

INTEGRATED PRODUCTION SERVICES



Project Management & Engineering

FLOW AND BUILDUP

PARAMOUNT RESOURCES LTD.

PARAMOUNT NOGHA K-14-66-40-126-001

300-K-14-66-40-126-001

FIELD: NOGHA

FORMATION: MOUNT CLARK "B" & "C"

FEBRUARY 25 - MAY 24, 2005

(Data Supplied By: IPS Slickline Services)

DISTRIBUTION: **DICK HEENAN**

PREPARED BY: **CHRISTY NELSON**

DATE: **May 25, 2005**

Project Management & Engineering, A Division of Integrated Production Services
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**PARAMOUNT RESOURCES LTD.
PARAMOUNT NOGHA K-14-66-40-126-001
300-K-14-66-40-126-001
FIELD: NOGHA
FORMATION: MOUNT CLARK "B" & "C"
February 25 - May 24, 2005**

TEST INFORMATION:

Start of Test:	2005-02-25 08:26
Shut-in Date and Time:	2005-02-25 10:13
Final Test Date and Time:	2005-05-24 17:20
Top of Production Interval:	1369.70 mKB
Bottom of Production Interval:	1379.00 mKB
Mid Point of Perforations:	1374.35 mKB
KB Elevation:	313.20 m
GL Elevation:	308.00 m
Initial Tubing Pressure:	7556 kPa(a)
Initial Casing Pressure:	3573 kPa(a)
Final Tubing Pressure:	93 kPa(a)
Final Casing Pressure:	3361 kPa(a)

GAUGE DATA:

	TOP GAUGE	BOTTOM GAUGE
Gauge Type:	Strain	Strain
Manufacturer:	Cal Scan/Mole	Cal Scan/Mole
Serial Number:	19373	19374
Pressure Range:	0-24132 kPa	0-24132 kPa
Resolution:	0.0003% FS	0.0003% FS
Accuracy:	0.0240% FS	0.0240% FS
Calibration Date:	December 28, 2004	December 28, 2004
Battery On Time:	February 25, 2005 08:26	February 25, 2005 08:26
Battery Off Time:	May 24, 2005 17:20	May 24, 2005 17:14
On Bottom Time:	February 25, 2005 09:06	February 25, 2005 09:06
Off Bottom Time:	May 24, 2005 12:31	May 24, 2005 12:31
Run Depth:	1360.70 mKB	1361.20 mKB

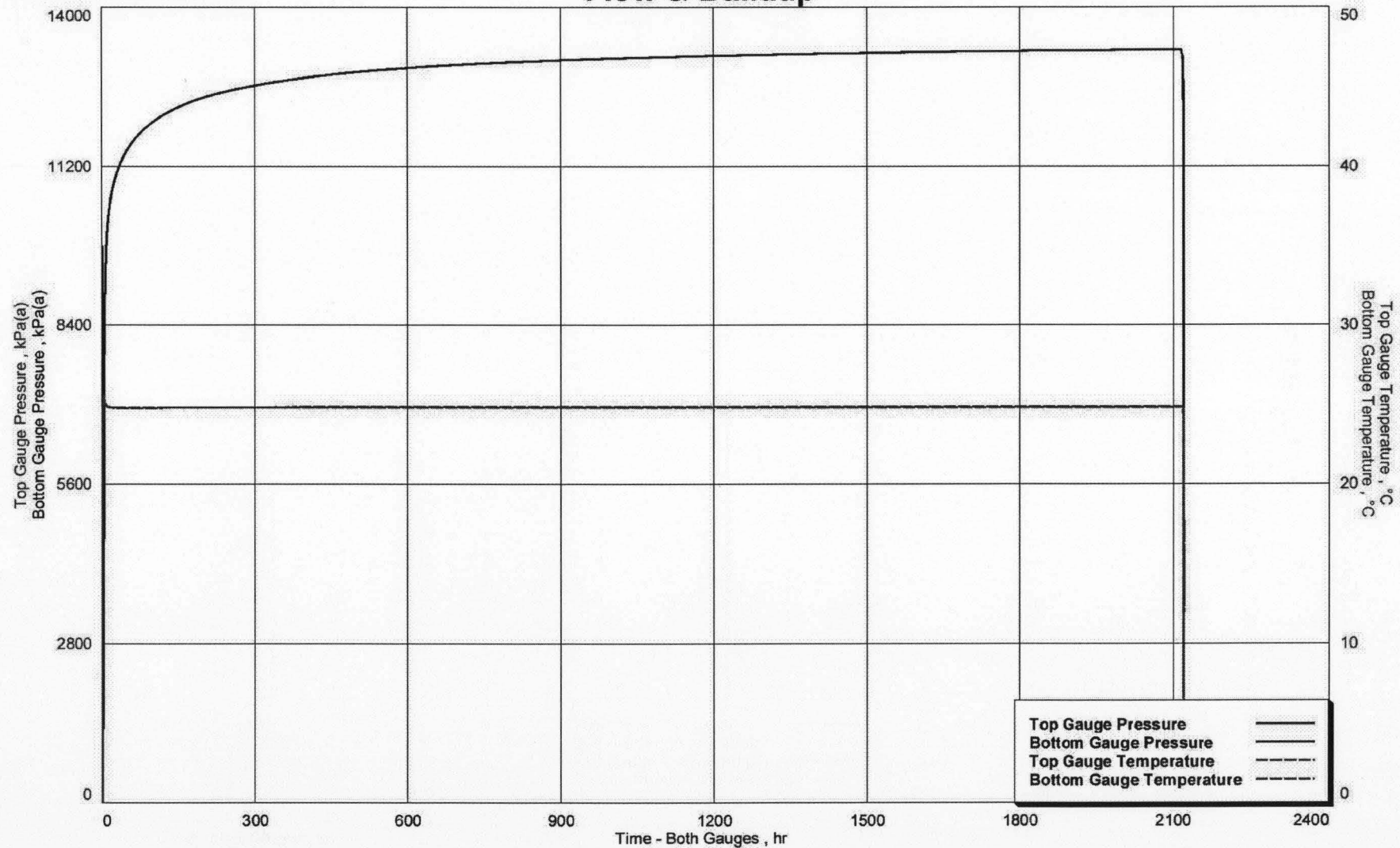
REMARKS:

- The bottom gauge is the source gauge in the pas file.
- The pressure during the final six hours on-bottom built <0.01 kPa/h.
- The run depths in the PAS file are reported in m CF.
- kPa gauge was converted to kPa absolute using an atmospheric pressure of 93.0 kPa.

Paramount Resources Ltd.
300-K-14-66-40-126-001
Start Test Date: 2005/02/25
Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
Formation: Mount Clark "B" & "C"

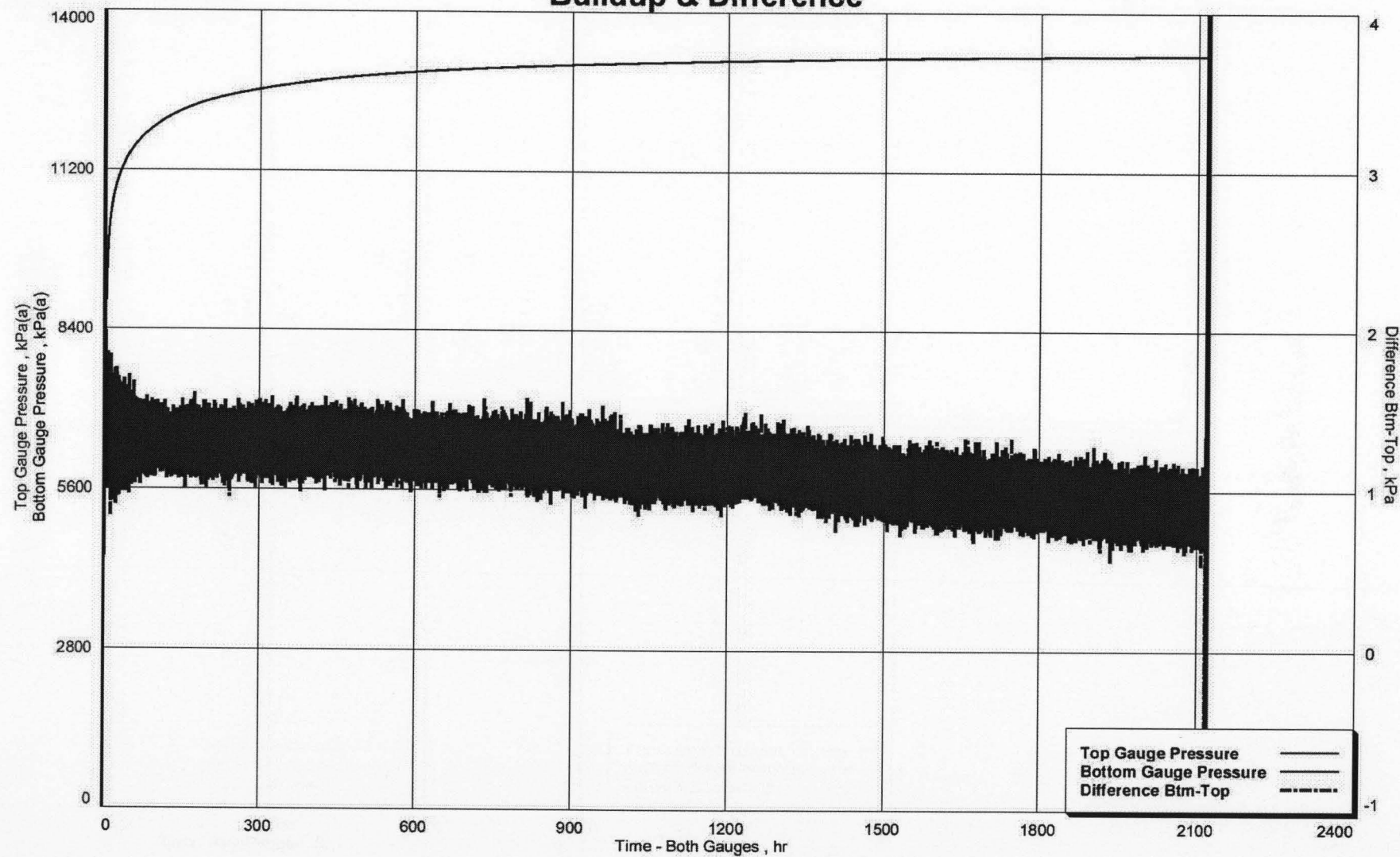
Flow & Buildup



Paramount Resources Ltd.
300-K-14-66-40-126-001
Start Test Date: 2005/02/25
Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
Formation: Mount Clark "B" & "C"

Buildup & Difference



Paramount Resources Ltd.
300-K-14-66-40-126-001
Start Test Date: 2005/02/25
Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
Formation: Mount Clark "B" & "C"

	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Diff. Btm- Top kPa	Bottom Gauge Comment
1	2005/02/25	08:26:05	0.0014	96.35	19.45	2005/02/25	08:26:05	0.0014	97.10	19.41	0.75	
2	2005/02/25	15:51:30	7.4250	9543.83	24.92	2005/02/25	09:06:00	0.6667	9793.51	19.88	3.78	
3	2005/02/25	23:21:30	14.9250	10504.71	24.80	2005/02/25	09:06:30	0.6750	9798.00	20.76	0.49	On-Bottom
4	2005/02/26	06:51:30	22.4250	10872.26	24.78	2005/02/25	09:07:00	0.6833	9800.28	21.58	2.06	
5	2005/02/26	14:21:30	29.9250	11105.11	24.77	2005/02/25	10:13:00	1.7833	1312.54	24.12	2.30	
6	2005/02/26	21:51:30	37.4250	11276.53	24.77	2005/02/25	10:13:30	1.7917	1319.32	24.12	2.99	Shut-In
7	2005/02/27	05:21:30	44.9250	11414.91	24.76	2005/02/25	10:14:00	1.8000	1336.55	24.14	2.55	
8	2005/02/27	12:51:30	52.4250	11530.20	24.77	2005/02/25	15:51:30	7.4250	9545.36	24.95	1.53	
9	2005/02/27	20:21:30	59.9250	11628.29	24.77	2005/02/25	23:21:30	14.9250	10506.15	24.82	1.44	
10	2005/02/28	03:51:30	67.4250	11713.83	24.77	2005/02/26	06:51:30	22.4250	10873.65	24.80	1.39	
11	2005/02/28	11:21:30	74.9250	11787.95	24.76	2005/02/26	14:21:30	29.9250	11106.53	24.80	1.42	
12	2005/02/28	18:51:30	82.4250	11853.76	24.77	2005/02/26	21:51:30	37.4250	11277.99	24.79	1.46	
13	2005/03/01	02:21:30	89.9250	11915.90	24.77	2005/02/27	05:21:30	44.9250	11416.55	24.79	1.64	
14	2005/03/01	09:51:30	97.4250	11969.52	24.77	2005/02/27	12:51:30	52.4250	11531.57	24.79	1.37	
15	2005/03/01	17:21:30	104.9250	12018.42	24.78	2005/02/27	20:21:30	59.9250	11629.67	24.79	1.38	
16	2005/03/02	00:51:30	112.4250	12062.67	24.78	2005/02/28	03:51:30	67.4250	11715.36	24.79	1.53	
17	2005/03/02	08:21:30	119.9250	12103.47	24.78	2005/02/28	11:21:30	74.9250	11789.29	24.79	1.34	
18	2005/03/02	15:51:30	127.4250	12141.71	24.78	2005/02/28	18:51:30	82.4250	11855.08	24.79	1.32	
19	2005/03/02	23:21:30	134.9250	12176.78	24.78	2005/03/01	02:21:30	89.9250	11917.19	24.79	1.29	
20	2005/03/03	06:51:30	142.4250	12210.53	24.78	2005/03/01	09:51:30	97.4250	11970.92	24.80	1.40	
21	2005/03/03	14:21:30	149.9250	12243.26	24.78	2005/03/01	17:21:30	104.9250	12019.57	24.80	1.15	
22	2005/03/03	21:51:30	157.4250	12274.15	24.78	2005/03/02	00:51:30	112.4250	12063.96	24.80	1.29	
23	2005/03/04	05:21:30	164.9250	12302.43	24.78	2005/03/02	08:21:30	119.9250	12104.88	24.80	1.41	
24	2005/03/04	12:51:30	172.4250	12329.17	24.78	2005/03/02	15:51:30	127.4250	12142.86	24.80	1.15	
25	2005/03/04	20:21:30	179.9250	12354.51	24.79	2005/03/02	23:21:30	134.9250	12178.19	24.80	1.41	
26	2005/03/05	03:51:30	187.4250	12378.07	24.78	2005/03/03	06:51:30	142.4250	12211.85	24.81	1.32	
27	2005/03/05	11:21:30	194.9250	12399.84	24.79	2005/03/03	14:21:30	149.9250	12244.59	24.81	1.33	
28	2005/03/05	18:51:30	202.4250	12420.71	24.79	2005/03/03	21:51:30	157.4250	12275.40	24.81	1.25	
29	2005/03/06	02:21:30	209.9250	12440.55	24.79	2005/03/04	05:21:30	164.9250	12303.75	24.81	1.32	
30	2005/03/06	09:51:30	217.4250	12459.54	24.79	2005/03/04	12:51:30	172.4250	12330.49	24.81	1.32	
31	2005/03/06	17:21:30	224.9250	12477.91	24.79	2005/03/04	20:21:30	179.9250	12355.77	24.81	1.26	
32	2005/03/07	00:51:30	232.4250	12494.94	24.79	2005/03/05	03:51:30	187.4250	12379.30	24.81	1.23	
33	2005/03/07	08:21:30	239.9250	12511.41	24.79	2005/03/05	11:21:30	194.9250	12401.23	24.81	1.39	
34	2005/03/07	15:51:30	247.4250	12527.20	24.79	2005/03/05	18:51:30	202.4250	12422.11	24.81	1.40	
35	2005/03/07	23:21:30	254.9250	12542.36	24.79	2005/03/06	02:21:30	209.9250	12441.72	24.81	1.17	
36	2005/03/08	06:51:30	262.4250	12557.42	24.79	2005/03/06	09:51:30	217.4250	12460.87	24.81	1.33	
37	2005/03/08	14:21:30	269.9250	12571.47	24.79	2005/03/06	17:21:30	224.9250	12479.40	24.82	1.49	
38	2005/03/08	21:51:30	277.4250	12584.04	24.79	2005/03/07	00:51:30	232.4250	12496.20	24.81	1.26	
39	2005/03/09	05:21:30	284.9250	12596.77	24.79	2005/03/07	08:21:30	239.9250	12512.71	24.81	1.30	
40	2005/03/09	12:51:30	292.4250	12609.83	24.79	2005/03/07	15:51:30	247.4250	12528.34	24.81	1.14	
41	2005/03/09	20:21:30	299.9250	12622.82	24.79	2005/03/07	23:21:30	254.9250	12543.63	24.81	1.27	
42	2005/03/10	03:51:30	307.4250	12635.33	24.79	2005/03/08	06:51:30	262.4250	12558.68	24.82	1.26	
43	2005/03/10	11:21:30	314.9250	12647.46	24.79	2005/03/08	14:21:30	269.9250	12572.80	24.82	1.33	
44	2005/03/10	18:51:30	322.4250	12659.60	24.80	2005/03/08	21:51:30	277.4250	12585.27	24.82	1.23	
45	2005/03/11	02:21:30	329.9250	12670.69	24.79	2005/03/09	05:21:30	284.9250	12598.21	24.82	1.44	
46	2005/03/11	09:51:30	337.4250	12681.35	24.80	2005/03/09	12:51:30	292.4250	12611.14	24.82	1.31	
47	2005/03/11	17:21:30	344.9250	12691.44	24.80	2005/03/09	20:21:30	299.9250	12624.12	24.82	1.30	
48	2005/03/12	00:51:30	352.4250	12701.30	24.79	2005/03/10	03:51:30	307.4250	12636.73	24.82	1.40	

Top Gauge Serial Number: 19373 Start Date: 2005/02/25 08:26:00 Run Depth: 1360.70
Bottom Gauge Serial Number: 19374 Start Date: 2005/02/25 08:26:00 Run Depth: 1361.20
Print Filter: Print every 900th point

Paramount Resources Ltd.
300-K-14-66-40-126-001
Start Test Date: 2005/02/25
Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
Formation: Mount Clark "B" & "C"

	Top Gauge Date	Top Gauge Clk Time	Top Gauge Time	Top Gauge Pres.	Top Gauge Temp.	Bottom Gauge Date	Bottom Gauge Clk Time	Bottom Gauge Time	Bottom Gauge Pres.	Bottom Gauge Temp.	Diff. Btm- Top	Bottom Gauge Comment
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	kPa	
49	2005/03/12	08:21:30	359.9250	12711.17	24.80	2005/03/10	11:21:30	314.9250	12648.77	24.82	1.31	
50	2005/03/12	15:51:30	367.4250	12720.49	24.80	2005/03/10	18:51:30	322.4250	12660.90	24.82	1.30	
51	2005/03/12	23:21:30	374.9250	12730.24	24.80	2005/03/11	02:21:30	329.9250	12672.01	24.82	1.32	
52	2005/03/13	06:51:30	382.4250	12739.82	24.80	2005/03/11	09:51:30	337.4250	12682.65	24.82	1.30	
53	2005/03/13	14:21:30	389.9250	12749.12	24.80	2005/03/11	17:21:30	344.9250	12692.72	24.82	1.28	
54	2005/03/13	21:51:30	397.4250	12758.08	24.80	2005/03/12	00:51:30	352.4250	12702.71	24.82	1.41	
55	2005/03/14	05:21:30	404.9250	12767.06	24.80	2005/03/12	08:21:30	359.9250	12712.41	24.82	1.24	
56	2005/03/14	12:51:30	412.4250	12776.03	24.80	2005/03/12	15:51:30	367.4250	12721.78	24.82	1.29	
57	2005/03/14	20:21:30	419.9250	12784.65	24.80	2005/03/12	23:21:30	374.9250	12731.52	24.82	1.28	
58	2005/03/15	03:51:30	427.4250	12792.85	24.80	2005/03/13	06:51:30	382.4250	12741.11	24.82	1.29	
59	2005/03/15	11:21:30	434.9250	12800.40	24.80	2005/03/13	14:21:30	389.9250	12750.39	24.82	1.27	
60	2005/03/15	18:51:30	442.4250	12807.75	24.80	2005/03/13	21:51:30	397.4250	12759.35	24.82	1.27	
61	2005/03/16	02:21:30	449.9250	12815.09	24.80	2005/03/14	05:21:30	404.9250	12768.34	24.82	1.28	
62	2005/03/16	09:51:30	457.4250	12822.46	24.80	2005/03/14	12:51:30	412.4250	12777.33	24.82	1.30	
63	2005/03/16	17:21:30	464.9250	12829.86	24.80	2005/03/14	20:21:30	419.9250	12785.95	24.83	1.30	
64	2005/03/17	00:51:30	472.4250	12836.74	24.80	2005/03/15	03:51:30	427.4250	12794.10	24.82	1.25	
65	2005/03/17	08:21:30	479.9250	12843.66	24.81	2005/03/15	11:21:30	434.9250	12801.76	24.82	1.36	
66	2005/03/17	15:51:30	487.4250	12849.85	24.80	2005/03/15	18:51:30	442.4250	12809.04	24.82	1.29	
67	2005/03/17	23:21:30	494.9250	12855.88	24.80	2005/03/16	02:21:30	449.9250	12816.35	24.83	1.26	
68	2005/03/18	06:51:30	502.4250	12862.42	24.80	2005/03/16	09:51:30	457.4250	12823.64	24.82	1.18	
69	2005/03/18	14:21:30	509.9250	12868.85	24.81	2005/03/16	17:21:30	464.9250	12831.04	24.83	1.18	
70	2005/03/18	21:51:30	517.4250	12874.66	24.81	2005/03/17	00:51:30	472.4250	12838.14	24.83	1.40	
71	2005/03/19	05:21:30	524.9250	12880.25	24.81	2005/03/17	08:21:30	479.9250	12844.99	24.83	1.33	
72	2005/03/19	12:51:30	532.4250	12886.49	24.80	2005/03/17	15:51:30	487.4250	12851.18	24.82	1.33	
73	2005/03/19	20:21:30	539.9250	12891.77	24.81	2005/03/17	23:21:30	494.9250	12857.20	24.83	1.32	
74	2005/03/20	03:51:30	547.4250	12897.00	24.81	2005/03/18	06:51:30	502.4250	12863.83	24.83	1.41	
75	2005/03/20	11:21:30	554.9250	12901.82	24.80	2005/03/18	14:21:30	509.9250	12870.12	24.83	1.27	
76	2005/03/20	18:51:30	562.4250	12907.01	24.80	2005/03/18	21:51:30	517.4250	12875.87	24.83	1.21	
77	2005/03/21	02:21:30	569.9250	12912.37	24.81	2005/03/19	05:21:30	524.9250	12881.50	24.83	1.25	
78	2005/03/21	09:51:30	577.4250	12917.12	24.80	2005/03/19	12:51:30	532.4250	12887.92	24.83	1.43	
79	2005/03/21	17:21:30	584.9250	12922.08	24.80	2005/03/19	20:21:30	539.9250	12893.02	24.83	1.25	
80	2005/03/22	00:51:30	592.4250	12927.02	24.81	2005/03/20	03:51:30	547.4250	12898.25	24.83	1.25	
81	2005/03/22	08:21:30	599.9250	12931.83	24.81	2005/03/20	11:21:30	554.9250	12903.13	24.83	1.31	
82	2005/03/22	15:51:30	607.4250	12936.51	24.81	2005/03/20	18:51:30	562.4250	12908.27	24.82	1.26	
83	2005/03/22	23:21:30	614.9250	12941.05	24.81	2005/03/21	02:21:30	569.9250	12913.49	24.83	1.12	
84	2005/03/23	06:51:30	622.4250	12945.76	24.81	2005/03/21	09:51:30	577.4250	12918.52	24.83	1.40	
85	2005/03/23	14:21:30	629.9250	12950.22	24.81	2005/03/21	17:21:30	584.9250	12923.46	24.83	1.38	
86	2005/03/23	21:51:30	637.4250	12954.72	24.81	2005/03/22	00:51:30	592.4250	12928.12	24.83	1.10	
87	2005/03/24	05:21:30	644.9250	12959.07	24.81	2005/03/22	08:21:30	599.9250	12932.97	24.83	1.14	
88	2005/03/24	12:51:30	652.4250	12963.34	24.81	2005/03/22	15:51:30	607.4250	12937.71	24.83	1.20	
89	2005/03/24	20:21:30	659.9250	12967.49	24.81	2005/03/22	23:21:30	614.9250	12942.26	24.83	1.21	
90	2005/03/25	03:51:30	667.4250	12971.53	24.81	2005/03/23	06:51:30	622.4250	12947.02	24.83	1.26	
91	2005/03/25	11:21:30	674.9250	12975.43	24.81	2005/03/23	14:21:30	629.9250	12951.39	24.83	1.17	
92	2005/03/25	18:51:30	682.4250	12979.25	24.81	2005/03/23	21:51:30	637.4250	12956.08	24.83	1.36	
93	2005/03/26	02:21:30	689.9250	12983.03	24.81	2005/03/24	05:21:30	644.9250	12960.32	24.83	1.25	
94	2005/03/26	09:51:30	697.4250	12986.70	24.81	2005/03/24	12:51:30	652.4250	12964.64	24.83	1.30	
95	2005/03/26	17:21:30	704.9250	12990.51	24.81	2005/03/24	20:21:30	659.9250	12968.79	24.83	1.30	
96	2005/03/27	00:51:30	712.4250	12994.19	24.81	2005/03/25	03:51:30	667.4250	12972.81	24.83	1.28	

Top Gauge Serial Number: 19373 Start Date: 2005/02/25 08:26:00 Run Depth: 1360.70
Bottom Gauge Serial Number: 19374 Start Date: 2005/02/25 08:26:00 Run Depth: 1361.20
Print Filter: Print every 900th point

Paramount Resources Ltd.
300-K-14-66-40-126-001
Start Test Date: 2005/02/25
Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
Formation: Mount Clark "B" & "C"

	Top Gauge Date	Top Gauge Clk Time	Top Gauge Time	Top Gauge Pres.	Top Gauge Temp.	Bottom Gauge Date	Bottom Gauge Clk Time	Bottom Gauge Time	Bottom Gauge Pres.	Bottom Gauge Temp.	Diff. Btm- Top	Bottom Gauge Comment
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	kPa	
97	2005/03/27	08:21:30	719.9250	12997.87	24.81	2005/03/25	11:21:30	674.9250	12976.71	24.83	1.28	
98	2005/03/27	15:51:30	727.4250	13001.31	24.81	2005/03/25	18:51:30	682.4250	12980.57	24.83	1.32	
99	2005/03/27	23:21:30	734.9250	13004.80	24.81	2005/03/26	02:21:30	689.9250	12984.31	24.83	1.28	
100	2005/03/28	06:51:30	742.4250	13008.27	24.81	2005/03/26	09:51:30	697.4250	12988.09	24.83	1.39	
101	2005/03/28	14:21:30	749.9250	13011.33	24.81	2005/03/26	17:21:30	704.9250	12991.81	24.83	1.30	
102	2005/03/28	21:51:30	757.4250	13014.67	24.81	2005/03/27	00:51:30	712.4250	12995.48	24.83	1.29	
103	2005/03/29	05:21:30	764.9250	13017.73	24.81	2005/03/27	08:21:30	719.9250	12998.97	24.83	1.10	
104	2005/03/29	12:51:30	772.4250	13020.75	24.81	2005/03/27	15:51:30	727.4250	13002.54	24.83	1.23	
105	2005/03/29	20:21:30	779.9250	13023.98	24.81	2005/03/27	23:21:30	734.9250	13005.93	24.83	1.13	
106	2005/03/30	03:51:30	787.4250	13026.97	24.81	2005/03/28	06:51:30	742.4250	13009.55	24.83	1.28	
107	2005/03/30	11:21:30	794.9250	13029.81	24.81	2005/03/28	14:21:30	749.9250	13012.59	24.83	1.26	
108	2005/03/30	18:51:30	802.4250	13032.77	24.81	2005/03/28	21:51:30	757.4250	13015.83	24.83	1.16	
109	2005/03/31	02:21:30	809.9250	13035.57	24.81	2005/03/29	05:21:30	764.9250	13018.88	24.83	1.15	
110	2005/03/31	09:51:30	817.4250	13038.48	24.81	2005/03/29	12:51:30	772.4250	13021.89	24.83	1.14	
111	2005/03/31	17:21:30	824.9250	13041.30	24.81	2005/03/29	20:21:30	779.9250	13025.24	24.84	1.26	
112	2005/04/01	00:51:30	832.4250	13044.12	24.81	2005/03/30	03:51:30	787.4250	13028.15	24.83	1.18	
113	2005/04/01	08:21:30	839.9250	13046.88	24.81	2005/03/30	11:21:30	794.9250	13031.13	24.83	1.32	
114	2005/04/01	15:51:30	847.4250	13049.45	24.81	2005/03/30	18:51:30	802.4250	13034.05	24.83	1.28	
115	2005/04/01	23:21:30	854.9250	13052.14	24.81	2005/03/31	02:21:30	809.9250	13036.79	24.83	1.22	
116	2005/04/02	06:51:30	862.4250	13054.68	24.81	2005/03/31	09:51:30	817.4250	13039.68	24.83	1.20	
117	2005/04/02	14:21:30	869.9250	13057.28	24.81	2005/03/31	17:21:30	824.9250	13042.52	24.83	1.22	
118	2005/04/02	21:51:30	877.4250	13059.73	24.81	2005/04/01	00:51:30	832.4250	13045.39	24.83	1.27	
119	2005/04/03	05:21:30	884.9250	13062.19	24.81	2005/04/01	08:21:30	839.9250	13048.04	24.83	1.16	
120	2005/04/03	12:51:30	892.4250	13064.52	24.81	2005/04/01	15:51:30	847.4250	13050.78	24.84	1.33	
121	2005/04/03	20:21:30	899.9250	13067.05	24.81	2005/04/01	23:21:30	854.9250	13053.36	24.83	1.22	
122	2005/04/04	03:51:30	907.4250	13069.21	24.81	2005/04/02	06:51:30	862.4250	13055.79	24.84	1.11	
123	2005/04/04	11:21:30	914.9250	13071.54	24.81	2005/04/02	14:21:30	869.9250	13058.40	24.83	1.12	
124	2005/04/04	18:51:30	922.4250	13073.87	24.81	2005/04/02	21:51:30	877.4250	13060.98	24.83	1.25	
125	2005/04/05	02:21:30	929.9250	13076.20	24.81	2005/04/03	05:21:30	884.9250	13063.39	24.83	1.20	
126	2005/04/05	09:51:30	937.4250	13078.40	24.81	2005/04/03	12:51:30	892.4250	13065.73	24.84	1.21	
127	2005/04/05	17:21:30	944.9250	13080.62	24.81	2005/04/03	20:21:30	899.9250	13068.16	24.83	1.11	
128	2005/04/06	00:51:30	952.4250	13083.04	24.81	2005/04/04	03:51:30	907.4250	13070.44	24.83	1.23	
129	2005/04/06	08:21:30	959.9250	13085.41	24.81	2005/04/04	11:21:30	914.9250	13072.81	24.84	1.27	
130	2005/04/06	15:51:30	967.4250	13087.62	24.81	2005/04/04	18:51:30	922.4250	13075.12	24.83	1.25	
131	2005/04/06	23:21:30	974.9250	13089.92	24.81	2005/04/05	02:21:30	929.9250	13077.38	24.84	1.18	
132	2005/04/07	06:51:30	982.4250	13092.21	24.81	2005/04/05	09:51:30	937.4250	13079.68	24.84	1.28	
133	2005/04/07	14:21:30	989.9250	13094.24	24.81	2005/04/05	17:21:30	944.9250	13081.91	24.83	1.29	
134	2005/04/07	21:51:30	997.4250	13096.49	24.81	2005/04/06	00:51:30	952.4250	13084.12	24.83	1.08	
135	2005/04/08	05:21:30	1004.9250	13098.58	24.81	2005/04/06	08:21:30	959.9250	13086.51	24.84	1.10	
136	2005/04/08	12:51:30	1012.4250	13100.64	24.81	2005/04/06	15:51:30	967.4250	13088.82	24.84	1.20	
137	2005/04/08	20:21:30	1019.9250	13102.63	24.81	2005/04/06	23:21:30	974.9250	13091.15	24.84	1.23	
138	2005/04/09	03:51:30	1027.4250	13104.64	24.81	2005/04/07	06:51:30	982.4250	13093.32	24.84	1.11	
139	2005/04/09	11:21:30	1034.9250	13106.54	24.81	2005/04/07	14:21:30	989.9250	13095.40	24.83	1.16	
140	2005/04/09	18:51:30	1042.4250	13108.52	24.81	2005/04/07	21:51:30	997.4250	13097.65	24.84	1.16	
141	2005/04/10	02:21:30	1049.9250	13110.41	24.81	2005/04/08	05:21:30	1004.9250	13099.74	24.84	1.16	
142	2005/04/10	09:51:30	1057.4250	13112.29	24.81	2005/04/08	12:51:30	1012.4250	13101.85	24.84	1.21	
143	2005/04/10	17:21:30	1064.9250	13114.13	24.81	2005/04/08	20:21:30	1019.9250	13103.80	24.84	1.17	
144	2005/04/11	00:51:30	1072.4250	13115.91	24.81	2005/04/09	03:51:30	1027.4250	13105.87	24.84	1.23	

Top Gauge Serial Number: 19373 Start Date: 2005/02/25 08:26:00 Run Depth: 1360.70
Bottom Gauge Serial Number: 19374 Start Date: 2005/02/25 08:26:00 Run Depth: 1361.20
Print Filter: Print every 900th point

Paramount Resources Ltd.
300-K-14-66-40-126-001
Start Test Date: 2005/02/25
Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
Formation: Mount Clark "B" & "C"

	Top Gauge Date	Top Gauge Clk Time	Top Gauge Time	Top Gauge Pres.	Top Gauge Temp.	Bottom Gauge Date	Bottom Gauge Clk Time	Bottom Gauge Time	Bottom Gauge Pres.	Bottom Gauge Temp.	Diff. Btm- Top	Bottom Gauge Comment
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	kPa	
145	2005/04/11	08:21:30	1079.9250	13117.99	24.82	2005/04/09	11:21:30	1034.9250	13107.72	24.84	1.18	
146	2005/04/11	15:51:30	1087.4250	13119.51	24.81	2005/04/09	18:51:30	1042.4250	13109.67	24.84	1.15	
147	2005/04/11	23:21:30	1094.9250	13121.50	24.82	2005/04/10	02:21:30	1049.9250	13111.51	24.84	1.10	
148	2005/04/12	06:51:30	1102.4250	13123.35	24.81	2005/04/10	09:51:30	1057.4250	13113.36	24.84	1.07	
149	2005/04/12	14:21:30	1109.9250	13124.95	24.81	2005/04/10	17:21:30	1064.9250	13115.32	24.84	1.19	
150	2005/04/12	21:51:30	1117.4250	13126.68	24.81	2005/04/11	00:51:30	1072.4250	13117.00	24.84	1.09	
151	2005/04/13	05:21:30	1124.9250	13128.42	24.81	2005/04/11	08:21:30	1079.9250	13118.98	24.84	0.99	
152	2005/04/13	12:51:30	1132.4250	13130.21	24.81	2005/04/11	15:51:30	1087.4250	13120.77	24.84	1.26	
153	2005/04/13	20:21:30	1139.9250	13131.91	24.81	2005/04/11	23:21:30	1094.9250	13122.55	24.84	1.05	
154	2005/04/14	03:51:30	1147.4250	13133.63	24.82	2005/04/12	06:51:30	1102.4250	13124.34	24.84	0.99	
155	2005/04/14	11:21:30	1154.9250	13135.09	24.81	2005/04/12	14:21:30	1109.9250	13126.18	24.84	1.23	
156	2005/04/14	18:51:30	1162.4250	13136.80	24.81	2005/04/12	21:51:30	1117.4250	13127.88	24.84	1.20	
157	2005/04/15	02:21:30	1169.9250	13138.38	24.81	2005/04/13	05:21:30	1124.9250	13129.71	24.84	1.29	
158	2005/04/15	09:51:30	1177.4250	13139.89	24.81	2005/04/13	12:51:30	1132.4250	13131.34	24.84	1.13	
159	2005/04/15	17:21:30	1184.9250	13141.50	24.81	2005/04/13	20:21:30	1139.9250	13133.02	24.84	1.11	
160	2005/04/16	00:51:30	1192.4250	13143.03	24.81	2005/04/14	03:51:30	1147.4250	13134.61	24.84	0.98	
161	2005/04/16	08:21:30	1199.9250	13144.57	24.81	2005/04/14	11:21:30	1154.9250	13136.31	24.84	1.22	
162	2005/04/16	15:51:30	1207.4250	13146.01	24.81	2005/04/14	18:51:30	1162.4250	13138.02	24.84	1.22	
163	2005/04/16	23:21:30	1214.9250	13147.52	24.81	2005/04/15	02:21:30	1169.9250	13139.52	24.84	1.14	
164	2005/04/17	06:51:30	1222.4250	13148.92	24.81	2005/04/15	09:51:30	1177.4250	13141.00	24.84	1.11	
165	2005/04/17	14:21:30	1229.9250	13150.36	24.81	2005/04/15	17:21:30	1184.9250	13142.55	24.84	1.05	
166	2005/04/17	21:51:30	1237.4250	13151.85	24.81	2005/04/16	00:51:30	1192.4250	13144.19	24.84	1.16	
167	2005/04/18	05:21:30	1244.9250	13153.36	24.82	2005/04/16	08:21:30	1199.9250	13145.65	24.84	1.08	
168	2005/04/18	12:51:30	1252.4250	13154.64	24.81	2005/04/16	15:51:30	1207.4250	13147.12	24.84	1.11	
169	2005/04/18	20:21:30	1259.9250	13156.00	24.81	2005/04/16	23:21:30	1214.9250	13148.79	24.84	1.27	
170	2005/04/19	03:51:30	1267.4250	13157.18	24.81	2005/04/17	06:51:30	1222.4250	13149.95	24.84	1.03	
171	2005/04/19	11:21:30	1274.9250	13158.62	24.81	2005/04/17	14:21:30	1229.9250	13151.36	24.83	1.00	
172	2005/04/19	18:51:30	1282.4250	13159.82	24.81	2005/04/17	21:51:30	1237.4250	13153.01	24.84	1.16	
173	2005/04/20	02:21:30	1289.9250	13161.11	24.81	2005/04/18	05:21:30	1244.9250	13154.44	24.84	1.08	
174	2005/04/20	09:51:30	1297.4250	13162.40	24.81	2005/04/18	12:51:30	1252.4250	13155.72	24.84	1.08	
175	2005/04/20	17:21:30	1304.9250	13163.78	24.82	2005/04/18	20:21:30	1259.9250	13157.15	24.84	1.15	
176	2005/04/21	00:51:30	1312.4250	13165.34	24.82	2005/04/19	03:51:30	1267.4250	13158.40	24.84	1.22	
177	2005/04/21	08:21:30	1319.9250	13166.65	24.81	2005/04/19	11:21:30	1274.9250	13159.78	24.84	1.16	
178	2005/04/21	15:51:30	1327.4250	13167.87	24.81	2005/04/19	18:51:30	1282.4250	13161.03	24.84	1.21	
179	2005/04/21	23:21:30	1334.9250	13169.29	24.81	2005/04/20	02:21:30	1289.9250	13162.39	24.84	1.28	
180	2005/04/22	06:51:30	1342.4250	13170.52	24.81	2005/04/20	09:51:30	1297.4250	13163.43	24.84	1.03	
181	2005/04/22	14:21:30	1349.9250	13171.60	24.81	2005/04/20	17:21:30	1304.9250	13164.83	24.84	1.05	
182	2005/04/22	21:51:30	1357.4250	13172.87	24.81	2005/04/21	00:51:30	1312.4250	13166.41	24.84	1.07	
183	2005/04/23	05:21:30	1364.9250	13174.12	24.81	2005/04/21	08:21:30	1319.9250	13167.85	24.84	1.20	
184	2005/04/23	12:51:30	1372.4250	13175.26	24.82	2005/04/21	15:51:30	1327.4250	13169.00	24.84	1.13	
185	2005/04/23	20:21:30	1379.9250	13176.31	24.81	2005/04/21	23:21:30	1334.9250	13170.31	24.84	1.02	
186	2005/04/24	03:51:30	1387.4250	13177.38	24.82	2005/04/22	06:51:30	1342.4250	13171.66	24.84	1.14	
187	2005/04/24	11:21:30	1394.9250	13178.48	24.81	2005/04/22	14:21:30	1349.9250	13172.84	24.84	1.24	
188	2005/04/24	18:51:30	1402.4250	13179.70	24.82	2005/04/22	21:51:30	1357.4250	13174.03	24.84	1.16	
189	2005/04/25	02:21:30	1409.9250	13180.66	24.81	2005/04/23	05:21:30	1364.9250	13175.20	24.84	1.08	
190	2005/04/25	09:51:30	1417.4250	13181.78	24.81	2005/04/23	12:51:30	1372.4250	13176.29	24.84	1.03	
191	2005/04/25	17:21:30	1424.9250	13182.93	24.82	2005/04/23	20:21:30	1379.9250	13177.46	24.84	1.15	
192	2005/04/26	00:51:30	1432.4250	13184.04	24.82	2005/04/24	03:51:30	1387.4250	13178.47	24.84	1.09	

Top Gauge Serial Number: 19373 Start Date: 2005/02/25 08:26:00 Run Depth: 1360.70
Bottom Gauge Serial Number: 19374 Start Date: 2005/02/25 08:26:00 Run Depth: 1361.20
Print Filter: Print every 900th point

Paramount Resources Ltd.
300-K-14-66-40-126-001
Start Test Date: 2005/02/25
Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
Formation: Mount Clark "B" & "C"

	Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Diff. Btm- Top kPa	Bottom Gauge Comment
193	2005/04/26	08:21:30	1439.9250	13185.00	24.81	2005/04/24	11:21:30	1394.9250	13179.68	24.84	1.20	
194	2005/04/26	15:51:30	1447.4250	13186.09	24.82	2005/04/24	18:51:30	1402.4250	13180.68	24.84	0.98	
195	2005/04/26	23:21:30	1454.9250	13187.00	24.81	2005/04/25	02:21:30	1409.9250	13181.93	24.84	1.27	
196	2005/04/27	06:51:30	1462.4250	13187.94	24.81	2005/04/25	09:51:30	1417.4250	13182.91	24.84	1.13	
197	2005/04/27	14:21:30	1469.9250	13189.18	24.82	2005/04/25	17:21:30	1424.9250	13184.01	24.84	1.08	
198	2005/04/27	21:51:30	1477.4250	13190.02	24.81	2005/04/26	00:51:30	1432.4250	13185.02	24.84	0.98	
199	2005/04/28	05:21:30	1484.9250	13191.03	24.82	2005/04/26	08:21:30	1439.9250	13186.12	24.84	1.12	
200	2005/04/28	12:51:30	1492.4250	13192.05	24.82	2005/04/26	15:51:30	1447.4250	13187.12	24.84	1.03	
201	2005/04/28	20:21:30	1499.9250	13192.80	24.82	2005/04/26	23:21:30	1454.9250	13188.18	24.84	1.18	
202	2005/04/29	03:51:30	1507.4250	13193.70	24.81	2005/04/27	06:51:30	1462.4250	13189.04	24.84	1.10	
203	2005/04/29	11:21:30	1514.9250	13194.89	24.82	2005/04/27	14:21:30	1469.9250	13190.22	24.84	1.04	
204	2005/04/29	18:51:30	1522.4250	13195.83	24.81	2005/04/27	21:51:30	1477.4250	13191.11	24.84	1.09	
205	2005/04/30	02:21:30	1529.9250	13197.00	24.82	2005/04/28	05:21:30	1484.9250	13192.08	24.84	1.05	
206	2005/04/30	09:51:30	1537.4250	13198.43	24.82	2005/04/28	12:51:30	1492.4250	13193.04	24.84	0.99	
207	2005/04/30	17:21:30	1544.9250	13199.48	24.82	2005/04/28	20:21:30	1499.9250	13193.91	24.84	1.11	
208	2005/05/01	00:51:30	1552.4250	13200.56	24.82	2005/04/29	03:51:30	1507.4250	13194.98	24.84	1.28	
209	2005/05/01	08:21:30	1559.9250	13202.39	24.82	2005/04/29	11:21:30	1514.9250	13195.96	24.84	1.07	
210	2005/05/01	15:51:30	1567.4250	13203.68	24.82	2005/04/29	18:51:30	1522.4250	13196.86	24.84	1.03	
211	2005/05/01	23:21:30	1574.9250	13204.71	24.82	2005/04/30	02:21:30	1529.9250	13198.23	24.85	1.23	
212	2005/05/02	06:51:30	1582.4250	13205.72	24.82	2005/04/30	09:51:30	1537.4250	13199.43	24.84	1.00	
213	2005/05/02	14:21:30	1589.9250	13206.81	24.82	2005/04/30	17:21:30	1544.9250	13200.48	24.84	1.00	
214	2005/05/02	21:51:30	1597.4250	13207.92	24.82	2005/05/01	00:51:30	1552.4250	13201.66	24.84	1.10	
215	2005/05/03	05:21:30	1604.9250	13208.99	24.82	2005/05/01	08:21:30	1559.9250	13203.44	24.84	1.05	
216	2005/05/03	12:51:30	1612.4250	13209.98	24.82	2005/05/01	15:51:30	1567.4250	13204.65	24.84	0.97	
217	2005/05/03	20:21:30	1619.9250	13211.36	24.82	2005/05/01	23:21:30	1574.9250	13205.64	24.84	0.93	
218	2005/05/04	03:51:30	1627.4250	13212.53	24.82	2005/05/02	06:51:30	1582.4250	13206.83	24.84	1.11	
219	2005/05/04	11:21:30	1634.9250	13213.23	24.82	2005/05/02	14:21:30	1589.9250	13207.79	24.84	0.98	
220	2005/05/04	18:51:30	1642.4250	13214.00	24.82	2005/05/02	21:51:30	1597.4250	13208.99	24.84	1.07	
221	2005/05/05	02:21:30	1649.9250	13214.60	24.82	2005/05/03	05:21:30	1604.9250	13210.00	24.84	1.01	
222	2005/05/05	09:51:30	1657.4250	13215.42	24.82	2005/05/03	12:51:30	1612.4250	13211.04	24.84	1.06	
223	2005/05/05	17:21:30	1664.9250	13216.18	24.82	2005/05/03	20:21:30	1619.9250	13212.43	24.84	1.07	
224	2005/05/06	00:51:30	1672.4250	13216.86	24.82	2005/05/04	03:51:30	1627.4250	13213.40	24.84	0.87	
225	2005/05/06	08:21:30	1679.9250	13217.43	24.82	2005/05/04	11:21:30	1634.9250	13214.11	24.84	0.88	
226	2005/05/06	15:51:30	1687.4250	13218.14	24.82	2005/05/04	18:51:30	1642.4250	13215.06	24.84	1.06	
227	2005/05/06	23:21:30	1694.9250	13218.81	24.82	2005/05/05	02:21:30	1649.9250	13215.66	24.84	1.06	
228	2005/05/07	06:51:30	1702.4250	13219.47	24.82	2005/05/05	09:51:30	1657.4250	13216.37	24.84	0.95	
229	2005/05/07	14:21:30	1709.9250	13220.20	24.81	2005/05/05	17:21:30	1664.9250	13217.07	24.84	0.89	
230	2005/05/07	21:51:30	1717.4250	13221.01	24.82	2005/05/06	00:51:30	1672.4250	13217.78	24.84	0.92	
231	2005/05/08	05:21:30	1724.9250	13221.64	24.82	2005/05/06	08:21:30	1679.9250	13218.50	24.84	1.07	
232	2005/05/08	12:51:30	1732.4250	13222.44	24.82	2005/05/06	15:51:30	1687.4250	13219.02	24.84	0.88	
233	2005/05/08	20:21:30	1739.9250	13223.26	24.82	2005/05/06	23:21:30	1694.9250	13219.82	24.84	1.01	
234	2005/05/09	03:51:30	1747.4250	13224.05	24.82	2005/05/07	06:51:30	1702.4250	13220.50	24.84	1.03	
235	2005/05/09	11:21:30	1754.9250	13224.76	24.82	2005/05/07	14:21:30	1709.9250	13221.30	24.84	1.10	
236	2005/05/09	18:51:30	1762.4250	13225.51	24.82	2005/05/07	21:51:30	1717.4250	13221.91	24.84	0.90	
237	2005/05/10	02:21:30	1769.9250	13226.22	24.82	2005/05/08	05:21:30	1724.9250	13222.61	24.84	0.97	
238	2005/05/10	09:51:30	1777.4250	13226.73	24.82	2005/05/08	12:51:30	1732.4250	13223.41	24.84	0.97	
239	2005/05/10	17:21:30	1784.9250	13227.24	24.82	2005/05/08	20:21:30	1739.9250	13224.27	24.84	1.01	
240	2005/05/11	00:51:30	1792.4250	13227.79	24.82	2005/05/09	03:51:30	1747.4250	13225.06	24.84	1.01	

Top Gauge Serial Number: 19373 Start Date: 2005/02/25 08:26:00 Run Depth: 1360.70
Bottom Gauge Serial Number: 19374 Start Date: 2005/02/25 08:26:00 Run Depth: 1361.20
Print Filter: Print every 900th point

Paramount Resources Ltd.
300-K-14-66-40-126-001
Start Test Date: 2005/02/25
Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
Formation: Mount Clark "B" & "C"

	Top Gauge Date	Top Gauge Clk Time	Top Gauge Time	Top Gauge Pres.	Top Gauge Temp.	Bottom Gauge Date	Bottom Gauge Clk Time	Bottom Gauge Time	Bottom Gauge Pres.	Bottom Gauge Temp.	Diff. Btm- Top	Bottom Gauge Comment
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	kPa	
241	2005/05/11	08:21:30	1799.9250	13228.35	24.82	2005/05/09	11:21:30	1754.9250	13225.74	24.84	0.98	
242	2005/05/11	15:51:30	1807.4250	13228.79	24.82	2005/05/09	18:51:30	1762.4250	13226.58	24.84	1.07	
243	2005/05/11	23:21:30	1814.9250	13229.62	24.82	2005/05/10	02:21:30	1769.9250	13227.17	24.84	0.95	
244	2005/05/12	06:51:30	1822.4250	13230.25	24.82	2005/05/10	09:51:30	1777.4250	13227.69	24.84	0.96	
245	2005/05/12	14:21:30	1829.9250	13230.83	24.82	2005/05/10	17:21:30	1784.9250	13228.28	24.84	1.04	
246	2005/05/12	21:51:30	1837.4250	13231.34	24.82	2005/05/11	00:51:30	1792.4250	13228.83	24.84	1.04	
247	2005/05/13	05:21:30	1844.9250	13231.83	24.82	2005/05/11	08:21:30	1799.9250	13229.25	24.84	0.90	
248	2005/05/13	12:51:30	1852.4250	13232.36	24.82	2005/05/11	15:51:30	1807.4250	13229.86	24.84	1.07	
249	2005/05/13	20:21:30	1859.9250	13232.93	24.82	2005/05/11	23:21:30	1814.9250	13230.53	24.84	0.91	
250	2005/05/14	03:51:30	1867.4250	13233.41	24.82	2005/05/12	06:51:30	1822.4250	13231.16	24.84	0.91	
251	2005/05/14	11:21:30	1874.9250	13233.69	24.81	2005/05/12	14:21:30	1829.9250	13231.80	24.85	0.97	
252	2005/05/14	18:51:30	1882.4250	13234.30	24.82	2005/05/12	21:51:30	1837.4250	13232.29	24.84	0.95	
253	2005/05/15	02:21:30	1889.9250	13234.80	24.82	2005/05/13	05:21:30	1844.9250	13232.79	24.84	0.96	
254	2005/05/15	09:51:30	1897.4250	13235.31	24.81	2005/05/13	12:51:30	1852.4250	13233.36	24.85	1.00	
255	2005/05/15	17:21:30	1904.9250	13235.89	24.82	2005/05/13	20:21:30	1859.9250	13233.91	24.85	0.98	
256	2005/05/16	00:51:30	1912.4250	13236.23	24.82	2005/05/14	03:51:30	1867.4250	13234.35	24.84	0.94	
257	2005/05/16	08:21:30	1919.9250	13236.84	24.82	2005/05/14	11:21:30	1874.9250	13234.81	24.84	1.12	
258	2005/05/16	15:51:30	1927.4250	13237.64	24.82	2005/05/14	18:51:30	1882.4250	13235.21	24.84	0.91	
259	2005/05/16	23:21:30	1934.9250	13238.17	24.82	2005/05/15	02:21:30	1889.9250	13235.77	24.85	0.97	
260	2005/05/17	06:51:30	1942.4250	13238.69	24.82	2005/05/15	09:51:30	1897.4250	13236.33	24.84	1.02	
261	2005/05/17	14:21:30	1949.9250	13239.19	24.82	2005/05/15	17:21:30	1904.9250	13236.75	24.84	0.86	
262	2005/05/17	21:51:30	1957.4250	13239.72	24.82	2005/05/16	00:51:30	1912.4250	13237.32	24.85	1.09	
263	2005/05/18	05:21:30	1964.9250	13240.17	24.82	2005/05/16	08:21:30	1919.9250	13237.71	24.84	0.87	
264	2005/05/18	12:51:30	1972.4250	13240.69	24.82	2005/05/16	15:51:30	1927.4250	13238.39	24.84	0.75	
265	2005/05/18	20:21:30	1979.9250	13241.20	24.82	2005/05/16	23:21:30	1934.9250	13239.07	24.85	0.90	
266	2005/05/19	03:51:30	1987.4250	13241.82	24.82	2005/05/17	06:51:30	1942.4250	13239.59	24.84	0.90	
267	2005/05/19	11:21:30	1994.9250	13242.80	24.82	2005/05/17	14:21:30	1949.9250	13240.01	24.84	0.82	
268	2005/05/19	18:51:30	2002.4250	13243.57	24.82	2005/05/17	21:51:30	1957.4250	13240.60	24.84	0.88	
269	2005/05/20	02:21:30	2009.9250	13244.18	24.82	2005/05/18	05:21:30	1964.9250	13241.15	24.84	0.98	
270	2005/05/20	09:51:30	2017.4250	13244.71	24.82	2005/05/18	12:51:30	1972.4250	13241.66	24.85	0.97	
271	2005/05/20	17:21:30	2024.9250	13245.33	24.82	2005/05/18	20:21:30	1979.9250	13241.96	24.84	0.76	
272	2005/05/21	00:51:30	2032.4250	13245.64	24.82	2005/05/19	03:51:30	1987.4250	13242.76	24.84	0.94	
273	2005/05/21	08:21:30	2039.9250	13246.07	24.82	2005/05/19	11:21:30	1994.9250	13243.72	24.84	0.92	
274	2005/05/21	15:51:30	2047.4250	13246.50	24.82	2005/05/19	18:51:30	2002.4250	13244.47	24.84	0.90	
275	2005/05/21	23:21:30	2054.9250	13246.94	24.82	2005/05/20	02:21:30	2009.9250	13245.13	24.84	0.95	
276	2005/05/22	06:51:30	2062.4250	13247.52	24.82	2005/05/20	09:51:30	2017.4250	13245.71	24.84	1.00	
277	2005/05/22	14:21:30	2069.9250	13248.16	24.82	2005/05/20	17:21:30	2024.9250	13246.19	24.84	0.86	
278	2005/05/22	21:51:30	2077.4250	13248.67	24.82	2005/05/21	00:51:30	2032.4250	13246.49	24.84	0.85	
279	2005/05/23	05:21:30	2084.9250	13249.02	24.82	2005/05/21	08:21:30	2039.9250	13247.00	24.84	0.93	
280	2005/05/23	12:51:30	2092.4250	13249.57	24.82	2005/05/21	15:51:30	2047.4250	13247.36	24.85	0.86	
281	2005/05/23	20:21:30	2099.9250	13250.01	24.82	2005/05/21	23:21:30	2054.9250	13247.92	24.84	0.98	
282	2005/05/24	03:51:30	2107.4250	13250.42	24.82	2005/05/22	06:51:30	2062.4250	13248.49	24.85	0.97	
283	2005/05/24	11:21:30	2114.9250	13250.72	24.82	2005/05/22	14:21:30	2069.9250	13248.98	24.84	0.82	
284						2005/05/22	21:51:30	2077.4250	13249.50	24.85	0.83	
285						2005/05/23	05:21:30	2084.9250	13250.10	24.85	1.08	
286						2005/05/23	12:51:30	2092.4250	13250.36	24.84	0.79	
287						2005/05/23	20:21:30	2099.9250	13250.99	24.85	0.98	
288						2005/05/24	03:51:30	2107.4250	13251.34	24.84	0.92	

Top Gauge Serial Number: 19373 Start Date: 2005/02/25 08:26:00 Run Depth: 1360.70
Bottom Gauge Serial Number: 19374 Start Date: 2005/02/25 08:26:00 Run Depth: 1361.20
Print Filter: Print every 900th point

Paramount Resources Ltd.
 300-K-14-66-40-126-001
 Start Test Date: 2005/02/25
 Final Test Date: 2005/05/24

Paramount Nogha K-14-66-40-126-001
 Formation: Mount Clark "B" & "C"

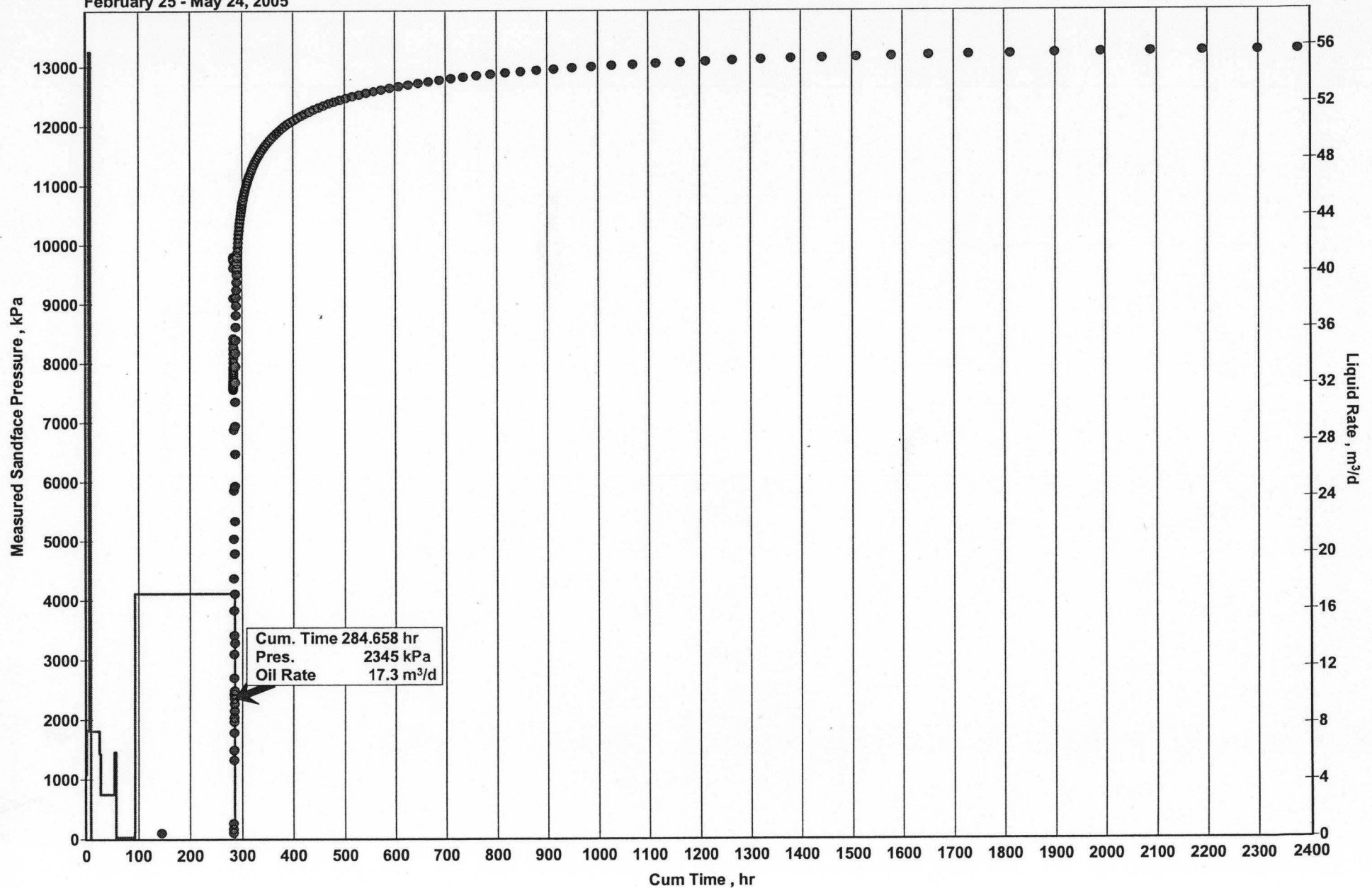
Top Gauge Date yyyy/mm/dd	Top Gauge Clk Time hh:mm:ss	Top Gauge Time hr	Top Gauge Pres. kPa(a)	Top Gauge Temp. °C	Bottom Gauge Date yyyy/mm/dd	Bottom Gauge Clk Time hh:mm:ss	Bottom Gauge Time hr	Bottom Gauge Pres. kPa(a)	Bottom Gauge Temp. °C	Diff. Btm- Top kPa	Bottom Gauge Comment
289					2005/05/24	11:21:30	2114.9250	13251.63	24.84	0.91	
290					2005/05/24	12:30:30	2116.0750	13251.39	24.84	0.99	
291					2005/05/24	12:31:00	2116.0833	13251.39	24.85	0.92	Off Bottom
292					2005/05/24	12:31:30	2116.0917	13249.06	24.84	-1.22	

Top Gauge Serial Number: 19373 Start Date: 2005/02/25 08:26:00 Run Depth: 1360.70
 Bottom Gauge Serial Number: 19374 Start Date: 2005/02/25 08:26:00 Run Depth: 1361.20
 Print Filter: Print every 900th point

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Apache Paramount West Nogha K-14
300-K-14-66-40-126-001
Mount Clark 'B' & 'C' 1369.7-1379.0 mKB
February 25 - May 24, 2005

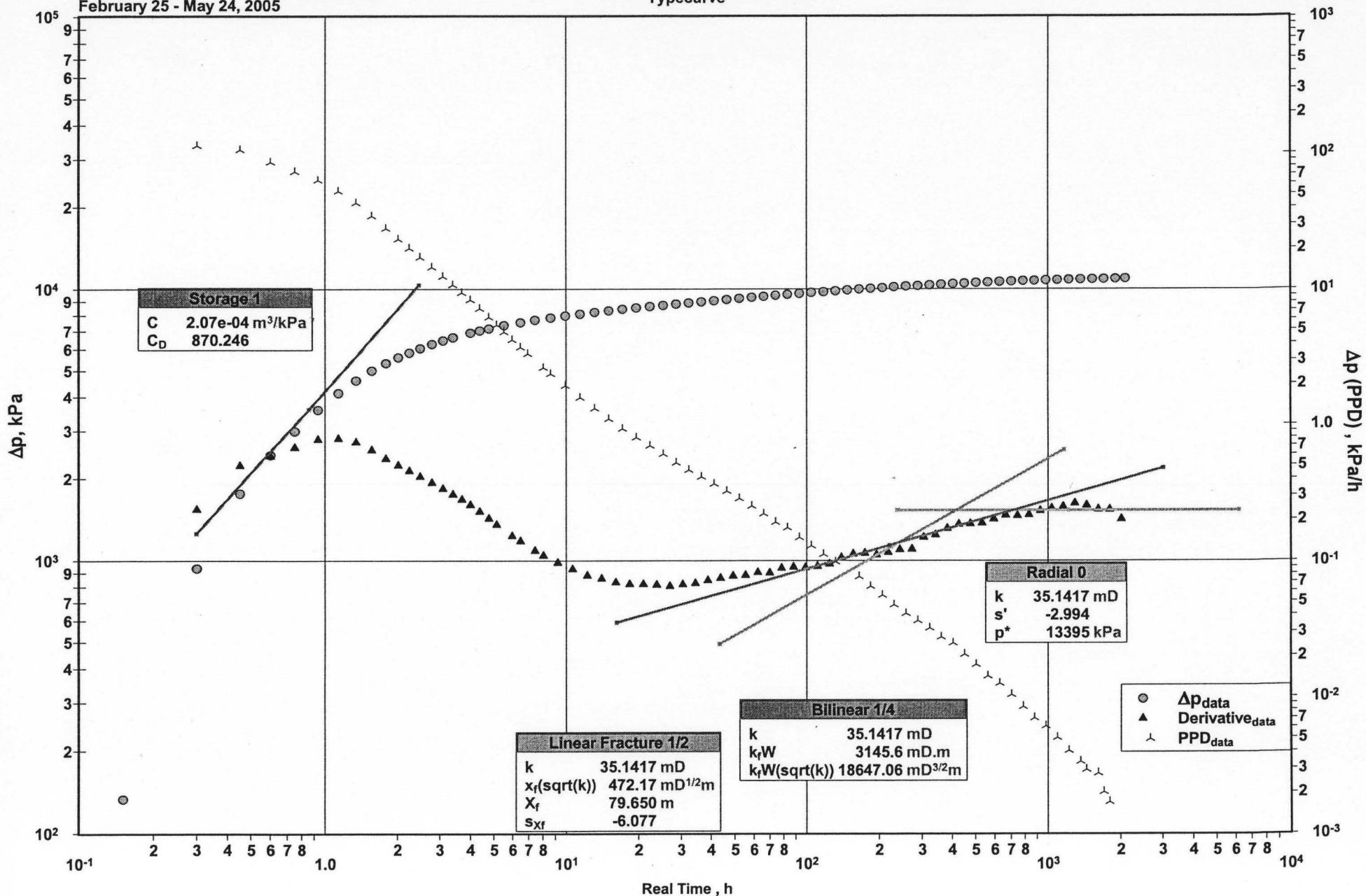
Data Chart



Apache Paramount West Nogha K-14
 300-K-14-66-40-126-001
 Mount Clark 'B' & 'C' 1369.7-1379.0 mKB
 February 25 - May 24, 2005

Diagnostic Analysis 1

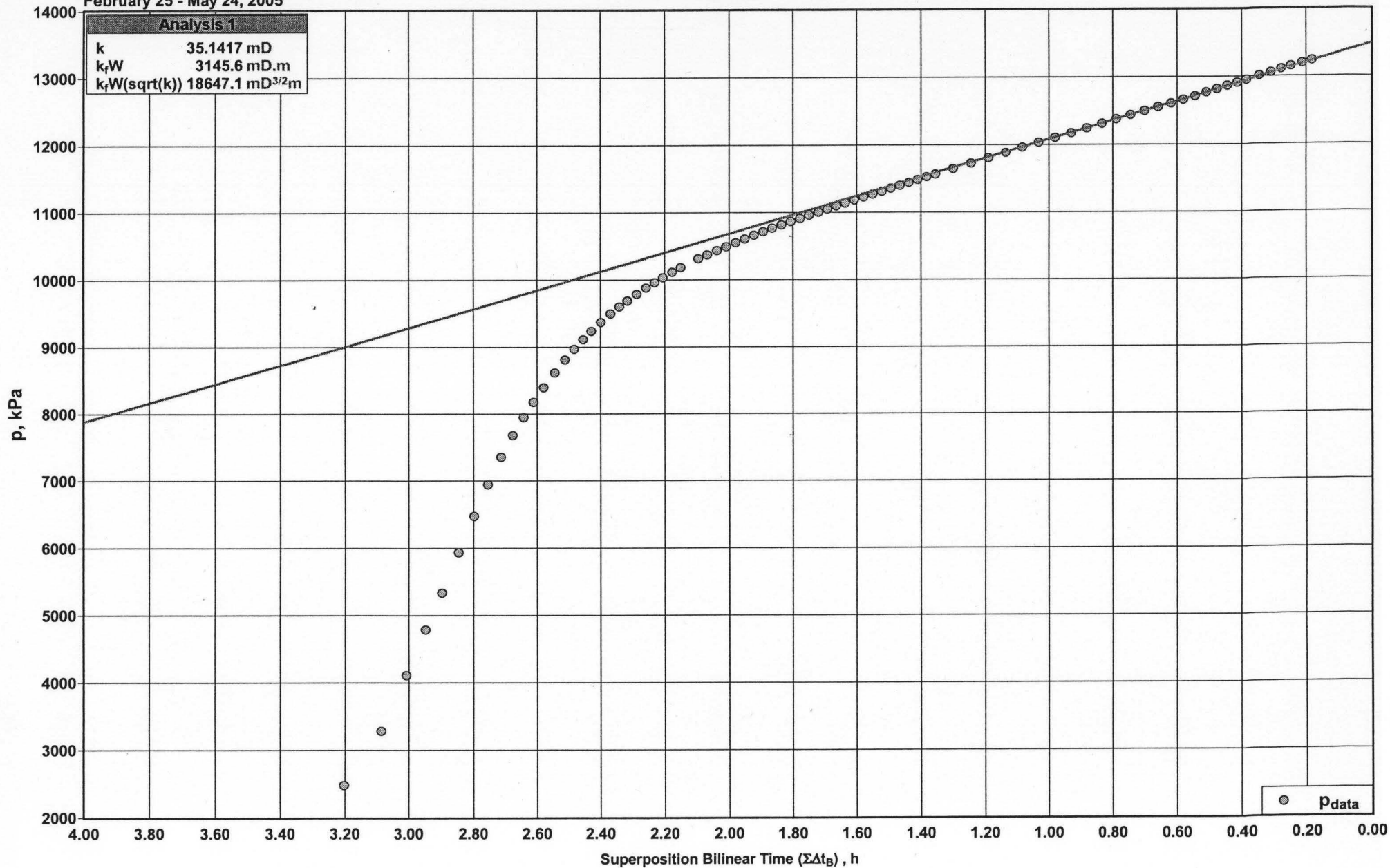
Typecurve



Apache Paramount West Nogha K-14
 300-K-14-66-40-126-001
 Mount Clark 'B' & 'C' 1369.7-1379.0 mKB
 February 25 - May 24, 2005

Diagnostic Analysis 1

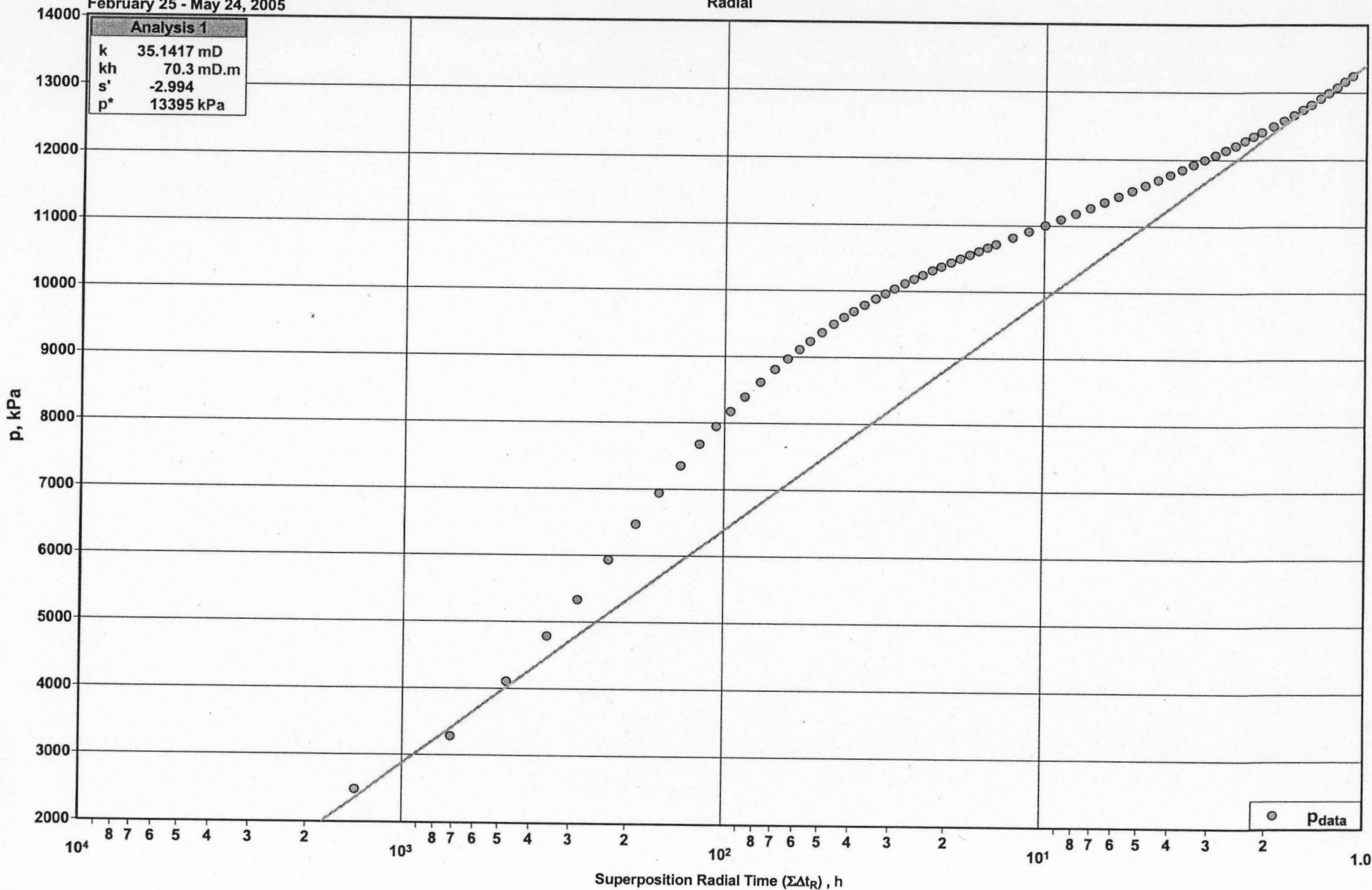
Bilinear



Apache Paramount West Nogha K-14
 300-K-14-66-40-126-001
 Mount Clark 'B' & 'C' 1369.7-1379.0 mKB
 February 25 - May 24, 2005

Diagnostic Analysis 1

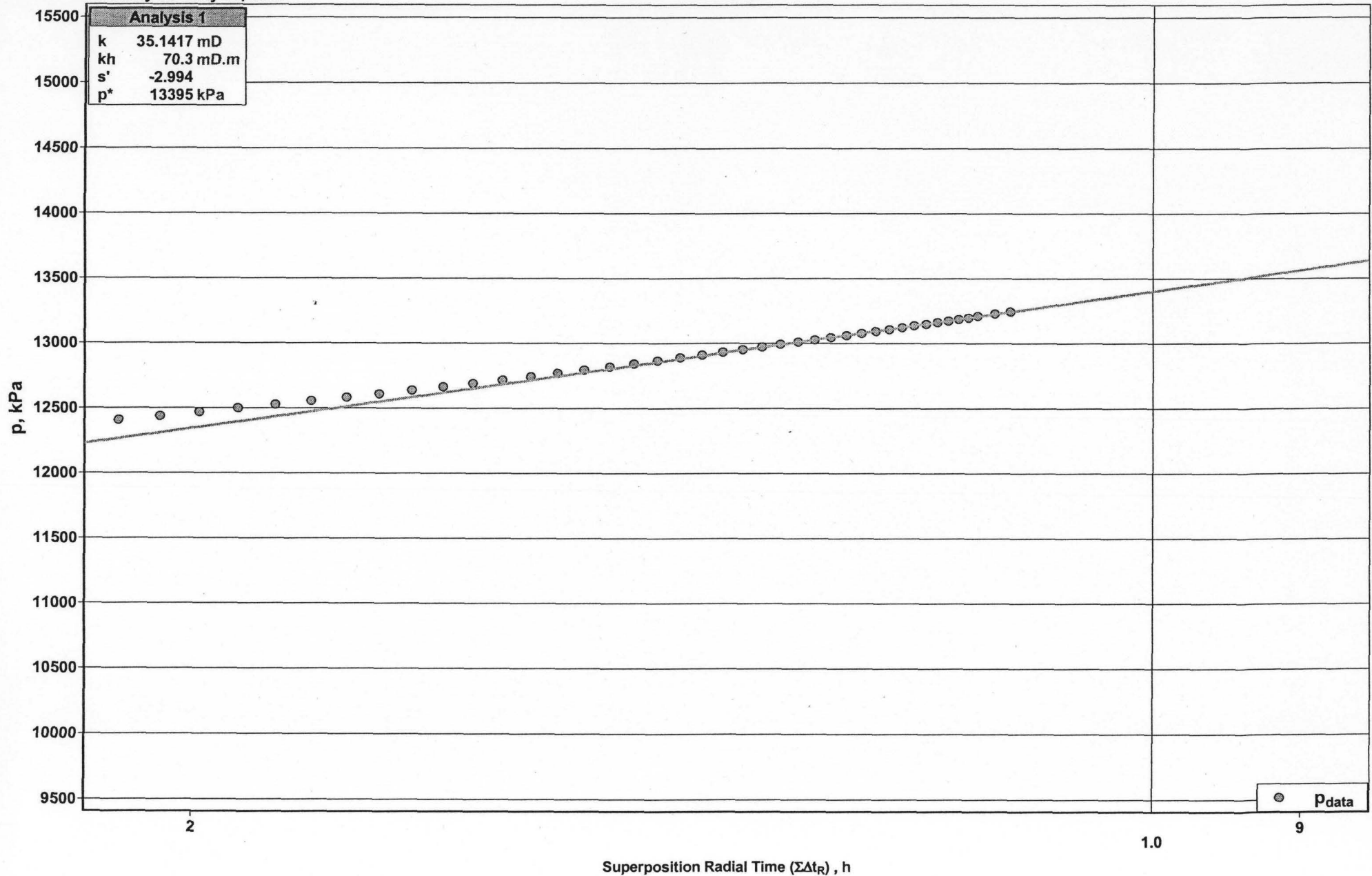
Radial



Apache Paramount West Nogha K-14
 300-K-14-66-40-126-001
 Mount Clark 'B' & 'C' 1369.7-1379.0 mKB
 February 25 - May 24, 2005

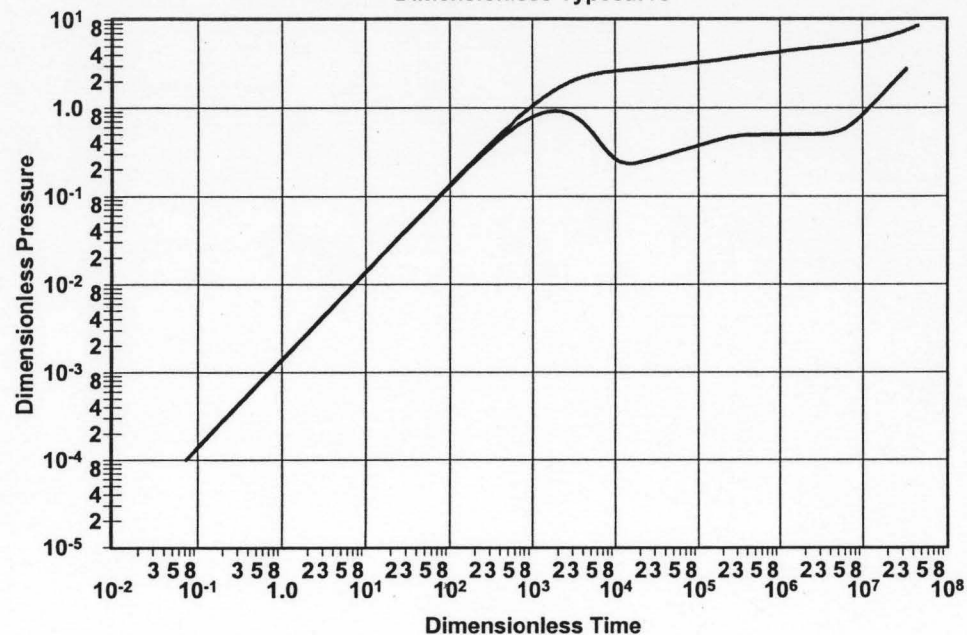
Diagnostic Analysis 1

Radial



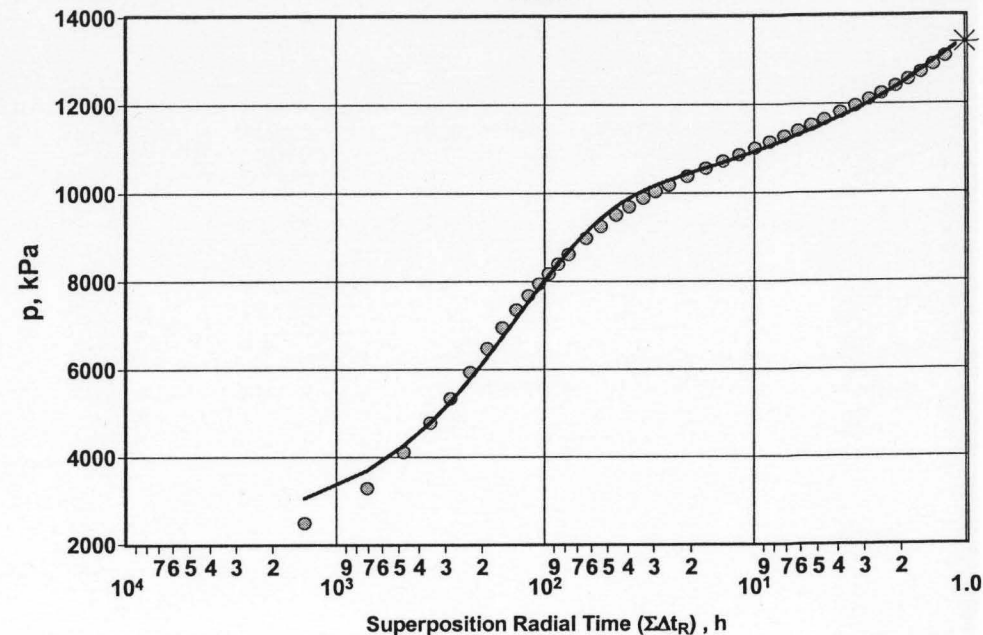
Fin. Cond. Frac. 2

Dimensionless Typecurve



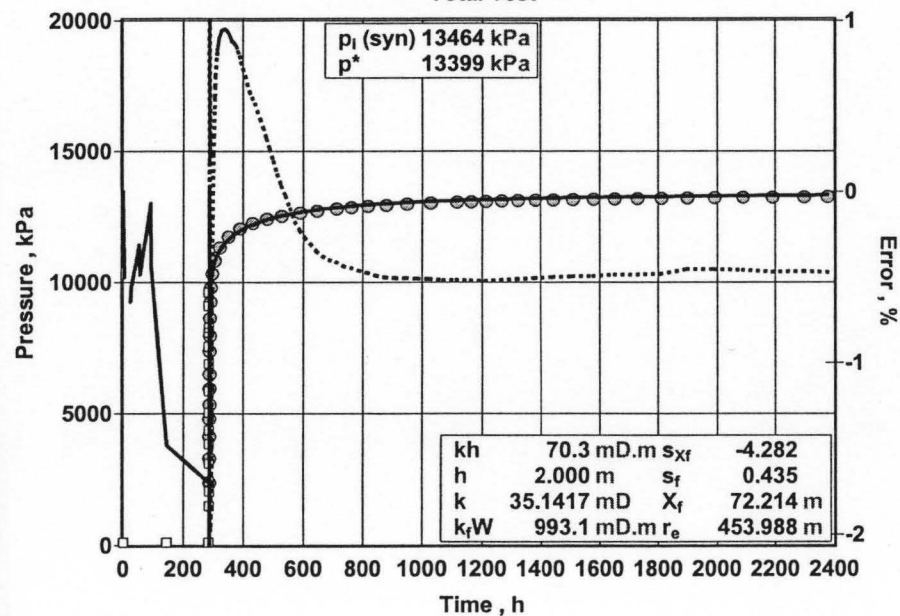
Fin. Cond. Frac. 2

Radial



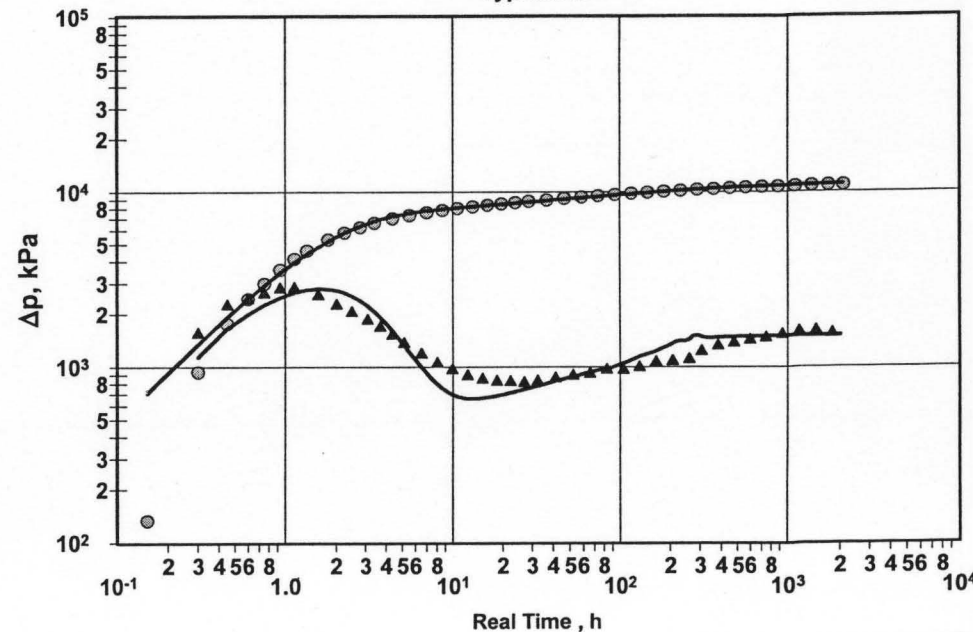
Fin. Cond. Frac. 2

Total Test



Fin. Cond. Frac. 2

Typecurve



Finite Conductivity Fracture Oil Well Model

Case Name : Fin. Cond. Frac. 2

Apache Paramount West Nogha K-14

300-K-14-66-40-126-001

Mount Clark 'B' & 'C' 1369.7-1379.0 mKB

February 25 - May 24, 2005

Model Parameters

Oil Permeability (k_o)	35.142 mD	Fracture Half Length (x_f)	72.21 m
Gas Permeability (k_g)	mD	Fracture Flow Capacity (k_{fw})	993.061 mD.m
Water Permeability (k_w)	0.000 mD	Fracture Face Skin (s_f)	0.435
Total Mobility ($[(k/\mu)_t]$)	6.22 mD/mPa.s	Skin Equivalent to X_f	-4.282
Total Transmissivity ($[(kh/\mu)_t]$)	12.44 mDm/mPa.s	Exterior Radius (r_e)	453.99 m
Wellbore Storage Constant Dim. (C_D)	730.81		

Formation Parameters

Net Pay (h)	2.00 m
Total Porosity (Φ_t)	15.00 %
Oil Saturation (S_o)	80.00 %
Gas Saturation (S_g)	0.00 %
Water Saturation (S_w)	20.00 %
Wellbore Radius (r_w)	0.091 m
Formation Temperature (T)	24.8 °C
Formation Compressibility (c_f)	5.960e-7 kPa ⁻¹
Total Compressibility (c_t)	1.510e-5 kPa ⁻¹

Production and Pressure

$Q_t B_t$	20.590 m ³ /d
Final Oil Rate	17.280 m ³ /d
Final Gas Rate	0.000 10 ³ m ³ /d
Final Water Rate	0.000 m ³ /d
Final Flowing Pressure (p_{wf})	2345.26 kPa
Final Measured Pressure	13250.49 kPa
Cumulative Oil Production	157.673 m ³

Synthesis Results

Average Error	-0.25 %
Synthetic Initial Pressure (p_i)	13464.03 kPa
Extrapolated Pressure at Specified Time	13399.22 kPa
Pressure Drop Due To Fracture Face Skin (Δp_{sf})	2936.08 kPa
Flow Efficiency (FE)	0.734
Damage Ratio (DR)	1.362

Fluid Properties

Oil Compressibility (c_o)	1.80199e-5 kPa ⁻¹
Gas Compressibility (c_g)	7.84784e-5 kPa ⁻¹
Water Compressibility (c_w)	4.46934e-7 kPa ⁻¹
Oil Formation Volume Factor (B_o)	1.192
Gas Formation Volume Factor (B_g)	0.006752 m ³ /m ³
Water Formation Volume Factor (B_w)	0.995
Oil Viscosity (μ_o)	5.649 mPa.s
Gas Viscosity (μ_g)	16.524 μ Pa.s
Water Viscosity (μ_w)	0.890 mPa.s
Solution Gas Ratio (R_s)	70 m ³ /m ³
Oil Gravity (γ_o)	0.876
Gas Gravity (γ_g)	0.660
PVT Reference Pressure (p_{pvt})	13250.49 kPa
Bubble Point Pressure (P_{bp})	13250.49 kPa

Forecasts

Forecast Flowing Pressure (P_{flow})	2345.26 kPa
3 - Month Constant Rate Forecast @ Curr. Skin	13.076 m ³ /d
6 - Month Constant Rate Forecast @ Curr. Skin	12.179 m ³ /d
Forecast Flow Duration (t_{flow})	12.00 month
Constant Rate Forecast @ Curr. Frac. Face Skin	11.189 m ³ /d
PI / II (Total Liquids - Actual)	1.19e-3 m ³ /d/kPa
Constant Rate Forecast @ Frac. Face Skin=0	13.503 m ³ /d
PI / II (Total Liquids - Ideal)	1.49e-3 m ³ /d/kPa

Inflow Performance Relationship

IPR

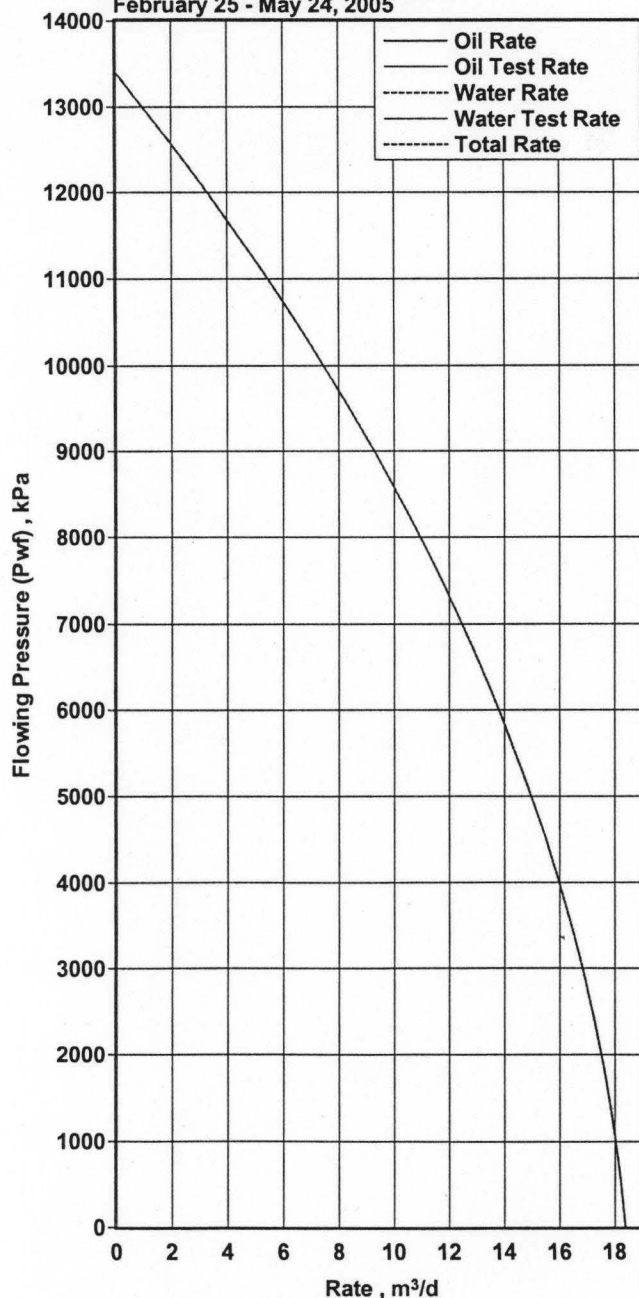
Test Data

Reservoir Pressure (P_R)	13399 kPa
Bubble Point Pressure (P_{bp})	13250 kPa
Test Pressure (P_{wf})	2345 kPa
Oil Test Rate (q_o)	17.3 m ³ /d
Water Test Rate (q_w)	0.0 m ³ /d

Results

Maximum Oil Rate	18.4 m ³ /d
Maximum Water Rate	0.0 m ³ /d
Maximum Total Rate	18.4 m ³ /d

Apache Paramount West Nogha K-14
300-K-14-66-40-126-001
Mount Clark 'B' & Liquid IPR 1.0 mKB
February 25 - May 24, 2005



Flowing Pressure	Oil Rate	Water Rate	Total Rate
kPa	m ³ /d	m ³ /d	m ³ /d
0	18.4	0.0	18.4
1000	18.0	0.0	18.0
2000	17.5	0.0	17.5
2345*	17.3	0.0	17.3
3000	16.8	0.0	16.8
4000	16.0	0.0	16.0
5000	15.0	0.0	15.0
6000	13.8	0.0	13.8
7000	12.5	0.0	12.5
8000	11.0	0.0	11.0
9000	9.3	0.0	9.3
10000	7.5	0.0	7.5
11000	5.5	0.0	5.5
12000	3.3	0.0	3.3
13000	1.0	0.0	1.0
13399	0.0	0.0	0.0

Note: * Test Point

** Bubble Point

Oil IPR based on Vogel's Equation
(Quadratic Curve Factor=0.2)