
169	05:48:00	1725.83	131.8
170	05:49:00	1725.98	131.9
171	05:50:00	1726.09	131.9
172	05:51:00	1726.21	131.9
173	05:52:00	1726.31	132.0
174	05:53:00	1726.40	132.0
175	05:54:00	1726.44	132.0
176	05:55:00	1726.49	132.0
177	05:56:00	1726.54	132.0
178	05:57:00	1726.59	132.0
179	05:58:00	1726.63	132.0
180	05:59:00	1726.65	132.0
181	06:00:00	1726.68	132.1
182	06:01:00	1726.70	132.1
183	06:02:00	1726.73	132.1
184	06:03:00	1726.74	132.1
185	06:04:00	1726.75	132.1
186	06:05:00	1726.76	132.1
187	06:06:00	1726.78	132.1
188	06:07:00	1726.79	132.2
189	06:08:00	1726.80	132.1
190	06:09:00	1726.82	132.2
191	06:10:00	1726.82	132.1
192	06:11:00	1726.82	132.2
193	06:12:00	1726.82	132.2
194	06:13:00	1726.84	132.2
195	06:14:00	1726.84	132.2
196	06:15:00	1726.84	132.2
197	06:16:00	1726.85	132.2
198	06:17:00	1726.88	132.2
199	06:18:00	1726.86	132.2
200	06:19:00	1726.88	132.3

LINEAR PRESSURE PLOT DATA

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OILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
201	06:20:00	1726.90	132.3
202	06:21:00	1726.90	132.3
203	06:22:00	1726.88	132.3
204	06:23:00	1726.89	132.3
205	06:24:00	1726.90	132.3
206	06:25:00	1726.89	132.3
207	06:26:00	1726.90	132.3
208	06:27:00	1726.89	132.4
209	06:28:00	1726.90	132.4
210	06:29:00	1726.90	132.3
211	06:47:00	1747.85	136.9
212	06:48:00	1747.94	137.0
213	06:49:00	1748.01	137.0
214	06:50:00	1748.06	136.9
215	06:51:00	1748.12	137.0
216	06:52:00	1748.16	137.0
217	06:53:00	1748.20	137.0
218	06:54:00	1748.22	137.0
219	06:55:00	1748.24	137.0
220	06:56:00	1748.25	137.0
221	06:57:00	1748.25	137.0
222	06:58:00	1748.26	137.0
223	06:59:00	1748.28	137.0
224	07:00:00	1748.29	137.0
225	07:01:00	1748.30	137.0
226	07:02:00	1748.30	137.1
227	07:03:00	1748.32	137.0
228	07:04:00	1748.32	137.0
229	07:05:00	1748.32	137.0
230	07:06:00	1748.32	137.0
231	07:07:00	1748.29	137.0
232	07:08:00	1748.28	137.0
233	07:09:00	1748.30	137.0
234	07:10:00	1748.30	137.0
235	07:11:00	1748.30	137.0
236	07:12:00	1748.30	137.0
237	07:13:00	1748.30	137.0
238	07:14:00	1748.29	137.1
239	07:15:00	1748.29	137.0
240	07:16:00	1748.30	137.0
241	07:17:00	1748.29	137.0
242	07:18:00	1748.30	137.0
243	07:19:00	1748.31	137.1
244	07:20:00	1748.30	137.0
245	07:21:00	1748.29	137.1
246	07:22:00	1748.28	137.0
247	07:23:00	1748.29	137.1
248	07:24:00	1748.28	137.0
249	07:25:00	1748.28	137.0
250	07:26:00	1748.28	137.1

LINEAR PRESSURE PLOT DATA

15/06/83

DILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
251	07:27:00	1748.29	137.0
252	07:28:00	1748.29	137.0
253	07:29:00	1748.28	137.0
254	07:30:00	1748.30	137.0
255	07:31:00	1748.31	137.1
256	07:43:00	1791.04	138.9
257	07:44:00	1791.10	138.9
258	07:45:00	1791.14	138.9
259	07:46:00	1791.18	138.9
260	07:47:00	1791.18	138.9
261	07:48:00	1791.22	138.9
262	07:49:00	1791.23	139.0
263	07:50:00	1791.24	138.9
264	07:51:00	1791.24	138.9
265	07:52:00	1791.26	139.0
266	07:53:00	1791.27	139.0
267	07:54:00	1791.26	139.0
268	07:55:00	1791.27	139.0
269	07:56:00	1791.26	139.0
270	07:57:00	1791.27	139.0
271	07:58:00	1791.28	139.0
272	07:59:00	1791.28	139.0
273	08:00:00	1791.27	139.0
274	08:01:00	1791.27	139.0
275	08:02:00	1791.29	139.1
276	08:03:00	1791.29	139.1
277	08:04:00	1791.28	139.0
278	08:05:00	1791.27	139.0
279	08:06:00	1791.28	139.0
280	08:07:00	1791.28	139.0
281	08:08:00	1791.29	139.1
282	08:09:00	1791.29	139.1
283	08:10:00	1791.29	139.1
284	08:11:00	1791.29	139.1
285	08:12:00	1791.28	139.0
286	08:13:00	1791.29	139.0
287	08:14:00	1791.30	139.0
288	08:15:00	1791.29	139.0
289	08:16:00	1791.30	139.0
290	08:17:00	1791.31	139.1
291	08:18:00	1791.32	139.1
292	08:19:00	1791.33	139.1
293	08:20:00	1791.33	139.1
294	08:21:00	1791.31	139.1
295	08:22:00	1791.30	139.0
296	08:23:00	1791.30	139.0
297	08:24:00	1791.30	139.0
298	08:25:00	1791.31	139.0
299	08:26:00	1791.31	139.0
300	08:27:00	1791.31	139.1

LINEAR PRESSURE PLOT DATA

15/06/83

OILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
301	08:28:00	1791.31	139.1
302	08:29:00	1791.31	139.1
303	08:30:00	1791.32	139.0
304	08:31:00	1791.33	139.1
305	08:32:00	1791.32	139.1
306	08:33:00	1791.31	139.1
307	08:42:00	1819.78	140.0
308	08:43:00	1819.89	139.9
309	08:44:00	1820.00	140.0
310	08:45:00	1820.08	140.0
311	08:46:00	1820.14	139.9
312	08:47:00	1820.21	140.0
313	08:48:00	1820.25	139.9
314	08:49:00	1820.28	139.9
315	08:50:00	1820.31	139.9
316	08:51:00	1820.35	139.9
317	08:52:00	1820.37	139.9
318	08:53:00	1820.40	140.0
319	08:54:00	1820.39	139.9
320	08:55:00	1820.41	140.0
321	08:56:00	1820.41	139.9
322	08:57:00	1820.41	139.9
323	08:58:00	1820.43	140.0
324	08:59:00	1820.40	139.9
325	09:00:00	1820.39	139.9
326	09:01:00	1820.41	140.0
327	09:02:00	1820.37	139.9
328	09:03:00	1820.37	140.0
329	09:04:00	1820.33	139.9
330	09:05:00	1820.33	140.0
331	09:06:00	1820.33	140.0
332	09:07:00	1820.31	140.0
333	09:08:00	1820.29	140.0
334	09:09:00	1820.27	140.0
335	09:10:00	1820.27	140.0
336	09:11:00	1820.24	140.0
337	09:12:00	1820.23	140.0
338	09:13:00	1820.23	140.0
339	09:14:00	1820.21	140.0
340	09:15:00	1820.20	140.0
341	09:16:00	1820.18	140.0
342	09:17:00	1820.16	140.0
343	09:18:00	1820.14	140.0
344	09:19:00	1820.12	140.0
345	09:20:00	1820.11	140.0
346	09:21:00	1820.10	140.0
347	09:22:00	1820.08	140.0
348	09:23:00	1820.06	140.0
349	09:24:00	1820.06	140.0
350	09:25:00	1820.04	140.0

LINEAR PRESSURE PLOT DATA

15/06/83

OILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
351	09:26:00	1820.02	140.0
352	09:27:00	1820.00	140.0
353	09:28:00	1819.99	140.0
354	09:29:00	1819.97	140.0
355	09:30:00	1819.95	140.0
356	09:31:00	1819.95	140.0
357	09:32:00	1819.93	140.0
358	09:33:00	1819.93	140.0
359	09:34:00	1819.91	140.0
360	09:35:00	1819.90	140.0
361	09:36:00	1819.87	140.0
362	09:37:00	1819.87	140.0
363	09:38:00	1819.85	140.0
364	09:39:00	1819.86	140.0
365	09:40:00	1819.85	140.0
366	09:41:00	1819.84	140.0
367	09:42:00	1819.85	140.0
368	09:43:00	1819.83	140.0
369	09:44:00	1819.83	140.0
370	09:45:00	1819.81	140.0
371	09:46:00	1819.82	140.0
372	09:47:00	1819.81	140.0
373	09:48:00	1819.81	140.0
374	09:49:00	1819.81	140.0
375	09:50:00	1819.79	140.0
376	09:51:00	1819.78	140.0
377	09:52:00	1819.79	140.0
378	09:53:00	1819.77	140.0
379	09:54:00	1819.77	140.0
380	09:55:00	1819.75	140.0
381	09:56:00	1819.74	140.0
382	09:57:00	1819.73	140.0
383	09:58:00	1819.72	140.0
384	09:59:00	1819.73	140.0
385	10:00:00	1819.74	140.0
386	10:01:00	1819.72	140.0
387	10:02:00	1819.71	140.0
388	10:03:00	1819.71	140.0
389	10:04:00	1819.71	140.0
390	10:05:00	1819.70	140.0
391	10:06:00	1819.69	140.1
392	10:07:00	1819.68	140.0
393	10:08:00	1819.68	140.0
394	10:09:00	1819.67	140.0
395	10:10:00	1819.66	140.0
396	10:11:00	1819.66	140.0
397	10:12:00	1819.64	140.0
398	10:13:00	1819.63	140.0
399	10:14:00	1819.63	140.0
400	10:15:00	1819.62	140.0

LINEAR PRESSURE PLOT DATA

15/06/83

OILMIN N.L.

EAST MEREENIE #2

Data No.	TIME	PRESSURE	TEMP.
401	10:16:00	1819.62	140.0
402	10:17:00	1819.61	140.0
403	10:18:00	1819.61	140.1
404	10:19:00	1819.58	140.0
405	10:20:00	1819.57	140.0
406	10:21:00	1819.56	140.0
407	10:22:00	1819.56	140.1
408	10:23:00	1819.56	140.0
409	10:24:00	1819.53	140.0
410	10:25:00	1819.54	140.0
411	10:26:00	1819.52	140.1
412	10:27:00	1819.51	140.1
413	10:28:00	1819.51	140.1
414	10:29:00	1819.48	140.0

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415	10:30:00	1819.48	140.0
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