

Baker Atlas
TRI-ALTA BEWS DIVISION

Pressure Test Report

COMPANY INFORMATION

Company Name	PARAMOUNT RESOURCES LTD.
Representative	Mr. Wayne Tomm
Phone	# 266 - 2047
Fax	# 262 - 7994
Address	4000, 350 - 7th Avenue S.W., Calgary, Alberta T2P - 3W5
E-Mail Address	hkib@telusplanet.com
Service Company	Tri - Alta Bews Services

WELL INFORMATION

Well Name	Paramount et al Liard
Well Location	F - 36
Field and Pool	Liard - Tight Hole
Status (Oil, Gas, Water, Injection)	Gaswell
Perforated Intervals	1621.0 - 1632.5 mCF
Mid-point of Perforated Intervals (MPP)	1626.75 mCF
Drilling Rig Number	N/A
Elevations	
Kelly Bushing (KB)	470.3 m
Casing Flange (CF)	464.8 m
KB-CF	5.5 m
Ground Level	N/A
Plug Back Total Depth	N/A
Total Depth	N/A
Production Casing	114.3 mm
Production Tubing	N/A

TEST INFORMATION

Test Number / Type of Test	Static Gradient
Date(s) of Test	March 05/99.
Dead-weight Gauge Tubing Pressure	N/A
Dead-weight Gauge Casing Pressure	13,600 kPa
Shut-in Date (Duration)	N/A
Date / Time on Bottom	March 05/99 @ 22:44.
Date / Time off Bottom	March 05/99 @ 22:54.

Probe Serial Number	P54 (TOP)	R69 (BOTTOM)
Probe Offset from End of Tool String	1.19 mCF	0.11 mCF
Run Depth at Probe Pressure Port	1625.56 mCF	1626.64 mCF

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	15904.08 kPag	15901.20 kPag
Maximum Recorded Probe Temperature	58.69 deg C	59.24 deg C
Final Buildup Pressure	N/A	N/A
Gradient Survey Information		
Extrapolated Pressure to MPP	15906.330 kPag	15901.436 kPag
Final Gradient at Depth	2.2797 kPa/m	2.1868 kPa/m
Job Number	N/A	



Company Name PARAMOUNT RESOURCES LTD.
Well Name Paramount et al Liard
Well Location F - 36
Date(s) of Test March 05/99.

PROBE INFORMATION

Probe Serial Number	P54 (TOP)
Model	Level II
Pressure	
Calibrated Pressure Range	0 - 41370 kPag
Accuracy	0.05% FS
Resolution	0.0015% FS
Temperature	
Calibrated Temperature Range	-21.1 - 148.6 deg C
Accuracy	0.25% FS
Resolution	0.002% FS
Calibration File Used for Reports	P54JA02A.CAL

PROGRAMMING DETAILS

<u>Step</u>	<u>Sample Mode</u>	<u>Period</u>	<u>Duration</u>	<u>Comment</u>
0	Pause	5 seconds	25 seconds	Test mode
1	Overrun	10 seconds	end of memory	Fill remaining memory

Program Start Time	Mar 05/1999 @ 21:46:01
Program End Time	Mar 05/1999 @ 23:29:31
Total Samples Taken	622
Usage for this Test	0.0540 Ah
Generic Data File Name	P54MR05A.GEN



Company Name PARAMOUNT RESOURCES LTD.
Well Name Paramount et al Liard
Well Location F - 36
Date(s) of Test March 05/99.

PROBE INFORMATION

Probe Serial Number R69 (BOTTOM)
Model Level II
Pressure
 Calibrated Pressure Range 0 - 41370 kPag
 Accuracy 0.05% FS
 Resolution 0.0015% FS
Temperature
 Calibrated Temperature Range -21.0 - 125.2 deg C
 Accuracy 0.25% FS
 Resolution 0.002% FS
Calibration File Used for Reports R69OC16A.CAL

PROGRAMMING DETAILS

<u>Step</u>	<u>Sample Mode</u>	<u>Period</u>	<u>Duration</u>	<u>Comment</u>
0	Pause	5 seconds	25 seconds	Test mode
1	Overrun	10 seconds	end of memory	Fill remaining memory

Program Start Time Mar 05/1999 @ 21:47:29
Program End Time Mar 05/1999 @ 23:27:29
Total Samples Taken 601
Usage for this Test 0.0530 Ah
Generic Data File Name R69MR05A.GEN



Company Name	PARAMOUNT RESOURCES LTD.
Well Name	Paramount et al Liard
Well Location	F - 36
Date(s) of Test	March 05/99.

COMMENTS

Reported By

TIM BEWS

FINAL PRESSURE: TBG: N/A CSG: 13,960 KPA



Company Name PARAMOUNT RESOURCES LTD.
Well Name Paramount et al Liard
Well Location F - 36
Date(s) of Test March 05/99.

Pressure vs. Depth

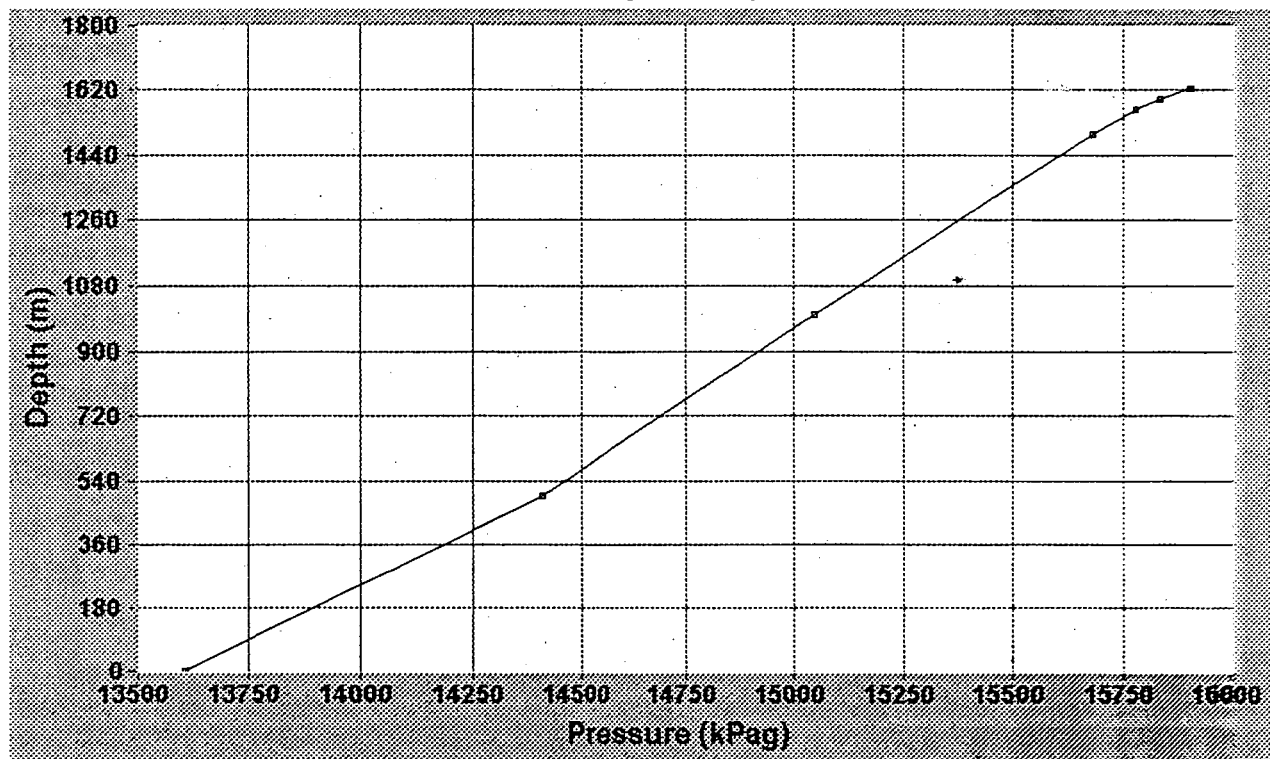
Probe Serial Number P54 (TOP)

Stop Time From	Stop Time To	Depth (m)	Pressure (kPag)	Gradient (kPag/m)
21:55	22:00	-1.190	13605.764	-
22:06	22:11	498.810	14407.292	1.6031
22:16	22:21	998.810	15048.753	1.2829
22:26	22:31	1498.810	15678.824	1.2601
22:32	22:37	1565.560	15780.791	1.5276
22:38	22:43	1595.560	15835.227	1.8145
22:44	22:54	1625.560	15903.617	2.2797

Extrapolated MPP Pressure:

1626.750 15906.330

P54 (TOP)





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Well Name Paramount et al Liard
Well Location F - 36
Date(s) of Test March 05/99.

Pressure vs. Depth

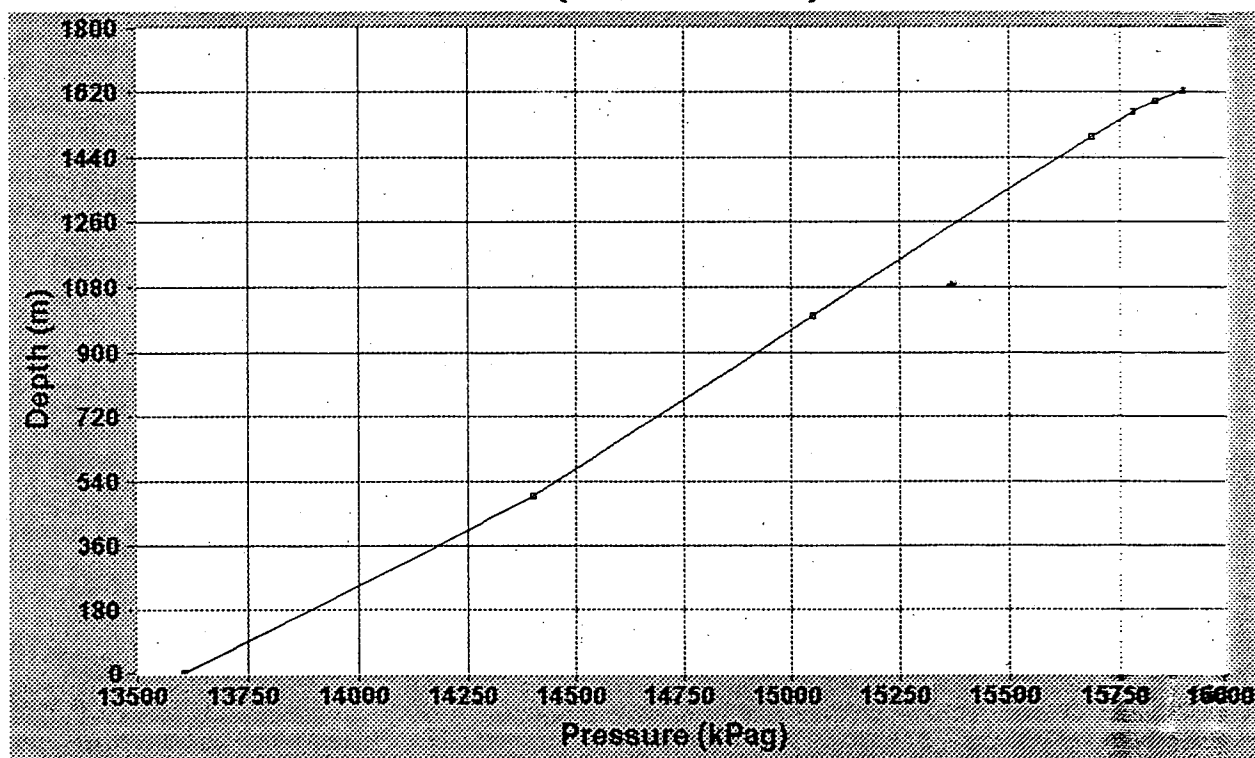
Probe Serial Number R69 (BOTTOM)

Stop Time From	Stop Time To	(m)	(kPag)	(kPag/m)
21:55	22:00	-0.110	13606.485	-
22:06	22:11	499.890	14401.063	1.5892
22:16	22:21	999.890	15050.134	1.2981
22:26	22:31	1499.890	15684.023	1.2678
22:32	22:37	1566.640	15781.749	1.4641
22:38	22:43	1596.640	15835.592	1.7948
22:44	22:54	1626.640	15901.195	2.1868

Extrapolated MPP Pressure:

1626.750 15901.436

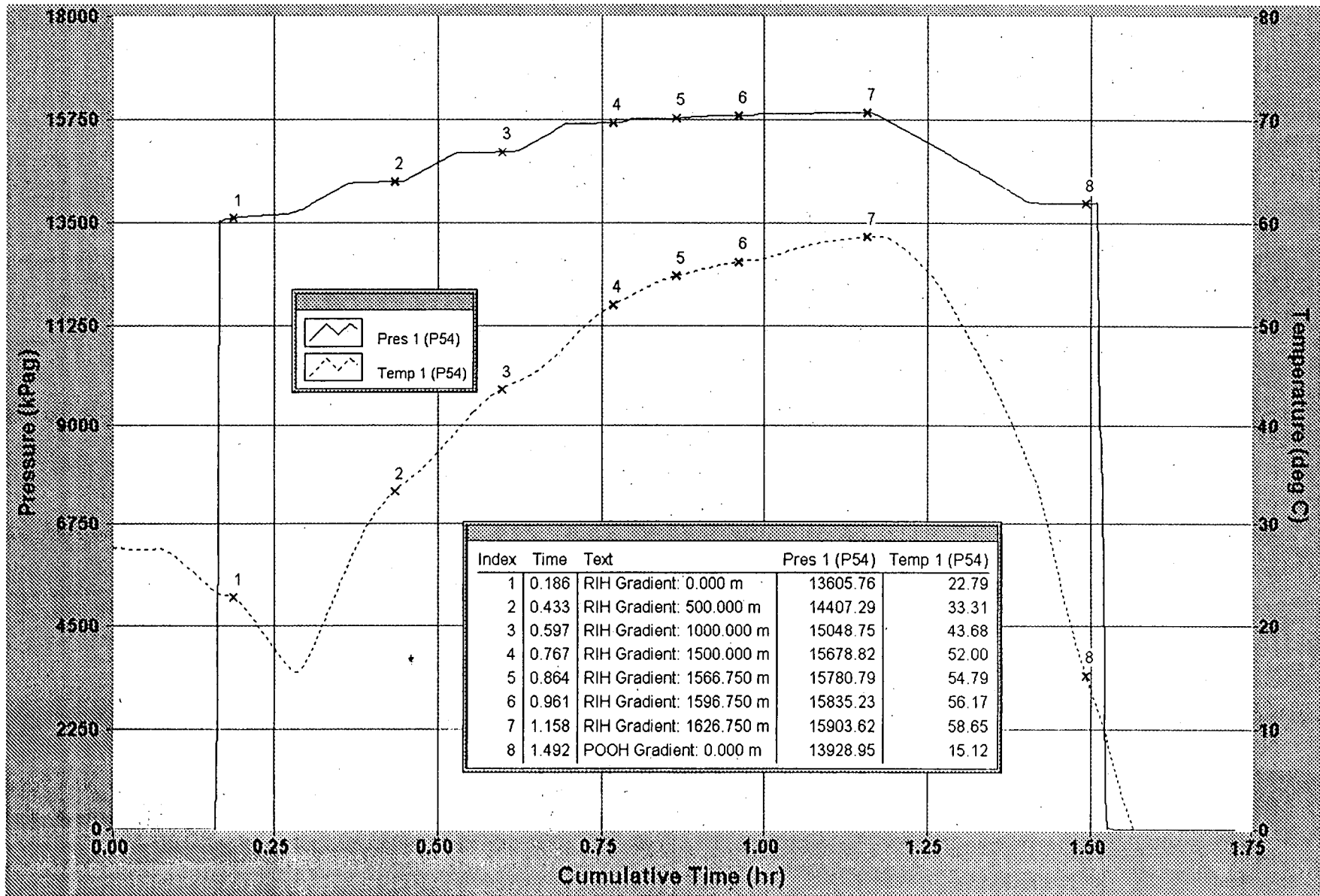
R69 (BOTTOM)





Company Name PARAMOUNT RESOURCES LTD.
 Well Name Paramount et al Liard
 Well Location F - 36
 Date(s) of Test March 05/99.

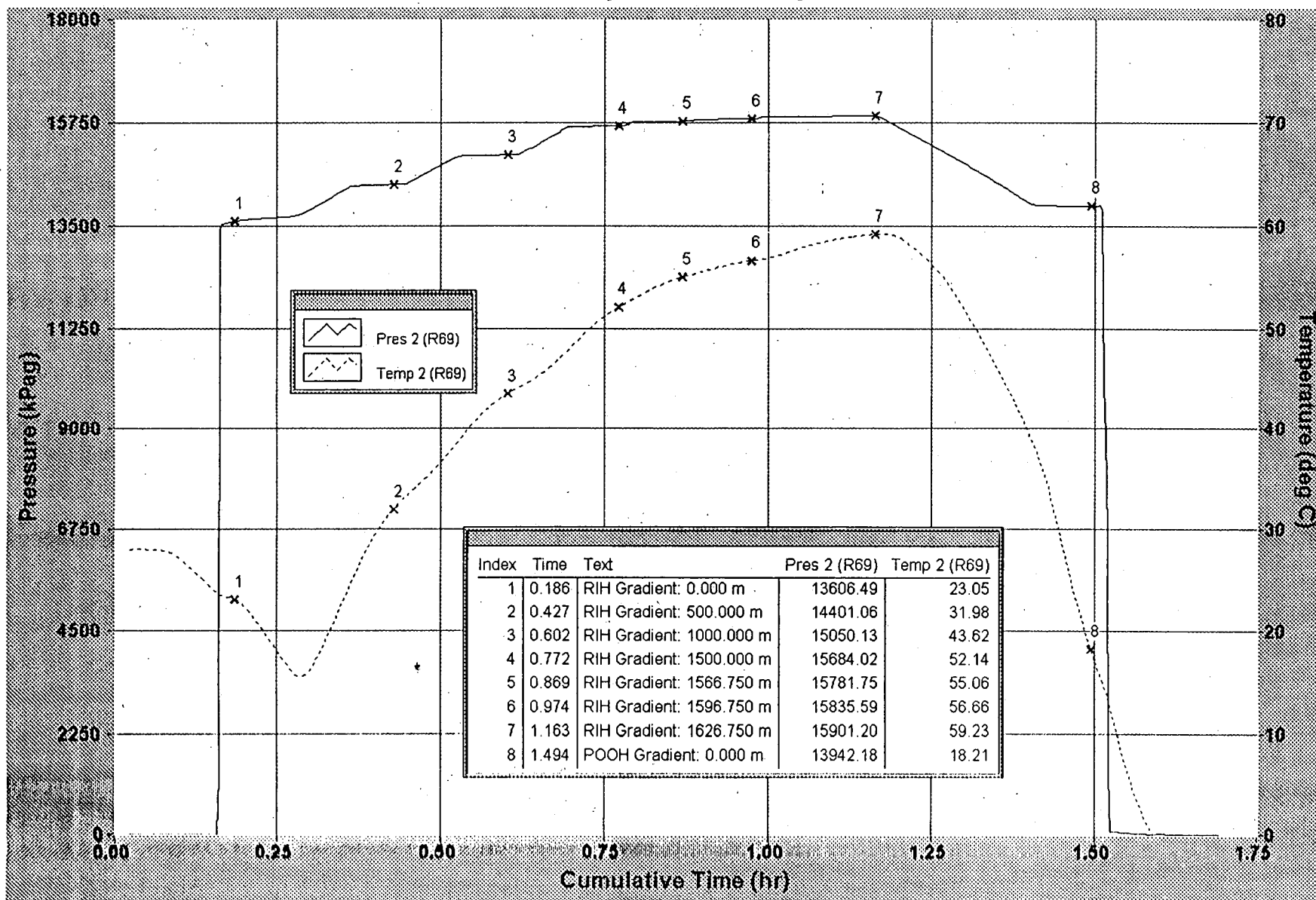
P54 (TOP)





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Well Name Paramount et al Liard
Well Location F - 36
Date(s) of Test March 05/99.

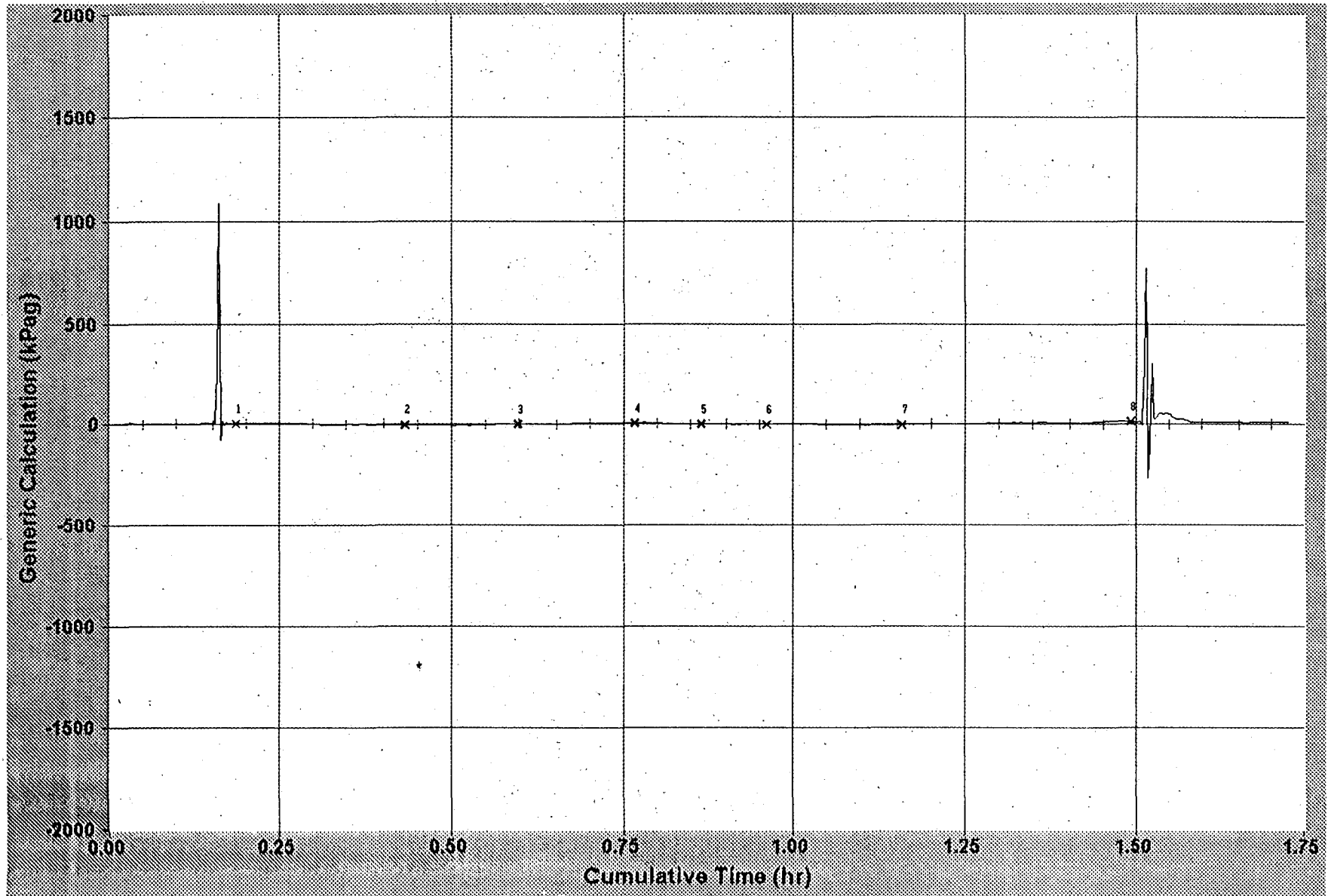
R69 (BOTTOM)





Company Name PARAMOUNT RESOURCES LTD.
Well Name Paramount et al Llard
Well Location F - 36
Date(s) of Test March 05/99.

P54 - R69 (DEVIATION)





Company Name PARAMOUNT RESOURCES LTD.
Well Name Paramount et al Liard
Well Location F - 36
Date(s) of Test March 05/99.

Date	Time	Cum. T. 1 (P54)	Pres 1 (P54)	Temp 1 (P54)
		hr	kPag	deg C
1999/03/05	21:46:01	0.0000	0.525	27.563
1999/03/05	21:46:21	0.0056	0.000	27.592
1999/03/05	21:46:41	0.0111	0.000	27.557
1999/03/05	21:47:11	0.0194	0.000	27.498
1999/03/05	21:47:31	0.0250	0.000	27.369
1999/03/05	21:47:51	0.0306	0.000	27.375
1999/03/05	21:48:01	0.0333	0.000	27.382
1999/03/05	21:48:21	0.0389	0.000	27.398
1999/03/05	21:48:51	0.0472	0.000	27.421
1999/03/05	21:49:11	0.0528	0.000	27.427
1999/03/05	21:49:31	0.0583	0.000	27.415
1999/03/05	21:49:51	0.0639	0.000	27.388
1999/03/05	21:50:11	0.0694	0.000	27.473
1999/03/05	21:50:21	0.0722	0.000	27.459
1999/03/05	21:50:41	0.0778	0.000	27.384
1999/03/05	21:51:11	0.0861	0.000	27.133
1999/03/05	21:51:31	0.0917	0.000	26.887
1999/03/05	21:51:51	0.0972	0.000	26.608
1999/03/05	21:52:01	0.1000	0.000	26.472
1999/03/05	21:52:21	0.1056	0.000	26.186
1999/03/05	21:52:51	0.1139	0.000	25.673
1999/03/05	21:53:21	0.1222	0.000	25.314
1999/03/05	21:53:31	0.1250	0.000	25.159
1999/03/05	21:53:51	0.1306	0.000	24.843
1999/03/05	21:54:21	0.1389	0.000	24.374
1999/03/05	21:54:41	0.1444	0.000	24.056
1999/03/05	21:55:01	0.1500	0.000	23.720
1999/03/05	21:55:11	0.1528	0.000	23.598
1999/03/05	21:55:31	0.1583	0.000	23.306
1999/03/05	21:56:01	0.1667	13526.510	22.992
1999/03/05	21:56:21	0.1722	13559.169	22.949
1999/03/05	21:56:41	0.1778	13582.287	22.949
1999/03/05	21:56:51	0.1806	13592.614	22.922
RIH Gradient 0.000 m				
1999/03/05	21:57:11	0.1861	13605.764	22.788
1999/03/05	21:57:41	0.1944	13620.793	22.391
1999/03/05	21:58:01	0.2000	13628.955	22.033
1999/03/05	21:58:21	0.2056	13635.877	21.616
1999/03/05	21:58:31	0.2083	13639.102	21.394
1999/03/05	21:58:51	0.2139	13645.102	20.929
1999/03/05	21:59:11	0.2194	13650.640	20.443
1999/03/05	21:59:41	0.2278	13658.600	19.707
1999/03/05	22:00:01	0.2333	13663.634	19.210
1999/03/05	22:00:21	0.2389	13668.562	18.723
1999/03/05	22:00:51	0.2472	13675.471	18.000
1999/03/05	22:01:11	0.2528	13680.101	17.531
1999/03/05	22:01:31	0.2583	13684.386	17.067
1999/03/05	22:01:41	0.2611	13686.572	16.841
1999/03/05	22:02:01	0.2667	13689.434	16.342
1999/03/05	22:02:31	0.2750	13708.943	15.720

Date	Time	Cum. T. 2 (R69)	Pres 2 (R69)	Temp 2 (R69)
		hr	kPag	deg C
1999/03/05	21:47:29	0.0244	3.500	27.894
1999/03/05	21:47:49	0.0300	2.714	27.940
1999/03/05	21:48:09	0.0356	2.304	27.949
1999/03/05	21:48:29	0.0411	1.855	27.940
1999/03/05	21:48:49	0.0467	1.699	27.940
1999/03/05	21:49:09	0.0522	1.477	27.909
1999/03/05	21:49:29	0.0578	1.410	27.886
1999/03/05	21:49:49	0.0633	1.235	27.902
1999/03/05	21:50:09	0.0689	1.227	27.862
1999/03/05	21:50:29	0.0744	0.566	27.335
1999/03/05	21:50:49	0.0800	0.466	27.721
1999/03/05	21:51:09	0.0856	0.332	27.624
1999/03/05	21:51:29	0.0911	0.397	27.462
1999/03/05	21:51:49	0.0967	0.650	27.243
1999/03/05	21:52:09	0.1022	0.866	26.977
1999/03/05	21:52:29	0.1078	1.127	26.669
1999/03/05	21:52:49	0.1133	1.378	26.357
1999/03/05	21:53:09	0.1189	1.635	26.048
1999/03/05	21:53:29	0.1244	1.900	25.719
1999/03/05	21:53:49	0.1300	2.255	25.374
1999/03/05	21:54:09	0.1356	2.593	25.055
1999/03/05	21:54:29	0.1411	2.922	24.693
1999/03/05	21:54:49	0.1467	3.116	24.387
1999/03/05	21:55:09	0.1522	3.300	24.058
1999/03/05	21:55:29	0.1578	3.392	23.738
1999/03/05	21:55:49	0.1633	13433.611	23.504
1999/03/05	21:56:09	0.1689	13552.144	23.337
1999/03/05	21:56:29	0.1744	13573.138	23.237
1999/03/05	21:56:49	0.1800	13592.135	23.184
RIH Gradient: 0.000 m				
1999/03/05	21:57:09	0.1856	13606.485	23.049
1999/03/05	21:57:29	0.1911	13618.351	22.851
1999/03/05	21:57:49	0.1967	13627.440	22.552
1999/03/05	21:58:09	0.2022	13636.781	22.237
1999/03/05	21:58:29	0.2078	13643.868	21.828
1999/03/05	21:58:49	0.2133	13650.376	21.379
1999/03/05	21:59:09	0.2189	13656.243	20.903
1999/03/05	21:59:29	0.2244	13661.548	20.409
1999/03/05	21:59:49	0.2300	13666.579	19.905
1999/03/05	22:00:09	0.2356	13671.511	19.394
1999/03/05	22:00:29	0.2411	13676.489	18.884
1999/03/05	22:00:49	0.2467	13681.134	18.371
1999/03/05	22:01:09	0.2522	13685.395	17.852
1999/03/05	22:01:29	0.2578	13689.468	17.347
1999/03/05	22:01:49	0.2633	13693.003	16.834
1999/03/05	22:02:09	0.2689	13700.168	16.371
1999/03/05	22:02:29	0.2744	13711.584	15.866
1999/03/05	22:02:49	0.2800	13731.131	15.565
1999/03/05	22:03:09	0.2856	13755.397	15.451
1999/03/05	22:03:29	0.2911	13789.396	15.579



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Date	Time	Cum. T. 1 (P54)	Pres 1 (P54)	Temp 1 (P54)
		hr	kPag	deg C
1999/03/05	22:02:51	0.2806	13728.742	15.467
1999/03/05	22:03:11	0.2861	13755.143	15.514
1999/03/05	22:03:21	0.2889	13771.286	15.643
1999/03/05	22:03:41	0.2944	13813.437	16.071
1999/03/05	22:04:11	0.3028	13878.391	17.015
1999/03/05	22:04:31	0.3083	13922.656	17.772
1999/03/05	22:04:51	0.3139	13967.420	18.573
1999/03/05	22:05:01	0.3167	13989.209	18.979
1999/03/05	22:05:21	0.3222	14032.237	19.834
1999/03/05	22:05:41	0.3278	14077.696	20.670
1999/03/05	22:06:01	0.3333	14123.008	21.495
1999/03/05	22:06:31	0.3417	14192.865	22.771
1999/03/05	22:06:51	0.3472	14237.604	23.635
1999/03/05	22:07:21	0.3556	14304.675	24.912
1999/03/05	22:07:41	0.3611	14350.164	25.740
1999/03/05	22:08:01	0.3667	14373.099	26.553
1999/03/05	22:08:11	0.3694	14375.141	26.953
1999/03/05	22:08:31	0.3750	14378.836	27.737
1999/03/05	22:09:01	0.3833	14383.893	28.822
1999/03/05	22:09:21	0.3889	14386.772	29.479
1999/03/05	22:09:41	0.3944	14389.850	30.092
1999/03/05	22:09:51	0.3972	14391.223	30.378
1999/03/05	22:10:11	0.4028	14394.049	30.924
1999/03/05	22:10:41	0.4111	14398.079	31.682
1999/03/05	22:11:01	0.4167	14400.329	32.132
1999/03/05	22:11:21	0.4222	14402.577	32.553
1999/03/05	22:11:31	0.4250	14403.811	32.753
1999/03/05	22:11:51	0.4306	14406.122	33.130
RIH Gradient: 500.000 m				
1999/03/05	22:12:01	0.4333	14407.292	33.308
1999/03/05	22:12:11	0.4361	14408.444	33.481
1999/03/05	22:12:31	0.4417	14410.606	33.803
1999/03/05	22:13:01	0.4500	14437.656	34.246
1999/03/05	22:13:21	0.4556	14480.294	34.529
1999/03/05	22:13:51	0.4639	14545.156	34.962
1999/03/05	22:14:11	0.4694	14587.414	35.268
1999/03/05	22:14:31	0.4750	14630.066	35.593
1999/03/05	22:14:41	0.4778	14651.894	35.760
1999/03/05	22:15:01	0.4833	14695.570	36.118
1999/03/05	22:15:31	0.4917	14759.046	36.702
1999/03/05	22:15:51	0.4972	14801.687	37.112
1999/03/05	22:16:11	0.5028	14845.132	37.529
1999/03/05	22:16:21	0.5056	14866.335	37.741
1999/03/05	22:16:41	0.5111	14908.075	38.159
1999/03/05	22:17:11	0.5194	14971.396	38.784
1999/03/05	22:17:31	0.5250	15013.692	39.199
1999/03/05	22:17:51	0.5306	15030.689	39.628
1999/03/05	22:18:01	0.5333	15031.959	39.847
1999/03/05	22:18:21	0.5389	15034.048	40.282
1999/03/05	22:18:41	0.5444	15035.992	40.704

Date	Time	Cum. T. 2 (R69)	Pres 2 (R69)	Temp 2 (R69)
		hr	kPag	deg C
1999/03/05	22:03:49	0.2967	13829.893	15.869
1999/03/05	22:04:09	0.3022	13872.946	16.374
1999/03/05	22:04:29	0.3078	13916.431	16.972
1999/03/05	22:04:49	0.3133	13959.575	17.617
1999/03/05	22:05:09	0.3189	14002.848	18.320
1999/03/05	22:05:29	0.3244	14047.022	19.100
1999/03/05	22:05:49	0.3300	14093.512	19.907
1999/03/05	22:06:09	0.3356	14138.829	20.662
1999/03/05	22:06:29	0.3411	14185.033	21.475
1999/03/05	22:06:49	0.3467	14230.728	22.324
1999/03/05	22:07:09	0.3522	14275.188	23.144
1999/03/05	22:07:29	0.3578	14319.703	23.929
1999/03/05	22:07:49	0.3633	14364.669	24.775
1999/03/05	22:08:09	0.3689	14372.501	25.596
1999/03/05	22:08:29	0.3744	14376.113	26.378
1999/03/05	22:08:49	0.3800	14379.404	27.129
1999/03/05	22:09:09	0.3856	14382.370	27.846
1999/03/05	22:09:29	0.3911	14385.025	28.513
1999/03/05	22:09:49	0.3967	14387.724	29.144
1999/03/05	22:10:09	0.4022	14390.521	29.738
1999/03/05	22:10:29	0.4078	14393.197	30.298
1999/03/05	22:10:49	0.4133	14395.468	30.819
1999/03/05	22:11:09	0.4189	14397.729	31.303
1999/03/05	22:11:29	0.4244	14399.912	31.760
RIH Gradient: 500.000 m				
1999/03/05	22:11:39	0.4272	14401.063	31.980
1999/03/05	22:11:49	0.4300	14402.171	32.191
1999/03/05	22:12:09	0.4356	14404.277	32.592
1999/03/05	22:12:29	0.4411	14406.588	32.971
1999/03/05	22:12:49	0.4467	14409.574	33.310
1999/03/05	22:13:09	0.4522	14449.022	33.614
1999/03/05	22:13:29	0.4578	14493.133	33.966
1999/03/05	22:13:49	0.4633	14535.627	34.274
1999/03/05	22:14:09	0.4689	14577.339	34.588
1999/03/05	22:14:29	0.4744	14620.534	34.953
1999/03/05	22:14:49	0.4800	14663.468	35.289
1999/03/05	22:15:09	0.4856	14707.045	35.688
1999/03/05	22:15:29	0.4911	14748.768	36.077
1999/03/05	22:15:49	0.4967	14790.803	36.474
1999/03/05	22:16:09	0.5022	14833.587	36.871
1999/03/05	22:16:29	0.5078	14876.223	37.311
1999/03/05	22:16:49	0.5133	14917.791	37.732
1999/03/05	22:17:09	0.5189	14961.396	38.192
1999/03/05	22:17:29	0.5244	15002.826	38.577
1999/03/05	22:17:49	0.5300	15023.660	38.999
1999/03/05	22:18:09	0.5356	15027.198	39.465
1999/03/05	22:18:29	0.5411	15030.545	39.933
1999/03/05	22:18:49	0.5467	15032.619	40.359
1999/03/05	22:19:09	0.5522	15034.734	40.769
1999/03/05	22:19:29	0.5578	15036.630	41.160



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Well Name Paramount et al Liard
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Date(s) of Test March 05/99.

Date	Time	Cum. T. 1 (P54)	Pres 1 (P54)	Temp 1 (P54)
		hr	kPag	deg C
1999/03/05	22:19:01	0.5500	15037.655	41.107
1999/03/05	22:19:31	0.5583	15039.855	41.670
1999/03/05	22:19:51	0.5639	15041.173	42.017
1999/03/05	22:20:11	0.5694	15042.561	42.344
1999/03/05	22:20:41	0.5778	15044.387	42.795
1999/03/05	22:21:01	0.5833	15045.698	43.072
1999/03/05	22:21:11	0.5861	15046.336	43.203
1999/03/05	22:21:31	0.5917	15047.769	43.458
RIH Gradient: 1000.000 m				
1999/03/05	22:21:51	0.5972	15048.753	43.683
1999/03/05	22:22:01	0.6000	15049.480	43.794
1999/03/05	22:22:21	0.6056	15050.732	44.004
1999/03/05	22:22:41	0.6111	15051.980	44.198
1999/03/05	22:22:51	0.6139	15052.677	44.290
1999/03/05	22:23:11	0.6194	15070.752	44.465
1999/03/05	22:23:41	0.6278	15125.875	44.718
1999/03/05	22:24:01	0.6333	15164.145	44.897
1999/03/05	22:24:21	0.6389	15201.438	45.095
1999/03/05	22:24:31	0.6417	15221.460	45.204
1999/03/05	22:24:51	0.6472	15263.610	45.437
1999/03/05	22:25:11	0.6528	15311.919	45.692
1999/03/05	22:25:31	0.6583	15358.999	45.969
1999/03/05	22:26:01	0.6667	15429.023	46.432
1999/03/05	22:26:21	0.6722	15476.987	46.747
1999/03/05	22:26:41	0.6778	15523.049	47.045
1999/03/05	22:27:01	0.6833	15567.986	47.342
1999/03/05	22:27:31	0.6917	15639.130	47.864
1999/03/05	22:27:41	0.6944	15655.090	48.049
1999/03/05	22:28:01	0.7000	15661.161	48.476
1999/03/05	22:28:31	0.7083	15664.610	49.040
1999/03/05	22:28:51	0.7139	15666.506	49.405
1999/03/05	22:29:11	0.7194	15668.255	49.752
1999/03/05	22:29:21	0.7222	15668.967	49.920
1999/03/05	22:29:41	0.7278	15670.284	50.234
1999/03/05	22:30:11	0.7361	15672.446	50.683
1999/03/05	22:30:31	0.7417	15673.710	50.960
1999/03/05	22:30:51	0.7472	15675.092	51.222
1999/03/05	22:31:01	0.7500	15675.585	51.346
1999/03/05	22:31:21	0.7556	15676.489	51.576
1999/03/05	22:31:41	0.7611	15677.850	51.799
RIH Gradient: 1500.000 m				
1999/03/05	22:32:01	0.7667	15678.824	52.004
1999/03/05	22:32:31	0.7750	15680.981	52.298
1999/03/05	22:32:51	0.7806	15680.359	52.415
1999/03/05	22:33:11	0.7861	15714.072	52.571
1999/03/05	22:33:21	0.7889	15732.664	52.661
1999/03/05	22:33:51	0.7972	15763.376	52.992
1999/03/05	22:34:11	0.8028	15765.768	53.183
1999/03/05	22:34:31	0.8083	15767.440	53.364
1999/03/05	22:35:01	0.8167	15769.803	53.630

Date	Time	Cum. T. 2 (R69)	Pres 2 (R69)	Temp 2 (R69)
		hr	kPag	deg C
1999/03/05	22:19:49	0.5633	15038.512	41.534
1999/03/05	22:20:09	0.5689	15040.274	41.888
1999/03/05	22:20:29	0.5744	15042.065	42.220
1999/03/05	22:20:49	0.5800	15043.707	42.534
1999/03/05	22:21:09	0.5856	15045.348	42.830
1999/03/05	22:21:29	0.5911	15046.905	43.109
1999/03/05	22:21:49	0.5967	15048.602	43.372
RIH Gradient: 1000.000 m				
1999/03/05	22:22:09	0.6022	15050.134	43.618
1999/03/05	22:22:29	0.6078	15051.761	43.850
1999/03/05	22:22:49	0.6133	15053.372	44.071
1999/03/05	22:23:09	0.6189	15066.475	44.231
1999/03/05	22:23:29	0.6244	15102.762	44.422
1999/03/05	22:23:49	0.6300	15141.513	44.640
1999/03/05	22:24:09	0.6356	15179.727	44.849
1999/03/05	22:24:29	0.6411	15216.831	45.033
1999/03/05	22:24:49	0.6467	15258.833	45.263
1999/03/05	22:25:09	0.6522	15307.621	45.541
1999/03/05	22:25:29	0.6578	15355.178	45.816
1999/03/05	22:25:49	0.6633	15401.372	46.094
1999/03/05	22:26:09	0.6689	15448.229	46.387
1999/03/05	22:26:29	0.6744	15497.072	46.714
1999/03/05	22:26:49	0.6800	15544.243	47.044
1999/03/05	22:27:09	0.6856	15590.867	47.367
1999/03/05	22:27:29	0.6911	15638.943	47.697
1999/03/05	22:27:49	0.6967	15662.203	48.065
1999/03/05	22:28:09	0.7022	15665.162	48.435
1999/03/05	22:28:29	0.7078	15666.822	48.790
1999/03/05	22:28:49	0.7133	15669.016	49.159
1999/03/05	22:29:09	0.7189	15670.732	49.508
1999/03/05	22:29:29	0.7244	15672.161	49.841
1999/03/05	22:29:49	0.7300	15674.068	50.175
1999/03/05	22:30:09	0.7356	15675.541	50.482
1999/03/05	22:30:29	0.7411	15677.194	50.782
1999/03/05	22:30:49	0.7467	15678.393	51.057
1999/03/05	22:31:09	0.7522	15679.716	51.322
1999/03/05	22:31:29	0.7578	15680.916	51.571
1999/03/05	22:31:49	0.7633	15681.995	51.803
1999/03/05	22:32:09	0.7689	15683.330	52.030
RIH Gradient: 1500.000 m				
1999/03/05	22:32:19	0.7717	15684.023	52.138
1999/03/05	22:32:29	0.7744	15684.565	52.241
1999/03/05	22:32:49	0.7800	15685.702	52.435
1999/03/05	22:33:09	0.7856	15714.863	52.584
1999/03/05	22:33:29	0.7911	15751.607	52.768
1999/03/05	22:33:49	0.7967	15766.293	52.994
1999/03/05	22:34:09	0.8022	15768.301	53.186
1999/03/05	22:34:29	0.8078	15769.645	53.373
1999/03/05	22:34:49	0.8133	15771.034	53.562
1999/03/05	22:35:09	0.8189	15772.396	53.744



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Date	Time	Cum. T. 1 (P54)	Pres 1 (P54)	Temp 1 (P54)
		hr	kPag	deg C
1999/03/05	22:35:21	0.8222	15771.273	53.796
1999/03/05	22:35:41	0.8278	15772.720	53.957
1999/03/05	22:35:51	0.8306	15773.294	54.033
1999/03/05	22:36:11	0.8361	15774.618	54.178
1999/03/05	22:36:41	0.8444	15776.553	54.383
1999/03/05	22:37:01	0.8500	15777.807	54.507
1999/03/05	22:37:21	0.8556	15779.015	54.626
1999/03/05	22:37:31	0.8583	15779.643	54.681
RIH Gradient: 1566.750 m				
1999/03/05	22:37:51	0.8639	15780.791	54.788
1999/03/05	22:38:11	0.8694	15781.940	54.887
1999/03/05	22:38:31	0.8750	15783.157	54.983
1999/03/05	22:39:01	0.8833	15791.216	55.069
1999/03/05	22:39:21	0.8889	15814.195	55.146
1999/03/05	22:39:41	0.8944	15820.556	55.250
1999/03/05	22:39:51	0.8972	15821.451	55.295
1999/03/05	22:40:11	0.9028	15823.626	55.405
1999/03/05	22:40:41	0.9111	15825.516	55.537
1999/03/05	22:41:01	0.9167	15826.692	55.621
1999/03/05	22:41:31	0.9250	15828.351	55.742
1999/03/05	22:41:51	0.9306	15829.480	55.819
1999/03/05	22:42:11	0.9361	15830.567	55.893
1999/03/05	22:42:21	0.9389	15831.229	55.928
1999/03/05	22:42:41	0.9444	15832.210	55.995
1999/03/05	22:43:11	0.9528	15833.824	56.089
1999/03/05	22:43:31	0.9583	15835.006	56.152
RIH Gradient: 1596.750 m				
1999/03/05	22:43:41	0.9611	15835.227	56.173
1999/03/05	22:43:51	0.9639	15835.863	56.202
1999/03/05	22:44:01	0.9667	15836.378	56.229
1999/03/05	22:44:21	0.9722	15837.403	56.277
1999/03/05	22:44:41	0.9778	15838.443	56.324
1999/03/05	22:45:01	0.9833	15845.978	56.321
1999/03/05	22:45:31	0.9917	15871.884	56.363
1999/03/05	22:45:51	0.9972	15875.557	56.472
1999/03/05	22:46:11	1.0028	15876.464	56.541
1999/03/05	22:46:21	1.0056	15877.296	56.593
1999/03/05	22:46:41	1.0111	15879.154	56.715
1999/03/05	22:47:11	1.0194	15880.024	56.859
1999/03/05	22:47:31	1.0250	15880.667	56.962
1999/03/05	22:48:01	1.0333	15882.681	57.148
1999/03/05	22:48:21	1.0389	15883.891	57.269
1999/03/05	22:48:41	1.0444	15885.224	57.386
1999/03/05	22:48:51	1.0472	15885.730	57.440
1999/03/05	22:49:11	1.0528	15886.824	57.545
1999/03/05	22:49:41	1.0611	15888.183	57.687
1999/03/05	22:50:01	1.0667	15889.159	57.775
1999/03/05	22:50:21	1.0722	15890.108	57.861
1999/03/05	22:50:31	1.0750	15890.565	57.901
1999/03/05	22:50:51	1.0806	15891.527	57.978

Date	Time	Cum. T. 2 (R69)	Pres 2 (R69)	Temp 2 (R69)
		hr	kPag	deg C
1999/03/05	22:35:29	0.8244	15773.611	53.923
1999/03/05	22:35:49	0.8300	15774.758	54.093
1999/03/05	22:36:09	0.8356	15775.918	54.255
1999/03/05	22:36:29	0.8411	15776.925	54.407
1999/03/05	22:36:49	0.8467	15777.904	54.553
1999/03/05	22:37:09	0.8522	15778.958	54.690
1999/03/05	22:37:29	0.8578	15779.965	54.822
1999/03/05	22:37:49	0.8633	15780.840	54.944
RIH Gradient: 1566.750 m				
1999/03/05	22:38:09	0.8689	15781.749	55.062
1999/03/05	22:38:29	0.8744	15782.878	55.172
1999/03/05	22:38:49	0.8800	15783.713	55.275
1999/03/05	22:39:09	0.8856	15798.917	55.326
1999/03/05	22:39:29	0.8911	15818.852	55.430
1999/03/05	22:39:49	0.8967	15820.379	55.539
1999/03/05	22:40:09	0.9022	15821.436	55.632
1999/03/05	22:40:29	0.9078	15822.350	55.722
1999/03/05	22:40:49	0.9133	15823.326	55.815
1999/03/05	22:41:09	0.9189	15824.552	55.908
1999/03/05	22:41:29	0.9244	15826.057	56.011
1999/03/05	22:41:49	0.9300	15826.999	56.093
1999/03/05	22:42:09	0.9356	15828.090	56.176
1999/03/05	22:42:29	0.9411	15829.516	56.264
1999/03/05	22:42:49	0.9467	15830.556	56.338
1999/03/05	22:43:09	0.9522	15831.572	56.411
1999/03/05	22:43:29	0.9578	15832.544	56.479
1999/03/05	22:43:49	0.9633	15833.461	56.538
1999/03/05	22:44:09	0.9689	15834.633	56.601
RIH Gradient: 1596.750 m				
1999/03/05	22:44:29	0.9744	15835.592	56.658
1999/03/05	22:44:49	0.9800	15836.673	56.713
1999/03/05	22:45:09	0.9856	15852.374	56.755
1999/03/05	22:45:29	0.9911	15869.688	56.793
1999/03/05	22:45:49	0.9967	15873.673	56.865
1999/03/05	22:46:09	1.0022	15874.917	56.947
1999/03/05	22:46:29	1.0078	15876.072	57.040
1999/03/05	22:46:49	1.0133	15877.157	57.143
1999/03/05	22:47:09	1.0189	15877.999	57.252
1999/03/05	22:47:29	1.0244	15879.222	57.374
1999/03/05	22:47:49	1.0300	15879.711	57.481
1999/03/05	22:48:09	1.0356	15880.348	57.588
1999/03/05	22:48:29	1.0411	15881.148	57.702
1999/03/05	22:48:49	1.0467	15882.604	57.828
1999/03/05	22:49:09	1.0522	15883.365	57.933
1999/03/05	22:49:29	1.0578	15884.076	58.030
1999/03/05	22:49:49	1.0633	15885.188	58.133
1999/03/05	22:50:09	1.0689	15885.875	58.223
1999/03/05	22:50:29	1.0744	15886.958	58.318
1999/03/05	22:50:49	1.0800	15887.596	58.398
1999/03/05	22:51:09	1.0856	15888.757	58.484



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Date	Time	Cum. T. 1 (P54)	Pres 1 (P54)	Temp 1 (P54)
		hr	kPag	deg C
1999/03/05	22:51:11	1.0861	15892.336	58.047
1999/03/05	22:51:31	1.0917	15893.185	58.112
1999/03/05	22:52:01	1.1000	15894.495	58.206
1999/03/05	22:52:21	1.1056	15895.438	58.264
1999/03/05	22:52:41	1.1111	15896.229	58.315
1999/03/05	22:52:51	1.1139	15896.749	58.340
1999/03/05	22:53:11	1.1194	15897.638	58.390
1999/03/05	22:53:41	1.1278	15898.900	58.457
1999/03/05	22:54:01	1.1333	15899.786	58.499
1999/03/05	22:54:21	1.1389	15900.733	58.541
1999/03/05	22:54:51	1.1472	15901.786	58.587
1999/03/05	22:55:11	1.1528	15902.705	58.622
1999/03/05	22:55:21	1.1556	15903.191	58.639
RIH Gradient: 1626.750 m				
1999/03/05	22:55:31	1.1583	15903.617	58.653
1999/03/05	22:55:41	1.1611	15904.085	58.668
1999/03/05	22:56:11	1.1694	15868.372	58.674
1999/03/05	22:56:31	1.1750	15830.261	58.695
1999/03/05	22:56:51	1.1806	15789.000	58.620
1999/03/05	22:57:01	1.1833	15767.934	58.578
1999/03/05	22:57:21	1.1889	15726.111	58.517
1999/03/05	22:57:41	1.1944	15683.680	58.348
1999/03/05	22:58:01	1.2000	15641.316	58.130
1999/03/05	22:58:31	1.2083	15577.116	57.762
1999/03/05	22:58:51	1.2139	15534.834	57.469
1999/03/05	22:59:11	1.2194	15492.909	57.160
1999/03/05	22:59:21	1.2222	15471.488	57.000
1999/03/05	22:59:41	1.2278	15428.106	56.680
1999/03/05	23:00:11	1.2361	15364.685	56.185
1999/03/05	23:00:31	1.2417	15319.928	55.796
1999/03/05	23:00:51	1.2472	15276.081	55.417
1999/03/05	23:01:11	1.2528	15233.729	55.024
1999/03/05	23:01:41	1.2611	15166.870	54.380
1999/03/05	23:01:51	1.2639	15143.201	54.132
1999/03/05	23:02:11	1.2694	15098.422	53.640
1999/03/05	23:02:41	1.2778	15031.311	52.817
1999/03/05	23:03:01	1.2833	14984.072	52.213
1999/03/05	23:03:21	1.2889	14938.077	51.597
1999/03/05	23:03:31	1.2917	14915.778	51.288
1999/03/05	23:03:51	1.2972	14870.491	50.653
1999/03/05	23:04:11	1.3028	14824.248	50.056
1999/03/05	23:04:31	1.3083	14778.789	49.446
1999/03/05	23:05:01	1.3167	14709.333	48.496
1999/03/05	23:05:21	1.3222	14661.637	47.776
1999/03/05	23:05:41	1.3278	14615.683	47.113
1999/03/05	23:05:51	1.3306	14591.006	46.751
1999/03/05	23:06:11	1.3361	14544.914	46.111
1999/03/05	23:06:41	1.3444	14474.218	45.018
1999/03/05	23:07:01	1.3500	14423.784	44.236
1999/03/05	23:07:21	1.3556	14375.084	43.460

Date	Time	Cum. T. 2 (R69)	Pres 2 (R69)	Temp 2 (R69)
		hr	kPag	deg C
1999/03/05	22:51:29	1.0911	15889.580	58.557
1999/03/05	22:51:49	1.0967	15890.506	58.631
1999/03/05	22:52:09	1.1022	15891.575	58.702
1999/03/05	22:52:29	1.1078	15892.518	58.768
1999/03/05	22:52:49	1.1133	15893.349	58.828
1999/03/05	22:53:09	1.1189	15894.306	58.887
1999/03/05	22:53:29	1.1244	15895.263	58.940
1999/03/05	22:53:49	1.1300	15896.148	58.990
1999/03/05	22:54:09	1.1356	15896.972	59.035
1999/03/05	22:54:29	1.1411	15897.692	59.077
1999/03/05	22:54:49	1.1467	15898.533	59.119
1999/03/05	22:55:09	1.1522	15899.374	59.158
1999/03/05	22:55:29	1.1578	15900.356	59.196
RIH Gradient: 1626.750 m				
1999/03/05	22:55:49	1.1633	15901.195	59.230
1999/03/05	22:56:09	1.1689	15869.354	59.234
1999/03/05	22:56:29	1.1744	15830.604	59.244
1999/03/05	22:56:49	1.1800	15790.802	59.227
1999/03/05	22:57:09	1.1856	15749.514	59.191
1999/03/05	22:57:29	1.1911	15706.778	59.098
1999/03/05	22:57:49	1.1967	15665.531	58.969
1999/03/05	22:58:09	1.2022	15624.196	58.807
1999/03/05	22:58:29	1.2078	15580.938	58.594
1999/03/05	22:58:49	1.2133	15539.136	58.356
1999/03/05	22:59:09	1.2189	15497.179	58.086
1999/03/05	22:59:29	1.2244	15454.193	57.798
1999/03/05	22:59:49	1.2300	15411.378	57.522
1999/03/05	23:00:09	1.2356	15369.046	57.214
1999/03/05	23:00:29	1.2411	15325.529	56.892
1999/03/05	23:00:49	1.2467	15281.367	56.554
1999/03/05	23:01:09	1.2522	15238.270	56.181
1999/03/05	23:01:29	1.2578	15195.041	55.809
1999/03/05	23:01:49	1.2633	15149.135	55.400
1999/03/05	23:02:09	1.2689	15104.941	54.975
1999/03/05	23:02:29	1.2744	15060.413	54.481
1999/03/05	23:02:49	1.2800	15015.435	53.964
1999/03/05	23:03:09	1.2856	14969.312	53.436
1999/03/05	23:03:29	1.2911	14924.203	52.854
1999/03/05	23:03:49	1.2967	14879.622	52.266
1999/03/05	23:04:09	1.3022	14833.257	51.681
1999/03/05	23:04:29	1.3078	14787.752	51.090
1999/03/05	23:04:49	1.3133	14742.834	50.513
1999/03/05	23:05:09	1.3189	14696.323	49.907
1999/03/05	23:05:29	1.3244	14650.058	49.264
1999/03/05	23:05:49	1.3300	14603.656	48.652
1999/03/05	23:06:09	1.3356	14555.034	47.981
1999/03/05	23:06:29	1.3411	14509.473	47.341
1999/03/05	23:06:49	1.3467	14461.025	46.638
1999/03/05	23:07:09	1.3522	14410.874	45.905
1999/03/05	23:07:29	1.3578	14364.922	45.236



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Date	Time	Cum. T. 1 (P54)	Pres 1 (P54)	Temp 1 (P54)
		hr	kPag	deg C
1999/03/05	23:07:31	1.3583	14351.861	43.085
1999/03/05	23:08:01	1.3667	14278.889	41.937
1999/03/05	23:08:21	1.3722	14229.748	41.177
1999/03/05	23:08:41	1.3778	14181.039	40.352
1999/03/05	23:09:11	1.3861	14105.386	39.077
1999/03/05	23:09:31	1.3917	14055.563	38.208
1999/03/05	23:09:51	1.3972	14006.269	37.321
1999/03/05	23:10:01	1.4000	13986.697	36.873
1999/03/05	23:10:21	1.4056	13961.473	35.978
1999/03/05	23:10:41	1.4111	13950.099	35.130
1999/03/05	23:11:01	1.4167	13944.306	34.178
1999/03/05	23:11:31	1.4250	13940.138	32.167
1999/03/05	23:11:51	1.4306	13939.074	30.665
1999/03/05	23:12:11	1.4361	13936.257	29.042
1999/03/05	23:12:21	1.4389	13935.655	28.242
1999/03/05	23:12:41	1.4444	13933.389	26.603
1999/03/05	23:13:11	1.4528	13931.722	24.275
1999/03/05	23:13:31	1.4583	13930.317	22.753
1999/03/05	23:13:51	1.4639	13929.278	21.320
1999/03/05	23:14:01	1.4667	13928.582	20.617
1999/03/05	23:14:21	1.4722	13928.399	19.278
1999/03/05	23:14:51	1.4806	13929.837	17.454
1999/03/05	23:15:11	1.4861	13929.150	16.254
POOH Gradient: 0.000 m				
1999/03/05	23:15:31	1.4917	13928.947	15.124
1999/03/05	23:15:41	1.4944	13929.689	14.606
1999/03/05	23:16:01	1.5000	13930.660	13.601
1999/03/05	23:16:21	1.5056	13930.466	12.611
1999/03/05	23:16:31	1.5083	13948.229	12.147
1999/03/05	23:16:51	1.5139	8988.314	11.252
1999/03/05	23:17:11	1.5194	5729.137	10.289
1999/03/05	23:17:31	1.5250	22.487	9.091
1999/03/05	23:18:01	1.5333	14.905	6.990
1999/03/05	23:18:21	1.5389	0.000	5.596
1999/03/05	23:18:41	1.5444	0.000	4.284
1999/03/05	23:18:51	1.5472	0.000	3.660
1999/03/05	23:19:11	1.5528	0.000	2.541
1999/03/05	23:19:41	1.5611	0.000	1.057
1999/03/05	23:20:01	1.5667	0.000	0.212
1999/03/05	23:20:21	1.5722	0.000	-0.638
1999/03/05	23:20:31	1.5750	0.000	-0.965
1999/03/05	23:20:51	1.5806	0.000	-1.609
1999/03/05	23:21:21	1.5889	0.000	-2.361
1999/03/05	23:21:41	1.5944	0.000	-2.910
1999/03/05	23:22:11	1.6028	0.000	-3.723
1999/03/05	23:22:31	1.6083	0.000	-4.164
1999/03/05	23:22:51	1.6139	0.000	-4.427
1999/03/05	23:23:01	1.6167	0.000	-4.582
1999/03/05	23:23:21	1.6222	0.000	-4.874
1999/03/05	23:23:41	1.6278	0.000	-5.160

Date	Time	Cum. T. 2 (R69)	Pres 2 (R69)	Temp 2 (R69)
		hr	kPag	deg C
1999/03/05	23:07:49	1.3633	14315.877	44.485
1999/03/05	23:08:09	1.3689	14265.924	43.761
1999/03/05	23:08:29	1.3744	14217.027	43.027
1999/03/05	23:08:49	1.3800	14167.177	42.224
1999/03/05	23:09:09	1.3856	14115.739	41.415
1999/03/05	23:09:29	1.3911	14064.970	40.594
1999/03/05	23:09:49	1.3967	14015.676	39.762
1999/03/05	23:10:09	1.4022	13977.724	38.928
1999/03/05	23:10:29	1.4078	13958.844	38.050
1999/03/05	23:10:49	1.4133	13949.185	37.169
1999/03/05	23:11:09	1.4189	13944.780	36.172
1999/03/05	23:11:29	1.4244	13945.144	35.021
1999/03/05	23:11:49	1.4300	13944.906	33.718
1999/03/05	23:12:09	1.4356	13944.373	32.308
1999/03/05	23:12:29	1.4411	13943.068	30.819
1999/03/05	23:12:49	1.4467	13942.470	29.335
1999/03/05	23:13:09	1.4522	13942.146	27.860
1999/03/05	23:13:29	1.4578	13941.991	26.415
1999/03/05	23:13:49	1.4633	13942.540	25.031
1999/03/05	23:14:09	1.4689	13943.199	23.691
1999/03/05	23:14:29	1.4744	13942.344	22.369
1999/03/05	23:14:49	1.4800	13942.039	21.099
1999/03/05	23:15:09	1.4856	13941.893	19.904
1999/03/05	23:15:29	1.4911	13941.829	18.761
POOH Gradient: 0.000 m				
1999/03/05	23:15:39	1.4939	13942.179	18.213
1999/03/05	23:15:49	1.4967	13942.289	17.680
1999/03/05	23:16:09	1.5022	13941.421	16.616
1999/03/05	23:16:29	1.5078	13959.569	15.627
1999/03/05	23:16:49	1.5133	10000.434	14.649
1999/03/05	23:17:09	1.5189	6685.017	13.624
1999/03/05	23:17:29	1.5244	56.906	12.263
1999/03/05	23:17:49	1.5300	62.854	10.989
1999/03/05	23:18:09	1.5356	56.421	9.614
1999/03/05	23:18:29	1.5411	49.534	8.273
1999/03/05	23:18:49	1.5467	50.564	6.993
1999/03/05	23:19:09	1.5522	35.264	5.765
1999/03/05	23:19:29	1.5578	25.733	4.663
1999/03/05	23:19:49	1.5633	23.896	3.644
1999/03/05	23:20:09	1.5689	24.055	2.726
1999/03/05	23:20:29	1.5744	18.104	1.883
1999/03/05	23:20:49	1.5800	9.830	1.123
1999/03/05	23:21:09	1.5856	9.711	0.431
1999/03/05	23:21:29	1.5911	10.326	-0.205
1999/03/05	23:21:49	1.5967	11.103	-0.749
1999/03/05	23:22:09	1.6022	11.754	-1.218
1999/03/05	23:22:29	1.6078	7.703	-1.599
1999/03/05	23:22:49	1.6133	7.693	-1.935
1999/03/05	23:23:09	1.6189	8.231	-2.238
1999/03/05	23:23:29	1.6244	8.613	-2.467



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Date	Time	Cum. T. 1 (P54)	Pres 1 (P54)	Temp 1 (P54)
		hr	kPag	deg C
1999/03/05	23:24:01	1.6333	0.000	-5.423
1999/03/05	23:24:31	1.6417	0.000	-5.798
1999/03/05	23:24:51	1.6472	0.000	-6.024
1999/03/05	23:25:11	1.6528	0.000	-6.197
1999/03/05	23:25:21	1.6556	0.000	-6.272
1999/03/05	23:25:41	1.6611	0.000	-6.514
1999/03/05	23:26:11	1.6694	0.000	-6.534
1999/03/05	23:26:31	1.6750	0.000	-6.490
1999/03/05	23:26:51	1.6806	0.000	-6.442
1999/03/05	23:27:01	1.6833	0.000	-6.407
1999/03/05	23:27:21	1.6889	0.000	-6.314
1999/03/05	23:27:51	1.6972	0.000	-6.185
1999/03/05	23:28:11	1.7028	0.000	-6.083
1999/03/05	23:28:31	1.7083	0.000	-5.972
1999/03/05	23:29:01	1.7167	0.000	-5.798
1999/03/05	23:29:21	1.7222	0.000	-5.820

Date	Time	Cum. T. 2 (R69)	Pres 2 (R69)	Temp 2 (R69)
		hr	kPag	deg C
1999/03/05	23:23:49	1.6300	8.837	-2.616
1999/03/05	23:24:09	1.6356	9.224	-2.782
1999/03/05	23:24:29	1.6411	9.477	-2.941
1999/03/05	23:24:49	1.6467	10.196	-3.130
1999/03/05	23:25:09	1.6522	10.444	-3.220
1999/03/05	23:25:29	1.6578	7.276	-3.329
1999/03/05	23:25:49	1.6633	6.559	-3.415
1999/03/05	23:26:09	1.6689	8.022	-3.648
1999/03/05	23:26:29	1.6744	8.354	-3.677
1999/03/05	23:26:49	1.6800	8.723	-3.701
1999/03/05	23:27:09	1.6856	9.166	-3.705