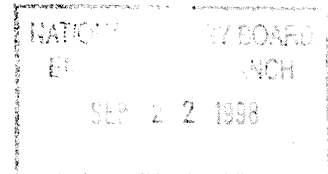


N.E.B. COPY

**Columbia et al Kotaneelee B-38
YT B-38
Nahanni Formation**

**SDS Data
Inline Flow & Build up
August 14 - September 6, 1998**



SURFACE PRESSURE MEASUREMENTS

1. BASIC DATA JOB 6029

PAGE 1 OF 1

| | |
|--|--|
| COMPANY Anderson Exploration Ltd. | WELL NAME Columbia et al Kontaneelee |
| ADDRESS 1600, 324 - 8 Avenue S.W. | UNIQUE WELL ID YT B-38 |
| FIELD STATUS | SUBSURFACE LOCATION |
| POOL and FORMATION Nahanni | |
| PRODUCING THROUGH 73.00 mm TUBING <input type="checkbox"/> | 177.80 mm CASING <input type="checkbox"/> |
| PERFS INTERVAL (CF) 3541.42-3676.12 | m PERF <input type="checkbox"/> OH <input type="checkbox"/> |
| MID POINT OF PRODUCING (MPP) INTERVAL (CF) 3,608.77 m | TUBING DEPTH 3501 m CF CASING DEPTH 3891.32 m CF |
| POOL DATUM (SUBSEA) | m DATUM DEPTH OF WELL (FROM CF) m |
| ELEVATION (CF) 679.02 m (KB) 685.80 m (KB) to (CF) 6.78 m | |

2. ACOUSTIC WELL SOUNDER TEST

| | | | |
|--|-------------------|--------------------------------|---|
| DEPTH OF TUBING | 3,501.00 m | TUBING PRESSURE | 20,775.74 kPa |
| AVERAGE TUBING JOINT LENGTH | m | SHUT IN DATE | 8/18/98 DURATION @ |
| AVERAGE JOINT LENGTH ASSUMED? <input type="checkbox"/> | | CURRENT WATER CUT | 436 h |
| NO. OF JOINTS TO LIQUID | m | CASING PRESSURE (GAUGE) | 0.06 kPa |
| LENGTH OF GAS COLUMN | m | GAS COLUMN PRESSURE (GAUGE) | kPa |
| LENGTH OF LIQUID COLUMN | m | LIQUID COLUMN PRESSURE (GAUGE) | kPa |
| OBSTRUCTION DEPTH: | m | MPP PRESSURE (GAUGE) | kPa |
| PSN DEPTH: | m | DATUM DEPTH PRESSURE (GAUGE) | kPa |
| GAS RELATIVE DENSITY, G | GAS GRADIENT (GA) | kPa/m | DATE OF TEST 14-Aug-98 TO 06-Sep-98 |
| OIL DENSITY ρL kg/m3 | OIL GRADIENT (GA) | kPa/m | TEST TYPE: Inline Flow & Build up |

3. TEST COMMENTS

4. OTHER OPERATIONS

COMMENTS:

Remarks:

SURVEY COMPANY **Opsco '92 Industries Ltd.**

TEST BY **Len C**

COMPUTED BY **Dawn S.**

CHECKED BY **Rick D**

O-12-81-08



FieldNotes



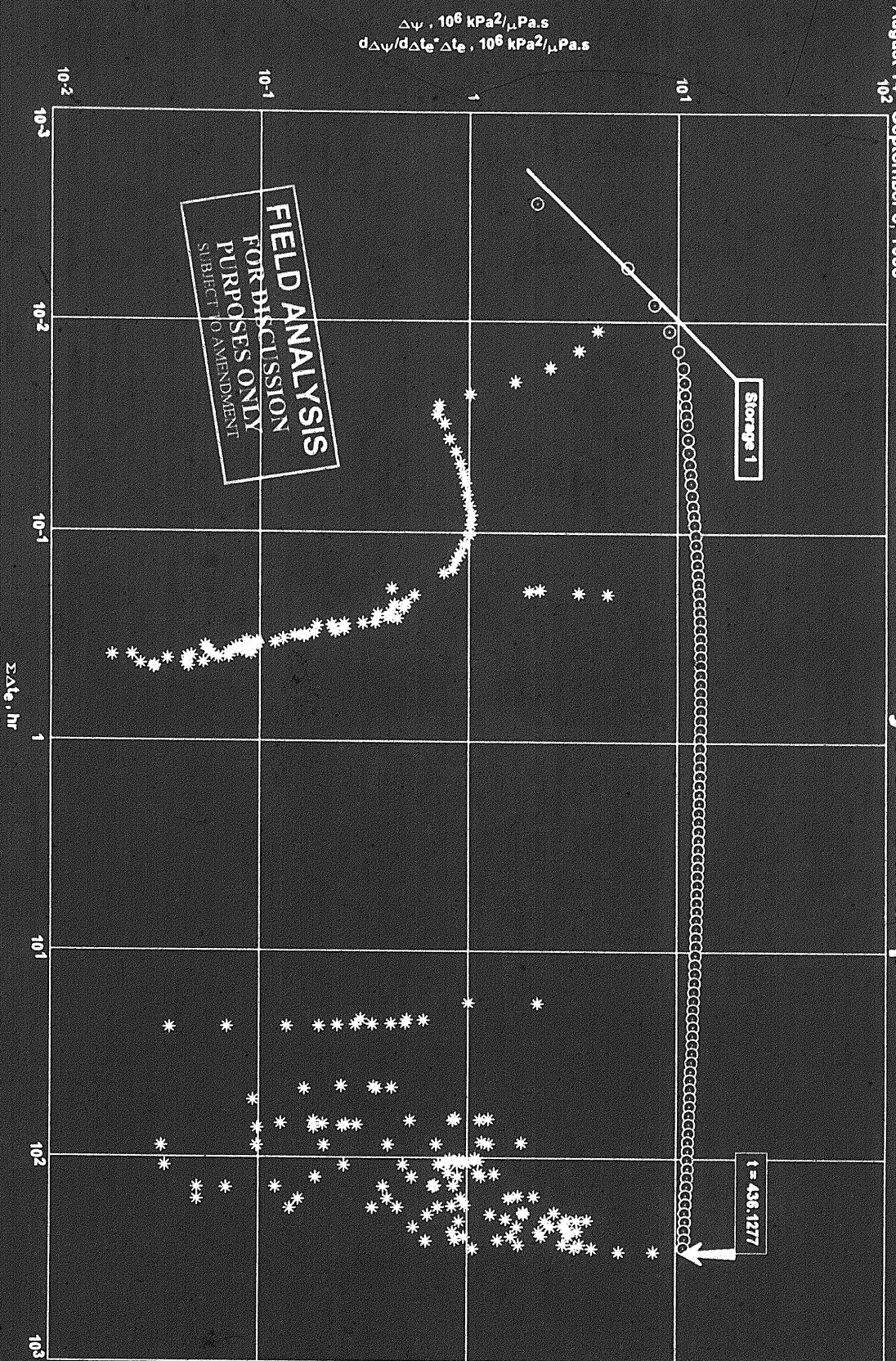
Job Number: 6029
Customer: Anderson Exploration Ltd.
Wellname: Columbia et al Kotaneelee B-38
Well Location: YT B-38
Formation: Nahanni

Supervisors: Dean Ditto
Customer Rep: Neil Taylor
Start Date: August 14, 1998
Start Time: 16:53
Test Unit: SDS #10031436
Operation: inline flow & build up

Remarks:

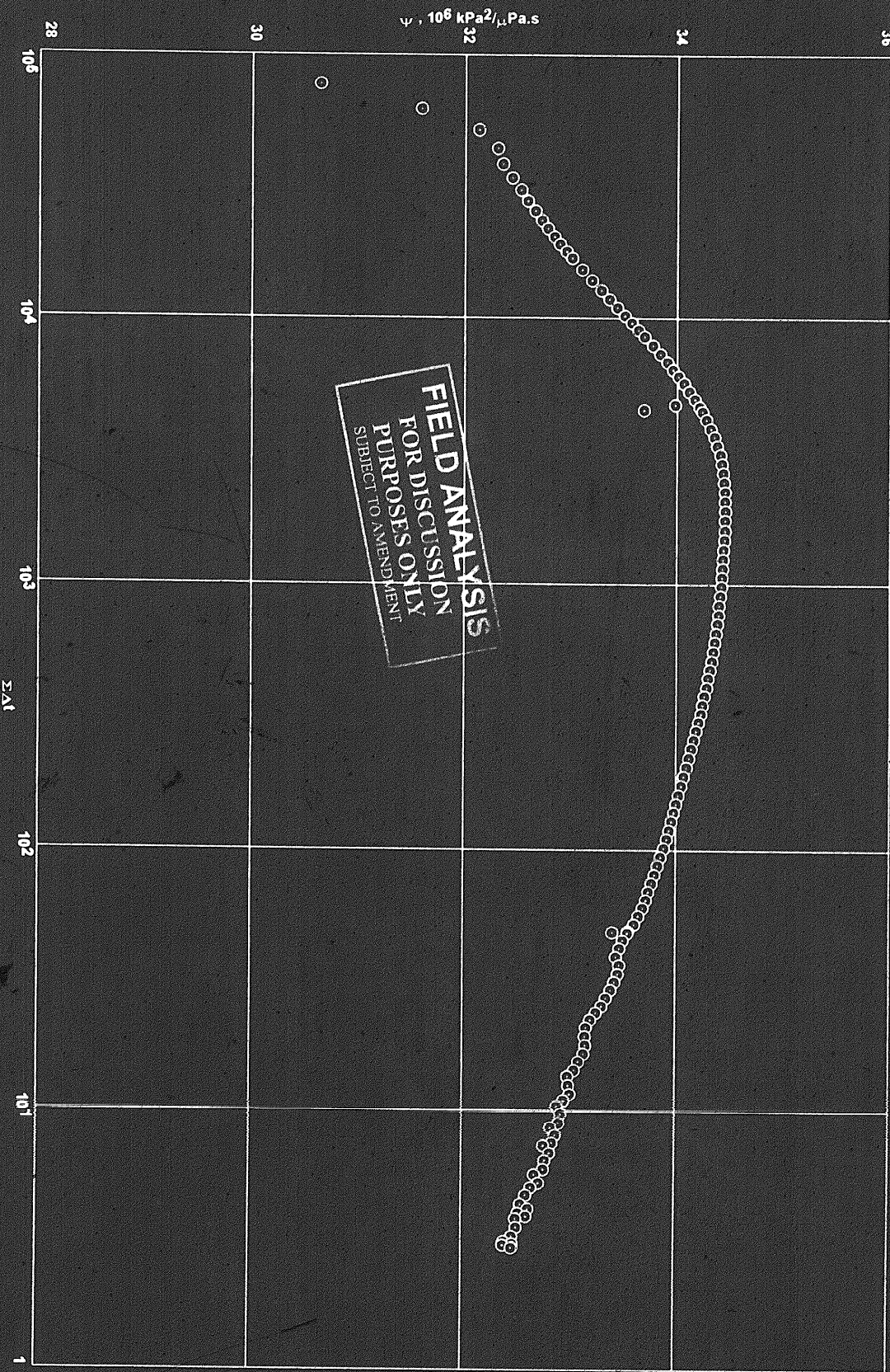
Columbia et al Kollameelee B-36
 YT B-36 (Nahanni Zone)
 Surface Tubing (Sensor #12131418)
 August 14 - September 6, 1998

Derivative Analysis - Buildup



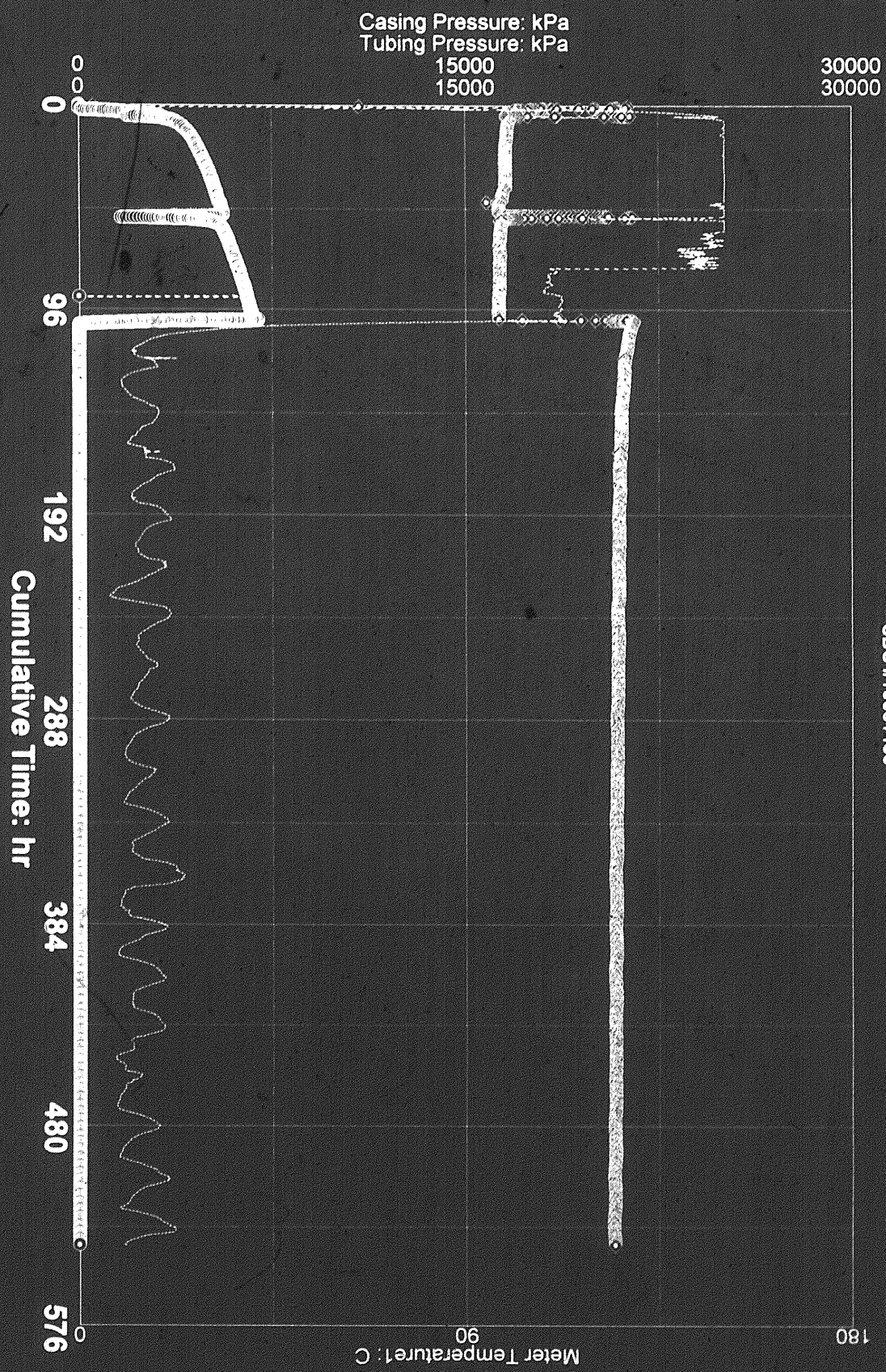
Columbia et al Kolaneelee B-38
YT B-38 (Nahanni Zone)
Surface Tubing (Sensor #12131418)
August 14 - September 6, 1998

RADIAL



- - - - - Tubing Pressure
 - - - - - Casing Pressure
 ○ Meter Temperature 1

6029
 August 14 - September 6, 1998
 Columbia et al Kohaneelie B-38
 YT B-38
 Nahanni
 SDS #10031436



Fast

Job Number: 6029
 Customer: Anderson Exploration Ltd.
 Wellname: Columbia et al Kotaneelee B-38
 Well Location: YT B-38
 Formation: Nahanni

FieldNotes



| Row | Date | Clk Tim | Cum Tim | Tbg Pres | Csg Pres | Temp1 |
|-----|------------|----------|---------|---|----------|-------|
| | yy/mm/dd | clock | hr | kPa | kPa | C |
| 1 | 1998/08/14 | 16:53:56 | 0.0000 | Activated SDS unit #10031436 | | |
| 2 | | | 0.0000 | Sensor #12131418 - Tubing pressure | | |
| 3 | | | 0.0000 | Sensor #12131419 - Casing pressure | | |
| 4 | | | 0.0000 | Sensor #13027119 - Wellhead temperature | | |
| 5 | 1998/08/14 | 16:53:56 | 0.0000 | 0.00 | 0.00 | 52.8 |
| 6 | | 17:00:56 | 0.1167 | 0.00 | 0.00 | 53.0 |
| 7 | | 18:30:56 | 1.6167 | 17552.20 | 0.00 | 107.3 |
| 8 | | 20:00:56 | 3.1167 | 16931.42 | 1900.13 | 139.3 |
| 9 | | 21:30:56 | 4.6167 | 16577.89 | 2979.09 | 148.3 |
| 10 | | 23:00:56 | 6.1167 | 16654.81 | 3382.85 | 149.8 |
| 11 | | 00:30:56 | 7.6167 | 16678.36 | 3764.48 | 150.4 |
| 12 | | 02:00:56 | 9.1167 | 16651.73 | 3958.71 | 150.5 |
| 13 | | 03:30:56 | 10.6167 | 16632.52 | 4111.73 | 150.5 |
| 14 | | 05:00:56 | 12.1167 | 16623.92 | 4234.64 | 150.5 |
| 15 | | 06:30:56 | 13.6167 | 16615.87 | 4340.25 | 150.0 |
| 16 | | 08:00:56 | 15.1167 | 16603.92 | 4425.37 | 150.5 |
| 17 | | 09:30:56 | 16.6167 | 16589.11 | 4491.01 | 150.4 |
| 18 | | 11:00:56 | 18.1167 | 16572.34 | 4557.18 | 150.4 |
| 19 | | 12:30:56 | 19.6167 | 16569.80 | 4623.00 | 150.3 |
| 20 | | 14:00:56 | 21.1167 | 16542.63 | 4687.49 | 150.3 |
| 21 | | 15:30:56 | 22.6167 | 16566.45 | 4750.65 | 150.0 |
| 22 | | 17:00:56 | 24.1167 | 16565.36 | 4810.20 | 150.3 |
| 23 | | 18:30:56 | 25.6167 | 16560.86 | 4870.39 | 150.3 |
| 24 | | 20:00:56 | 27.1167 | 16557.33 | 4926.82 | 150.3 |
| 25 | | 21:30:56 | 28.6167 | 16562.12 | 4984.43 | 150.4 |
| 26 | | 23:00:56 | 30.1167 | 16570.48 | 5037.47 | 150.4 |
| 27 | | 00:30:56 | 31.6167 | 16568.59 | 5083.60 | 150.4 |
| 28 | | 02:00:56 | 33.1167 | 16564.53 | 5126.06 | 150.4 |
| 29 | | 03:30:56 | 34.6167 | 16559.23 | 5171.98 | 150.5 |
| 30 | | 05:00:56 | 36.1167 | 16560.14 | 5218.29 | 150.5 |
| 31 | | 06:30:56 | 37.6167 | 16558.56 | 5261.55 | 150.5 |
| 32 | | 08:00:56 | 39.1167 | 16537.18 | 5295.53 | 150.5 |
| 33 | | 09:30:56 | 40.6167 | 16460.70 | 5338.90 | 150.4 |
| 34 | | 11:00:56 | 42.1167 | 16437.51 | 5371.46 | 150.3 |
| 35 | | 12:30:56 | 43.6167 | 16426.88 | 5411.29 | 150.3 |
| 36 | | 14:00:56 | 45.1167 | 16362.47 | 5476.52 | 148.2 |
| 37 | | 15:30:56 | 46.6167 | 16297.15 | 5512.89 | 150.3 |
| 38 | | 17:00:56 | 48.1167 | 16289.85 | 5541.48 | 150.3 |
| 39 | | 18:30:56 | 49.6167 | 16289.89 | 5576.70 | 150.3 |
| 40 | | 20:00:56 | 51.1167 | 16565.50 | 5608.56 | 150.3 |
| 41 | | 21:30:56 | 52.6167 | 16905.35 | 2220.77 | 134.7 |
| 42 | | 23:00:56 | 54.1167 | 16336.14 | 5114.95 | 150.4 |
| 43 | | 00:30:56 | 55.6167 | 16397.62 | 5432.43 | 150.4 |
| 44 | | 02:00:56 | 57.1167 | 16376.73 | 5548.99 | 150.4 |
| 45 | | 03:30:56 | 58.6167 | 16364.95 | 5622.55 | 149.7 |

Job Number: 6029
 Customer: Anderson Exploration Ltd.
 Wellname: Columbia et al Kotaneelee B-38
 Well Location: YT B-38
 Formation: Nahanni

FieldNotes



| Row | Date | Clk Tim | Cum Tim | Tbg Pres | Csg Pres | Temp1 |
|-----|------------|----------|----------|--|----------|-------|
| | yy/mm/dd | clock | hr | kPa | kPa | C |
| 46 | 1998/08/17 | 05:00:56 | 60.1167 | 16355.19 | 5683.08 | 146.3 |
| 47 | | 06:30:56 | 61.6167 | 16350.42 | 5738.88 | 144.9 |
| 48 | | 08:00:56 | 63.1167 | 16339.83 | 5790.05 | 148.1 |
| 49 | | 09:30:56 | 64.6167 | 16328.66 | 5835.85 | 147.9 |
| 50 | | 11:00:56 | 66.1167 | 16320.42 | 5874.58 | 145.7 |
| 51 | | 12:30:56 | 67.6167 | 16328.57 | 5921.08 | 142.2 |
| 52 | | 14:00:56 | 69.1167 | 16339.03 | 5965.15 | 146.2 |
| 53 | | 15:30:56 | 70.6167 | 16345.34 | 6008.00 | 141.7 |
| 54 | | 17:00:56 | 72.1167 | 16342.48 | 6053.55 | 144.6 |
| 55 | | 18:30:56 | 73.6167 | 16334.15 | 6099.37 | 144.3 |
| 56 | | 18:33:56 | 73.6667 | Paused SDS unit, processed data | | |
| 57 | | 18:47:46 | 73.8972 | Reactivated unit | | |
| 58 | | 20:00:28 | 75.1089 | 16331.64 | 6144.04 | 144.0 |
| 59 | | 20:47:48 | 75.8978 | Paused SDS unit | | |
| 60 | | 21:05:56 | 76.2000 | Reactivated unit with new program | | |
| 61 | | | 76.2000 | New temp. sensor #13027148 | | |
| 62 | | 21:30:56 | 76.6167 | 16335.50 | 6192.75 | 110.3 |
| 63 | | 23:00:56 | 78.1167 | 16335.61 | 6232.50 | 111.3 |
| 64 | | 00:30:56 | 79.6167 | 16331.61 | 6269.27 | 109.3 |
| 65 | | 02:00:56 | 81.1167 | 16328.59 | 6306.80 | 109.8 |
| 66 | | 03:30:56 | 82.6167 | 16330.37 | 6346.78 | 109.5 |
| 67 | | 05:00:56 | 84.1167 | 16331.94 | 6387.64 | 110.4 |
| 68 | | 06:30:56 | 85.6167 | 16327.46 | 6426.60 | 108.8 |
| 69 | | 08:00:56 | 87.1167 | 16324.61 | 6460.74 | 108.4 |
| 70 | | 09:30:56 | 88.6167 | 16316.57 | 6492.54 | 110.8 |
| 71 | | 11:00:56 | 90.1167 | 16304.49 | 6519.86 | 112.4 |
| 72 | | 12:30:56 | 91.6167 | 16301.41 | 6555.30 | 112.5 |
| 73 | | 14:00:56 | 93.1167 | 16293.99 | 6585.86 | 112.1 |
| 74 | | 15:30:56 | 94.6167 | 16291.34 | 6619.14 | 112.0 |
| 75 | | 17:00:56 | 96.1167 | 16288.57 | 6654.33 | 112.1 |
| 76 | | 18:30:56 | 97.6167 | 16289.72 | 6690.08 | 111.3 |
| 77 | | 20:00:56 | 99.1167 | 16292.93 | 6729.63 | 112.0 |
| 78 | | 21:30:56 | 100.6167 | 16300.43 | 6772.04 | 112.2 |
| 79 | | 21:57:26 | 101.0583 | Estimated time well shut in for build up | | |
| 80 | | 23:00:56 | 102.1167 | 21538.64 | 2173.65 | 75.2 |
| 81 | | 00:30:56 | 103.6167 | 21475.04 | 0.00 | 47.0 |
| 82 | | 02:00:56 | 105.1167 | 21424.36 | 0.00 | 33.5 |
| 83 | | 03:30:56 | 106.6167 | 21385.57 | 0.00 | 26.1 |
| 84 | | 05:00:56 | 108.1167 | 21358.09 | 0.00 | 20.5 |
| 85 | | 06:30:56 | 109.6167 | 21334.21 | 0.00 | 17.4 |
| 86 | | 08:00:56 | 111.1167 | 21310.30 | 0.00 | 16.0 |
| 87 | | 09:30:56 | 112.6167 | 21289.73 | 0.00 | 14.4 |
| 88 | | 11:00:56 | 114.1167 | 21273.33 | 0.00 | 13.0 |
| 89 | | 12:30:56 | 115.6167 | 21254.34 | 0.00 | 12.6 |
| 90 | | 14:00:56 | 117.1167 | 21234.24 | 0.00 | 12.8 |

Job Number: 6029
 Customer: Anderson Exploration Ltd.
 Wellname: Columbia et al Kotaneelee B-38
 Well Location: YT B-38
 Formation: Nahanni

FieldNotes



| Row | Date | Clk Tim | Cum Tim | Tbg Pres | Csg Pres | Temp1 |
|-----|------------|----------|----------|----------|----------|-------|
| | yy/mm/dd | clock | hr | kPa | kPa | C |
| 91 | 1998/08/19 | 15:30:56 | 118.6167 | 21209.37 | 0.00 | 14.6 |
| 92 | | 17:00:56 | 120.1167 | 21187.29 | 0.00 | 17.3 |
| 93 | | 18:30:56 | 121.6167 | 21174.73 | 0.00 | 17.8 |
| 94 | | 20:00:56 | 123.1167 | 21157.52 | 0.00 | 17.9 |
| 95 | | 21:30:56 | 124.6167 | 21170.28 | 0.00 | 14.4 |
| 96 | | 23:00:56 | 126.1167 | 21170.33 | 0.00 | 12.0 |
| 97 | | 00:30:56 | 127.6167 | 21165.60 | 0.00 | 10.7 |
| 98 | | 02:00:56 | 129.1167 | 21158.06 | 0.00 | 9.9 |
| 99 | | 03:30:56 | 130.6167 | 21144.08 | 0.00 | 9.9 |
| 100 | | 05:00:56 | 132.1167 | 21135.05 | 0.00 | 10.2 |
| 101 | | 06:30:56 | 133.6167 | 21124.36 | 0.00 | 10.9 |
| 102 | | 08:00:56 | 135.1167 | 21116.57 | 0.00 | 11.5 |
| 103 | | 09:30:56 | 136.6167 | 21104.64 | 0.00 | 12.3 |
| 104 | | 11:00:56 | 138.1167 | 21090.30 | 0.00 | 14.0 |
| 105 | | 12:30:56 | 139.6167 | 21075.20 | 0.00 | 15.7 |
| 106 | | 14:00:56 | 141.1167 | 21063.30 | 0.00 | 16.9 |
| 107 | | 15:30:56 | 142.6167 | 21053.13 | 0.00 | 18.4 |
| 108 | | 17:00:56 | 144.1167 | 21049.82 | 0.00 | 18.5 |
| 109 | | 18:30:56 | 145.6167 | 21047.79 | 0.00 | 18.3 |
| 110 | | 20:00:56 | 147.1167 | 21046.34 | 0.00 | 17.8 |
| 111 | | 21:30:56 | 148.6167 | 21046.90 | 0.00 | 17.3 |
| 112 | | 23:00:56 | 150.1167 | 21051.46 | 0.00 | 15.6 |
| 113 | | 00:30:56 | 151.6167 | 21048.22 | 0.00 | 14.4 |
| 114 | | 02:00:56 | 153.1167 | 21045.75 | 0.00 | 13.6 |
| 115 | | 03:30:56 | 154.6167 | 21042.57 | 0.00 | 13.1 |
| 116 | | 05:00:56 | 156.1167 | 21041.96 | 0.00 | 12.0 |
| 117 | | 06:30:56 | 157.6167 | 21041.73 | 0.00 | 11.5 |
| 118 | | 08:00:56 | 159.1167 | 21035.36 | 0.00 | 12.5 |
| 119 | | 09:30:56 | 160.6167 | 21019.14 | 0.00 | 15.5 |
| 120 | | 11:00:56 | 162.1167 | 21015.23 | 0.00 | 15.2 |
| 121 | | 12:30:56 | 163.6167 | 21009.90 | 0.00 | 15.8 |
| 122 | | 14:00:56 | 165.1167 | 21002.44 | 0.00 | 15.9 |
| 123 | | 15:30:56 | 166.6167 | 20988.10 | 0.00 | 20.1 |
| 124 | | 17:00:56 | 168.1167 | 20981.57 | 0.00 | 21.8 |
| 125 | | 18:30:56 | 169.6167 | 20974.97 | 0.00 | 22.0 |
| 126 | | 20:00:56 | 171.1167 | 20971.68 | 0.00 | 21.8 |
| 127 | | 21:30:56 | 172.6167 | 20983.38 | 0.00 | 19.4 |
| 128 | | 23:00:56 | 174.1167 | 20986.45 | 0.00 | 17.7 |
| 129 | | 00:30:56 | 175.6167 | 20985.18 | 0.00 | 16.8 |
| 130 | | 02:00:56 | 177.1167 | 20987.64 | 0.00 | 15.4 |
| 131 | | 03:30:56 | 178.6167 | 20988.24 | 0.00 | 14.3 |
| 132 | | 05:00:56 | 180.1167 | 20991.25 | 0.00 | 13.2 |
| 133 | | 06:30:56 | 181.6167 | 20989.83 | 0.00 | 12.3 |
| 134 | | 08:00:56 | 183.1167 | 20986.21 | 0.00 | 12.3 |
| 135 | | 09:30:56 | 184.6167 | 20981.38 | 0.00 | 12.2 |

Job Number: 6029
 Customer: Anderson Exploration Ltd.
 Wellname: Columbia et al Kotuneelee B-38
 Well Location: YT B-38
 Formation: Nahanni

FieldNotes



| Row | Date | Clk Tim | Cum Tim | Tbg Pres | Csg Pres | Temp1 |
|-----|------------|----------|----------|----------|----------|-------|
| | yy/mm/dd | clock | hr | kPa | kPa | C |
| 136 | 1998/08/22 | 11:00:56 | 186.1167 | 20974.44 | 0.00 | 13.4 |
| 137 | | 12:30:56 | 187.6167 | 20960.79 | 0.00 | 16.7 |
| 138 | | 14:00:56 | 189.1167 | 20948.13 | 0.00 | 19.1 |
| 139 | | 15:30:56 | 190.6167 | 20944.76 | 0.00 | 20.0 |
| 140 | | 17:00:56 | 192.1167 | 20943.16 | 0.00 | 20.4 |
| 141 | | 18:30:56 | 193.6167 | 20935.39 | 0.00 | 21.3 |
| 142 | | 20:00:56 | 195.1167 | 20934.08 | 0.00 | 20.1 |
| 143 | | 21:30:56 | 196.6167 | 20951.12 | 0.00 | 17.6 |
| 144 | | 23:00:56 | 198.1167 | 20956.10 | 0.00 | 16.1 |
| 145 | | 00:30:56 | 199.6167 | 20956.90 | 0.00 | 15.3 |
| 146 | | 02:00:56 | 201.1167 | 20957.08 | 0.00 | 14.7 |
| 147 | | 03:30:56 | 202.6167 | 20956.31 | 0.00 | 14.2 |
| 148 | | 05:00:56 | 204.1167 | 20955.01 | 0.00 | 13.9 |
| 149 | | 06:30:56 | 205.6167 | 20954.40 | 0.00 | 13.2 |
| 150 | | 08:00:56 | 207.1167 | 20953.06 | 0.00 | 13.1 |
| 151 | | 09:30:56 | 208.6167 | 20948.29 | 0.00 | 13.7 |
| 152 | | 11:00:56 | 210.1167 | 20946.62 | 0.00 | 13.9 |
| 153 | | 12:30:56 | 211.6167 | 20937.52 | 0.00 | 15.1 |
| 154 | | 14:00:56 | 213.1167 | 20924.37 | 0.00 | 17.8 |
| 155 | | 15:30:56 | 214.6167 | 20913.27 | 0.00 | 19.5 |
| 156 | | 17:00:56 | 216.1167 | 20919.50 | 0.00 | 19.9 |
| 157 | | 18:30:56 | 217.6167 | 20925.56 | 0.00 | 18.6 |
| 158 | | 20:00:56 | 219.1167 | 20926.83 | 0.00 | 17.5 |
| 159 | | 21:30:56 | 220.6167 | 20932.50 | 0.00 | 15.9 |
| 160 | | 23:00:56 | 222.1167 | 20938.18 | 0.00 | 14.4 |
| 161 | | 00:30:56 | 223.6167 | 20939.29 | 0.00 | 13.0 |
| 162 | | 02:00:56 | 225.1167 | 20944.80 | 0.00 | 10.9 |
| 163 | | 03:30:56 | 226.6167 | 20946.79 | 0.00 | 8.7 |
| 164 | | 05:00:56 | 228.1167 | 20947.21 | 0.00 | 8.4 |
| 165 | | 06:30:56 | 229.6167 | 20948.13 | 0.00 | 7.4 |
| 166 | | 08:00:56 | 231.1167 | 20942.77 | 0.00 | 8.2 |
| 167 | | 09:30:56 | 232.6167 | 20921.48 | 0.00 | 12.5 |
| 168 | | 11:00:56 | 234.1167 | 20903.59 | 0.00 | 17.0 |
| 169 | | 12:30:56 | 235.6167 | 20893.61 | 0.00 | 20.2 |
| 170 | | 14:00:56 | 237.1167 | 20890.75 | 0.00 | 21.1 |
| 171 | | 15:30:56 | 238.6167 | 20891.00 | 0.00 | 21.4 |
| 172 | | 17:00:56 | 240.1167 | 20894.32 | 0.00 | 20.7 |
| 173 | | 18:30:56 | 241.6167 | 20899.46 | 0.00 | 19.5 |
| 174 | | 20:00:56 | 243.1167 | 20905.56 | 0.00 | 17.8 |
| 175 | | 21:30:56 | 244.6167 | 20909.81 | 0.00 | 16.5 |
| 176 | | 23:00:56 | 246.1167 | 20913.98 | 0.00 | 15.4 |
| 177 | | 00:30:56 | 247.6167 | 20917.29 | 0.00 | 14.5 |
| 178 | | 02:00:56 | 249.1167 | 20918.07 | 0.00 | 13.6 |
| 179 | | 03:30:56 | 250.6167 | 20916.29 | 0.00 | 13.9 |
| 180 | | 05:00:56 | 252.1167 | 20915.50 | 0.00 | 13.4 |