

OILMIN N. L.
EAST MEREENIE #4
13th MARCH 1983



ONSHORE

**NORTHERN TERRITORY
GEOLOGICAL SURVEY**



OILMIN N.L.

EAST MENEENIE #4

H.P. SURVEY REPORT

MARCH 12th,1983.

1800 hrs Arrive on location,rig up logging truck,mast unit and H.P. guage

MARCH 13th,1983

| | |
|----------|---|
| 0645 hrs | Install H.P.tool in lubricator |
| 0653 hrs | Pressure up lubricator |
| 0658 hrs | R.I.H. with H.P. tool |
| 0736 hrs | Hang at 4609 ft |
| 1056 hrs | P.O.O.H. |
| 1058 hrs | Hang at 4400 ft |
| 1145 hrs | P.O.O.H. |
| 1148 hrs | Hang at 4200 ft |
| 1222 hrs | P.O.O.H. |
| 1226 hrs | Hang at 4000 ft |
| 1258 hrs | P.O.O.H. |
| 1307 hrs | Hang at 3000 ft |
| 1350 hrs | P.O.O.H. |
| 1407 hrs | Hang at 2000 ft |
| 1446 hrs | P.O.O.H. |
| 1500 hrs | Hang at 1000 ft |
| 1537 hrs | P.O.O.H. |
| 1550 hrs | Hang in lubricator |
| 1645 hrs | Shut in lubricator and bleed down |
| | END OF H.P. STATIC GRADIENT SURVEY |
| | Rig down of well and move over to EM #9 |



M0780351

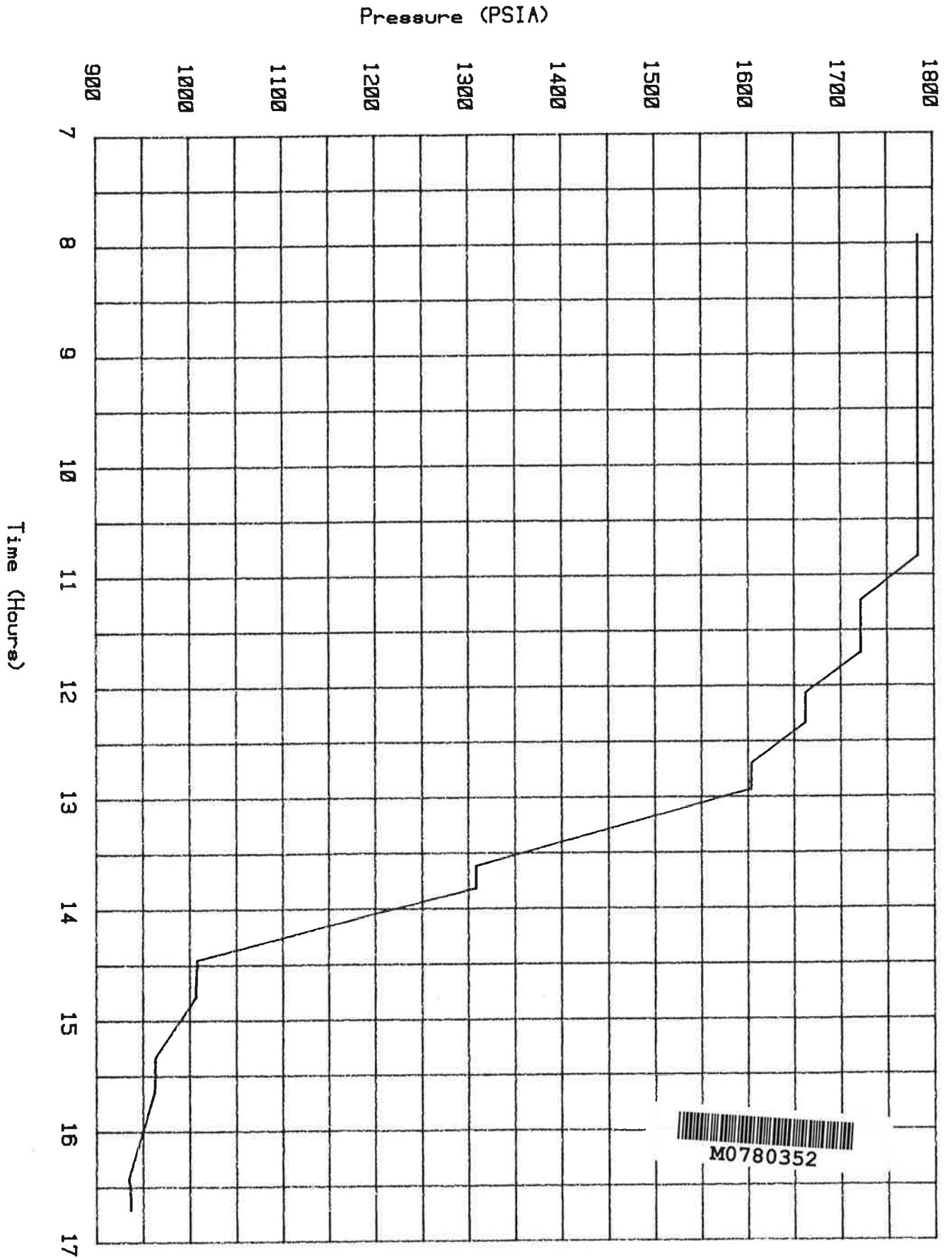
GEARHART PTY. LTD. - LINEAR PRESSURE PLOT

OILMIN N.L. EAST MEREENIE #4 13/03/83

HEWLETT PACKARD PRESS TOOL #250

Plotted from: 07:55:50 on 13/03/83

to: 16:42:00 on 13/03/83 (Approx. 9 hrs.)



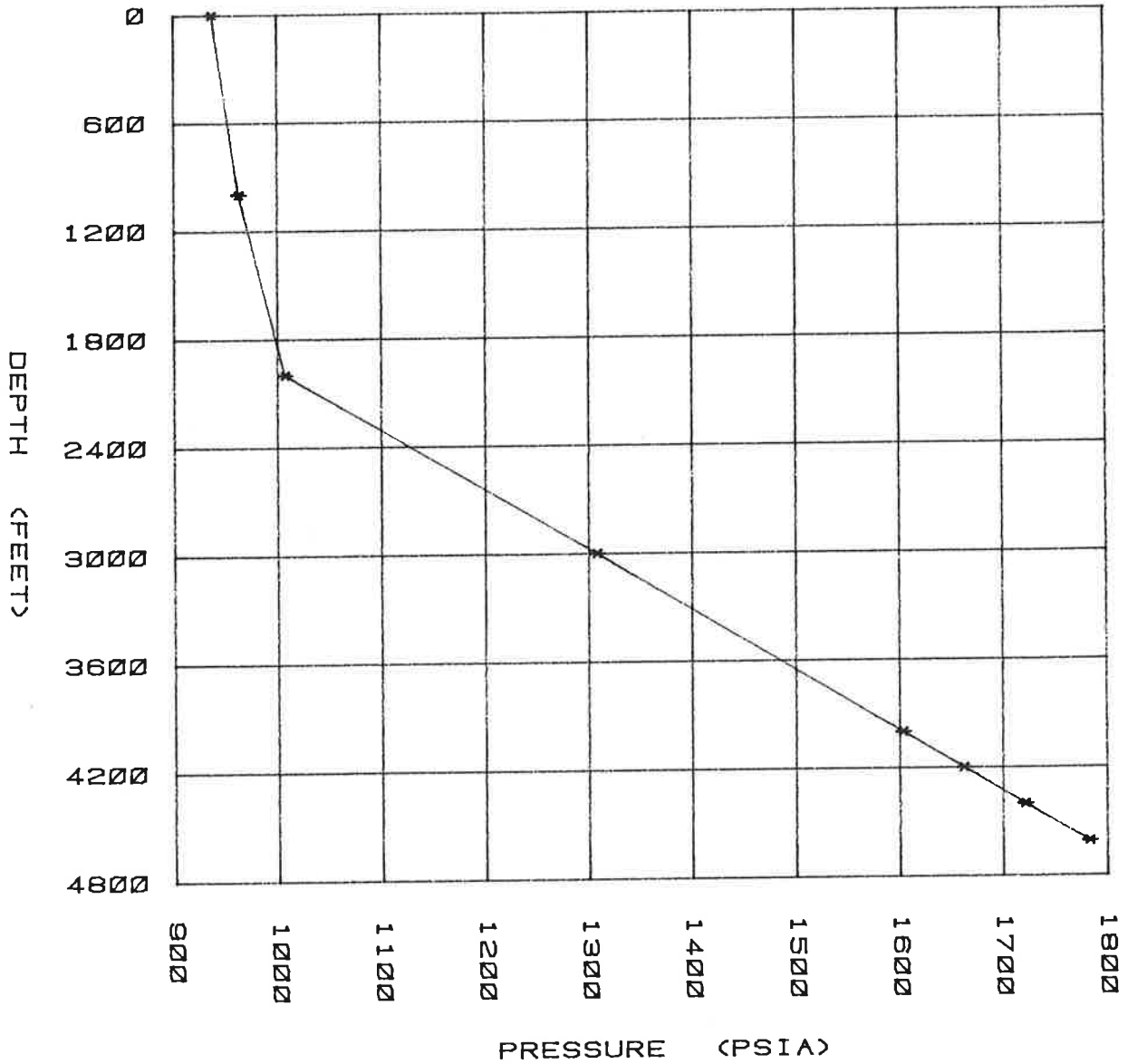
GEARHART PTY. LTD. - STATIC GRADIENT

OILMIN N.L.

EAST MEREENIE #4

13/03/83

H. P. GAUGE No. 250



| DEPTH (TVD) FT | PRESSURE (PSIA) | GRADIENT (PSI/FT) |
|----------------|-----------------|-------------------|
| 0.0 | 937.14 | |
| 1000.0 | 962.90 | .026 |
| 2000.0 | 1007.09 | .044 |
| 3000.0 | 1307.93 | .301 |
| 4000.0 | 1603.32 | .295 |
| 4200.0 | 1661.91 | .293 |
| 4400.0 | 1721.06 | .296 |
| 4609.0 | 1782.72 | .295 |



LINEAR PRESSURE PLOT DATA

13/03/83

OILMIN N.L.

EAST MEREENIE #4

| Data No. | TIME | PRESSURE | TEMP. |
|----------|----------|----------|-------|
| 1 | 07:55:50 | 1783.56 | 143.1 |
| 2 | 07:56:00 | 1783.56 | 143.1 |
| 3 | 07:57:00 | 1783.54 | 143.1 |
| 4 | 07:58:00 | 1783.52 | 143.1 |
| 5 | 07:59:00 | 1783.52 | 143.1 |
| 6 | 08:00:00 | 1783.53 | 143.1 |
| 7 | 08:01:00 | 1783.52 | 143.1 |
| 8 | 08:02:00 | 1783.51 | 143.1 |
| 9 | 08:03:00 | 1783.50 | 143.1 |
| 10 | 08:04:00 | 1783.48 | 143.0 |
| 11 | 08:05:00 | 1783.50 | 143.1 |
| 12 | 08:06:00 | 1783.49 | 143.1 |
| 13 | 08:07:00 | 1783.49 | 143.0 |
| 14 | 08:08:00 | 1783.48 | 143.1 |
| 15 | 08:09:00 | 1783.48 | 143.1 |
| 16 | 08:10:00 | 1783.44 | 143.1 |
| 17 | 08:11:00 | 1783.47 | 143.1 |
| 18 | 08:12:00 | 1783.46 | 143.1 |
| 19 | 08:13:00 | 1783.44 | 143.1 |
| 20 | 08:14:00 | 1783.44 | 143.1 |
| 21 | 08:15:00 | 1783.44 | 143.1 |
| 22 | 08:20:00 | 1783.42 | 143.1 |
| 23 | 08:25:00 | 1783.37 | 143.1 |
| 24 | 08:30:00 | 1783.36 | 143.1 |
| 25 | 08:35:00 | 1783.31 | 143.0 |
| 26 | 08:40:00 | 1783.28 | 143.0 |
| 27 | 08:45:00 | 1783.26 | 143.0 |
| 28 | 08:50:00 | 1783.25 | 143.1 |
| 29 | 08:55:00 | 1783.20 | 143.0 |
| 30 | 09:00:00 | 1783.21 | 143.1 |
| 31 | 09:05:00 | 1783.18 | 143.0 |
| 32 | 09:10:00 | 1783.14 | 143.0 |
| 33 | 09:15:00 | 1783.15 | 143.1 |
| 34 | 09:20:00 | 1783.10 | 143.0 |
| 35 | 09:25:00 | 1783.05 | 143.1 |
| 36 | 09:30:00 | 1783.03 | 143.0 |
| 37 | 09:35:00 | 1782.99 | 143.0 |
| 38 | 09:40:00 | 1782.94 | 143.0 |
| 39 | 09:45:00 | 1782.89 | 143.0 |
| 40 | 09:50:00 | 1782.89 | 143.0 |
| 41 | 09:55:00 | 1782.87 | 143.0 |
| 42 | 10:00:00 | 1782.81 | 143.0 |
| 43 | 10:15:00 | 1782.82 | 143.0 |
| 44 | 10:20:00 | 1782.82 | 142.9 |
| 45 | 10:25:00 | 1782.80 | 143.0 |
| 46 | 10:30:00 | 1782.80 | 143.0 |
| 47 | 10:35:00 | 1782.74 | 143.0 |
| 48 | 10:40:00 | 1782.72 | 143.0 |
| 49 | 10:45:00 | 1782.71 | 143.1 |
| 50 | 10:50:00 | 1782.72 | 143.0 |



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LINEAR PRESSURE PLOT DATA

13/03/83

OILMIN N.L.

EAST MEREENIE #4

| Data No. | TIME | PRESSURE | TEMP. |
|----------|----------|----------|-------|
| 51 | 11:14:00 | 1721.15 | 140.4 |
| 52 | 11:16:00 | 1721.14 | 140.5 |
| 53 | 11:18:00 | 1721.12 | 140.5 |
| 54 | 11:20:00 | 1721.12 | 140.5 |
| 55 | 11:22:00 | 1721.10 | 140.5 |
| 56 | 11:24:00 | 1721.10 | 140.4 |
| 57 | 11:26:00 | 1721.10 | 140.5 |
| 58 | 11:28:00 | 1721.09 | 140.5 |
| 59 | 11:30:00 | 1721.08 | 140.5 |
| 60 | 11:32:00 | 1721.08 | 140.5 |
| 61 | 11:34:00 | 1721.07 | 140.5 |
| 62 | 11:36:00 | 1721.07 | 140.5 |
| 63 | 11:38:00 | 1721.09 | 140.6 |
| 64 | 11:40:00 | 1721.06 | 140.5 |
| 65 | 11:42:00 | 1721.06 | 140.5 |
| 66 | 12:04:00 | 1661.99 | 138.4 |
| 67 | 12:06:00 | 1661.97 | 138.4 |
| 68 | 12:08:00 | 1661.94 | 138.4 |
| 69 | 12:10:00 | 1661.94 | 138.4 |
| 70 | 12:12:00 | 1661.93 | 138.5 |
| 71 | 12:14:00 | 1661.93 | 138.5 |
| 72 | 12:16:00 | 1661.91 | 138.5 |
| 73 | 12:18:00 | 1661.91 | 138.5 |
| 74 | 12:20:00 | 1661.91 | 138.5 |
| 75 | 12:42:00 | 1603.40 | 135.9 |
| 76 | 12:44:00 | 1603.36 | 135.9 |
| 77 | 12:46:00 | 1603.34 | 135.9 |
| 78 | 12:48:00 | 1603.30 | 136.0 |
| 79 | 12:50:00 | 1603.30 | 136.0 |
| 80 | 12:52:00 | 1603.32 | 136.1 |
| 81 | 12:54:00 | 1603.32 | 136.1 |
| 82 | 12:56:00 | 1603.32 | 136.1 |
| 83 | 13:37:00 | 1307.85 | 116.1 |
| 84 | 13:38:00 | 1308.25 | 116.1 |
| 85 | 13:39:00 | 1307.96 | 116.0 |
| 86 | 13:40:00 | 1307.74 | 116.1 |
| 87 | 13:41:00 | 1307.73 | 116.1 |
| 88 | 13:42:00 | 1307.74 | 116.0 |
| 89 | 13:43:00 | 1307.83 | 116.0 |
| 90 | 13:44:00 | 1308.00 | 116.0 |
| 91 | 13:45:00 | 1308.08 | 116.1 |
| 92 | 13:46:00 | 1308.19 | 116.0 |
| 93 | 13:47:00 | 1308.16 | 116.1 |
| 94 | 13:48:00 | 1308.11 | 116.0 |
| 95 | 13:49:00 | 1307.93 | 116.1 |
| 96 | 14:27:00 | 1008.49 | 94.5 |
| 97 | 14:28:00 | 1008.32 | 94.6 |
| 98 | 14:29:00 | 1008.12 | 94.6 |
| 99 | 14:30:00 | 1008.01 | 94.5 |
| 100 | 14:31:00 | 1007.90 | 94.5 |



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LINEAR PRESSURE PLOT DATA

13/03/83

OILMIN N.L.

EAST MEREENIE #4

| Data No. | TIME | PRESSURE | TEMP. |
|----------|----------|----------|-------|
| 101 | 14:32:00 | 1007.83 | 94.5 |
| 102 | 14:33:00 | 1007.74 | 94.5 |
| 103 | 14:34:00 | 1007.67 | 94.5 |
| 104 | 14:35:00 | 1007.59 | 94.4 |
| 105 | 14:36:00 | 1007.53 | 94.5 |
| 106 | 14:37:00 | 1007.42 | 94.4 |
| 107 | 14:38:00 | 1007.38 | 94.4 |
| 108 | 14:39:00 | 1007.31 | 94.4 |
| 109 | 14:40:00 | 1007.26 | 94.4 |
| 110 | 14:41:00 | 1007.22 | 94.4 |
| 111 | 14:42:00 | 1007.18 | 94.4 |
| 112 | 14:43:00 | 1007.16 | 94.4 |
| 113 | 14:44:00 | 1007.13 | 94.4 |
| 114 | 14:45:00 | 1007.09 | 94.4 |
| 115 | 14:46:00 | 1007.09 | 94.3 |
| 116 | 14:47:00 | 1007.09 | 94.4 |
| 117 | 15:20:00 | 963.57 | 84.8 |
| 118 | 15:21:00 | 963.49 | 84.8 |
| 119 | 15:22:00 | 963.41 | 84.7 |
| 120 | 15:23:00 | 963.36 | 84.7 |
| 121 | 15:24:00 | 963.30 | 84.7 |
| 122 | 15:25:00 | 963.25 | 84.7 |
| 123 | 15:26:00 | 963.21 | 84.7 |
| 124 | 15:27:00 | 963.17 | 84.7 |
| 125 | 15:28:00 | 963.13 | 84.7 |
| 126 | 15:29:00 | 963.11 | 84.7 |
| 127 | 15:30:00 | 963.07 | 84.7 |
| 128 | 15:31:00 | 963.06 | 84.7 |
| 129 | 15:32:00 | 963.02 | 84.6 |
| 130 | 15:33:00 | 963.00 | 84.7 |
| 131 | 15:34:00 | 962.97 | 84.6 |
| 132 | 15:35:00 | 962.95 | 84.6 |
| 133 | 15:36:00 | 962.94 | 84.7 |
| 134 | 15:37:00 | 962.93 | 84.7 |
| 135 | 15:38:00 | 962.90 | 84.6 |
| 136 | 16:25:00 | 935.44 | 88.3 |
| 137 | 16:26:00 | 935.65 | 88.2 |
| 138 | 16:27:00 | 935.95 | 88.2 |
| 139 | 16:28:00 | 936.07 | 88.0 |
| 140 | 16:29:00 | 936.28 | 87.9 |
| 141 | 16:30:00 | 936.50 | 87.8 |
| 142 | 16:31:00 | 936.69 | 87.8 |
| 143 | 16:32:00 | 936.85 | 87.8 |
| 144 | 16:33:00 | 936.95 | 87.6 |
| 145 | 16:34:00 | 937.07 | 87.6 |
| 146 | 16:35:00 | 937.14 | 87.5 |
| 147 | 16:36:00 | 937.17 | 87.4 |
| 148 | 16:37:00 | 937.19 | 87.5 |
| 149 | 16:38:00 | 937.20 | 87.3 |
| 150 | 16:39:00 | 937.23 | 87.3 |



| Data No. | TIME | PRESSURE | TEMP. |
|----------|----------|----------|-------|
| 151 | 16:40:00 | 937.21 | 87.3 |
| 152 | 16:41:00 | 937.18 | 87.2 |
| 153 | 16:42:00 | 937.14 | 87.2 |

