

OILMIN N. L.  
WEST MEREENIE #1  
8th SEPTEMBER 1983

NORTHERN TERRITORY  
GEOLOGICAL SURVEY

DEPT. OF MINES & ENERGY

DO NOT REMOVE



P01163



OILMIN N.L.

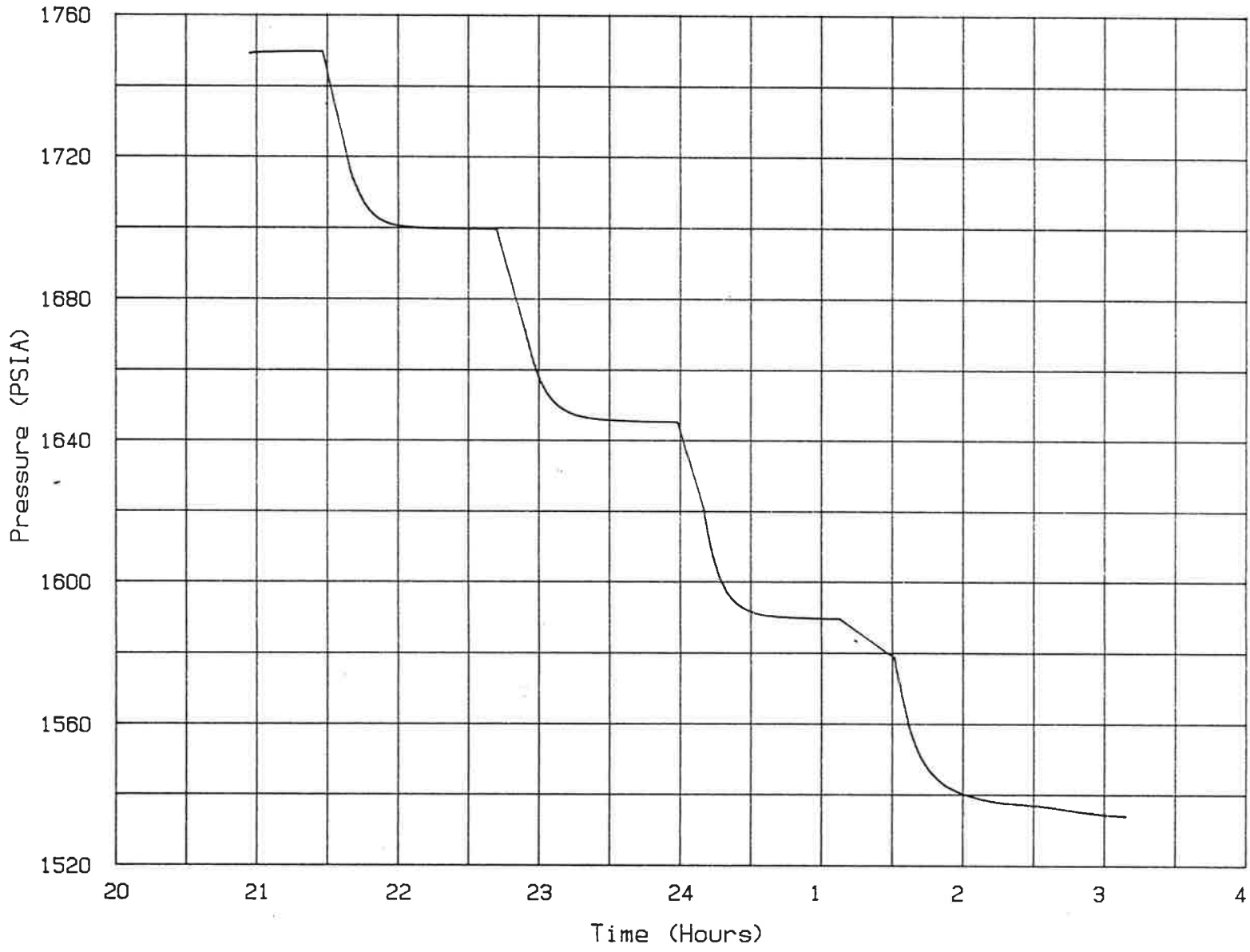
WEST MEREENIE #1

OPERATIONS SCHEDULE

<u>HOURS</u>	<u>REMARKS</u>
September 8th, 1983	
1200	Transferring gear from camp
1400	Begin rigging up
1730	Lift lubricator onto well
1740	DWT Gauge reading 1520 PSIG
1745	Open well
1750	Grease pump malfunction
1800	Close well & repair pump
1940	Open well
1945	R. I. H
2055	Hang @ 3928'. Could not go below 3932'
2130	P. O. O. H
2140	Hang @ 3000'
2240	P. O. O. H
2250	Hang @ 2000'
2358	P. O. O. H
September 9th, 1983	
0010	Hang @ 1000'
0110	P. O. O. H
0130	Hang in lubricator
0310	Rig down. END OF SURVEY

GEARHART PTY. LTD. - LINEAR PRESSURE PLOT  
OILMIN N.L. WEST MERENIE #1 08/09/83  
H.P. STATIC GRADIENTS

Plotted from: 20:57:00 on 08/09/83  
to: 03:09:00 on 09/09/83 ( Approx. 7 hrs. )



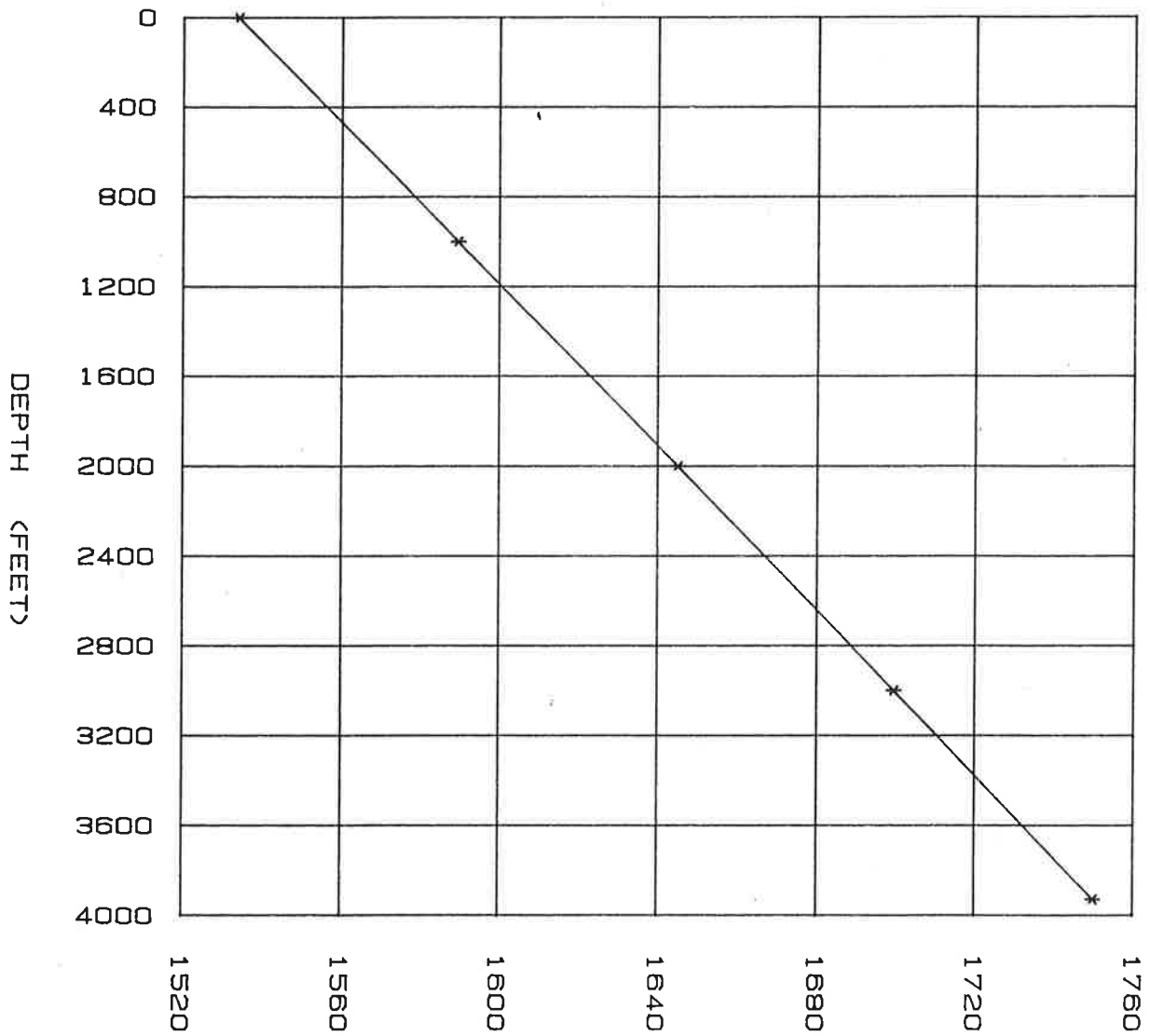
GEARHART PTY. LTD - STATIC GRADIENT

OILMIN N. L.

WEST MEREENIE #1

08/09/83

H. P. GAUGE No. 249



DEPTH (MEAS.) FT	PRESSURE (PSIA)	GRADIENT (PSI/FT)
0.0	1533.89	
1000.0	1589.47	.056
2000.0	1645.09	.056
3000.0	1699.59	.055
3928.0	1749.89	.054

## LINEAR PRESSURE PLOT DATA

08/09/83

OILMIN N.L.

WEST MEREENIE #1

Data No.	TIME	PRESSURE	TEMP.
1	20:57:00	1749.29	135.2
2	20:58:00	1749.37	135.2
3	20:59:00	1749.43	135.2
4	21:00:00	1749.48	135.2
5	21:01:00	1749.56	135.2
6	21:02:00	1749.57	135.3
7	21:03:00	1749.64	135.2
8	21:04:00	1749.65	135.3
9	21:05:00	1749.66	135.4
10	21:06:00	1749.69	135.4
11	21:07:00	1749.73	135.5
12	21:09:00	1749.76	135.4
13	21:10:00	1749.77	135.4
14	21:11:00	1749.80	135.4
15	21:12:00	1749.81	135.4
16	21:13:00	1749.81	135.4
17	21:14:00	1749.83	135.4
18	21:15:00	1749.83	135.4
19	21:16:00	1749.85	135.4
20	21:17:00	1749.86	135.4
21	21:18:00	1749.84	135.5
22	21:19:00	1749.86	135.5
23	21:20:00	1749.85	135.5
24	21:21:00	1749.87	135.5
25	21:22:00	1749.87	135.5
26	21:23:00	1749.87	135.6
27	21:24:00	1749.88	135.5
28	21:25:00	1749.88	135.5
29	21:26:00	1749.89	135.5
30	21:27:00	1749.89	135.6
31	21:28:00	1749.89	135.5
32	21:40:00	1715.60	119.3
33	21:41:00	1713.77	119.3
34	21:42:00	1712.11	119.3
35	21:43:00	1710.57	119.2
36	21:44:00	1709.14	119.2
37	21:45:00	1707.85	119.2
38	21:46:00	1706.72	119.2
39	21:47:00	1705.74	119.1
40	21:48:00	1704.87	119.1
41	21:49:00	1704.14	119.0
42	21:50:00	1703.49	119.0
43	21:51:00	1702.95	118.9
44	21:52:00	1702.48	118.9
45	21:53:00	1702.08	118.9
46	21:54:00	1701.74	118.9
47	21:55:00	1701.45	118.9
48	21:56:00	1701.20	118.9
49	21:57:00	1700.98	118.9
50	21:58:00	1700.81	118.8

## LINEAR PRESSURE PLOT DATA

08/09/83

OILMIN N.L.

WEST MEREENIE #1

Data No.	TIME	PRESSURE	TEMP.
51	21:59:00	1700.67	118.8
52	22:00:00	1700.51	118.8
53	22:01:00	1700.42	118.8
54	22:02:00	1700.32	118.8
55	22:03:00	1700.22	118.8
56	22:04:00	1700.15	118.8
57	22:05:00	1700.10	118.7
58	22:06:00	1700.03	118.8
59	22:07:00	1699.99	118.7
60	22:08:00	1699.95	118.7
61	22:09:00	1699.89	118.7
62	22:10:00	1699.85	118.8
63	22:11:00	1699.84	118.7
64	22:12:00	1699.82	118.7
65	22:13:00	1699.79	118.7
66	22:14:00	1699.75	118.7
67	22:15:00	1699.75	118.7
68	22:16:00	1699.72	118.7
69	22:17:00	1699.72	118.7
70	22:18:00	1699.70	118.7
71	22:19:00	1699.70	118.6
72	22:20:00	1699.68	118.7
73	22:21:00	1699.67	118.7
74	22:22:00	1699.68	118.6
75	22:23:00	1699.68	118.6
76	22:24:00	1699.66	118.6
77	22:25:00	1699.64	118.6
78	22:26:00	1699.62	118.7
79	22:27:00	1699.64	118.6
80	22:28:00	1699.64	118.6
81	22:29:00	1699.63	118.6
82	22:30:00	1699.63	118.6
83	22:31:00	1699.62	118.6
84	22:32:00	1699.62	118.6
85	22:33:00	1699.61	118.6
86	22:34:00	1699.61	118.6
87	22:35:00	1699.61	118.6
88	22:36:00	1699.60	118.6
89	22:37:00	1699.60	118.6
90	22:38:00	1699.59	118.6
91	22:39:00	1699.62	118.5
92	22:40:00	1699.61	118.5
93	22:41:00	1699.59	118.6
94	22:42:00	1699.59	118.6
95	22:54:00	1671.37	101.0
96	22:55:00	1668.81	101.0
97	22:56:00	1666.32	101.0
98	22:57:00	1663.94	100.9
99	22:58:00	1661.75	100.9
100	22:59:00	1659.76	100.9

## LINEAR PRESSURE PLOT DATA

08/09/83

OILMIN N.L.

WEST MEREEENIE #1

Data No.	TIME	PRESSURE	TEMP.
101	23:00:00	1658.00	100.9
102	23:01:00	1656.46	100.8
103	23:02:00	1655.11	100.7
104	23:03:00	1653.90	100.7
105	23:04:00	1652.86	100.6
106	23:05:00	1651.95	100.6
107	23:06:00	1651.16	100.5
108	23:07:00	1650.46	100.5
109	23:08:00	1649.87	100.4
110	23:09:00	1649.33	100.5
111	23:10:00	1648.88	100.3
112	23:11:00	1648.45	100.4
113	23:12:00	1648.12	100.3
114	23:13:00	1647.78	100.4
115	23:14:00	1647.55	100.2
116	23:15:00	1647.28	100.2
117	23:16:00	1647.07	100.3
118	23:17:00	1646.87	100.2
119	23:18:00	1646.70	100.2
120	23:19:00	1646.55	100.2
121	23:20:00	1646.43	100.2
122	23:21:00	1646.30	100.2
123	23:22:00	1646.19	100.2
124	23:23:00	1646.10	100.1
125	23:24:00	1646.00	100.2
126	23:25:00	1645.93	100.1
127	23:26:00	1645.87	100.1
128	23:27:00	1645.79	100.1
129	23:28:00	1645.74	100.1
130	23:29:00	1645.67	100.1
131	23:30:00	1645.63	100.1
132	23:31:00	1645.58	100.1
133	23:32:00	1645.56	100.0
134	23:33:00	1645.52	100.0
135	23:34:00	1645.48	100.1
136	23:35:00	1645.44	100.1
137	23:36:00	1645.41	100.0
138	23:39:00	1645.34	100.0
139	23:40:00	1645.29	100.1
140	23:41:00	1645.30	100.0
141	23:42:00	1645.29	100.0
142	23:43:00	1645.27	100.0
143	23:44:00	1645.25	100.0
144	23:45:00	1645.23	100.0
145	23:46:00	1645.23	99.9
146	23:47:00	1645.19	100.0
147	23:48:00	1645.21	99.9
148	23:49:00	1645.17	100.0
149	23:50:00	1645.19	99.9
150	23:51:00	1645.15	100.0

## LINEAR PRESSURE PLOT DATA

08/09/83

OILMIN N.L.

WEST MEREENIE #1

Data No.	TIME	PRESSURE	TEMP.
151	23:52:00	1645.15	99.9
152	23:53:00	1645.15	99.9
153	23:54:00	1645.13	99.9
154	23:55:00	1645.13	99.9
155	23:56:00	1645.12	99.9
156	23:57:00	1645.10	99.9
157	23:58:00	1645.11	99.9
158	23:59:00	1645.09	99.9

09/09/83

159	00:10:00	1620.49	85.4
160	00:11:00	1616.66	85.4
161	00:12:00	1613.10	85.4
162	00:13:00	1609.94	85.4
163	00:14:00	1607.19	85.4
164	00:15:00	1604.80	85.3
165	00:16:00	1602.73	85.4
166	00:17:00	1600.95	85.3
167	00:18:00	1599.42	85.3
168	00:19:00	1598.13	85.2
169	00:20:00	1596.99	85.2
170	00:21:00	1596.03	85.2
171	00:22:00	1595.19	85.2
172	00:23:00	1594.47	85.1
173	00:24:00	1593.85	85.1
174	00:25:00	1593.33	85.1
175	00:26:00	1592.86	85.1
176	00:27:00	1592.46	85.1
177	00:28:00	1592.13	85.1
178	00:29:00	1591.82	85.1
179	00:30:00	1591.56	85.1
180	00:31:00	1591.35	85.0
181	00:32:00	1591.13	85.1
182	00:33:00	1590.94	85.1
183	00:34:00	1590.82	85.0
184	00:35:00	1590.67	85.0
185	00:36:00	1590.53	85.0
186	00:37:00	1590.44	85.0
187	00:38:00	1590.34	85.0
188	00:39:00	1590.29	84.9
189	00:40:00	1590.18	85.0
190	00:41:00	1590.13	84.9
191	00:42:00	1590.04	85.0
192	00:43:00	1590.01	84.9
193	00:44:00	1589.95	84.9
194	00:45:00	1589.90	84.9
195	00:46:00	1589.84	85.0
196	00:47:00	1589.84	84.9
197	00:48:00	1589.80	84.9



## LINEAR PRESSURE PLOT DATA

09/09/83

DILMIN N.L.

WEST MEREENIE #1

Data No.	TIME	PRESSURE	TEMP.
198	00:49:00	1589.75	84.9
199	00:50:00	1589.74	84.9
200	00:51:00	1589.70	84.9
201	00:52:00	1589.69	84.9
202	00:53:00	1589.66	84.9
203	00:54:00	1589.65	84.9
204	00:55:00	1589.61	84.9
205	00:56:00	1589.59	84.9
206	00:57:00	1589.57	84.9
207	00:58:00	1589.56	84.9
208	00:59:00	1589.55	84.9
209	01:00:00	1589.53	84.9
210	01:01:00	1589.51	84.9
211	01:02:00	1589.50	84.9
212	01:03:00	1589.50	84.9
213	01:04:00	1589.47	84.9
214	01:05:00	1589.47	84.9
215	01:06:00	1589.47	84.9
216	01:07:00	1589.47	84.8
217	01:08:00	1589.47	84.8
218	01:31:00	1578.68	61.7
219	01:32:00	1574.91	61.5
220	01:33:00	1571.39	61.1
221	01:34:00	1568.08	61.0
222	01:35:00	1565.13	60.8
223	01:36:00	1562.37	60.6
224	01:37:00	1559.86	60.4
225	01:38:00	1557.62	60.2
226	01:39:00	1555.63	60.0
227	01:40:00	1553.84	59.9
228	01:41:00	1552.27	59.7
229	01:42:00	1550.82	59.7
230	01:43:00	1549.61	59.5
231	01:44:00	1548.50	59.4
232	01:45:00	1547.53	59.2
233	01:46:00	1546.64	59.1
234	01:47:00	1545.84	59.0
235	01:48:00	1545.15	59.0
236	01:49:00	1544.50	58.8
237	01:50:00	1543.88	58.7
238	01:51:00	1543.32	58.6
239	01:52:00	1542.83	58.5
240	01:53:00	1542.36	58.4
241	01:54:00	1541.95	58.4
242	01:55:00	1541.62	58.2
243	01:56:00	1541.30	58.2
244	01:57:00	1540.96	58.1
245	01:58:00	1540.69	58.0
246	01:59:00	1540.42	57.9
247	02:00:00	1540.18	57.9

## LINEAR PRESSURE PLOT DATA

09/09/83

DILMIN N.L.

WEST MEREENIE #1

Data No.	TIME	PRESSURE	TEMP.
248	02:01:00	1539.96	57.7
249	02:02:00	1539.74	57.7
250	02:03:00	1539.52	57.6
251	02:04:00	1539.37	57.5
252	02:05:00	1539.16	57.5
253	02:06:00	1538.97	57.4
254	02:07:00	1538.81	57.4
255	02:08:00	1538.63	57.3
256	02:09:00	1538.49	57.2
257	02:10:00	1538.36	57.1
258	02:11:00	1538.22	57.1
259	02:12:00	1538.11	57.1
260	02:13:00	1537.97	57.1
261	02:14:00	1537.85	57.1
262	02:15:00	1537.74	57.1
263	02:16:00	1537.64	57.1
264	02:17:00	1537.60	56.9
265	02:18:00	1537.48	57.0
266	02:19:00	1537.45	56.8
267	02:20:00	1537.40	56.7
268	02:21:00	1537.37	56.5
269	02:22:00	1537.34	56.4
270	02:23:00	1537.28	56.3
271	02:24:00	1537.23	56.2
272	02:25:00	1537.17	56.1
273	02:26:00	1537.10	56.1
274	02:27:00	1537.09	55.9
275	02:28:00	1537.02	55.9
276	02:29:00	1537.00	55.7
277	02:30:00	1536.94	55.7
278	02:31:00	1536.88	55.6
279	02:32:00	1536.82	55.5
280	02:33:00	1536.75	55.4
281	02:34:00	1536.66	55.4
282	02:35:00	1536.60	55.2
283	02:36:00	1536.51	55.2
284	02:37:00	1536.41	55.2
285	02:38:00	1536.31	55.1
286	02:39:00	1536.22	55.0
287	02:40:00	1536.10	55.0
288	02:41:00	1536.02	54.9
289	02:42:00	1535.89	54.9
290	02:43:00	1535.80	54.8
291	02:44:00	1535.69	54.7
292	02:45:00	1535.59	54.7
293	02:46:00	1535.49	54.6
294	02:47:00	1535.40	54.6
295	02:48:00	1535.33	54.5
296	02:49:00	1535.22	54.5
297	02:50:00	1535.11	54.5

## LINEAR PRESSURE PLOT DATA

09/09/83

OILMIN N.L.

WEST MEREENIE #1

Data No.	TIME	PRESSURE	TEMP.
298	02:51:00	1535.06	54.4
299	02:52:00	1534.98	54.3
300	02:53:00	1534.89	54.3
301	02:54:00	1534.79	54.3
302	02:55:00	1534.73	54.2
303	02:56:00	1534.67	54.1
304	02:57:00	1534.60	54.1
305	02:58:00	1534.50	54.1
306	02:59:00	1534.42	54.0
307	03:00:00	1534.34	54.0
308	03:01:00	1534.27	54.0
309	03:02:00	1534.26	53.9
310	03:03:00	1534.20	53.9
311	03:04:00	1534.16	53.9
312	03:05:00	1534.13	53.8
313	03:06:00	1534.07	53.8
314	03:07:00	1533.99	53.8
315	03:08:00	1533.95	53.7
316	03:09:00	1533.89	53.7