

INTEGRATED PRODUCTION SERVICES



Project Management & Engineering

FLOW AND BUILDUP

APACHE CANADA LTD.

APACHE NOGHA M-17

300/m-17-66-36-125-0

FIELD: NOGHA

FORMATION: MOUNT CLARK "C"

MARCH 8 - MAY 12, 2004

(Data Supplied By: IPS Slickline Services)

DISTRIBUTION: ***WALTER STOCK***

PREPARED BY: ***CHRISTY NELSON***

DATE: ***May 14, 2004***

Project Management & Engineering, A Division of Integrated Production Services
Property Management Production Optimization Exploitation / Engineering Services Pressure Transient Analysis
1100, 840 – 7th Avenue S. W. Calgary, Alberta T2P 3G2 Tel: (403) 266-0909 Fax: (403) 269-4136
Website: www.ipsl.ca

**APACHE CANADA LTD.
APACHE NOGHA M-17
300/m-17-66-36-125-0
FIELD: NOGHA
FORMATION: MOUNT CLARK "C"
March 8 - May 12, 2004**

TEST INFORMATION:

Start of Test:	2004-03-08 19:35
Shut-in Date and Time:	2004-03-12 05:15
Final Test Date and Time:	2004-05-12 15:30
Top of Production Interval:	1411.00 mKB
Bottom of Production Interval:	1414.00 mKB
Mid Point of Perforations:	1412.50 mKB
KB Elevation:	350.00 m
GL Elevation:	344.00 m
Initial Tubing Pressure:	12627 kPa(a)
Initial Casing Pressure:	7516 kPa(a)
Final Tubing Pressure:	8393 kPa(a)
Final Casing Pressure:	7315 kPa(a)

GAUGE DATA:

	TOP GAUGE	BOTTOM GAUGE
Gauge Type:	Strain	Strain
Manufacturer:	Cal Scan	Cal Scan
Serial Number:	19153	19154
Pressure Range:	0-24132 kPa	0-24132 kPa
Resolution:	0.0003% FS	0.0003% FS
Accuracy:	0.0240% FS	0.0240% FS
Calibration Date:	September 16, 2003	September 16, 2003
Battery On Time:	March 08, 2004 19:35	March 08, 2004 19:35
Battery Off Time:	May 12, 2004 15:36	May 12, 2004 15:36
On Bottom Time:	March 08, 2004 21:03	March 08, 2004 21:03
Off Bottom Time:	May 12, 2004 13:42	May 12, 2004 13:42
Run Depth:	1410.50 mKB	1411.00 mKB

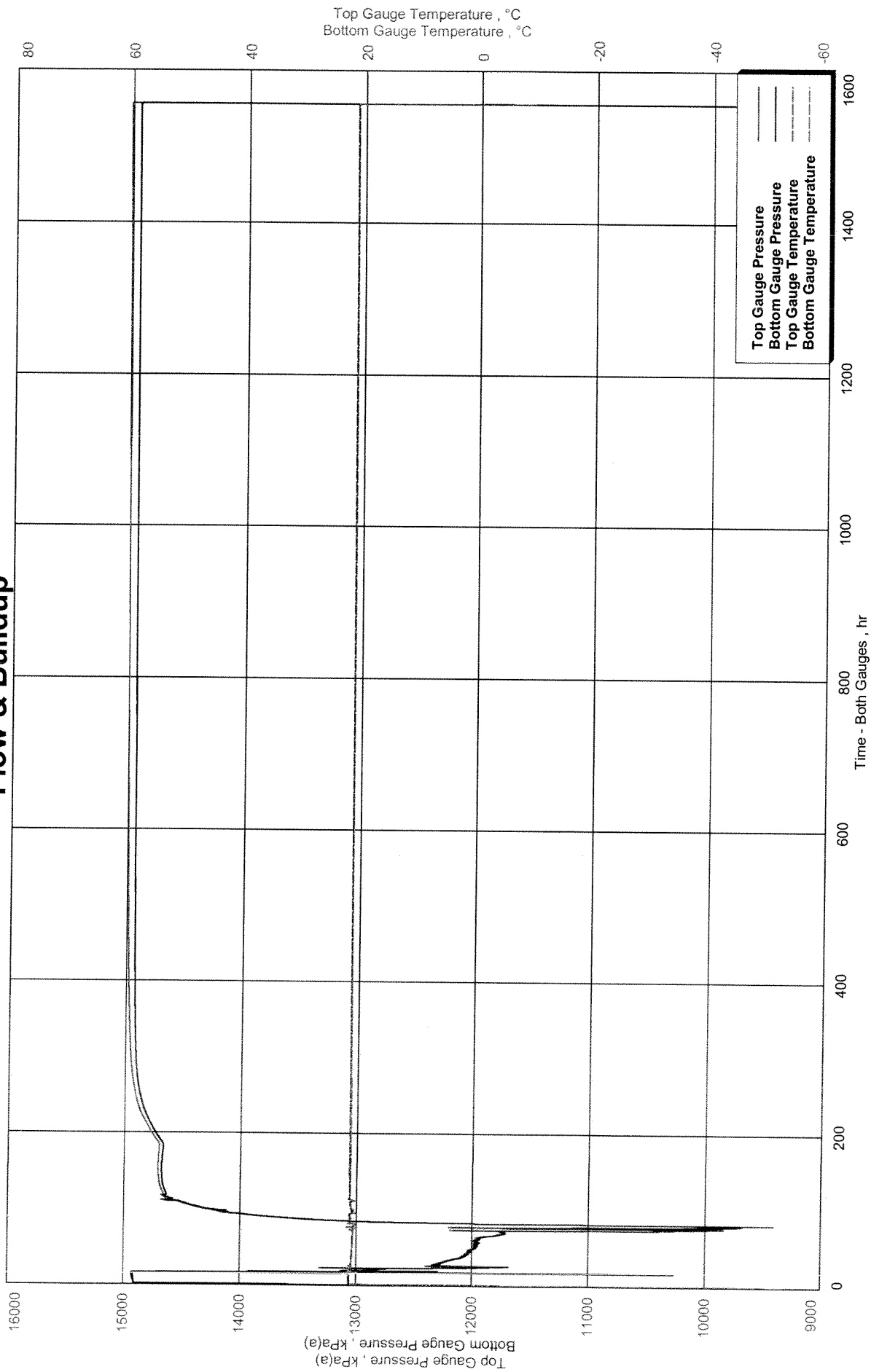
REMARKS:

- The bottom gauge is the source gauge (Gauge 1) in the pas file.

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

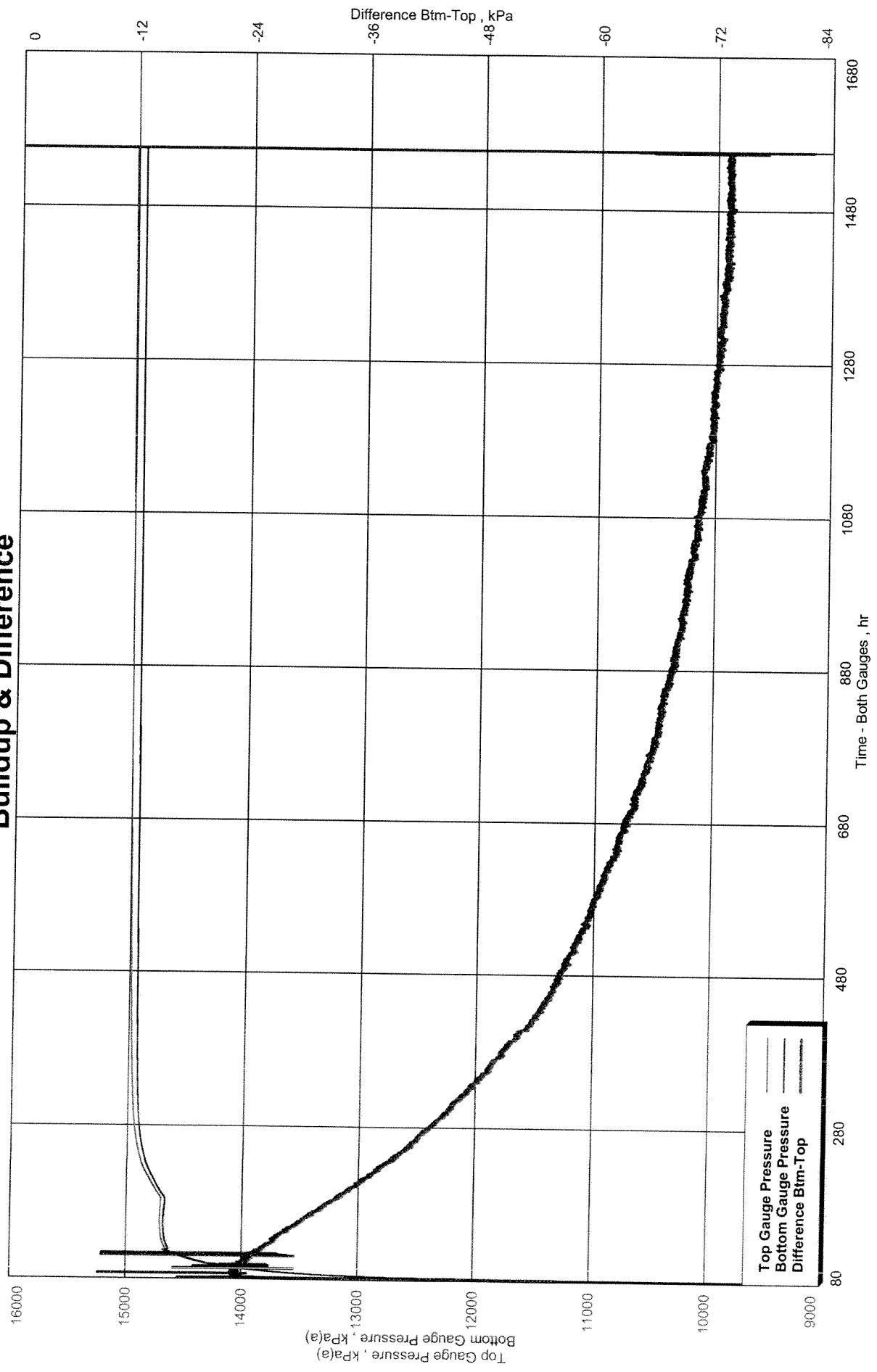
Flow & Buildup



Apache Canada Ltd.
 300/m-17-66-36-125-48/0
 Start Test Date: 2004/03/08
 Final Test Date: 2004/05/12

Apache Nogha M-17
 Formation: Mount Clark "C"

Buildup & Difference



Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

	Top Gauge Time	Top Gauge Pres.	Top Gauge Temp.	Top Gauge Date	Top Gauge Clk Time	Bottom Gauge Time	Bottom Gauge Pres.	Bottom Gauge Temp.	Bottom Gauge Date	Bottom Gauge Clk Time	Diff. Btm- Top	Bottom Gauge Comment
	hr	kPa(a)	°C	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	yyyy/mm/dd	hh:mm:ss	kPa	
1	0.0014	107.06	20.99	2004/03/08	19:35:05	0.0014	98.57	20.07	2004/03/08	19:35:05	-8.49	
2	3.1667	14909.94	21.31	2004/03/08	22:45:00	1.4667	14895.08	17.92	2004/03/08	21:03:00	-0.39	
3	6.5000	14919.56	21.34	2004/03/09	02:05:00	1.4833	14905.96	18.64	2004/03/08	21:03:59	-0.80	On Bottom
4	9.8333	14925.33	21.33	2004/03/09	05:24:59	1.5000	14907.04	19.19	2004/03/08	21:05:00	-1.07	
5	13.1667	14929.57	21.33	2004/03/09	08:45:00	3.1667	14909.78	21.13	2004/03/08	22:45:00	-0.16	
6	16.5000	14526.76	21.80	2004/03/09	12:05:00	6.5000	14912.05	21.16	2004/03/09	02:05:00	-7.51	
7	19.8333	12919.45	21.07	2004/03/09	15:24:59	9.8333	14914.58	21.16	2004/03/09	05:24:59	-10.75	
8	23.1667	12459.69	21.00	2004/03/09	18:45:00	13.1667	14916.72	21.15	2004/03/09	08:45:00	-12.85	
9	26.5000	12255.38	20.93	2004/03/09	22:05:00	16.5000	14512.71	21.62	2004/03/09	12:05:00	-14.05	
10	29.8333	12286.62	20.94	2004/03/10	01:24:59	19.8333	12903.57	20.89	2004/03/09	15:24:59	-15.88	
11	33.1667	12224.17	20.92	2004/03/10	04:45:00	23.1667	12443.35	20.82	2004/03/09	18:45:00	-16.34	
12	36.5000	12126.60	20.89	2004/03/10	08:05:00	26.5000	12238.12	20.76	2004/03/09	22:05:00	-17.26	
13	39.8333	12085.08	20.87	2004/03/10	11:24:59	29.8333	12268.52	20.77	2004/03/10	01:24:59	-18.10	
14	43.1667	12052.16	20.85	2004/03/10	14:45:00	33.1667	12205.81	20.75	2004/03/10	04:45:00	-18.36	
15	46.5000	12031.49	20.82	2004/03/10	18:05:00	36.5000	12107.88	20.73	2004/03/10	08:05:00	-18.72	
16	49.8333	11990.82	20.80	2004/03/10	21:24:59	39.8333	12066.03	20.70	2004/03/10	11:24:59	-19.05	
17	53.1667	11978.12	20.79	2004/03/11	00:45:00	43.1667	12031.77	20.68	2004/03/10	14:45:00	-20.39	
18	56.5000	11985.54	20.76	2004/03/11	04:05:00	46.5000	12010.89	20.65	2004/03/10	18:05:00	-20.60	
19	59.8333	11983.49	20.75	2004/03/11	07:24:59	49.8333	11970.52	20.64	2004/03/10	21:24:59	-20.30	
20	63.1667	11950.19	20.73	2004/03/11	10:45:00	53.1667	11957.00	20.62	2004/03/11	00:45:00	-21.12	
21	66.5000	11844.07	20.73	2004/03/11	14:05:00	56.5000	11963.90	20.60	2004/03/11	04:05:00	-21.64	
22	69.8333	11746.35	20.70	2004/03/11	17:24:59	59.8333	11961.86	20.58	2004/03/11	07:24:59	-21.63	
23	73.1667	11765.08	20.71	2004/03/11	20:45:00	63.1667	11928.15	20.57	2004/03/11	10:45:00	-22.04	
24	76.5000	9911.35	20.46	2004/03/12	00:05:00	66.5000	11821.15	20.56	2004/03/11	14:05:00	-22.92	
25	79.8333	9829.03	20.43	2004/03/12	03:24:59	69.8333	11723.19	20.54	2004/03/11	17:24:59	-23.16	
26	83.1667	12485.74	20.80	2004/03/12	06:45:00	73.1667	11741.90	20.55	2004/03/11	20:45:00	-23.18	
27	86.5000	13388.42	21.20	2004/03/12	10:05:00	76.5000	9886.53	20.31	2004/03/12	00:05:00	-24.82	
28	89.8333	13761.31	21.19	2004/03/12	13:24:59	79.8333	9804.37	20.27	2004/03/12	03:24:59	-24.66	
29	93.1667	13991.42	21.26	2004/03/12	16:45:00	81.6500	9517.44	20.25	2004/03/12	05:14:00	-22.57	
30	96.5000	14188.78	20.68	2004/03/12	20:05:00	81.6667	9490.31	20.23	2004/03/12	05:15:00	-21.92	Shut-In
31	99.8333	14302.90	20.64	2004/03/12	23:24:59	81.6833	9777.59	20.25	2004/03/12	05:15:59	-56.84	
32	103.1667	14404.13	21.06	2004/03/13	02:45:00	83.1667	12462.20	20.63	2004/03/12	06:45:00	-23.54	
33	106.5000	14483.41	21.15	2004/03/13	06:05:00	86.5000	13365.05	21.00	2004/03/12	10:05:00	-23.37	
34	109.8333	14546.11	21.17	2004/03/13	09:24:59	89.8333	13738.18	21.00	2004/03/12	13:24:59	-23.13	
35	113.1667	14638.90	21.28	2004/03/13	12:45:00	93.1667	13968.44	21.07	2004/03/12	16:45:00	-22.98	
36	116.5000	14667.18	21.23	2004/03/13	16:05:00	96.5000	14164.09	20.51	2004/03/12	20:05:00	-24.69	
37	119.8333	14658.83	21.22	2004/03/13	19:24:59	99.8333	14278.76	20.48	2004/03/12	23:24:59	-24.14	
38	123.1667	14670.35	21.23	2004/03/13	22:45:00	103.1667	14379.96	20.88	2004/03/13	02:45:00	-24.17	
39	126.5000	14679.76	21.24	2004/03/14	02:05:00	106.5000	14458.76	20.95	2004/03/13	06:05:00	-24.65	
40	129.8333	14687.08	21.24	2004/03/14	05:24:59	109.8333	14521.21	20.97	2004/03/13	09:24:59	-24.90	
41	133.1667	14692.50	21.25	2004/03/14	08:45:00	113.1667	14613.97	21.12	2004/03/13	12:45:00	-24.93	
42	136.5000	14696.02	21.25	2004/03/14	12:05:00	116.5000	14641.59	21.06	2004/03/13	16:05:00	-25.59	
43	139.8333	14698.86	21.25	2004/03/14	15:24:59	119.8333	14632.71	21.04	2004/03/13	19:24:59	-26.12	
44	143.1667	14700.61	21.25	2004/03/14	18:45:00	123.1667	14644.10	21.05	2004/03/13	22:45:00	-26.25	
45	146.5000	14702.47	21.25	2004/03/14	22:05:00	126.5000	14652.85	21.06	2004/03/14	02:05:00	-26.91	
46	149.8333	14704.07	21.26	2004/03/15	01:24:59	129.8333	14659.89	21.07	2004/03/14	05:24:59	-27.19	
47	153.1667	14705.04	21.25	2004/03/15	04:45:00	133.1667	14665.03	21.07	2004/03/14	08:45:00	-27.47	
48	156.5000	14705.11	21.26	2004/03/15	08:05:00	136.5000	14668.33	21.07	2004/03/14	12:05:00	-27.69	
49	159.8333	14704.77	21.25	2004/03/15	11:24:59	139.8333	14670.92	21.07	2004/03/14	15:24:59	-27.94	
50	163.1667	14703.95	21.26	2004/03/15	14:45:00	143.1667	14672.09	21.08	2004/03/14	18:45:00	-28.52	
51	166.5000	14703.02	21.26	2004/03/15	18:05:00	146.5000	14673.67	21.08	2004/03/14	22:05:00	-28.80	
52	169.8333	14701.79	21.25	2004/03/15	21:24:59	149.8333	14674.67	21.08	2004/03/15	01:24:59	-29.40	

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00

Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00

Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Diff. Btm- Top kPa	Bottom Gauge Comment
53	173.1667	14700.18	21.25	2004/03/16	00:45:00	153.1667	14675.26	21.08	2004/03/15	04:45:00	-29.78	
54	176.5000	14698.31	21.26	2004/03/16	04:05:00	156.5000	14674.99	21.08	2004/03/15	08:05:00	-30.12	
55	179.8333	14697.95	21.26	2004/03/16	07:24:59	159.8333	14674.38	21.08	2004/03/15	11:24:59	-30.39	
56	183.1667	14696.53	21.26	2004/03/16	10:45:00	163.1667	14673.24	21.08	2004/03/15	14:45:00	-30.71	
57	186.5000	14702.77	21.26	2004/03/16	14:05:00	166.5000	14671.80	21.08	2004/03/15	18:05:00	-31.22	
58	189.8333	14719.23	21.27	2004/03/16	17:24:59	169.8333	14670.03	21.08	2004/03/15	21:24:59	-31.76	
59	193.1667	14734.81	21.28	2004/03/16	20:45:00	173.1667	14668.17	21.08	2004/03/16	00:45:00	-32.01	
60	196.5000	14750.08	21.28	2004/03/17	00:05:00	176.5000	14665.83	21.08	2004/03/16	04:05:00	-32.48	
61	199.8333	14764.52	21.27	2004/03/17	03:24:59	179.8333	14665.01	21.08	2004/03/16	07:24:59	-32.94	
62	203.1667	14778.43	21.27	2004/03/17	06:45:00	183.1667	14663.36	21.08	2004/03/16	10:45:00	-33.17	
63	206.5000	14790.61	21.26	2004/03/17	10:05:00	186.5000	14669.04	21.09	2004/03/16	14:05:00	-33.73	
64	209.8333	14803.07	21.25	2004/03/17	13:24:59	189.8333	14685.20	21.10	2004/03/16	17:24:59	-34.03	
65	213.1667	14815.39	21.25	2004/03/17	16:45:00	193.1667	14700.32	21.10	2004/03/16	20:45:00	-34.49	
66	216.5000	14827.79	21.26	2004/03/17	20:05:00	196.5000	14714.97	21.10	2004/03/17	00:05:00	-35.11	
67	219.8333	14839.55	21.27	2004/03/17	23:24:59	199.8333	14729.42	21.10	2004/03/17	03:24:59	-35.10	
68	223.1667	14850.43	21.28	2004/03/18	02:45:00	203.1667	14742.71	21.09	2004/03/17	06:45:00	-35.72	
69	226.5000	14860.26	21.28	2004/03/18	06:05:00	206.5000	14754.81	21.08	2004/03/17	10:05:00	-35.80	
70	229.8333	14868.99	21.28	2004/03/18	09:24:59	209.8333	14766.67	21.08	2004/03/17	13:24:59	-36.40	
71	233.1667	14876.72	21.28	2004/03/18	12:45:00	213.1667	14778.67	21.08	2004/03/17	16:45:00	-36.72	
72	236.5000	14884.03	21.27	2004/03/18	16:05:00	216.5000	14790.77	21.08	2004/03/17	20:05:00	-37.02	
73	239.8333	14890.70	21.26	2004/03/18	19:24:59	219.8333	14801.92	21.09	2004/03/17	23:24:59	-37.63	
74	243.1667	14896.60	21.27	2004/03/18	22:45:00	223.1667	14812.55	21.10	2004/03/18	02:45:00	-37.88	
75	246.5000	14902.39	21.27	2004/03/19	02:05:00	226.5000	14822.10	21.10	2004/03/18	06:05:00	-38.16	
76	249.8333	14907.82	21.27	2004/03/19	05:24:59	229.8333	14830.62	21.11	2004/03/18	09:24:59	-38.37	
77	253.1667	14912.62	21.27	2004/03/19	08:45:00	233.1667	14837.89	21.10	2004/03/18	12:45:00	-38.83	
78	256.5000	14917.23	21.27	2004/03/19	12:05:00	236.5000	14844.76	21.09	2004/03/18	16:05:00	-39.27	
79	259.8333	14921.47	21.27	2004/03/19	15:24:59	239.8333	14850.95	21.09	2004/03/18	19:24:59	-39.75	
80	263.1667	14925.56	21.27	2004/03/19	18:45:00	243.1667	14856.79	21.10	2004/03/18	22:45:00	-39.81	
81	266.5000	14929.23	21.27	2004/03/19	22:05:00	246.5000	14862.10	21.10	2004/03/19	02:05:00	-40.29	
82	269.8333	14932.56	21.27	2004/03/20	01:24:59	249.8333	14866.94	21.09	2004/03/19	05:24:59	-40.88	
83	273.1667	14935.57	21.28	2004/03/20	04:45:00	253.1667	14871.79	21.10	2004/03/19	08:45:00	-40.83	
84	276.5000	14938.50	21.28	2004/03/20	08:05:00	256.5000	14876.13	21.10	2004/03/19	12:05:00	-41.10	
85	279.8333	14941.26	21.28	2004/03/20	11:24:59	259.8333	14880.09	21.10	2004/03/19	15:24:59	-41.38	
86	283.1667	14943.82	21.28	2004/03/20	14:45:00	263.1667	14883.74	21.10	2004/03/19	18:45:00	-41.82	
87	286.5000	14946.17	21.28	2004/03/20	18:05:00	266.5000	14887.05	21.10	2004/03/19	22:05:00	-42.18	
88	289.8333	14948.31	21.28	2004/03/20	21:24:59	269.8333	14890.22	21.10	2004/03/20	01:24:59	-42.34	
89	293.1667	14950.28	21.28	2004/03/21	00:45:00	273.1667	14892.94	21.10	2004/03/20	04:45:00	-42.63	
90	296.5000	14952.19	21.28	2004/03/21	04:05:00	276.5000	14895.69	21.10	2004/03/20	08:05:00	-42.81	
91	299.8333	14953.64	21.28	2004/03/21	07:24:59	279.8333	14898.05	21.10	2004/03/20	11:24:59	-43.21	
92	303.1667	14955.23	21.28	2004/03/21	10:45:00	283.1667	14900.29	21.10	2004/03/20	14:45:00	-43.53	
93	306.5000	14956.55	21.28	2004/03/21	14:05:00	286.5000	14902.34	21.10	2004/03/20	18:05:00	-43.83	
94	309.8333	14958.14	21.28	2004/03/21	17:24:59	289.8333	14904.19	21.11	2004/03/20	21:24:59	-44.12	
95	313.1667	14959.27	21.28	2004/03/21	20:45:00	293.1667	14905.83	21.11	2004/03/21	00:45:00	-44.45	
96	316.5000	14960.37	21.28	2004/03/22	00:05:00	296.5000	14907.51	21.11	2004/03/21	04:05:00	-44.68	
97	319.8333	14961.76	21.28	2004/03/22	03:24:59	299.8333	14908.65	21.11	2004/03/21	07:24:59	-44.99	
98	323.1667	14962.61	21.28	2004/03/22	06:45:00	303.1667	14909.86	21.11	2004/03/21	10:45:00	-45.37	
99	326.5000	14963.71	21.28	2004/03/22	10:05:00	306.5000	14911.20	21.11	2004/03/21	14:05:00	-45.35	
100	329.8333	14964.49	21.28	2004/03/22	13:24:59	309.8333	14912.40	21.11	2004/03/21	17:24:59	-45.74	
101	333.1667	14965.43	21.28	2004/03/22	16:45:00	313.1667	14913.41	21.11	2004/03/21	20:45:00	-45.86	
102	336.5000	14966.22	21.28	2004/03/22	20:05:00	316.5000	14914.28	21.11	2004/03/22	00:05:00	-46.09	
103	339.8333	14967.03	21.28	2004/03/22	23:24:59	319.8333	14915.17	21.11	2004/03/22	03:24:59	-46.59	
104	343.1667	14967.85	21.28	2004/03/23	02:45:00	323.1667	14915.93	21.11	2004/03/22	06:45:00	-46.68	

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Diff. Btm- Top kPa	Bottom Gauge Comment
105	346.5000	14968.60	21.28	2004/03/23	06:05:00	326.5000	14916.63	21.11	2004/03/22	10:05:00	-47.08	
106	349.8333	14969.39	21.29	2004/03/23	09:24:59	329.8333	14917.20	21.11	2004/03/22	13:24:59	-47.29	
107	353.1667	14970.13	21.28	2004/03/23	12:45:00	333.1667	14917.95	21.11	2004/03/22	16:45:00	-47.48	
108	356.5000	14970.58	21.28	2004/03/23	16:05:00	336.5000	14918.44	21.11	2004/03/22	20:05:00	-47.78	
109	359.8333	14971.44	21.29	2004/03/23	19:24:59	339.8333	14918.98	21.11	2004/03/22	23:24:59	-48.05	
110	363.1667	14971.83	21.28	2004/03/23	22:45:00	343.1667	14919.50	21.11	2004/03/23	02:45:00	-48.35	
111	366.5000	14972.45	21.28	2004/03/24	02:05:00	346.5000	14920.03	21.11	2004/03/23	06:05:00	-48.57	
112	369.8333	14973.08	21.29	2004/03/24	05:24:59	349.8333	14920.46	21.11	2004/03/23	09:24:59	-48.93	
113	373.1667	14973.81	21.28	2004/03/24	08:45:00	353.1667	14920.91	21.11	2004/03/23	12:45:00	-49.22	
114	376.5000	14974.22	21.28	2004/03/24	12:05:00	356.5000	14921.49	21.11	2004/03/23	16:05:00	-49.09	
115	379.8333	14974.68	21.29	2004/03/24	15:24:59	359.8333	14921.82	21.11	2004/03/23	19:24:59	-49.62	
116	383.1667	14975.10	21.28	2004/03/24	18:45:00	363.1667	14922.24	21.11	2004/03/23	22:45:00	-49.59	
117	386.5000	14975.69	21.29	2004/03/24	22:05:00	366.5000	14922.70	21.11	2004/03/24	02:05:00	-49.75	
118	389.8333	14976.12	21.28	2004/03/25	01:24:59	369.8333	14922.93	21.11	2004/03/24	05:24:59	-50.15	
119	393.1667	14976.70	21.28	2004/03/25	04:45:00	373.1667	14923.36	21.11	2004/03/24	08:45:00	-50.45	
120	396.5000	14977.43	21.29	2004/03/25	08:05:00	376.5000	14923.68	21.11	2004/03/24	12:05:00	-50.54	
121	399.8333	14977.79	21.28	2004/03/25	11:24:59	379.8333	14923.95	21.11	2004/03/24	15:24:59	-50.73	
122	403.1667	14978.07	21.29	2004/03/25	14:45:00	383.1667	14924.26	21.11	2004/03/24	18:45:00	-50.84	
123	406.5000	14978.47	21.29	2004/03/25	18:05:00	386.5000	14924.59	21.11	2004/03/24	22:05:00	-51.10	
124	409.8333	14979.40	21.28	2004/03/25	21:24:59	389.8333	14924.88	21.11	2004/03/25	01:24:59	-51.24	
125	413.1667	14979.85	21.28	2004/03/26	00:45:00	393.1667	14925.04	21.11	2004/03/25	04:45:00	-51.66	
126	416.5000	14980.23	21.29	2004/03/26	04:05:00	396.5000	14925.33	21.11	2004/03/25	08:05:00	-52.10	
127	419.8333	14980.55	21.29	2004/03/26	07:24:59	399.8333	14925.53	21.11	2004/03/25	11:24:59	-52.26	
128	423.1667	14981.04	21.28	2004/03/26	10:45:00	403.1667	14925.74	21.11	2004/03/25	14:45:00	-52.33	
129	426.5000	14981.27	21.28	2004/03/26	14:05:00	406.5000	14926.09	21.11	2004/03/25	18:05:00	-52.38	
130	429.8333	14981.69	21.29	2004/03/26	17:24:59	409.8333	14926.34	21.11	2004/03/25	21:24:59	-53.06	
131	433.1667	14981.88	21.28	2004/03/26	20:45:00	413.1667	14926.38	21.11	2004/03/26	00:45:00	-53.47	
132	436.5000	14982.20	21.29	2004/03/27	00:05:00	416.5000	14926.56	21.11	2004/03/26	04:05:00	-53.67	
133	439.8333	14982.50	21.29	2004/03/27	03:24:59	419.8333	14926.75	21.11	2004/03/26	07:24:59	-53.80	
134	443.1667	14983.06	21.28	2004/03/27	06:45:00	423.1667	14927.13	21.12	2004/03/26	10:45:00	-53.91	
135	446.5000	14983.19	21.28	2004/03/27	10:05:00	426.5000	14927.19	21.12	2004/03/26	14:05:00	-54.08	
136	449.8333	14983.56	21.28	2004/03/27	13:24:59	429.8333	14927.21	21.11	2004/03/26	17:24:59	-54.48	
137	453.1667	14983.82	21.29	2004/03/27	16:45:00	433.1667	14927.41	21.12	2004/03/26	20:45:00	-54.47	
138	456.5000	14984.22	21.29	2004/03/27	20:05:00	436.5000	14927.62	21.12	2004/03/27	00:05:00	-54.58	
139	459.8333	14984.39	21.29	2004/03/27	23:24:59	439.8333	14927.68	21.11	2004/03/27	03:24:59	-54.82	
140	463.1667	14984.77	21.29	2004/03/28	02:45:00	443.1667	14928.03	21.12	2004/03/27	06:45:00	-55.03	
141	466.5000	14984.92	21.29	2004/03/28	06:05:00	446.5000	14927.98	21.11	2004/03/27	10:05:00	-55.21	
142	469.8333	14985.22	21.29	2004/03/28	09:24:59	449.8333	14928.13	21.11	2004/03/27	13:24:59	-55.43	
143	473.1667	14985.38	21.29	2004/03/28	12:45:00	453.1667	14928.32	21.11	2004/03/27	16:45:00	-55.50	
144	476.5000	14985.72	21.29	2004/03/28	16:05:00	456.5000	14928.41	21.11	2004/03/27	20:05:00	-55.81	
145	479.8333	14985.94	21.29	2004/03/28	19:24:59	459.8333	14928.55	21.11	2004/03/27	23:24:59	-55.84	
146	483.1667	14985.92	21.29	2004/03/28	22:45:00	463.1667	14928.71	21.11	2004/03/28	02:45:00	-56.06	
147	486.5000	14986.07	21.29	2004/03/29	02:05:00	466.5000	14928.84	21.12	2004/03/28	06:05:00	-56.08	
148	489.8333	14986.63	21.29	2004/03/29	05:24:59	469.8333	14928.93	21.11	2004/03/28	09:24:59	-56.29	
149	493.1667	14986.74	21.29	2004/03/29	08:45:00	473.1667	14929.06	21.11	2004/03/28	12:45:00	-56.32	
150	496.5000	14986.73	21.29	2004/03/29	12:05:00	476.5000	14929.18	21.11	2004/03/28	16:05:00	-56.54	
151	499.8333	14987.09	21.29	2004/03/29	15:24:59	479.8333	14929.41	21.11	2004/03/28	19:24:59	-56.53	
152	503.1667	14987.36	21.29	2004/03/29	18:45:00	483.1667	14929.42	21.12	2004/03/28	22:45:00	-56.50	
153	506.5000	14987.39	21.29	2004/03/29	22:05:00	486.5000	14929.34	21.11	2004/03/29	02:05:00	-56.73	
154	509.8333	14987.63	21.29	2004/03/30	01:24:59	489.8333	14929.59	21.12	2004/03/29	05:24:59	-57.04	
155	513.1667	14988.10	21.29	2004/03/30	04:45:00	493.1667	14929.72	21.12	2004/03/29	08:45:00	-57.02	
156	516.5000	14988.13	21.29	2004/03/30	08:05:00	496.5000	14929.80	21.12	2004/03/29	12:05:00	-56.93	

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00

Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00

Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Diff. Btm- Top kPa	Bottom Gauge Comment
157	519.8333	14988.09	21.29	2004/03/30	11:24:59	499.8333	14929.76	21.11	2004/03/29	15:24:59	-57.33	
158	523.1667	14988.49	21.29	2004/03/30	14:45:00	503.1667	14929.75	21.11	2004/03/29	18:45:00	-57.61	
159	526.5000	14988.63	21.29	2004/03/30	18:05:00	506.5000	14929.92	21.11	2004/03/29	22:05:00	-57.47	
160	529.8333	14988.75	21.29	2004/03/30	21:24:59	509.8333	14929.98	21.12	2004/03/30	01:24:59	-57.65	
161	533.1667	14988.89	21.29	2004/03/31	00:45:00	513.1667	14930.09	21.12	2004/03/30	04:45:00	-58.01	
162	536.5000	14989.38	21.29	2004/03/31	04:05:00	516.5000	14930.06	21.11	2004/03/30	08:05:00	-58.07	
163	539.8333	14989.55	21.29	2004/03/31	07:24:59	519.8333	14930.12	21.12	2004/03/30	11:24:59	-57.97	
164	543.1667	14989.90	21.29	2004/03/31	10:45:00	523.1667	14930.20	21.11	2004/03/30	14:45:00	-58.29	
165	546.5000	14990.22	21.29	2004/03/31	14:05:00	526.5000	14930.23	21.11	2004/03/30	18:05:00	-58.40	
166	549.8333	14989.96	21.29	2004/03/31	17:24:59	529.8333	14930.32	21.11	2004/03/30	21:24:59	-58.43	
167	553.1667	14990.29	21.29	2004/03/31	20:45:00	533.1667	14930.37	21.11	2004/03/31	00:45:00	-58.52	
168	556.5000	14990.34	21.29	2004/04/01	00:05:00	536.5000	14930.41	21.11	2004/03/31	04:05:00	-58.97	
169	559.8333	14990.78	21.29	2004/04/01	03:24:59	539.8333	14930.69	21.12	2004/03/31	07:24:59	-58.86	
170	563.1667	14990.84	21.29	2004/04/01	06:45:00	543.1667	14930.75	21.12	2004/03/31	10:45:00	-59.15	
171	566.5000	14991.03	21.29	2004/04/01	10:05:00	546.5000	14930.75	21.12	2004/03/31	14:05:00	-59.47	
172	569.8333	14991.13	21.29	2004/04/01	13:24:59	549.8333	14930.89	21.12	2004/03/31	17:24:59	-59.07	
173	573.1667	14991.37	21.29	2004/04/01	16:45:00	553.1667	14930.86	21.12	2004/03/31	20:45:00	-59.43	
174	576.5000	14991.54	21.29	2004/04/01	20:05:00	556.5000	14931.06	21.12	2004/04/01	00:05:00	-59.28	
175	579.8333	14991.62	21.29	2004/04/01	23:24:59	559.8333	14931.11	21.12	2004/04/01	03:24:59	-59.67	
176	583.1667	14991.95	21.29	2004/04/02	02:45:00	563.1667	14931.19	21.12	2004/04/01	06:45:00	-59.65	
177	586.5000	14992.11	21.29	2004/04/02	06:05:00	566.5000	14931.25	21.12	2004/04/01	10:05:00	-59.78	
178	589.8333	14992.19	21.29	2004/04/02	09:24:59	569.8333	14931.37	21.12	2004/04/01	13:24:59	-59.76	
179	593.1667	14992.53	21.29	2004/04/02	12:45:00	573.1667	14931.44	21.12	2004/04/01	16:45:00	-59.93	
180	596.5000	14992.60	21.29	2004/04/02	16:05:00	576.5000	14931.62	21.12	2004/04/01	20:05:00	-59.92	
181	599.8333	14992.67	21.29	2004/04/02	19:24:59	579.8333	14931.75	21.12	2004/04/01	23:24:59	-59.87	
182	603.1667	14992.81	21.29	2004/04/02	22:45:00	583.1667	14931.73	21.12	2004/04/02	02:45:00	-60.22	
183	606.5000	14992.89	21.29	2004/04/03	02:05:00	586.5000	14931.80	21.12	2004/04/02	06:05:00	-60.31	
184	609.8333	14993.12	21.29	2004/04/03	05:24:59	589.8333	14931.88	21.12	2004/04/02	09:24:59	-60.31	
185	613.1667	14993.20	21.29	2004/04/03	08:45:00	593.1667	14931.84	21.12	2004/04/02	12:45:00	-60.69	
186	616.5000	14993.28	21.29	2004/04/03	12:05:00	596.5000	14931.91	21.12	2004/04/02	16:05:00	-60.69	
187	619.8333	14993.49	21.29	2004/04/03	15:24:59	599.8333	14931.99	21.12	2004/04/02	19:24:59	-60.68	
188	623.1667	14993.66	21.29	2004/04/03	18:45:00	603.1667	14931.83	21.12	2004/04/02	22:45:00	-60.98	
189	626.5000	14993.87	21.29	2004/04/03	22:05:00	606.5000	14931.96	21.12	2004/04/03	02:05:00	-60.93	
190	629.8333	14993.82	21.29	2004/04/04	01:24:59	609.8333	14932.03	21.12	2004/04/03	05:24:59	-61.09	
191	633.1667	14994.04	21.29	2004/04/04	04:45:00	613.1667	14932.00	21.12	2004/04/03	08:45:00	-61.20	
192	636.5000	14994.21	21.29	2004/04/04	08:05:00	616.5000	14932.14	21.12	2004/04/03	12:05:00	-61.14	
193	639.8333	14994.47	21.29	2004/04/04	11:24:59	619.8333	14932.31	21.12	2004/04/03	15:24:59	-61.18	
194	643.1667	14994.76	21.29	2004/04/04	14:45:00	623.1667	14932.23	21.12	2004/04/03	18:45:00	-61.43	
195	646.5000	14994.63	21.29	2004/04/04	18:05:00	626.5000	14932.23	21.12	2004/04/03	22:05:00	-61.64	
196	649.8333	14994.72	21.29	2004/04/04	21:24:59	629.8333	14932.21	21.12	2004/04/04	01:24:59	-61.61	
197	653.1667	14994.75	21.29	2004/04/05	00:45:00	633.1667	14932.10	21.12	2004/04/04	04:45:00	-61.94	
198	656.5000	14995.03	21.29	2004/04/05	04:05:00	636.5000	14932.24	21.12	2004/04/04	08:05:00	-61.97	
199	659.8333	14995.27	21.29	2004/04/05	07:24:59	639.8333	14932.23	21.12	2004/04/04	11:24:59	-62.24	
200	663.1667	14995.36	21.29	2004/04/05	10:45:00	643.1667	14932.34	21.12	2004/04/04	14:45:00	-62.42	
201	666.5000	14995.35	21.29	2004/04/05	14:05:00	646.5000	14932.46	21.12	2004/04/04	18:05:00	-62.17	
202	669.8333	14995.86	21.29	2004/04/05	17:24:59	649.8333	14932.32	21.12	2004/04/04	21:24:59	-62.40	
203	673.1667	14995.84	21.29	2004/04/05	20:45:00	653.1667	14932.42	21.12	2004/04/05	00:45:00	-62.33	
204	676.5000	14996.07	21.29	2004/04/06	00:05:00	656.5000	14932.52	21.12	2004/04/05	04:05:00	-62.51	
205	679.8333	14996.10	21.29	2004/04/06	03:24:59	659.8333	14932.56	21.12	2004/04/05	07:24:59	-62.71	
206	683.1667	14996.32	21.29	2004/04/06	06:45:00	663.1667	14932.80	21.12	2004/04/05	10:45:00	-62.56	
207	686.5000	14996.41	21.29	2004/04/06	10:05:00	666.5000	14932.68	21.12	2004/04/05	14:05:00	-62.67	
208	689.8333	14996.53	21.29	2004/04/06	13:24:59	669.8333	14932.81	21.12	2004/04/05	17:24:59	-63.05	

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Diff. Btm- Top kPa	Bottom Gauge Comment
209	693.1667	14996.66	21.29	2004/04/06	16:45:00	673.1667	14932.96	21.12	2004/04/05	20:45:00	-62.88	
210	696.5000	14996.90	21.29	2004/04/06	20:05:00	676.5000	14933.03	21.12	2004/04/06	00:05:00	-63.04	
211	699.8333	14997.09	21.29	2004/04/06	23:24:59	679.8333	14933.00	21.12	2004/04/06	03:24:59	-63.10	
212	703.1667	14997.29	21.29	2004/04/07	02:45:00	683.1667	14933.20	21.12	2004/04/06	06:45:00	-63.12	
213	706.5000	14997.39	21.29	2004/04/07	06:05:00	686.5000	14933.16	21.12	2004/04/06	10:05:00	-63.25	
214	709.8333	14997.43	21.29	2004/04/07	09:24:59	689.8333	14933.20	21.12	2004/04/06	13:24:59	-63.33	
215	713.1667	14997.47	21.29	2004/04/07	12:45:00	693.1667	14933.12	21.12	2004/04/06	16:45:00	-63.54	
216	716.5000	14997.59	21.29	2004/04/07	16:05:00	696.5000	14933.05	21.12	2004/04/06	20:05:00	-63.85	
217	719.8333	14997.76	21.29	2004/04/07	19:24:59	699.8333	14933.11	21.12	2004/04/06	23:24:59	-63.98	
218	723.1667	14998.11	21.30	2004/04/07	22:45:00	703.1667	14933.19	21.12	2004/04/07	02:45:00	-64.10	
219	726.5000	14998.30	21.29	2004/04/08	02:05:00	706.5000	14933.36	21.12	2004/04/07	06:05:00	-64.03	
220	729.8333	14998.32	21.29	2004/04/08	05:24:59	709.8333	14933.33	21.12	2004/04/07	09:24:59	-64.10	
221	733.1667	14998.31	21.29	2004/04/08	08:45:00	713.1667	14933.45	21.12	2004/04/07	12:45:00	-64.02	
222	736.5000	14998.45	21.29	2004/04/08	12:05:00	716.5000	14933.45	21.12	2004/04/07	16:05:00	-64.14	
223	739.8333	14998.55	21.29	2004/04/08	15:24:59	719.8333	14933.50	21.12	2004/04/07	19:24:59	-64.26	
224	743.1667	14998.70	21.29	2004/04/08	18:45:00	723.1667	14933.66	21.12	2004/04/07	22:45:00	-64.45	
225	746.5000	14998.85	21.29	2004/04/08	22:05:00	726.5000	14933.70	21.12	2004/04/08	02:05:00	-64.60	
226	749.8333	14998.93	21.29	2004/04/09	01:24:59	729.8333	14933.68	21.12	2004/04/08	05:24:59	-64.64	
227	753.1667	14999.51	21.29	2004/04/09	04:45:00	733.1667	14933.73	21.12	2004/04/08	08:45:00	-64.58	
228	756.5000	14999.44	21.29	2004/04/09	08:05:00	736.5000	14933.59	21.12	2004/04/08	12:05:00	-64.86	
229	759.8333	14999.43	21.29	2004/04/09	11:24:59	739.8333	14933.76	21.12	2004/04/08	15:24:59	-64.79	
230	763.1667	14999.53	21.29	2004/04/09	14:45:00	743.1667	14933.73	21.12	2004/04/08	18:45:00	-64.97	
231	766.5000	14999.55	21.29	2004/04/09	18:05:00	746.5000	14933.82	21.12	2004/04/08	22:05:00	-65.03	
232	769.8333	14999.67	21.30	2004/04/09	21:24:59	749.8333	14933.94	21.12	2004/04/09	01:24:59	-64.99	
233	773.1667	14999.88	21.29	2004/04/10	00:45:00	753.1667	14934.07	21.12	2004/04/09	04:45:00	-65.44	
234	776.5000	14999.85	21.29	2004/04/10	04:05:00	756.5000	14934.15	21.12	2004/04/09	08:05:00	-65.29	
235	779.8333	14999.90	21.29	2004/04/10	07:24:59	759.8333	14934.11	21.12	2004/04/09	11:24:59	-65.32	
236	783.1667	15000.10	21.29	2004/04/10	10:45:00	763.1667	14934.04	21.12	2004/04/09	14:45:00	-65.49	
237	786.5000	15000.13	21.29	2004/04/10	14:05:00	766.5000	14933.91	21.12	2004/04/09	18:05:00	-65.64	
238	789.8333	15000.20	21.29	2004/04/10	17:24:59	769.8333	14934.08	21.12	2004/04/09	21:24:59	-65.59	
239	793.1667	15000.17	21.29	2004/04/10	20:45:00	773.1667	14933.92	21.12	2004/04/10	00:45:00	-65.96	
240	796.5000	15000.32	21.29	2004/04/11	00:05:00	776.5000	14934.05	21.12	2004/04/10	04:05:00	-65.80	
241	799.8333	15000.54	21.29	2004/04/11	03:24:59	779.8333	14934.11	21.12	2004/04/10	07:24:59	-65.79	
242	803.1667	15000.68	21.29	2004/04/11	06:45:00	783.1667	14934.12	21.12	2004/04/10	10:45:00	-65.98	
243	806.5000	15000.79	21.29	2004/04/11	10:05:00	786.5000	14933.96	21.12	2004/04/10	14:05:00	-66.17	
244	809.8333	15000.87	21.30	2004/04/11	13:24:59	789.8333	14934.09	21.12	2004/04/10	17:24:59	-66.11	
245	813.1667	15000.90	21.30	2004/04/11	16:45:00	793.1667	14933.94	21.12	2004/04/10	20:45:00	-66.23	
246	816.5000	15001.00	21.29	2004/04/11	20:05:00	796.5000	14934.10	21.12	2004/04/11	00:05:00	-66.22	
247	819.8333	15001.17	21.29	2004/04/11	23:24:59	799.8333	14934.14	21.12	2004/04/11	03:24:59	-66.40	
248	823.1667	15001.15	21.29	2004/04/12	02:45:00	803.1667	14934.44	21.12	2004/04/11	06:45:00	-66.24	
249	826.5000	15001.35	21.29	2004/04/12	06:05:00	806.5000	14934.47	21.12	2004/04/11	10:05:00	-66.32	
250	829.8333	15001.56	21.30	2004/04/12	09:24:59	809.8333	14934.42	21.12	2004/04/11	13:24:59	-66.45	
251	833.1667	15001.37	21.29	2004/04/12	12:45:00	813.1667	14934.37	21.12	2004/04/11	16:45:00	-66.53	
252	836.5000	15001.57	21.29	2004/04/12	16:05:00	816.5000	14934.46	21.12	2004/04/11	20:05:00	-66.54	
253	839.8333	15001.61	21.29	2004/04/12	19:24:59	819.8333	14934.33	21.12	2004/04/11	23:24:59	-66.84	
254	843.1667	15001.64	21.30	2004/04/12	22:45:00	823.1667	14934.48	21.12	2004/04/12	02:45:00	-66.67	
255	846.5000	15001.57	21.29	2004/04/13	02:05:00	826.5000	14934.62	21.12	2004/04/12	06:05:00	-66.73	
256	849.8333	15001.83	21.29	2004/04/13	05:24:59	829.8333	14934.81	21.12	2004/04/12	09:24:59	-66.75	
257	853.1667	15001.89	21.30	2004/04/13	08:45:00	833.1667	14934.63	21.12	2004/04/12	12:45:00	-66.74	
258	856.5000	15001.85	21.29	2004/04/13	12:05:00	836.5000	14934.72	21.12	2004/04/12	16:05:00	-66.85	
259	859.8333	15002.14	21.29	2004/04/13	15:24:59	839.8333	14934.69	21.12	2004/04/12	19:24:59	-66.92	
260	863.1667	15002.39	21.30	2004/04/13	18:45:00	843.1667	14934.72	21.12	2004/04/12	22:45:00	-66.92	

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Diff. Btm- Top kPa	Bottom Gauge Comment
261	866.5000	15002.33	21.29	2004/04/13	22:05:00	846.5000	14934.81	21.12	2004/04/13	02:05:00	-66.76
262	869.8333	15002.31	21.29	2004/04/14	01:24:59	849.8333	14934.88	21.12	2004/04/13	05:24:59	-66.95
263	873.1667	15002.31	21.29	2004/04/14	04:45:00	853.1667	14934.80	21.12	2004/04/13	08:45:00	-67.09
264	876.5000	15002.49	21.29	2004/04/14	08:05:00	856.5000	14934.84	21.12	2004/04/13	12:05:00	-67.01
265	879.8333	15002.72	21.29	2004/04/14	11:24:59	859.8333	14934.87	21.12	2004/04/13	15:24:59	-67.27
266	883.1667	15002.58	21.29	2004/04/14	14:45:00	863.1667	14934.89	21.12	2004/04/13	18:45:00	-67.50
267	886.5000	15002.94	21.29	2004/04/14	18:05:00	866.5000	14934.91	21.12	2004/04/13	22:05:00	-67.42
268	889.8333	15002.80	21.29	2004/04/14	21:24:59	869.8333	14934.78	21.12	2004/04/14	01:24:59	-67.53
269	893.1667	15002.92	21.30	2004/04/15	00:45:00	873.1667	14934.65	21.12	2004/04/14	04:45:00	-67.66
270	896.5000	15002.93	21.29	2004/04/15	04:05:00	876.5000	14934.81	21.12	2004/04/14	08:05:00	-67.68
271	899.8333	15003.11	21.29	2004/04/15	07:24:59	879.8333	14934.80	21.12	2004/04/14	11:24:59	-67.92
272	903.1667	15002.90	21.29	2004/04/15	10:45:00	883.1667	14934.97	21.12	2004/04/14	14:45:00	-67.61
273	906.5000	15003.14	21.29	2004/04/15	14:05:00	886.5000	14934.89	21.12	2004/04/14	18:05:00	-68.05
274	909.8333	15003.17	21.29	2004/04/15	17:24:59	889.8333	14934.86	21.12	2004/04/14	21:24:59	-67.94
275	913.1667	15003.46	21.30	2004/04/15	20:45:00	893.1667	14935.01	21.12	2004/04/15	00:45:00	-67.91
276	916.5000	15003.39	21.29	2004/04/16	00:05:00	896.5000	14935.03	21.12	2004/04/15	04:05:00	-67.90
277	919.8333	15003.38	21.29	2004/04/16	03:24:59	899.8333	14935.01	21.12	2004/04/15	07:24:59	-68.10
278	923.1667	15003.67	21.29	2004/04/16	06:45:00	903.1667	14935.03	21.12	2004/04/15	10:45:00	-67.87
279	926.5000	15003.70	21.30	2004/04/16	10:05:00	906.5000	14935.09	21.12	2004/04/15	14:05:00	-68.05
280	929.8333	15003.65	21.29	2004/04/16	13:24:59	909.8333	14934.98	21.12	2004/04/15	17:24:59	-68.19
281	933.1667	15003.82	21.29	2004/04/16	16:45:00	913.1667	14935.23	21.12	2004/04/15	20:45:00	-68.23
282	936.5000	15003.93	21.29	2004/04/16	20:05:00	916.5000	14935.10	21.12	2004/04/16	00:05:00	-68.29
283	939.8333	15003.83	21.29	2004/04/16	23:24:59	919.8333	14935.11	21.12	2004/04/16	03:24:59	-68.27
284	943.1667	15004.25	21.29	2004/04/17	02:45:00	923.1667	14935.07	21.12	2004/04/16	06:45:00	-68.60
285	946.5000	15004.00	21.30	2004/04/17	06:05:00	926.5000	14935.02	21.12	2004/04/16	10:05:00	-68.68
286	949.8333	15004.00	21.30	2004/04/17	09:24:59	929.8333	14935.29	21.12	2004/04/16	13:24:59	-68.36
287	953.1667	15004.05	21.29	2004/04/17	12:45:00	933.1667	14935.18	21.12	2004/04/16	16:45:00	-68.64
288	956.5000	15004.13	21.29	2004/04/17	16:05:00	936.5000	14935.15	21.12	2004/04/16	20:05:00	-68.78
289	959.8333	15004.20	21.29	2004/04/17	19:24:59	939.8333	14935.19	21.12	2004/04/16	23:24:59	-68.64
290	963.1667	15004.42	21.29	2004/04/17	22:45:00	943.1667	14935.33	21.12	2004/04/17	02:45:00	-68.92
291	966.5000	15004.44	21.29	2004/04/18	02:05:00	946.5000	14935.32	21.12	2004/04/17	06:05:00	-68.68
292	969.8333	15004.47	21.29	2004/04/18	05:24:59	949.8333	14935.13	21.12	2004/04/17	09:24:59	-68.87
293	973.1667	15004.64	21.29	2004/04/18	08:45:00	953.1667	14935.27	21.12	2004/04/17	12:45:00	-68.78
294	976.5000	15004.46	21.29	2004/04/18	12:05:00	956.5000	14935.39	21.12	2004/04/17	16:05:00	-68.74
295	979.8333	15004.54	21.30	2004/04/18	15:24:59	959.8333	14935.37	21.12	2004/04/17	19:24:59	-68.83
296	983.1667	15004.59	21.29	2004/04/18	18:45:00	963.1667	14935.35	21.12	2004/04/17	22:45:00	-69.07
297	986.5000	15004.57	21.29	2004/04/18	22:05:00	966.5000	14935.39	21.13	2004/04/18	02:05:00	-69.05
298	989.8333	15004.83	21.30	2004/04/19	01:24:59	969.8333	14935.33	21.12	2004/04/18	05:24:59	-69.14
299	993.1667	15004.75	21.29	2004/04/19	04:45:00	973.1667	14935.48	21.12	2004/04/18	08:45:00	-69.16
300	996.5000	15004.81	21.30	2004/04/19	08:05:00	976.5000	14935.38	21.12	2004/04/18	12:05:00	-69.08
301	999.8333	15005.00	21.30	2004/04/19	11:24:59	979.8333	14935.48	21.12	2004/04/18	15:24:59	-69.06
302	1003.1667	15004.97	21.29	2004/04/19	14:45:00	983.1667	14935.46	21.12	2004/04/18	18:45:00	-69.13
303	1006.5000	15005.02	21.29	2004/04/19	18:05:00	986.5000	14935.57	21.12	2004/04/18	22:05:00	-69.00
304	1009.8333	15005.13	21.29	2004/04/19	21:24:59	989.8333	14935.40	21.12	2004/04/19	01:24:59	-69.43
305	1013.1667	15005.20	21.29	2004/04/20	00:45:00	993.1667	14935.60	21.13	2004/04/19	04:45:00	-69.15
306	1016.5000	15005.23	21.30	2004/04/20	04:05:00	996.5000	14935.59	21.12	2004/04/19	08:05:00	-69.22
307	1019.8333	15005.39	21.29	2004/04/20	07:24:59	999.8333	14935.51	21.12	2004/04/19	11:24:59	-69.49
308	1023.1667	15005.33	21.29	2004/04/20	10:45:00	1003.1667	14935.68	21.12	2004/04/19	14:45:00	-69.29
309	1026.5000	15005.68	21.30	2004/04/20	14:05:00	1006.5000	14935.80	21.13	2004/04/19	18:05:00	-69.22
310	1029.8333	15005.62	21.30	2004/04/20	17:24:59	1009.8333	14935.65	21.12	2004/04/19	21:24:59	-69.48
311	1033.1667	15005.57	21.29	2004/04/20	20:45:00	1013.1667	14935.76	21.12	2004/04/20	00:45:00	-69.44
312	1036.5000	15005.54	21.29	2004/04/21	00:05:00	1016.5000	14935.76	21.12	2004/04/20	04:05:00	-69.47

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Diff. Btm- Top kPa	Bottom Gauge Comment
313	1039.8333	15005.62	21.30	2004/04/21	03:24:59	1019.8333	14935.71	21.13	2004/04/20	07:24:59	-69.68	
314	1043.1667	15005.76	21.29	2004/04/21	06:45:00	1023.1667	14935.68	21.12	2004/04/20	10:45:00	-69.65	
315	1046.5000	15005.86	21.30	2004/04/21	10:05:00	1026.5000	14935.62	21.12	2004/04/20	14:05:00	-70.06	
316	1049.8333	15005.81	21.30	2004/04/21	13:24:59	1029.8333	14935.68	21.12	2004/04/20	17:24:59	-69.94	
317	1053.1667	15006.02	21.29	2004/04/21	16:45:00	1033.1667	14935.86	21.13	2004/04/20	20:45:00	-69.71	
318	1056.5000	15006.22	21.29	2004/04/21	20:05:00	1036.5000	14935.82	21.13	2004/04/21	00:05:00	-69.72	
319	1059.8333	15006.00	21.29	2004/04/21	23:24:59	1039.8333	14935.73	21.12	2004/04/21	03:24:59	-69.89	
320	1063.1667	15006.23	21.30	2004/04/22	02:45:00	1043.1667	14935.81	21.12	2004/04/21	06:45:00	-69.95	
321	1066.5000	15006.35	21.29	2004/04/22	06:05:00	1046.5000	14935.82	21.12	2004/04/21	10:05:00	-70.04	
322	1069.8333	15006.25	21.30	2004/04/22	09:24:59	1049.8333	14935.78	21.12	2004/04/21	13:24:59	-70.03	
323	1073.1667	15006.10	21.29	2004/04/22	12:45:00	1053.1667	14935.88	21.12	2004/04/21	16:45:00	-70.14	
324	1076.5000	15006.18	21.30	2004/04/22	16:05:00	1056.5000	14935.85	21.12	2004/04/21	20:05:00	-70.37	
325	1079.8333	15006.36	21.30	2004/04/22	19:24:59	1059.8333	14936.00	21.12	2004/04/21	23:24:59	-70.00	
326	1083.1667	15006.35	21.29	2004/04/22	22:45:00	1063.1667	14936.11	21.13	2004/04/22	02:45:00	-70.12	
327	1086.5000	15006.67	21.30	2004/04/23	02:05:00	1066.5000	14935.95	21.12	2004/04/22	06:05:00	-70.40	
328	1089.8333	15006.43	21.29	2004/04/23	05:24:59	1069.8333	14936.07	21.12	2004/04/22	09:24:59	-70.18	
329	1093.1667	15006.46	21.29	2004/04/23	08:45:00	1073.1667	14936.02	21.12	2004/04/22	12:45:00	-70.08	
330	1096.5000	15006.54	21.29	2004/04/23	12:05:00	1076.5000	14935.98	21.12	2004/04/22	16:05:00	-70.20	
331	1099.8333	15006.68	21.29	2004/04/23	15:24:59	1079.8333	14935.82	21.12	2004/04/22	19:24:59	-70.54	
332	1103.1667	15006.62	21.30	2004/04/23	18:45:00	1083.1667	14935.90	21.12	2004/04/22	22:45:00	-70.45	
333	1106.5000	15006.66	21.29	2004/04/23	22:05:00	1086.5000	14935.96	21.12	2004/04/23	02:05:00	-70.71	
334	1109.8333	15006.76	21.30	2004/04/24	01:24:59	1089.8333	14936.05	21.12	2004/04/23	05:24:59	-70.38	
335	1113.1667	15006.90	21.30	2004/04/24	04:45:00	1093.1667	14936.09	21.13	2004/04/23	08:45:00	-70.37	
336	1116.5000	15006.98	21.30	2004/04/24	08:05:00	1096.5000	14935.92	21.12	2004/04/23	12:05:00	-70.62	
337	1119.8333	15007.07	21.30	2004/04/24	11:24:59	1099.8333	14935.94	21.12	2004/04/23	15:24:59	-70.74	
338	1123.1667	15006.88	21.29	2004/04/24	14:45:00	1103.1667	14936.01	21.13	2004/04/23	18:45:00	-70.61	
339	1126.5000	15006.96	21.29	2004/04/24	18:05:00	1106.5000	14935.99	21.12	2004/04/23	22:05:00	-70.67	
340	1129.8333	15006.92	21.29	2004/04/24	21:24:59	1109.8333	14936.02	21.13	2004/04/24	01:24:59	-70.74	
341	1133.1667	15007.08	21.30	2004/04/25	00:45:00	1113.1667	14936.01	21.12	2004/04/24	04:45:00	-70.89	
342	1136.5000	15007.18	21.30	2004/04/25	04:05:00	1116.5000	14935.96	21.12	2004/04/24	08:05:00	-71.02	
343	1139.8333	15007.17	21.30	2004/04/25	07:24:59	1119.8333	14936.07	21.13	2004/04/24	11:24:59	-71.00	
344	1143.1667	15007.25	21.30	2004/04/25	10:45:00	1123.1667	14935.93	21.12	2004/04/24	14:45:00	-70.95	
345	1146.5000	15007.28	21.29	2004/04/25	14:05:00	1126.5000	14935.98	21.12	2004/04/24	18:05:00	-70.98	
346	1149.8333	15007.25	21.29	2004/04/25	17:24:59	1129.8333	14936.07	21.12	2004/04/24	21:24:59	-70.85	
347	1153.1667	15007.18	21.29	2004/04/25	20:45:00	1133.1667	14936.19	21.12	2004/04/25	00:45:00	-70.89	
348	1156.5000	15007.37	21.29	2004/04/26	00:05:00	1136.5000	14936.23	21.12	2004/04/25	04:05:00	-70.95	
349	1159.8333	15007.54	21.30	2004/04/26	03:24:59	1139.8333	14936.20	21.12	2004/04/25	07:24:59	-70.97	
350	1163.1667	15007.42	21.29	2004/04/26	06:45:00	1143.1667	14936.24	21.13	2004/04/25	10:45:00	-71.01	
351	1166.5000	15007.51	21.29	2004/04/26	10:05:00	1146.5000	14936.14	21.12	2004/04/25	14:05:00	-71.14	
352	1169.8333	15007.50	21.29	2004/04/26	13:24:59	1149.8333	14936.14	21.12	2004/04/25	17:24:59	-71.11	
353	1173.1667	15007.57	21.30	2004/04/26	16:45:00	1153.1667	14936.31	21.13	2004/04/25	20:45:00	-70.87	
354	1176.5000	15007.71	21.30	2004/04/26	20:05:00	1156.5000	14936.14	21.12	2004/04/26	00:05:00	-71.23	
355	1179.8333	15007.97	21.30	2004/04/26	23:24:59	1159.8333	14936.27	21.12	2004/04/26	03:24:59	-71.27	
356	1183.1667	15007.89	21.30	2004/04/27	02:45:00	1163.1667	14936.26	21.12	2004/04/26	06:45:00	-71.16	
357	1186.5000	15007.87	21.30	2004/04/27	06:05:00	1166.5000	14936.20	21.12	2004/04/26	10:05:00	-71.31	
358	1189.8333	15008.01	21.30	2004/04/27	09:24:59	1169.8333	14936.17	21.12	2004/04/26	13:24:59	-71.33	
359	1193.1667	15008.13	21.29	2004/04/27	12:45:00	1173.1667	14936.14	21.12	2004/04/26	16:45:00	-71.43	
360	1196.5000	15008.15	21.30	2004/04/27	16:05:00	1176.5000	14936.26	21.12	2004/04/26	20:05:00	-71.45	
361	1199.8333	15008.08	21.30	2004/04/27	19:24:59	1179.8333	14936.00	21.12	2004/04/26	23:24:59	-71.97	
362	1203.1667	15007.94	21.29	2004/04/27	22:45:00	1183.1667	14936.35	21.13	2004/04/27	02:45:00	-71.54	
363	1206.5000	15008.27	21.29	2004/04/28	02:05:00	1186.5000	14936.28	21.12	2004/04/27	06:05:00	-71.59	
364	1209.8333	15008.16	21.30	2004/04/28	05:24:59	1189.8333	14936.28	21.12	2004/04/27	09:24:59	-71.73	

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Diff. Btm- Top kPa	Bottom Gauge Comment
365	1213.1667	15008.16	21.29	2004/04/28	08:45:00	1193.1667	14936.22	21.12	2004/04/27	12:45:00	-71.91	
366	1216.5000	15008.27	21.30	2004/04/28	12:05:00	1196.5000	14936.30	21.12	2004/04/27	16:05:00	-71.85	
367	1219.8333	15008.26	21.29	2004/04/28	15:24:59	1199.8333	14936.33	21.12	2004/04/27	19:24:59	-71.75	
368	1223.1667	15008.36	21.30	2004/04/28	18:45:00	1203.1667	14936.11	21.12	2004/04/27	22:45:00	-71.83	
369	1226.5000	15008.30	21.29	2004/04/28	22:05:00	1206.5000	14936.24	21.12	2004/04/28	02:05:00	-72.03	
370	1229.8333	15008.63	21.30	2004/04/29	01:24:59	1209.8333	14936.53	21.13	2004/04/28	05:24:59	-71.63	
371	1233.1667	15008.45	21.30	2004/04/29	04:45:00	1213.1667	14936.50	21.12	2004/04/28	08:45:00	-71.66	
372	1236.5000	15008.53	21.30	2004/04/29	08:05:00	1216.5000	14936.46	21.12	2004/04/28	12:05:00	-71.81	
373	1239.8333	15008.55	21.29	2004/04/29	11:24:59	1219.8333	14936.43	21.12	2004/04/28	15:24:59	-71.83	
374	1243.1667	15008.64	21.29	2004/04/29	14:45:00	1223.1667	14936.52	21.12	2004/04/28	18:45:00	-71.84	
375	1246.5000	15008.75	21.30	2004/04/29	18:05:00	1226.5000	14936.60	21.13	2004/04/28	22:05:00	-71.70	
376	1249.8333	15008.71	21.29	2004/04/29	21:24:59	1229.8333	14936.58	21.13	2004/04/29	01:24:59	-72.05	
377	1253.1667	15008.86	21.30	2004/04/30	00:45:00	1233.1667	14936.52	21.12	2004/04/29	04:45:00	-71.93	
378	1256.5000	15008.88	21.29	2004/04/30	04:05:00	1236.5000	14936.62	21.12	2004/04/29	08:05:00	-71.91	
379	1259.8333	15008.96	21.29	2004/04/30	07:24:59	1239.8333	14936.83	21.12	2004/04/29	11:24:59	-71.72	
380	1263.1667	15008.86	21.29	2004/04/30	10:45:00	1243.1667	14936.79	21.12	2004/04/29	14:45:00	-71.85	
381	1266.5000	15008.95	21.29	2004/04/30	14:05:00	1246.5000	14936.81	21.12	2004/04/29	18:05:00	-71.94	
382	1269.8333	15009.07	21.29	2004/04/30	17:24:59	1249.8333	14936.79	21.12	2004/04/29	21:24:59	-71.92	
383	1273.1667	15009.23	21.29	2004/04/30	20:45:00	1253.1667	14936.67	21.12	2004/04/30	00:45:00	-72.19	
384	1276.5000	15009.26	21.29	2004/05/01	00:05:00	1256.5000	14936.74	21.12	2004/04/30	04:05:00	-72.14	
385	1279.8333	15009.18	21.30	2004/05/01	03:24:59	1259.8333	14936.91	21.13	2004/04/30	07:24:59	-72.05	
386	1283.1667	15009.13	21.29	2004/05/01	06:45:00	1263.1667	14936.90	21.12	2004/04/30	10:45:00	-71.96	
387	1286.5000	15009.04	21.29	2004/05/01	10:05:00	1266.5000	14936.99	21.13	2004/04/30	14:05:00	-71.96	
388	1289.8333	15009.18	21.30	2004/05/01	13:24:59	1269.8333	14936.78	21.12	2004/04/30	17:24:59	-72.29	
389	1293.1667	15009.23	21.30	2004/05/01	16:45:00	1273.1667	14936.95	21.12	2004/04/30	20:45:00	-72.28	
390	1296.5000	15009.24	21.30	2004/05/01	20:05:00	1276.5000	14936.79	21.12	2004/05/01	00:05:00	-72.47	
391	1299.8333	15009.50	21.30	2004/05/01	23:24:59	1279.8333	14936.82	21.12	2004/05/01	03:24:59	-72.36	
392	1303.1667	15009.41	21.29	2004/05/02	02:45:00	1283.1667	14936.79	21.12	2004/05/01	06:45:00	-72.34	
393	1306.5000	15009.38	21.29	2004/05/02	06:05:00	1286.5000	14936.95	21.12	2004/05/01	10:05:00	-72.09	
394	1309.8333	15009.67	21.30	2004/05/02	09:24:59	1289.8333	14936.88	21.13	2004/05/01	13:24:59	-72.30	
395	1313.1667	15009.75	21.30	2004/05/02	12:45:00	1293.1667	14936.83	21.12	2004/05/01	16:45:00	-72.40	
396	1316.5000	15009.50	21.30	2004/05/02	16:05:00	1296.5000	14936.80	21.12	2004/05/01	20:05:00	-72.44	
397	1319.8333	15009.45	21.30	2004/05/02	19:24:59	1299.8333	14936.96	21.12	2004/05/01	23:24:59	-72.54	
398	1323.1667	15009.50	21.30	2004/05/02	22:45:00	1303.1667	14936.98	21.12	2004/05/02	02:45:00	-72.43	
399	1326.5000	15009.47	21.29	2004/05/03	02:05:00	1306.5000	14937.03	21.12	2004/05/02	06:05:00	-72.35	
400	1329.8333	15009.59	21.29	2004/05/03	05:24:59	1309.8333	14936.97	21.12	2004/05/02	09:24:59	-72.70	
401	1333.1667	15009.68	21.30	2004/05/03	08:45:00	1313.1667	14936.91	21.13	2004/05/02	12:45:00	-72.84	
402	1336.5000	15009.65	21.30	2004/05/03	12:05:00	1316.5000	14937.14	21.12	2004/05/02	16:05:00	-72.36	
403	1339.8333	15009.64	21.29	2004/05/03	15:24:59	1319.8333	14937.23	21.13	2004/05/02	19:24:59	-72.22	
404	1343.1667	15009.65	21.30	2004/05/03	18:45:00	1323.1667	14937.09	21.13	2004/05/02	22:45:00	-72.41	
405	1346.5000	15009.75	21.30	2004/05/03	22:05:00	1326.5000	14937.12	21.12	2004/05/03	02:05:00	-72.35	
406	1349.8333	15009.77	21.29	2004/05/04	01:24:59	1329.8333	14937.15	21.12	2004/05/03	05:24:59	-72.44	
407	1353.1667	15009.77	21.29	2004/05/04	04:45:00	1333.1667	14936.99	21.12	2004/05/03	08:45:00	-72.69	
408	1356.5000	15009.74	21.29	2004/05/04	08:05:00	1336.5000	14937.00	21.12	2004/05/03	12:05:00	-72.65	
409	1359.8333	15009.98	21.29	2004/05/04	11:24:59	1339.8333	14937.09	21.12	2004/05/03	15:24:59	-72.55	
410	1363.1667	15009.89	21.29	2004/05/04	14:45:00	1343.1667	14936.96	21.12	2004/05/03	18:45:00	-72.69	
411	1366.5000	15009.85	21.29	2004/05/04	18:05:00	1346.5000	14937.12	21.12	2004/05/03	22:05:00	-72.63	
412	1369.8333	15009.76	21.29	2004/05/04	21:24:59	1349.8333	14937.11	21.13	2004/05/04	01:24:59	-72.66	
413	1373.1667	15010.07	21.30	2004/05/05	00:45:00	1353.1667	14937.21	21.13	2004/05/04	04:45:00	-72.56	
414	1376.5000	15010.12	21.29	2004/05/05	04:05:00	1356.5000	14937.17	21.12	2004/05/04	08:05:00	-72.57	
415	1379.8333	15010.28	21.30	2004/05/05	07:24:59	1359.8333	14937.05	21.12	2004/05/04	11:24:59	-72.93	
416	1383.1667	15010.13	21.30	2004/05/05	10:45:00	1363.1667	14936.94	21.12	2004/05/04	14:45:00	-72.95	

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Diff. Btm- Top kPa	Bottom Gauge Comment
417	1386.5000	15010.12	21.30	2004/05/05	14:05:00	1366.5000	14937.25	21.12	2004/05/04	18:05:00	-72.60	
418	1389.8333	15010.19	21.30	2004/05/05	17:24:59	1369.8333	14937.30	21.13	2004/05/04	21:24:59	-72.46	
419	1393.1667	15010.32	21.30	2004/05/05	20:45:00	1373.1667	14937.21	21.13	2004/05/05	00:45:00	-72.86	
420	1396.5000	15010.40	21.30	2004/05/06	00:05:00	1376.5000	14937.12	21.12	2004/05/05	04:05:00	-73.00	
421	1399.8333	15010.33	21.30	2004/05/06	03:24:59	1379.8333	14937.35	21.13	2004/05/05	07:24:59	-72.93	
422	1403.1667	15010.37	21.29	2004/05/06	06:45:00	1383.1667	14937.06	21.12	2004/05/05	10:45:00	-73.07	
423	1406.5000	15010.35	21.29	2004/05/06	10:05:00	1386.5000	14937.18	21.13	2004/05/05	14:05:00	-72.94	
424	1409.8333	15010.21	21.29	2004/05/06	13:24:59	1389.8333	14937.09	21.12	2004/05/05	17:24:59	-73.10	
425	1413.1667	15010.47	21.29	2004/05/06	16:45:00	1393.1667	14937.21	21.13	2004/05/05	20:45:00	-73.11	
426	1416.5000	15010.34	21.29	2004/05/06	20:05:00	1396.5000	14937.31	21.12	2004/05/06	00:05:00	-73.09	
427	1419.8333	15010.16	21.29	2004/05/06	23:24:59	1399.8333	14937.25	21.12	2004/05/06	03:24:59	-73.08	
428	1423.1667	15010.44	21.30	2004/05/07	02:45:00	1403.1667	14937.32	21.13	2004/05/06	06:45:00	-73.05	
429	1426.5000	15010.48	21.30	2004/05/07	06:05:00	1406.5000	14937.25	21.12	2004/05/06	10:05:00	-73.10	
430	1429.8333	15010.48	21.29	2004/05/07	09:24:59	1409.8333	14937.13	21.12	2004/05/06	13:24:59	-73.08	
431	1433.1667	15010.45	21.30	2004/05/07	12:45:00	1413.1667	14937.21	21.13	2004/05/06	16:45:00	-73.26	
432	1436.5000	15010.44	21.30	2004/05/07	16:05:00	1416.5000	14937.12	21.12	2004/05/06	20:05:00	-73.22	
433	1439.8333	15010.39	21.29	2004/05/07	19:24:59	1419.8333	14937.25	21.12	2004/05/06	23:24:59	-72.91	
434	1443.1667	15010.43	21.29	2004/05/07	22:45:00	1423.1667	14937.25	21.12	2004/05/07	02:45:00	-73.19	
435	1446.5000	15010.58	21.29	2004/05/08	02:05:00	1426.5000	14937.34	21.13	2004/05/07	06:05:00	-73.14	
436	1449.8333	15010.68	21.29	2004/05/08	05:24:59	1429.8333	14937.29	21.12	2004/05/07	09:24:59	-73.19	
437	1453.1667	15010.60	21.29	2004/05/08	08:45:00	1433.1667	14937.17	21.12	2004/05/07	12:45:00	-73.28	
438	1456.5000	15010.57	21.29	2004/05/08	12:05:00	1436.5000	14937.18	21.13	2004/05/07	16:05:00	-73.26	
439	1459.8333	15010.73	21.30	2004/05/08	15:24:59	1439.8333	14937.13	21.12	2004/05/07	19:24:59	-73.26	
440	1463.1667	15010.59	21.30	2004/05/08	18:45:00	1443.1667	14937.25	21.12	2004/05/07	22:45:00	-73.18	
441	1466.5000	15010.55	21.29	2004/05/08	22:05:00	1446.5000	14937.34	21.12	2004/05/08	02:05:00	-73.24	
442	1469.8333	15010.77	21.29	2004/05/09	01:24:59	1449.8333	14937.45	21.13	2004/05/08	05:24:59	-73.23	
443	1473.1667	15010.77	21.30	2004/05/09	04:45:00	1453.1667	14937.41	21.13	2004/05/08	08:45:00	-73.19	
444	1476.5000	15010.60	21.29	2004/05/09	08:05:00	1456.5000	14937.44	21.13	2004/05/08	12:05:00	-73.13	
445	1479.8333	15010.83	21.30	2004/05/09	11:24:59	1459.8333	14937.31	21.12	2004/05/08	15:24:59	-73.42	
446	1483.1667	15010.90	21.30	2004/05/09	14:45:00	1463.1667	14937.36	21.13	2004/05/08	18:45:00	-73.23	
447	1486.5000	15010.80	21.30	2004/05/09	18:05:00	1466.5000	14937.34	21.13	2004/05/08	22:05:00	-73.21	
448	1489.8333	15010.69	21.30	2004/05/09	21:24:59	1469.8333	14937.39	21.12	2004/05/09	01:24:59	-73.38	
449	1493.1667	15010.62	21.29	2004/05/10	00:45:00	1473.1667	14937.41	21.13	2004/05/09	04:45:00	-73.36	
450	1496.5000	15010.81	21.30	2004/05/10	04:05:00	1476.5000	14937.55	21.12	2004/05/09	08:05:00	-73.05	
451	1499.8333	15011.02	21.30	2004/05/10	07:24:59	1479.8333	14937.33	21.12	2004/05/09	11:24:59	-73.50	
452	1503.1667	15010.79	21.29	2004/05/10	10:45:00	1483.1667	14937.34	21.12	2004/05/09	14:45:00	-73.56	
453	1506.5000	15010.89	21.30	2004/05/10	14:05:00	1486.5000	14937.44	21.12	2004/05/09	18:05:00	-73.36	
454	1509.8333	15010.81	21.29	2004/05/10	17:24:59	1489.8333	14937.41	21.12	2004/05/09	21:24:59	-73.28	
455	1513.1667	15010.81	21.29	2004/05/10	20:45:00	1493.1667	14937.49	21.12	2004/05/10	00:45:00	-73.13	
456	1516.5000	15010.77	21.29	2004/05/11	00:05:00	1496.5000	14937.51	21.13	2004/05/10	04:05:00	-73.30	
457	1519.8333	15010.99	21.29	2004/05/11	03:24:59	1499.8333	14937.46	21.12	2004/05/10	07:24:59	-73.56	
458	1523.1667	15010.96	21.30	2004/05/11	06:45:00	1503.1667	14937.58	21.12	2004/05/10	10:45:00	-73.21	
459	1526.5000	15011.04	21.30	2004/05/11	10:05:00	1506.5000	14937.58	21.13	2004/05/10	14:05:00	-73.31	
460	1529.8333	15010.88	21.29	2004/05/11	13:24:59	1509.8333	14937.42	21.13	2004/05/10	17:24:59	-73.39	
461	1533.1667	15010.90	21.29	2004/05/11	16:45:00	1513.1667	14937.50	21.12	2004/05/10	20:45:00	-73.31	
462	1536.5000	15010.79	21.29	2004/05/11	20:05:00	1516.5000	14937.59	21.13	2004/05/11	00:05:00	-73.18	
463	1539.8333	15011.00	21.29	2004/05/11	23:24:59	1519.8333	14937.68	21.12	2004/05/11	03:24:59	-73.31	
464	1543.1667	15010.94	21.30	2004/05/12	02:45:00	1523.1667	14937.64	21.13	2004/05/11	06:45:00	-73.32	
465	1546.5000	15010.95	21.29	2004/05/12	06:05:00	1526.5000	14937.72	21.13	2004/05/11	10:05:00	-73.32	
466	1549.8333	15011.00	21.29	2004/05/12	09:24:59	1529.8333	14937.64	21.12	2004/05/11	13:24:59	-73.24	
467	1553.1667	15011.04	21.30	2004/05/12	12:45:00	1533.1667	14937.71	21.13	2004/05/11	16:45:00	-73.19	
468	1556.0000	191.87	0.38	2004/05/12	15:35:00	1536.5000	14937.75	21.13	2004/05/11	20:05:00	-73.04	

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Print Filter: Print every 200th point

Apache Canada Ltd.
300/m-17-66-36-125-48/0
Start Test Date: 2004/03/08
Final Test Date: 2004/05/12

Apache Nogha M-17
Formation: Mount Clark "C"

Top Gauge Time	Top Gauge Pres.	Top Gauge Temp.	Top Gauge Date	Top Gauge Clk Time	Bottom Gauge Time	Bottom Gauge Pres.	Bottom Gauge Temp.	Bottom Gauge Date	Bottom Gauge Clk Time	Diff. Btm- Top	Bottom Gauge Comment
hr	kPa(a)	°C	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	yyyy/mm/dd	hh:mm:ss	kPa	
469					1539.8333	14937.73	21.13	2004/05/11	23:24:59	-73.27	
470					1543.1667	14937.64	21.13	2004/05/12	02:45:00	-73.30	
471					1546.5000	14937.58	21.13	2004/05/12	06:05:00	-73.37	
472					1549.8333	14937.74	21.13	2004/05/12	09:24:59	-73.26	
473					1553.1667	14937.61	21.12	2004/05/12	12:45:00	-73.43	
474					1554.1000	14937.62	21.12	2004/05/12	13:41:00	-73.26	
475					1554.1167	14937.79	21.13	2004/05/12	13:42:00	-73.02	Off Bottom
476					1554.1333	14937.67	21.12	2004/05/12	13:42:59	-65.39	
477					1556.0167	111.23	-1.26	2004/05/12	15:36:00		

Serial Number: 19153 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Serial Number: 19154 Start Date: 2004/03/08 19:35:00 Run Depth: 1411.00
Print Filter: Print every 200th point