

NORTHLAND
WIRELINE SERVICES LTD.

Subsurface Pressure Report

PARAMOUNT RESOURCES LTD.

C-50 60 10 117 30

91/02/13 - 91/03/03

Starburst
Electronic Pressure Recorder

(403) 255-9700

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION DU PÉTROLE ET DU
GAZ DES TERRES DU CANADA

MAR 15 1991

ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTRÔLE

NORTHLAND WIRELINE SERVICES LTD.
611 - 71 AVE. S.E.
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY:	PARAMOUNT RESOURCES LTD.
ADDRESS:	4100, 350 - 7TH. AVE. S.W.
WELL NAME:	PARAMOUNT ET AL CAMERON
LOCATION:	C-50 60 10 117 30
FIELD / POOL:	CAMERON / SULPHUR POINT

TYPE OF TEST:	FLOW & BUILD UP
WELL STATUS:	GAS
PRODUCING INTERVAL (M CF):	1356 - 1358
MID POINT PERFS (M CF):	1357
ELEVATIONS CF:	689.32 KB: 692.69
PRODUCING THROUGH TUBING (MM):	73 CASING: 139.7

PROBE SERIAL #:	20028 [TOP]
PROBE RANGE:	0 - 35849 KPAG
LAST CALIBRATION DATE:	90/12/18
TIME INTERVAL - NORMAL/FAST:	2M / 30S

TUBING PRESSURE	INITIAL	8580	FINAL	8645 (KPAG)
CASING PRESSURE	INITIAL	1560	FINAL	(KPAG)
RUN DEPTH (M CF):			1324.0	
TIME ON BOTTOM:			91/02/13 16:36	
TIME OFF BOTTOM:			91/03/03 10:07	

MAXIMUM TEMPERATURE:	53.1 C
DATE OF TEST:	91/02/13 16:09:30

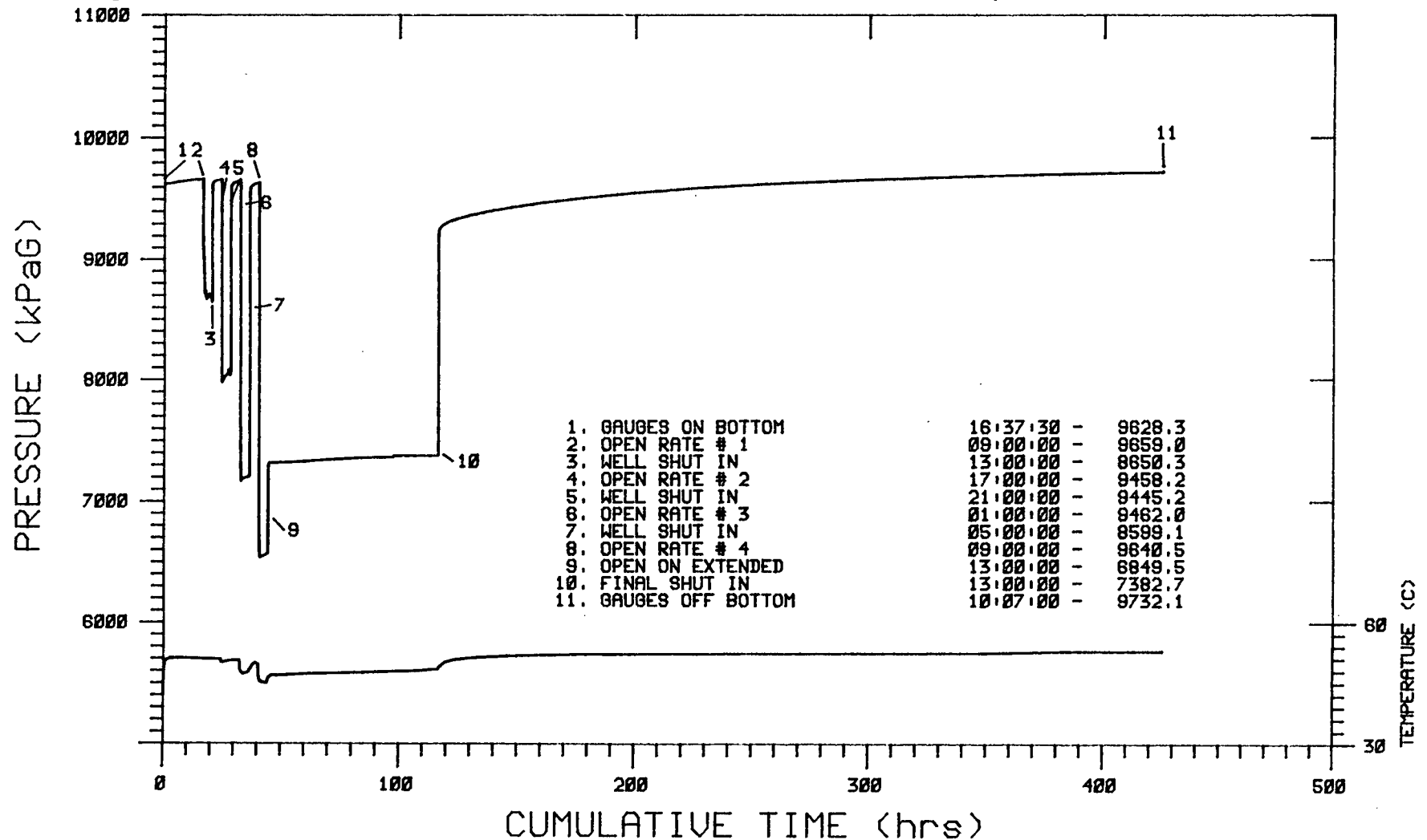
COMMENTS:

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON (C-50 60 10 117 30)

Probe: 20028 [TOP]
Pressure vs Time
By NORTHLAND

CAMERON / SULPHUR POINT
FLOW & BUILD UP
Depth: 1324 MCF



On Bottom 91/02/13 16:36:00

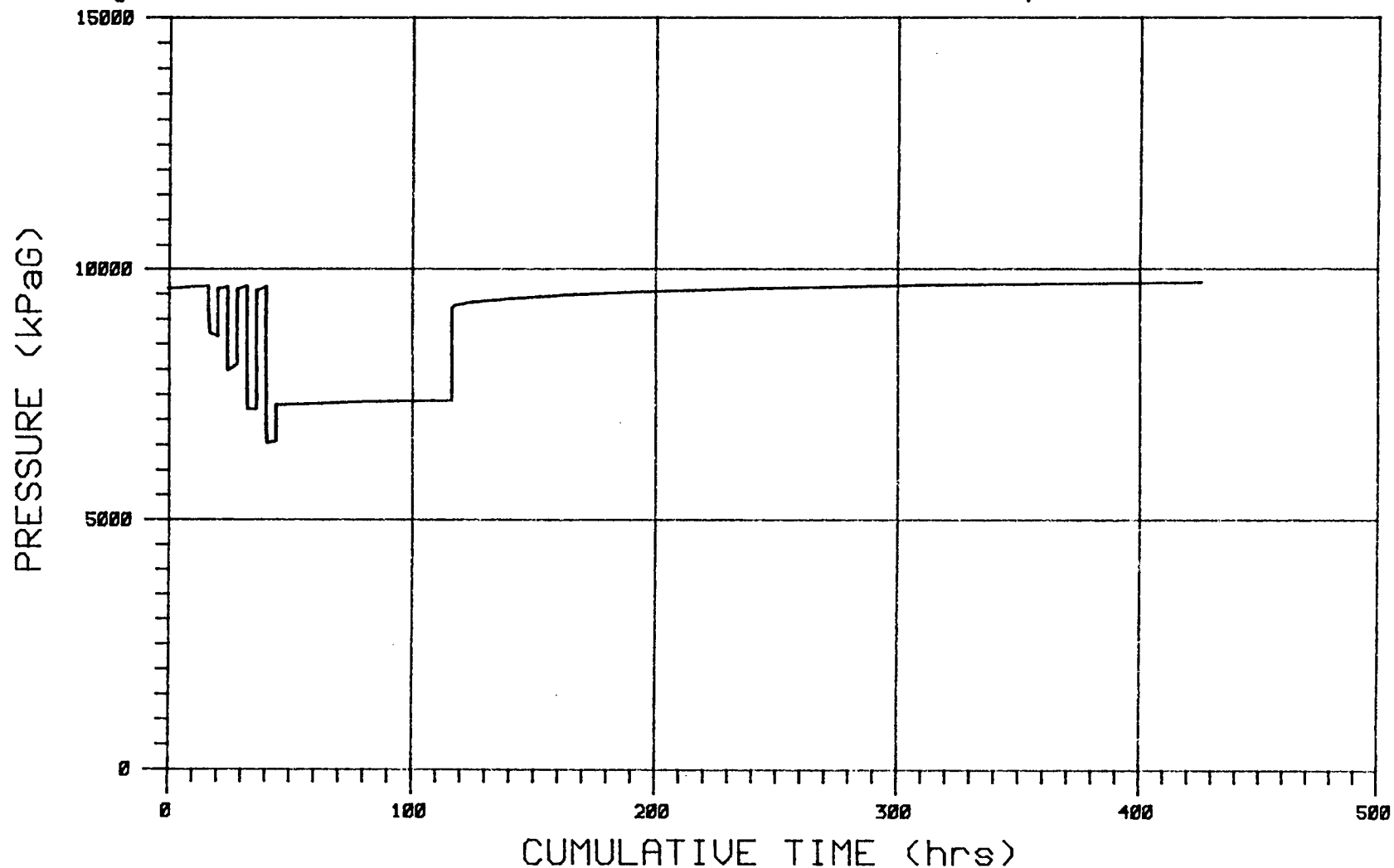
Off Bottom 91/03/03 10:07:00

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON (C-50 60 10 117 30)

Probe: 20028 [TOP]
Pressure vs Time
By NORTHLAND

CAMERON / SULPHUR POINT
FLOW & BUILD UP
Depth: 1324 MCF



Item #	Date	Total Acc Time	Event Acc Time	Temp	Pes KPAG
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Printing every 60th item.

Recorders on bottom - 91/02/13 16:36:00

1	91/02/13 16:37:30	0.025		42.85	9628.3
61	91/02/13 18:37:30	2.025		50.92	9631.7
121	91/02/13 20:37:30	4.025		51.22	9641.7
181	91/02/13 22:37:30	6.025		51.25	9648.7
241	91/02/14 00:37:30	8.025		51.27	9653.7
301	91/02/14 02:37:30	10.025		51.30	9660.7
361	91/02/14 04:37:30	12.025		51.32	9663.2
421	91/02/14 06:37:30	14.025		51.35	9670.2
481	91/02/14 08:37:30	16.025		51.37	9673.3

<OPEN RATE # 1 -- 91/02/14 09:00:00

541	91/02/14 09:58:30	17.375	0.975	51.39	8716.0
601	91/02/14 11:58:30	19.375	2.975	51.42	8709.8

<WELL SHUT IN -- 91/02/14 13:00:00

661	91/02/14 13:54:00	21.300	0.900	51.44	9653.4
721	91/02/14 15:54:00	23.300	2.900	51.47	9665.4

<OPEN RATE # 2 -- 91/02/14 17:00:00

754	91/02/14 17:00:00	24.400	0.000	51.48	9458.2
781	91/02/14 17:33:00	24.950	0.550	50.13	7996.2
841	91/02/14 19:33:00	26.950	2.550	50.01	8044.8

<WELL SHUT IN -- 91/02/14 21:00:00

889	91/02/14 21:00:00	28.400	0.000	50.10	9445.2*
901	91/02/14 21:18:00	28.700	0.300	50.12	9622.4
961	91/02/14 23:18:00	30.700	2.300	50.76	9652.0

<OPEN RATE # 3 -- 91/02/15 01:00:00

1012	91/02/15 01:00:00	32.400	0.000	50.92	9462.0
1021	91/02/15 01:04:30	32.475	0.075	50.93	7689.9*
1081	91/02/15 02:37:30	34.025	1.625	47.38	7195.4
1141	91/02/15 04:37:30	36.025	3.625	47.22	7207.6

<WELL SHUT IN -- 91/02/15 05:00:00

1156	91/02/15 05:00:00	36.400	0.000	47.19	8599.1*
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Date: 91/02/13 16:37 to 91/02/15 05:00 Acc time: 0.025 to 36.400 Page 1
Recorder: 20028

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PARAMOUNT RESOURCES LTD. PARAMOUNT ET AL CAMERON (C-50 60 10 117 30)

Item #	Date	Total Acc Time	Event Acc Time	Temp	Pres KPAG
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1201	91/02/15 06:19:30	37.725	1.325	49.05	9622.1
1261	91/02/15 08:19:30	39.725	3.325	50.22	9639.6

<OPEN RATE # 4 -- 91/02/15 09:00:00

1321	91/02/15 09:46:30	41.175	0.775	45.82	6545.9
1381	91/02/15 11:46:30	43.175	2.775	45.14	6557.5

<OPEN ON EXTENDED -- 91/02/15 13:00:00

1420	91/02/15 13:00:00	44.400	0.000	45.04	6849.5*
1441	91/02/15 13:27:00	44.850	0.450	46.24	7321.9
1501	91/02/15 15:27:00	46.850	2.450	46.94	7322.8
1561	91/02/15 17:27:00	48.850	4.450	47.01	7323.6
1621	91/02/15 19:27:00	50.850	6.450	47.07	7323.7
1681	91/02/15 21:27:00	52.850	8.450	47.14	7326.4
1741	91/02/15 23:27:00	54.850	10.450	47.21	7329.0
1801	91/02/16 01:27:00	56.850	12.450	47.27	7329.8
1861	91/02/16 03:27:00	58.850	14.450	47.34	7334.3
1921	91/02/16 05:27:00	60.850	16.450	47.41	7338.9
1981	91/02/16 07:27:00	62.850	18.450	47.45	7344.0
2041	91/02/16 09:27:00	64.850	20.450	47.48	7344.7
2101	91/02/16 11:27:00	66.850	22.450	47.51	7348.5
2161	91/02/16 13:27:00	68.850	24.450	47.53	7349.8
2221	91/02/16 15:27:00	70.850	26.450	47.56	7353.0
2281	91/02/16 17:27:00	72.850	28.450	47.59	7353.1
2341	91/02/16 19:27:00	74.850	30.450	47.61	7350.6
2401	91/02/16 21:27:00	76.850	32.450	47.64	7353.8
2461	91/02/16 23:27:00	78.850	34.450	47.67	7359.5
2521	91/02/17 01:27:00	80.850	36.450	47.69	7359.6
2581	91/02/17 03:27:00	82.850	38.450	47.72	7362.1
2641	91/02/17 05:27:00	84.850	40.450	47.75	7361.6
2701	91/02/17 07:27:00	86.850	42.450	47.77	7366.0
2761	91/02/17 09:27:00	88.850	44.450	47.80	7366.7
2821	91/02/17 11:27:00	90.850	46.450	47.83	7367.4
2881	91/02/17 13:27:00	92.850	48.450	47.85	7369.3
2941	91/02/17 15:27:00	94.850	50.450	47.88	7371.2
3001	91/02/17 17:27:00	96.850	52.450	47.91	7371.9
3061	91/02/17 19:27:00	98.850	54.450	47.93	7370.7
3121	91/02/17 21:27:00	100.850	56.450	47.96	7372.1
3181	91/02/17 23:27:00	102.850	58.450	48.02	7378.4
3241	91/02/18 01:27:00	104.850	60.450	48.09	7379.9
3301	91/02/18 03:27:00	106.850	62.450	48.16	7381.3
3361	91/02/18 05:27:00	108.850	64.450	48.23	7380.8
3421	91/02/18 07:27:00	110.850	66.450	48.31	7380.3
3481	91/02/18 09:27:00	112.850	68.450	48.38	7381.1

Date: 91/02/15 05:00 to 91/02/18 09:27 Acc time: 36.408 to 112.850 Page 2
Recorder: 20028

3541	91/02/18 11:27:00	114.850	70.450	48.45	7381.3
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<FINAL SHUT IN -- 91/02/18 13:00:00

3589	91/02/18 13:00:00	116.400	0.000	48.51	7382.7*
3601	91/02/18 13:12:00	116.600	0.200	48.58	9234.0
3661	91/02/18 15:12:00	118.600	2.200	49.82	9298.1
3721	91/02/18 17:12:00	120.600	4.200	50.41	9320.0
3781	91/02/18 19:12:00	122.600	6.200	50.75	9336.4
3841	91/02/18 21:12:00	124.600	8.200	50.95	9349.3
3901	91/02/18 23:12:00	126.600	10.200	51.15	9360.4
3961	91/02/19 01:12:00	128.600	12.200	51.27	9370.1
4021	91/02/19 03:12:00	130.600	14.200	51.36	9379.6
4081	91/02/19 05:12:00	132.600	16.200	51.44	9388.0
4141	91/02/19 07:12:00	134.600	18.200	51.53	9395.0
4201	91/02/19 09:12:00	136.600	20.200	51.62	9403.4
4261	91/02/19 11:12:00	138.600	22.200	51.70	9411.7
4321	91/02/19 13:12:00	140.600	24.200	51.76	9420.0
4381	91/02/19 15:12:00	142.600	26.200	51.79	9425.0
4441	91/02/19 17:12:00	144.600	28.200	51.82	9432.6
4501	91/02/19 19:12:00	146.600	30.200	51.85	9439.6
4561	91/02/19 21:12:00	148.600	32.200	51.88	9444.6
4621	91/02/19 23:12:00	150.600	34.200	51.91	9451.6
4681	91/02/20 01:12:00	152.600	36.200	51.94	9456.7
4741	91/02/20 03:12:00	154.600	38.200	51.97	9463.7
4801	91/02/20 05:12:00	156.600	40.200	51.99	9468.8
4861	91/02/20 07:12:00	158.600	42.200	52.02	9473.9
4921	91/02/20 09:12:00	160.600	44.200	52.05	9480.8
4981	91/02/20 11:12:00	162.600	46.200	52.08	9484.7
5041	91/02/20 13:12:00	164.600	48.200	52.11	9491.0
5101	91/02/20 15:12:00	166.600	50.200	52.14	9494.9
5161	91/02/20 17:12:00	168.600	52.200	52.16	9500.6
5221	91/02/20 19:12:00	170.600	54.200	52.19	9504.5
5281	91/02/20 21:12:00	172.600	56.200	52.22	9509.6
5341	91/02/20 23:12:00	174.600	58.200	52.25	9514.0
5401	91/02/21 01:12:00	176.600	60.200	52.28	9517.9
5461	91/02/21 03:12:00	178.600	62.200	52.30	9523.6
5521	91/02/21 05:12:00	180.600	64.200	52.32	9525.5
5581	91/02/21 07:12:00	182.600	66.200	52.34	9531.2
5641	91/02/21 09:12:00	184.600	68.200	52.36	9534.4
5701	91/02/21 11:12:00	186.600	70.200	52.38	9538.9
5761	91/02/21 13:12:00	188.600	72.200	52.40	9544.0
5821	91/02/21 15:12:00	190.600	74.200	52.42	9545.9
5881	91/02/21 17:12:00	192.600	76.200	52.44	9551.0
5941	91/02/21 19:12:00	194.600	78.200	52.46	9554.8
6001	91/02/21 21:12:00	196.600	80.200	52.48	9556.7

Item #	Date	Total Acc Time	Event Acc Time	Temp	Pres KPAG
6061	91/02/21 23:12:00	198.600	82.200	52.50	9560.6
6121	91/02/22 01:12:00	200.600	84.200	52.52	9564.4
6181	91/02/22 03:12:00	202.600	86.200	52.54	9567.0
6241	91/02/22 05:12:00	204.600	88.200	52.55	9570.7
6301	91/02/22 07:12:00	206.600	90.200	52.55	9574.5
6361	91/02/22 09:12:00	208.600	92.200	52.55	9576.4
6421	91/02/22 11:12:00	210.600	94.200	52.55	9579.5
6481	91/02/22 13:12:00	212.600	96.200	52.55	9583.3
6541	91/02/22 15:12:00	214.600	98.200	52.55	9585.8
6601	91/02/22 17:12:00	216.600	100.200	52.55	9587.7
6661	91/02/22 19:12:00	218.600	102.200	52.55	9591.4
6721	91/02/22 21:12:00	220.600	104.200	52.55	9594.5
6781	91/02/22 23:12:00	222.600	106.200	52.55	9596.4
6841	91/02/23 01:12:00	224.600	108.200	52.55	9598.3
6901	91/02/23 03:12:00	226.600	110.200	52.55	9601.4
6961	91/02/23 05:12:00	228.600	112.200	52.55	9604.6
7021	91/02/23 07:12:00	230.600	114.200	52.55	9605.8
7081	91/02/23 09:12:00	232.600	116.200	52.55	9608.3
7141	91/02/23 11:12:00	234.600	118.200	52.55	9612.7
7201	91/02/23 13:12:00	236.600	120.200	52.55	9614.6
7261	91/02/23 15:12:00	238.600	122.200	52.55	9615.2
7321	91/02/23 17:12:00	240.600	124.200	52.55	9617.7
7381	91/02/23 19:12:00	242.600	126.200	52.55	9620.2
7441	91/02/23 21:12:00	244.600	128.200	52.55	9623.3
7501	91/02/23 23:12:00	246.600	130.200	52.55	9625.2
7561	91/02/24 01:12:00	248.600	132.200	52.55	9626.5
7621	91/02/24 03:12:00	250.600	134.200	52.55	9629.0
7681	91/02/24 05:12:00	252.600	136.200	52.55	9632.1
7741	91/02/24 07:12:00	254.600	138.200	52.55	9634.0
7801	91/02/24 09:12:00	256.600	140.200	52.55	9635.9
7861	91/02/24 11:12:00	258.600	142.200	52.55	9637.1
7921	91/02/24 13:12:00	260.600	144.200	52.55	9637.7
7981	91/02/24 15:12:00	262.600	146.200	52.55	9640.9
8041	91/02/24 17:12:00	264.600	148.200	52.55	9643.4
8101	91/02/24 19:12:00	266.600	150.200	52.55	9645.3
8161	91/02/24 21:12:00	268.600	152.200	52.55	9646.5
8221	91/02/24 23:12:00	270.600	154.200	52.55	9647.8
8281	91/02/25 01:12:00	272.600	156.200	52.55	9649.6
8341	91/02/25 03:12:00	274.600	158.200	52.55	9652.8
8401	91/02/25 05:12:00	276.600	160.200	52.55	9654.6
8461	91/02/25 07:12:00	278.600	162.200	52.55	9655.3
8521	91/02/25 09:12:00	280.600	164.200	52.55	9655.9
8581	91/02/25 11:12:00	282.600	166.200	52.55	9657.8
8641	91/02/25 13:12:00	284.600	168.200	52.55	9659.0
8701	91/02/25 15:12:00	286.600	170.200	52.55	9662.2
8761	91/02/25 17:12:00	288.600	172.200	52.55	9664.0

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PARAMOUNT RESOURCES LTD. PARAMOUNT ET AL CAMERON (C-50 60 10 117 30)

Item #	Date	Total Acc Time	Event Acc Time	Temp	Pres KPAG
8821	91/02/25 19:12:00	290.600	174.200	52.55	9665.3
8881	91/02/25 21:12:00	292.600	176.200	52.55	9665.9
8941	91/02/25 23:12:00	294.600	178.200	52.55	9666.5
9001	91/02/26 01:12:00	296.600	180.200	52.55	9668.4
9061	91/02/26 03:12:00	298.600	182.200	52.55	9670.3
9121	91/02/26 05:12:00	300.600	184.200	52.55	9672.8
9181	91/02/26 07:12:00	302.600	186.200	52.55	9674.1
9241	91/02/26 09:12:00	304.600	188.200	52.55	9675.3
9301	91/02/26 11:12:00	306.600	190.200	52.55	9675.9
9361	91/02/26 13:12:00	308.600	192.200	52.55	9676.6
9421	91/02/26 15:12:00	310.600	194.200	52.55	9677.8
9481	91/02/26 17:12:00	312.600	196.200	52.55	9679.1
9541	91/02/26 19:12:00	314.600	198.200	52.55	9681.6
9601	91/02/26 21:12:00	316.600	200.200	52.55	9683.5
9661	91/02/26 23:12:00	318.600	202.200	52.55	9684.7
9721	91/02/27 01:12:00	320.600	204.200	52.55	9685.3
9781	91/02/27 03:12:00	322.600	206.200	52.55	9686.0
9841	91/02/27 05:12:00	324.600	208.200	52.55	9687.2
9901	91/02/27 07:12:00	326.600	210.200	52.55	9688.5
9961	91/02/27 09:12:00	328.600	212.200	52.55	9689.7
10021	91/02/27 11:12:00	330.600	214.200	52.55	9691.0
10081	91/02/27 13:12:00	332.600	216.200	52.55	9692.8
10141	91/02/27 15:12:00	334.600	218.200	52.55	9694.7
10201	91/02/27 17:12:00	336.600	220.200	52.55	9695.3
10261	91/02/27 19:12:00	338.600	222.200	52.55	9696.6
10321	91/02/27 21:12:00	340.600	224.200	52.55	9697.2
10381	91/02/27 23:12:00	342.600	226.200	52.55	9699.7
10441	91/02/28 01:12:00	344.600	228.200	52.57	9701.0
10501	91/02/28 03:12:00	346.600	230.200	52.60	9701.8
10561	91/02/28 05:12:00	348.600	232.200	52.64	9703.8
10621	91/02/28 07:12:00	350.600	234.200	52.68	9704.5
10681	91/02/28 09:12:00	352.600	236.200	52.72	9705.9
10741	91/02/28 11:12:00	354.600	238.200	52.76	9706.0
10801	91/02/28 13:12:00	356.600	240.200	52.80	9706.8
10861	91/02/28 15:12:00	358.600	242.200	52.83	9706.9
10921	91/02/28 17:12:00	360.600	244.200	52.85	9706.9
10981	91/02/28 19:12:00	362.600	246.200	52.87	9707.6
11041	91/02/28 21:12:00	364.600	248.200	52.89	9708.3
11101	91/02/28 23:12:00	366.600	250.200	52.91	9709.6
11161	91/03/01 01:12:00	368.600	252.200	52.93	9711.6
11221	91/03/01 03:12:00	370.600	254.200	52.95	9712.3
11281	91/03/01 05:12:00	372.600	256.200	52.97	9713.6
11341	91/03/01 07:12:00	374.600	258.200	52.99	9714.9
11401	91/03/01 09:12:00	376.600	260.200	53.01	9715.6
11461	91/03/01 11:12:00	378.600	262.200	53.03	9716.3
11521	91/03/01 13:12:00	380.600	264.200	53.05	9717.0

Date: 91/02/25 17:14 to 91/03/01 13:12 Acc time: 288.633 to 380.600 Page 5
Recorder: 20028

Item #	Date	Total Acc Time	Event Acc Time	Temp	Pres KPAG
11581	91/03/01 15:12:00	382.600	266.200	53.07	9717.7
11641	91/03/01 17:12:00	384.600	268.200	53.09	9717.7
11701	91/03/01 19:12:00	386.600	270.200	53.09	9719.0
11761	91/03/01 21:12:00	388.600	272.200	53.09	9719.6
11821	91/03/01 23:12:00	390.600	274.200	53.09	9719.6
11881	91/03/02 01:12:00	392.600	276.200	53.09	9721.5
11941	91/03/02 03:12:00	394.600	278.200	53.09	9722.1
12001	91/03/02 05:12:00	396.600	280.200	53.09	9723.4
12061	91/03/02 07:12:00	398.600	282.200	53.09	9724.6
12121	91/03/02 09:12:00	400.600	284.200	53.09	9725.2
12181	91/03/02 11:12:00	402.600	286.200	53.09	9725.9
12241	91/03/02 13:12:00	404.600	288.200	53.09	9726.5
12301	91/03/02 15:12:00	406.600	290.200	53.09	9727.1
12361	91/03/02 17:12:00	408.600	292.200	53.09	9727.7
12421	91/03/02 19:12:00	410.600	294.200	53.09	9727.7
12481	91/03/02 21:12:00	412.600	296.200	53.09	9728.4
12541	91/03/02 23:12:00	414.600	298.200	53.09	9729.0
12601	91/03/03 01:12:00	416.600	300.200	53.09	9729.6
12661	91/03/03 03:12:00	418.600	302.200	53.09	9730.9
12721	91/03/03 05:12:00	420.600	304.200	53.09	9731.5
12781	91/03/03 07:12:00	422.600	306.200	53.09	9731.5
12841	91/03/03 09:09:00	424.550	308.150	53.09	9734.0

Recorders off bottom - 91/03/03 10:07:00

NORTHLAND
WIRELINE SERVICES LTD.

Subsurface Pressure Report

PARAMOUNT RESOURCES LTD.

C-50 60 10 117 30

91/02/13 - 91/03/03

Starburst
Electronic Pressure Recorder

(403) 255-9700

NORTHLAND WIRELINE SERVICES LTD.
611 - 71 AVE. S.E.
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY: PARAMOUNT RESOURCES LTD.
ADDRESS: 4100, 350 - 7TH. AVE. S.W.
WELL NAME: PARAMOUNT ET AL CAMERON
LOCATION: C-50 60 10 117 30
FIELD / POOL: CAMERON / SULPHUR POINT

TYPE OF TEST: FLOW & BUILD UP
WELL STATUS: GAS
PRODUCING INTERVAL (M CF): 1356 - 1358
MID POINT PERFS (M CF): 1357
ELEVATIONS CF: 689.32 KB: 692.69
PRODUCING THROUGH TUBING (MM): 73 CASING: 139.7

PROBE SERIAL #: 20033 [BOTTOM]
PROBE RANGE: 0 - 34470 KPAG
LAST CALIBRATION DATE: 90/12/18
TIME INTERVAL - NORMAL/FAST: 2M / 30S

TUBING PRESSURE INITIAL 8580 FINAL 8645 (KPAG)
CASING PRESSURE INITIAL 1560 FINAL (KPAG)
RUN DEPTH (M CF): 1325.0
TIME ON BOTTOM: 91/02/13 16:36
TIME OFF BOTTOM: 91/03/03 10:07

MAXIMUM TEMPERATURE: 53.0 C
DATE OF TEST: 91/02/13 16:11

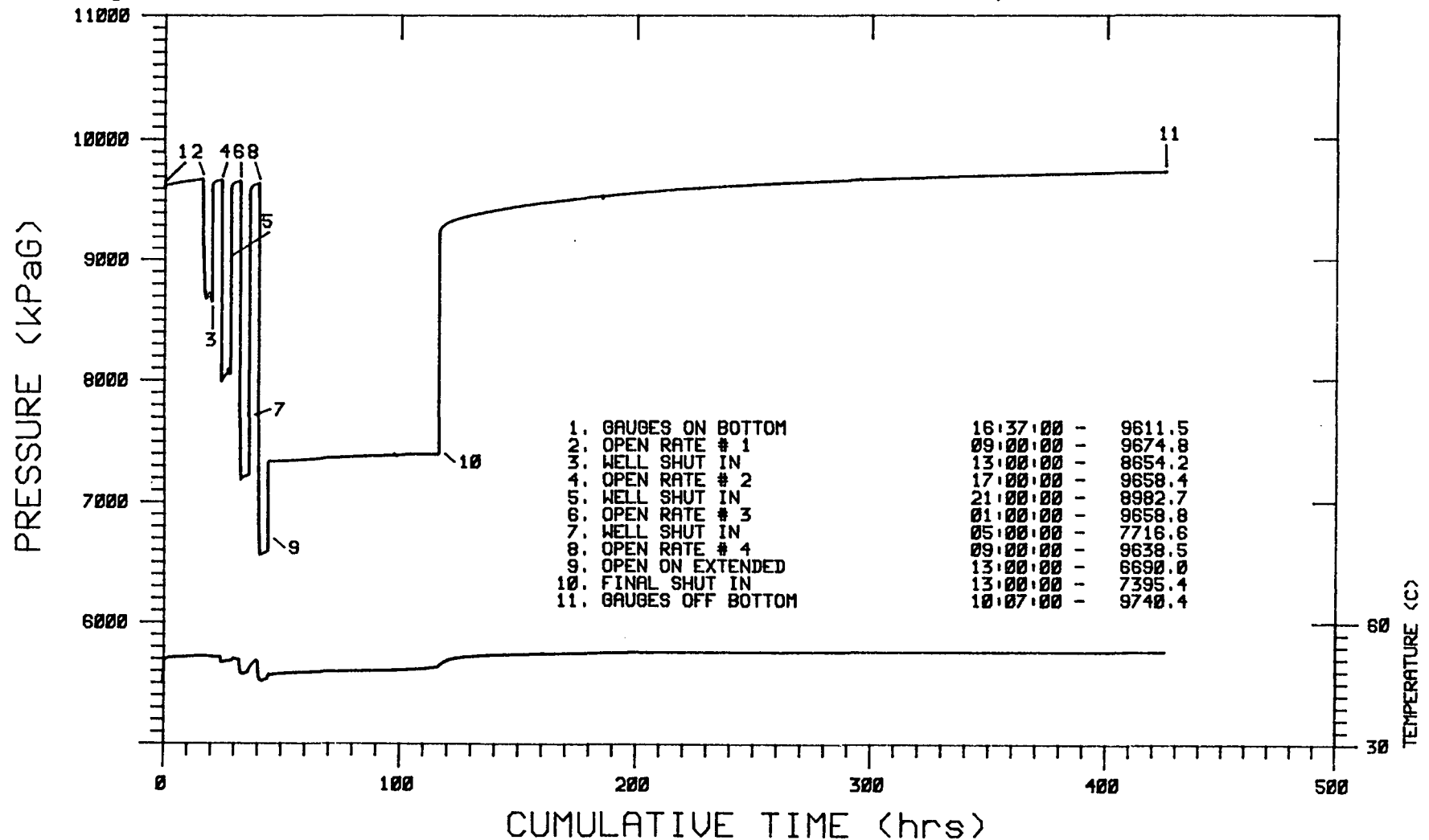
COMMENTS:

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON (C-50 60 10 117 30)

Probe: 20033 [BOTTOM]
Pressure vs Time
By NORTHLAND

CAMERON / SULPHUR POINT
FLOW & BUILD UP
Depth: 1325 MCF



On Bottom 91/02/13 16:36:00

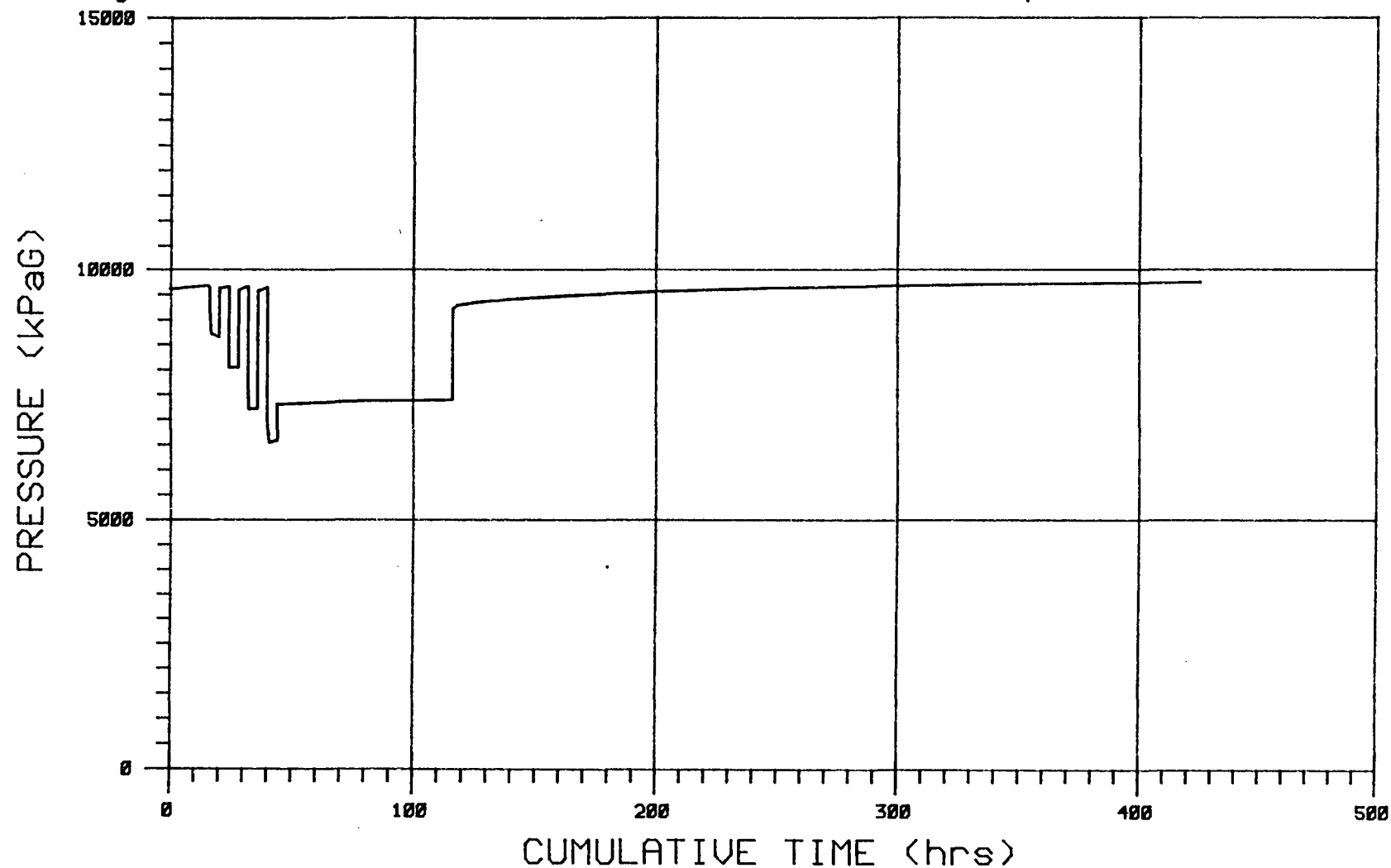
Off Bottom 91/03/03 10:07:00

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON (C-50 60 10 117 30)

Probe: 20033 [BOTTOM]
Pressure vs Time
By NORTHLAND

CAMERON / SULPHUR POINT
FLOW & BUILD UP
Depth: 1325 MCF



On Bottom 91/02/13 16:36:00

Off Bottom 91/03/03 10:07:00

Item #	Date	Total Acc Time	Event Acc Time	Temp	Pres KPAG
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Printing every 60th item.

Recorders on bottom - 91/02/13 16:36:00

1	91/02/13 16:37:00	0.017		45.41	9611.5
61	91/02/13 18:37:00	2.017		51.24	9635.3
121	91/02/13 20:37:00	4.017		51.61	9643.8
181	91/02/13 22:37:00	6.017		51.64	9651.3
241	91/02/14 00:37:00	8.017		51.66	9657.1
301	91/02/14 02:37:00	10.017		51.69	9664.0
361	91/02/14 04:37:00	12.017		51.72	9669.7
421	91/02/14 06:37:00	14.017		51.74	9673.2
481	91/02/14 08:37:00	16.017		51.77	9679.5

<OPEN RATE # 1 -- 91/02/14 09:00:00

541	91/02/14 09:47:30	17.192	0.792	51.78	8737.3
601	91/02/14 11:47:30	19.192	2.792	51.81	8724.5

<WELL SHUT IN -- 91/02/14 13:00:00

661	91/02/14 13:41:30	21.092	0.692	51.83	9653.8
721	91/02/14 15:41:30	23.092	2.692	51.86	9670.0

<OPEN RATE # 2 -- 91/02/14 17:00:00

781	91/02/14 17:22:00	24.767	0.367	50.26	7993.8
841	91/02/14 19:22:00	26.767	2.367	50.39	8049.9

<WELL SHUT IN -- 91/02/14 21:00:00

893	91/02/14 21:00:00	28.400	0.000	50.49	8982.7*
901	91/02/14 21:05:30	28.492	0.092	50.49	9604.8
961	91/02/14 23:05:30	30.492	2.092	51.10	9654.7

<OPEN RATE # 3 -- 91/02/15 01:00:00

1021	91/02/15 01:02:30	32.442	0.042	51.08	8443.6*
1081	91/02/15 02:19:00	33.717	1.317	47.45	7208.2
1141	91/02/15 04:19:00	35.717	3.317	47.13	7218.0

<WELL SHUT IN -- 91/02/15 05:00:00

1163	91/02/15 05:00:00	36.400	0.000	47.68	7716.6*
1201	91/02/15 06:02:30	37.442	1.042	49.14	9621.5
1261	91/02/15 08:02:30	39.442	3.042	50.55	9640.7

Date: 91/02/13 16:37 to 91/02/15 08:02 Acc time: 0.017 to 39.442 Page 1
Recorder: 20033

Page 2

PARAMOUNT RESOURCES LTD. PARAMOUNT ET AL CAMERON (C-50 60 10 117 30)

Item #	Date	Total Acc Time	Event Acc Time	Temp	Pres KPAG
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<OPEN RATE # 4 -- 91/02/15 09:00:00

1321	91/02/15 09:23:30	40.792	0.392	46.74	6622.7*
1381	91/02/15 11:23:30	42.792	2.392	45.56	6572.6

<OPEN ON EXTENDED -- 91/02/15 13:00:00

1430	91/02/15 13:00:00	44.400	0.000	45.43	6690.0*
1441	91/02/15 13:05:30	44.492	0.092	45.67	7303.8*
1501	91/02/15 15:04:00	46.467	2.067	47.32	7338.5
1561	91/02/15 17:04:00	48.467	4.067	47.37	7339.0
1621	91/02/15 19:04:00	50.467	6.067	47.43	7339.0
1681	91/02/15 21:04:00	52.467	8.067	47.49	7340.6
1741	91/02/15 23:04:00	54.467	10.067	47.54	7344.0
1801	91/02/16 01:04:00	56.467	12.067	47.60	7345.7
1861	91/02/16 03:04:00	58.467	14.067	47.65	7348.5
1921	91/02/16 05:04:00	60.467	16.067	47.71	7353.6
1981	91/02/16 07:04:00	62.467	18.067	47.76	7357.0
2041	91/02/16 09:04:00	64.467	20.067	47.82	7359.3
2101	91/02/16 11:04:00	66.467	22.067	47.85	7361.6
2161	91/02/16 13:04:00	68.467	24.067	47.88	7365.6
2221	91/02/16 15:04:00	70.467	26.067	47.91	7366.7
2281	91/02/16 17:04:00	72.467	28.067	47.93	7367.2
2341	91/02/16 19:04:00	74.467	30.067	47.96	7366.0
2401	91/02/16 21:04:00	76.467	32.067	47.99	7367.2
2461	91/02/16 23:04:00	78.467	34.067	48.01	7374.1
2521	91/02/17 01:04:00	80.467	36.067	48.04	7374.1
2581	91/02/17 03:04:00	82.467	38.067	48.07	7376.9
2641	91/02/17 05:04:00	84.467	40.067	48.09	7375.7
2701	91/02/17 07:04:00	86.467	42.067	48.12	7377.4
2761	91/02/17 09:04:00	88.467	44.067	48.15	7380.9
2821	91/02/17 11:04:00	90.467	46.067	48.17	7383.7
2881	91/02/17 13:04:00	92.467	48.067	48.20	7383.1
2941	91/02/17 15:04:00	94.467	50.067	48.23	7384.8
3001	91/02/17 17:04:00	96.467	52.067	48.25	7385.4
3061	91/02/17 19:04:00	98.467	54.067	48.28	7385.9
3121	91/02/17 21:04:00	100.467	56.067	48.31	7385.9
3181	91/02/17 23:04:00	102.467	58.067	48.33	7393.4
3241	91/02/18 01:04:00	104.467	60.067	48.36	7393.3
3301	91/02/18 03:04:00	106.467	62.067	48.43	7394.4
3361	91/02/18 05:04:00	108.467	64.067	48.52	7394.2
3421	91/02/18 07:04:00	110.467	66.067	48.62	7392.9
3481	91/02/18 09:04:00	112.467	68.067	48.72	7392.8
3541	91/02/18 11:04:00	114.467	70.067	48.81	7393.8

<FINAL SHUT IN -- 91/02/18 13:00:00

3599	91/02/18 13:00:00	116.400	0.000	48.91	7395.4
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Date: 91/02/15 08:04 to 91/02/18 13:00 Acc time: 39.475 to 116.400 Page 2
Recorder: 20033

3601	91/02/18	13:02:30	116.442	0.042	48.91	9159.0*
3661	91/02/18	14:58:00	118.367	1.967	49.99	9299.8
3721	91/02/18	16:58:00	120.367	3.967	50.67	9322.3
3781	91/02/18	18:58:00	122.367	5.967	51.07	9339.5
3841	91/02/18	20:58:00	124.367	7.967	51.25	9351.9
3901	91/02/18	22:58:00	126.367	9.967	51.44	9365.5
3961	91/02/19	00:58:00	128.367	11.967	51.62	9375.0
4021	91/02/19	02:58:00	130.367	13.967	51.69	9384.1
4081	91/02/19	04:58:00	132.367	15.967	51.77	9392.7
4141	91/02/19	06:58:00	134.367	17.967	51.85	9401.3
4201	91/02/19	08:58:00	136.367	19.967	51.93	9407.5
4261	91/02/19	10:58:00	138.367	21.967	52.00	9416.1
4321	91/02/19	12:58:00	140.367	23.967	52.08	9422.3
4381	91/02/19	14:58:00	142.367	25.967	52.15	9430.3
4441	91/02/19	16:58:00	144.367	27.967	52.18	9438.4
4501	91/02/19	18:58:00	146.367	29.967	52.20	9443.5
4561	91/02/19	20:58:00	148.367	31.967	52.22	9449.3
4621	91/02/19	22:58:00	150.367	33.967	52.25	9458.0
4681	91/02/20	00:58:00	152.367	35.967	52.27	9463.1
4741	91/02/20	02:58:00	154.367	37.967	52.29	9467.7
4801	91/02/20	04:58:00	156.367	39.967	52.32	9474.6
4861	91/02/20	06:58:00	158.367	41.967	52.34	9479.2
4921	91/02/20	08:58:00	160.367	43.967	52.36	9486.2
4981	91/02/20	10:58:00	162.367	45.967	52.38	9490.2
5041	91/02/20	12:58:00	164.367	47.967	52.41	9495.4
5101	91/02/20	14:58:00	166.367	49.967	52.43	9501.1
5161	91/02/20	16:58:00	168.367	51.967	52.45	9504.6
5221	91/02/20	18:58:00	170.367	53.967	52.48	9511.5
5281	91/02/20	20:58:00	172.367	55.967	52.50	9514.3
5341	91/02/20	22:58:00	174.367	57.967	52.52	9519.5
5401	91/02/21	00:58:00	176.367	59.967	52.55	9522.9
5461	91/02/21	02:58:00	178.367	61.967	52.57	9528.7
5521	91/02/21	04:58:00	180.367	63.967	52.59	9532.1
5581	91/02/21	06:58:00	182.367	65.967	52.61	9535.6
5641	91/02/21	08:58:00	184.367	67.967	52.64	9540.8
5701	91/02/21	10:58:00	186.367	69.967	52.66	9543.6
5761	91/02/21	12:58:00	188.367	71.967	52.68	9549.4
5821	91/02/21	14:58:00	190.367	73.967	52.71	9551.1
5881	91/02/21	16:58:00	192.367	75.967	52.73	9555.1
5941	91/02/21	18:58:00	194.367	77.967	52.75	9559.1
6001	91/02/21	20:58:00	196.367	79.967	52.77	9562.0
6061	91/02/21	22:58:00	198.367	81.967	52.79	9566.6
6121	91/02/22	00:58:00	200.367	83.967	52.81	9568.9
6181	91/02/22	02:58:00	202.367	85.967	52.83	9572.9
6241	91/02/22	04:58:00	204.367	87.967	52.85	9576.9
6301	91/02/22	06:58:00	206.367	89.967	52.87	9578.6

6361	91/02/22 08:58:00	208.367	91.967	52.89	9582.6
6421	91/02/22 10:58:00	210.367	93.967	52.91	9586.1
6481	91/02/22 12:58:00	212.367	95.967	52.93	9588.4
6541	91/02/22 14:58:00	214.367	97.967	52.95	9591.8
6601	91/02/22 16:58:00	216.367	99.967	52.96	9595.8
6661	91/02/22 18:58:00	218.367	101.967	52.96	9597.0
6721	91/02/22 20:58:00	220.367	103.967	52.96	9600.5
6781	91/02/22 22:58:00	222.367	105.967	52.96	9604.0
6841	91/02/23 00:58:00	224.367	107.967	52.96	9605.7
6901	91/02/23 02:58:00	226.367	109.967	52.96	9608.6
6961	91/02/23 04:58:00	228.367	111.967	52.96	9612.1
7021	91/02/23 06:58:00	230.367	113.967	52.96	9614.4
7081	91/02/23 08:58:00	232.367	115.967	52.96	9615.6
7141	91/02/23 10:58:00	234.367	117.967	52.96	9619.1
7201	91/02/23 12:58:00	236.367	119.967	52.96	9622.5
7261	91/02/23 14:58:00	238.367	121.967	52.96	9623.7
7321	91/02/23 16:58:00	240.367	123.967	52.96	9624.9
7381	91/02/23 18:58:00	242.367	125.967	52.96	9627.2
7441	91/02/23 20:58:00	244.367	127.967	52.96	9631.2
7501	91/02/23 22:58:00	246.367	129.967	52.96	9633.0
7561	91/02/24 00:58:00	248.367	131.967	52.96	9634.1
7621	91/02/24 02:58:00	250.367	133.967	52.96	9636.5
7681	91/02/24 04:58:00	252.367	135.967	52.96	9639.4
7741	91/02/24 06:58:00	254.367	137.967	52.96	9641.7
7801	91/02/24 08:58:00	256.367	139.967	52.96	9642.9
7861	91/02/24 10:58:00	258.367	141.967	52.96	9644.0
7921	91/02/24 12:58:00	260.367	143.967	52.96	9646.3
7981	91/02/24 14:58:00	262.367	145.967	52.96	9649.8
8041	91/02/24 16:58:00	264.367	147.967	52.96	9651.6
8101	91/02/24 18:58:00	266.367	149.967	52.96	9652.7
8161	91/02/24 20:58:00	268.367	151.967	52.96	9653.9
8221	91/02/24 22:58:00	270.367	153.967	52.96	9655.6
8281	91/02/25 00:58:00	272.367	155.967	52.96	9658.5
8341	91/02/25 02:58:00	274.367	157.967	52.96	9660.8
8401	91/02/25 04:58:00	276.367	159.967	52.96	9661.4
8461	91/02/25 06:58:00	278.367	161.967	52.96	9662.6
8521	91/02/25 08:58:00	280.367	163.967	52.96	9664.9
8581	91/02/25 10:58:00	282.367	165.967	52.96	9667.2
8641	91/02/25 12:58:00	284.367	167.967	52.96	9669.0
8701	91/02/25 14:58:00	286.367	169.967	52.96	9670.1
8761	91/02/25 16:58:00	288.367	171.967	52.96	9670.7
8821	91/02/25 18:58:00	290.367	173.967	52.96	9671.9
8881	91/02/25 20:58:00	292.367	175.967	52.96	9674.2
8941	91/02/25 22:58:00	294.367	177.967	52.96	9676.5
9001	91/02/26 00:58:00	296.367	179.967	52.96	9678.3
9061	91/02/26 02:58:00	298.367	181.967	52.96	9679.4

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PARAMOUNT RESOURCES LTD. PARAMOUNT ET AL CAMERON (C-50 60 10 117 30)

Item #	Date	Total Acc Time	Event Acc Time	Temp	Pres KPAG
9121	91/02/26 04:58:00	300.367	183.967	52.96	9680.0
9181	91/02/26 06:58:00	302.367	185.967	52.96	9680.6
9241	91/02/26 08:58:00	304.367	187.967	52.96	9682.3
9301	91/02/26 10:58:00	306.367	189.967	52.96	9684.1
9361	91/02/26 12:58:00	308.367	191.967	52.96	9687.0
9421	91/02/26 14:58:00	310.367	193.967	52.96	9688.7
9481	91/02/26 16:58:00	312.367	195.967	52.96	9688.7
9541	91/02/26 18:58:00	314.367	197.967	52.96	9689.3
9601	91/02/26 20:58:00	316.367	199.967	52.96	9689.9
9661	91/02/26 22:58:00	318.367	201.967	52.96	9692.2
9721	91/02/27 00:58:00	320.367	203.967	52.96	9692.8
9781	91/02/27 02:58:00	322.367	205.967	52.96	9695.7
9841	91/02/27 04:58:00	324.367	207.967	52.96	9697.4
9901	91/02/27 06:58:00	326.367	209.967	52.96	9698.0
9961	91/02/27 08:58:00	328.367	211.967	52.96	9698.0
10021	91/02/27 10:58:00	330.367	213.967	52.96	9698.6
10081	91/02/27 12:58:00	332.367	215.967	52.96	9699.7
10141	91/02/27 14:58:00	334.367	217.967	52.96	9701.5
10201	91/02/27 16:58:00	336.367	219.967	52.96	9703.2
10261	91/02/27 18:58:00	338.367	221.967	52.96	9704.4
10321	91/02/27 20:58:00	340.367	223.967	52.96	9706.1
10381	91/02/27 22:58:00	342.367	225.967	52.96	9706.7
10441	91/02/28 00:58:00	344.367	227.967	52.96	9707.3
10501	91/02/28 02:58:00	346.367	229.967	52.96	9707.9
10561	91/02/28 04:58:00	348.367	231.967	52.96	9708.4
10621	91/02/28 06:58:00	350.367	233.967	52.96	9709.6
10681	91/02/28 08:58:00	352.367	235.967	52.96	9711.3
10741	91/02/28 10:58:00	354.367	237.967	52.96	9713.1
10801	91/02/28 12:58:00	356.367	239.967	52.96	9714.2
10861	91/02/28 14:58:00	358.367	241.967	52.96	9715.4
10921	91/02/28 16:58:00	360.367	243.967	52.96	9716.0
10981	91/02/28 18:58:00	362.367	245.967	52.96	9716.6
11041	91/02/28 20:58:00	364.367	247.967	52.96	9717.1
11101	91/02/28 22:58:00	366.367	249.967	52.96	9717.7
11161	91/03/01 00:58:00	368.367	251.967	52.96	9718.3
11221	91/03/01 02:58:00	370.367	253.967	52.96	9720.0
11281	91/03/01 04:58:00	372.367	255.967	52.96	9720.6
11341	91/03/01 06:58:00	374.367	257.967	52.96	9724.1
11401	91/03/01 08:58:00	376.367	259.967	52.96	9723.5
11461	91/03/01 10:58:00	378.367	261.967	52.96	9724.7
11521	91/03/01 12:58:00	380.367	263.967	52.96	9725.3
11581	91/03/01 14:58:00	382.367	265.967	52.96	9725.8
11641	91/03/01 16:58:00	384.367	267.967	52.96	9726.4
11701	91/03/01 18:58:00	386.367	269.967	52.96	9726.4
11761	91/03/01 20:58:00	388.367	271.967	52.96	9727.6
11821	91/03/01 22:58:00	390.367	273.967	52.96	9728.2

Date: 91/02/26 03:00 to 91/03/01 22:58 Acc time: 298.400 to 390.367 Page 5
Recorder: 20033

11881	91/03/02 00:58:00	392.367	275.967	52.96	9729.9
11941	91/03/02 02:58:00	394.367	277.967	52.96	9730.5
12001	91/03/02 04:58:00	396.367	279.967	52.96	9732.2
12061	91/03/02 06:58:00	398.367	281.967	52.96	9732.2
12121	91/03/02 08:58:00	400.367	283.967	52.96	9734.0
12181	91/03/02 10:58:00	402.367	285.967	52.96	9734.5
12241	91/03/02 12:58:00	404.367	287.967	52.96	9735.1
12301	91/03/02 14:58:00	406.367	289.967	52.96	9735.1
12361	91/03/02 16:58:00	408.367	291.967	52.96	9735.7
12421	91/03/02 18:58:00	410.367	293.967	52.96	9735.7
12481	91/03/02 20:58:00	412.367	295.967	52.96	9736.3
12541	91/03/02 22:58:00	414.367	297.967	52.96	9736.9
12601	91/03/03 00:58:00	416.367	299.967	52.96	9737.5
12661	91/03/03 02:58:00	418.367	301.967	52.96	9738.6
12721	91/03/03 04:58:00	420.367	303.967	52.96	9740.4
12781	91/03/03 06:58:00	422.367	305.967	52.96	9741.5
12841	91/03/03 08:58:00	424.367	307.967	52.96	9740.9

Recorders off bottom - 91/03/03 10:07:00