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Company: PARAMOUNT RESOURCES LTD.
Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65
Date of test: 1999 01 29 - 02 02
Test by TRI-ALTA BEWS SERVICES
Interp. by Cal-Scan Services Ltd.

TRI-ALTA BEWS SERVICES

SUMMARY

Company: PARAMOUNT RESOURCES LTD.
Date of test: 1999 01 29 - 02 02

Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65

JAN 29-16:22
JAN 29-21:00
FEB 02-19:00
FEB 02-19:38

ON BOTTOM
OPEN WELL
SHUT IN
OFF BOTTOM

Remarks:

Interpretation by CAL-SCAN SERVICES LTD.

TRI-ALTA BEWS SERVICES

Subsurface Pressure Measurements

Company: PARAMOUNT RESOURCES LTD.
Address: CALGARY, ALBERTA
Field & Pool: BERKLEY/SULPHUR POINT
Type of test: SINGLE POINT
Prod. Int CF: 2572.7 to 2594.7
Elev. (CF) 568.3 (KB) 574.6
Pool datum:

Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65
Status: GAS
Date of test: 1999 01 29 - 02 02
Prod. through: 88.9MM
Mid-point prod.int. CF: 2583.7
Datum depth of well CF:

Tubing pres: 10090
Casing pres: 7000
Temperature at run depth:

Shut in time: 1999 02 02 1900
On/off btm: 01 29-1622:00-02 02-1938:0
Surface temperature:

Note: All units in metric, depth in meters cf; pressure in KPAG

TOP RECORDER

Element serial#: 22437
Pressure Range: 0 to 37577
Cal. equation: $738.6 * DEFL - 3.2$
Latest calibration: 10-22-98
Clock range: 180 HOUR
Run depth (CF): 2553.2

BOTTOM RECORDER

Element serial#: 22436
Pressure range: 0 to 37750
Cal. equation: $741.5 * DEFL + 15.5$
Latest calibration: 10-22-98
Clock range: 180 HOUR
Run depth (CF): 2555

TOP RECORDER

BOTTOM RECORDER

COMMENT REAL TIME	DELTA TIME HOURS	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT
JAN 29-16:22	0.00	27.155	20036.5		27.000	20030.3	
ON BOTTOM	0.25	27.425	20235.8		27.315	20263.4	
16:52	0.50	27.745	20471.9		27.640	20503.9	
17:07	0.75	28.120	20748.8		27.990	20763.0	
17:22	1.00	28.440	20985.6		28.355	21033.6	
17:37	1.25	28.780	21237.1		28.740	21318.9	
17:52	1.50	29.090	21466.5		29.055	21552.5	
18:07	1.75	29.355	21662.6		29.305	21737.8	
18:22	2.00	29.610	21851.3		29.485	21871.2	
18:37	2.25	29.825	22010.4		29.730	22052.8	
18:52	2.50	30.035	22165.8		29.910	22186.3	
19:07	2.75	30.185	22276.8		30.100	22327.1	
19:22	3.00	30.380	22421.0		30.250	22438.3	
19:37	3.25	30.510	22517.2		30.400	22549.5	
19:52	3.50	30.665	22631.9		30.545	22657.0	
20:07	3.75	30.780	22717.0		30.670	22749.7	
20:22	4.00	30.890	22798.4		30.790	22838.6	
20:37	4.25	31.000	22879.8		30.870	22897.9	
20:52	4.50	31.070	22931.6		30.925	22938.7	
20:60	4.63	31.090	22946.4		30.945	22953.5	
JAN 29-21:00	0.00	31.090	22946.4		30.945	22953.5	
OPEN WELL	0.25	28.310	20889.4		28.090	20837.1	

TRI-ALTA BEWS SERVICES

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Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65

TOP RECORDER
Element serial#: 22437
Run Depth (CF): 2553.2

BOTTOM RECORDER
Element serial#: 22436
Run depth (CF): 2555

COMMENT REAL TIME	DELTA TIME HOURS	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT
21:30	0.50	27.155	20036.5		27.140	20133.9	
21:45	0.75	26.190	19324.5		26.275	19493.8	
22:00	1.00	25.590	18881.7		25.410	18853.8	
22:15	1.25	24.980	18431.6		24.820	18417.2	
22:30	1.50	24.445	18036.9		24.380	18091.6	
22:45	1.75	23.745	17520.3		23.615	17525.6	
23:00	2.00	22.715	16760.3		22.675	16830.0	
23:15	2.25	21.565	15911.8		21.600	16034.6	
23:30	2.50	20.435	15077.9		20.560	15265.0	
23:45	2.75	19.930	14705.3		19.745	14662.0	
00:00	3.00	19.535	14413.9		19.460	14451.1	
00:15	3.25	19.285	14229.4		19.255	14299.4	
00:30	3.50	19.040	14048.6		18.990	14103.3	
00:45	3.75	18.895	13941.6		18.840	13992.3	
01:00	4.00	19.980	14742.2		20.160	14969.1	
01:15	4.25	20.810	15354.7		20.880	15501.8	
01:30	4.50	21.470	15841.7		21.460	15931.0	
01:45	4.75	21.615	15948.7		21.540	15990.2	
02:00	5.00	21.620	15952.3		21.460	15931.0	
02:15	5.25	21.525	15882.2		21.395	15882.9	
02:30	5.50	21.470	15841.7		21.400	15886.6	
02:45	5.75	21.510	15871.2		21.475	15942.1	
03:00	6.00	21.600	15937.6		21.575	16016.1	
03:15	6.25	21.760	16055.6		21.765	16156.7	
03:30	6.50	21.970	16210.6		21.970	16308.4	
03:45	6.75	22.215	16391.4		22.215	16489.7	
04:00	7.00	22.460	16572.2		22.575	16756.0	
04:15	7.25	22.865	16871.0		22.950	17033.5	
04:30	7.50	23.240	17147.7		23.350	17329.5	
04:45	7.75	23.830	17583.1		23.760	17632.9	
05:00	8.00	20.980	15480.1		20.825	15461.1	
05:15	8.25	17.925	13227.4		17.720	13163.5	
05:30	8.50	17.220	12708.7		16.905	12560.3	
05:45	8.75	16.505	12182.5		16.210	12045.9	
06:00	9.00	15.580	11501.9		15.685	11657.4	
06:15	9.25	14.995	11071.4		14.865	11050.5	
06:30	9.50	14.660	10824.9		14.620	10869.2	
06:45	9.75	14.760	10898.5		14.835	11028.3	
07:00	10.00	14.925	11019.9		15.000	11150.4	
07:15	10.25	15.090	11141.3		15.105	11228.1	
07:30	10.50	15.120	11163.4		15.110	11231.8	
07:45	10.75	14.435	10659.3		14.510	10787.7	
08:00	11.00	13.660	10089.1		13.560	10084.6	
08:15	11.25	12.440	9191.3		12.585	9363.0	
08:30	11.50	11.640	8602.7		11.750	8745.1	
08:45	11.75	11.225	8297.3		11.230	8360.2	

TRI-ALTA BEWS SERVICES

Company: PARAMOUNT RESOURCES LTD.
Date of test: 1999 01 29 - 02 02

Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65

TOP RECORDER
Element serial#: 22437
Run Depth (CF): 2553.2

BOTTOM RECORDER
Element serial#: 22436
Run depth (CF): 2555

COMMENT REAL TIME	DELTA TIME HOURS	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT
09:00	12.00	12.450	9198.7		12.455	9266.8	
09:15	12.25	12.615	9320.1		12.600	9374.1	
09:30	12.50	12.705	9386.3		12.710	9455.6	
09:45	12.75	12.810	9463.6		12.805	9525.9	
10:00	13.00	12.895	9526.2		12.890	9588.8	
10:15	13.25	12.980	9588.7		12.975	9651.7	
10:30	13.50	13.085	9666.0		13.070	9722.0	
10:45	13.75	13.150	9713.8		13.160	9788.6	
11:00	14.00	13.235	9776.3		13.240	9847.8	
11:15	14.25	13.330	9846.2		13.325	9910.7	
11:30	14.50	13.410	9905.1		13.390	9958.8	
11:45	14.75	13.490	9964.0		13.485	10029.1	
12:00	15.00	13.570	10022.8		13.575	10095.7	
12:15	15.25	13.660	10089.1		13.650	10151.3	
12:30	15.50	13.710	10125.9		13.715	10199.4	
12:45	15.75	13.760	10162.7		13.760	10232.7	
13:00	16.00	9.190	6799.4		9.285	6920.7	
13:15	16.25	8.240	6096.5		8.360	6231.4	
13:30	16.50	7.945	5878.2		7.955	5929.5	
13:45	16.75	7.720	5711.8		7.755	5780.5	
14:00	17.00	7.670	5674.8		7.705	5743.2	
14:15	17.25	7.405	5478.7		7.415	5527.0	
14:30	17.50	7.160	5297.4		7.125	5310.9	
14:45	17.75	6.890	5097.7		6.905	5146.9	
15:00	18.00	6.720	4971.9		6.740	5023.9	
15:15	18.25	6.615	4894.2		6.670	4971.7	
15:30	18.50	6.560	4853.5		6.615	4930.7	
15:45	18.75	6.720	4971.9		6.845	5102.2	
16:00	19.00	6.980	5164.3		7.175	5348.1	
16:15	19.25	7.230	5349.2		7.285	5430.1	
16:30	19.50	7.050	5216.0		7.270	5418.9	
16:45	19.75	7.640	5652.6		7.855	5855.0	
17:00	20.00	7.970	5896.7		8.215	6123.3	
17:15	20.25	8.445	6248.2		8.550	6373.0	
17:30	20.50	8.825	6529.3		8.830	6581.7	
17:45	20.75	9.125	6751.3		9.180	6842.6	
18:00	21.00	9.425	6972.8		9.485	7068.7	
18:15	21.25	9.740	7204.6		9.825	7320.4	
18:30	21.50	10.045	7429.0		10.115	7535.0	
18:45	21.75	10.425	7708.6		10.410	7753.3	
19:00	22.00	10.750	7947.8		10.775	8023.5	
19:15	22.25	11.090	8198.0		11.125	8282.5	
19:30	22.50	11.445	8459.2		11.480	8545.2	
19:45	22.75	11.860	8764.6		11.920	8870.9	
20:00	23.00	12.255	9055.2		12.260	9122.5	
20:15	23.25	12.615	9320.1		12.540	9329.7	

TRI-ALTA BEWS SERVICES

Company: PARAMOUNT RESOURCES LTD.
Date of test: 1999 01 29 - 02 02

Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65

TOP RECORDER
Element serial#: 22437
Run Depth (CF): 2553.2

BOTTOM RECORDER
Element serial#: 22436
Run depth (CF): 2555

COMMENT REAL TIME	DELTA TIME HOURS	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT
20:30	23.50	12.905	9533.5		12.885	9585.1	
20:45	23.75	13.040	9632.9		13.065	9718.3	
21:00	24.00	10.310	7624.0		10.650	7930.9	
21:15	24.25	9.300	6880.7		9.480	7065.0	
21:30	24.50	8.710	6444.2		8.580	6395.4	
21:45	24.75	8.150	6029.9		8.060	6007.8	
22:00	25.00	7.550	5586.0		7.565	5638.8	
22:15	25.25	7.200	5327.0		7.340	5471.1	
22:30	25.50	7.135	5278.9		7.160	5336.9	
22:45	25.75	7.135	5278.9		7.160	5336.9	
23:00	26.00	6.965	5153.2		7.000	5217.7	
23:15	26.25	6.680	4942.3		6.515	4856.2	
23:30	26.50	5.910	4372.6		5.980	4457.4	
23:45	26.75	5.370	3973.1		5.405	4028.8	
00:00	27.00	5.085	3762.2		5.155	3842.5	
00:15	27.25	4.915	3636.4		4.940	3682.2	
00:30	27.50	4.785	3540.3		4.810	3585.3	
00:45	27.75	4.685	3466.3		4.710	3510.8	
01:00	28.00	4.590	3396.0		4.645	3462.3	
01:15	28.25	4.515	3340.5		4.595	3425.0	
01:30	28.50	4.450	3292.4		4.535	3380.3	
01:45	28.75	4.435	3281.3		4.475	3335.6	
02:00	29.00	4.400	3255.4		4.475	3335.6	
02:15	29.25	4.410	3262.8		4.475	3335.6	
02:30	29.50	4.425	3273.9		4.480	3339.3	
02:45	29.75	4.430	3277.6		4.500	3354.2	
03:00	30.00	4.450	3292.4		4.510	3361.7	
03:30	30.50	4.495	3325.7		4.550	3391.5	
04:00	31.00	4.520	3344.2		4.600	3428.8	
04:30	31.50	4.580	3388.6		4.655	3469.8	
05:00	32.00	4.635	3429.3		4.715	3514.5	
05:30	32.50	4.670	3455.2		4.730	3525.7	
06:00	33.00	4.725	3495.9		4.780	3562.9	
06:30	33.50	4.760	3521.8		4.810	3585.3	
07:00	34.00	4.790	3544.0		4.830	3600.2	
07:30	34.50	4.815	3562.4		4.870	3630.0	
08:00	35.00	4.840	3580.9		4.870	3630.0	
08:30	35.50	4.840	3580.9		4.870	3630.0	
09:00	36.00	4.840	3580.9		4.870	3630.0	
09:30	36.50	4.840	3580.9		4.870	3630.0	
10:00	37.00	4.840	3580.9		4.885	3641.2	
10:30	37.50	4.840	3580.9		4.885	3641.2	
11:00	38.00	4.820	3566.1		4.885	3641.2	
11:30	38.50	4.820	3566.1		4.870	3630.0	
12:00	39.00	4.815	3562.4		4.865	3626.3	
12:30	39.50	4.825	3569.8		4.855	3618.8	

TRI-ALTA BEWS SERVICES

Company: PARAMOUNT RESOURCES LTD.
Date of test: 1999 01 29 - 02 02

Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65

TOP RECORDER
Element serial#: 22437
Run Depth (CF): 2553.2

BOTTOM RECORDER
Element serial#: 22436
Run depth (CF): 2555

COMMENT REAL TIME	DELTA TIME HOURS	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT
13:00	40.00	4.825	3569.8		4.855	3618.8	
13:30	40.50	4.825	3569.8		4.860	3622.6	
14:00	41.00	4.835	3577.2		4.870	3630.0	
14:30	41.50	4.835	3577.2		4.870	3630.0	
15:00	42.00	4.835	3577.2		4.880	3637.5	
15:30	42.50	4.835	3577.2		4.875	3633.7	
16:00	43.00	4.835	3577.2		4.860	3622.6	
16:30	43.50	4.815	3562.4		4.845	3611.4	
17:00	44.00	4.795	3547.7		4.820	3592.7	
17:30	44.50	4.795	3547.7		4.820	3592.7	
18:00	45.00	4.795	3547.7		4.820	3592.7	
18:30	45.50	4.805	3555.1		4.830	3600.2	
19:00	46.00	4.805	3555.1		4.830	3600.2	
19:30	46.50	4.805	3555.1		4.830	3600.2	
20:00	47.00	4.805	3555.1		4.830	3600.2	
20:30	47.50	4.790	3544.0		4.820	3592.7	
21:00	48.00	4.780	3536.6		4.820	3592.7	
21:30	48.50	4.775	3532.9		4.805	3581.6	
22:00	49.00	4.740	3507.0		4.765	3551.8	
22:30	49.50	4.715	3488.5		4.730	3525.7	
23:00	50.00	4.685	3466.3		4.715	3514.5	
23:30	50.50	4.670	3455.2		4.705	3507.0	
00:00	51.00	4.670	3455.2		4.705	3507.0	
00:30	51.50	4.670	3455.2		4.705	3507.0	
01:00	52.00	4.670	3455.2		4.710	3510.8	
01:30	52.50	4.670	3455.2		4.710	3510.8	
02:00	53.00	4.670	3455.2		4.710	3510.8	
02:30	53.50	4.670	3455.2		4.710	3510.8	
03:00	54.00	4.680	3462.6		4.710	3510.8	
03:30	54.50	4.680	3462.6		4.710	3510.8	
04:00	55.00	4.690	3470.0		4.720	3518.2	
04:30	55.50	4.690	3470.0		4.720	3518.2	
05:00	56.00	4.690	3470.0		4.720	3518.2	
05:30	56.50	4.690	3470.0		4.720	3518.2	
06:00	57.00	4.690	3470.0		4.730	3525.7	
06:30	57.50	4.690	3470.0		4.730	3525.7	
07:00	58.00	4.690	3470.0		4.730	3525.7	
07:30	58.50	4.675	3458.9		4.695	3499.6	
08:00	59.00	4.630	3425.6		4.660	3473.5	
08:30	59.50	4.570	3381.2		4.610	3436.2	
09:00	60.00	4.530	3351.6		4.565	3402.7	
09:30	60.50	4.635	3429.3		4.620	3443.7	
10:00	61.00	4.920	3640.1		4.870	3630.0	
10:30	61.50	5.910	4372.6		5.550	4136.9	
11:00	62.00	6.910	5112.5		6.750	5031.3	
11:19	62.32	7.100	5253.0		7.125	5310.9	

TRI-ALTA BEWS SERVICES

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Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65

TOP RECORDER
Element serial#: 22437
Run Depth (CF): 2553.2

BOTTOM RECORDER
Element serial#: 22436
Run depth (CF): 2555

COMMENT REAL TIME	DELTA TIME HOURS	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT	DEFL mm	PRESSURE RUNDEPTH	PRESSURE MIDPNT
11:30	62.50	6.595	4879.4		6.675	4975.4	
12:00	63.00	5.900	4365.2		6.005	4476.0	
12:30	63.50	5.105	3777.0		5.230	3898.4	
13:00	64.00	4.575	3384.9		4.670	3480.9	
13:30	64.50	4.430	3277.6		4.440	3309.5	
14:00	65.00	4.305	3185.1		4.290	3197.7	
14:30	65.50	4.215	3118.5		4.230	3153.0	
15:00	66.00	4.150	3070.4		4.175	3112.0	
15:30	66.50	4.130	3055.6		4.150	3093.3	
16:00	67.00	4.130	3055.6		4.150	3093.3	
16:30	67.50	4.175	3088.9		4.165	3104.5	
17:00	68.00	4.185	3096.3		4.200	3130.6	
17:30	68.50	4.200	3107.4		4.220	3145.5	
18:00	69.00	4.240	3137.0		4.250	3167.9	
18:30	69.50	4.260	3151.8		4.280	3190.2	
19:00	70.00	4.300	3181.4		4.315	3216.3	
19:30	70.50	4.330	3203.6		4.340	3235.0	
20:00	71.00	4.360	3225.8		4.360	3249.9	
20:30	71.50	4.380	3240.6		4.380	3264.8	
21:00	72.00	4.400	3255.4		4.400	3279.7	
22:00	73.00	4.430	3277.6		4.435	3305.8	
23:00	74.00	4.460	3299.8		4.460	3324.4	
00:00	75.00	4.485	3318.3		4.480	3339.3	
01:00	76.00	4.505	3333.1		4.490	3346.8	
02:00	77.00	4.525	3347.9		4.515	3365.4	
03:00	78.00	4.530	3351.6		4.525	3372.9	
04:00	79.00	4.530	3351.6		4.530	3376.6	
05:00	80.00	4.540	3359.0		4.530	3376.6	
06:00	81.00	4.550	3366.4		4.530	3376.6	
07:00	82.00	4.550	3366.4		4.545	3387.8	
08:00	83.00	4.550	3366.4		4.555	3395.2	
09:00	84.00	4.560	3373.8		4.555	3395.2	
10:00	85.00	4.585	3392.3		4.560	3398.9	
11:00	86.00	4.595	3399.7		4.585	3417.6	
12:00	87.00	4.610	3410.8		4.600	3428.8	
13:00	88.00	4.610	3410.8		4.600	3428.8	
14:00	89.00	4.610	3410.8		4.600	3428.8	
15:00	90.00	4.610	3410.8		4.600	3428.8	
16:00	91.00	4.610	3410.8		4.600	3428.8	
17:00	92.00	4.610	3410.8		4.600	3428.8	
18:00	93.00	4.630	3425.6		4.615	3439.9	
19:00	94.00	4.665	3451.5		4.620	3443.7	
FEB 02-19:00	0.00	4.665	3451.5		4.620	3443.7	
SHUT IN	0.25	5.420	4010.1		5.500	4099.6	
19:30	0.50	6.050	4476.2		6.130	4569.2	
FEB 02-19:38	0.63	6.270	4639.0		6.345	4729.5	
OFF BOTTOM	0.00	6.270	4639.0		6.345	4729.5	

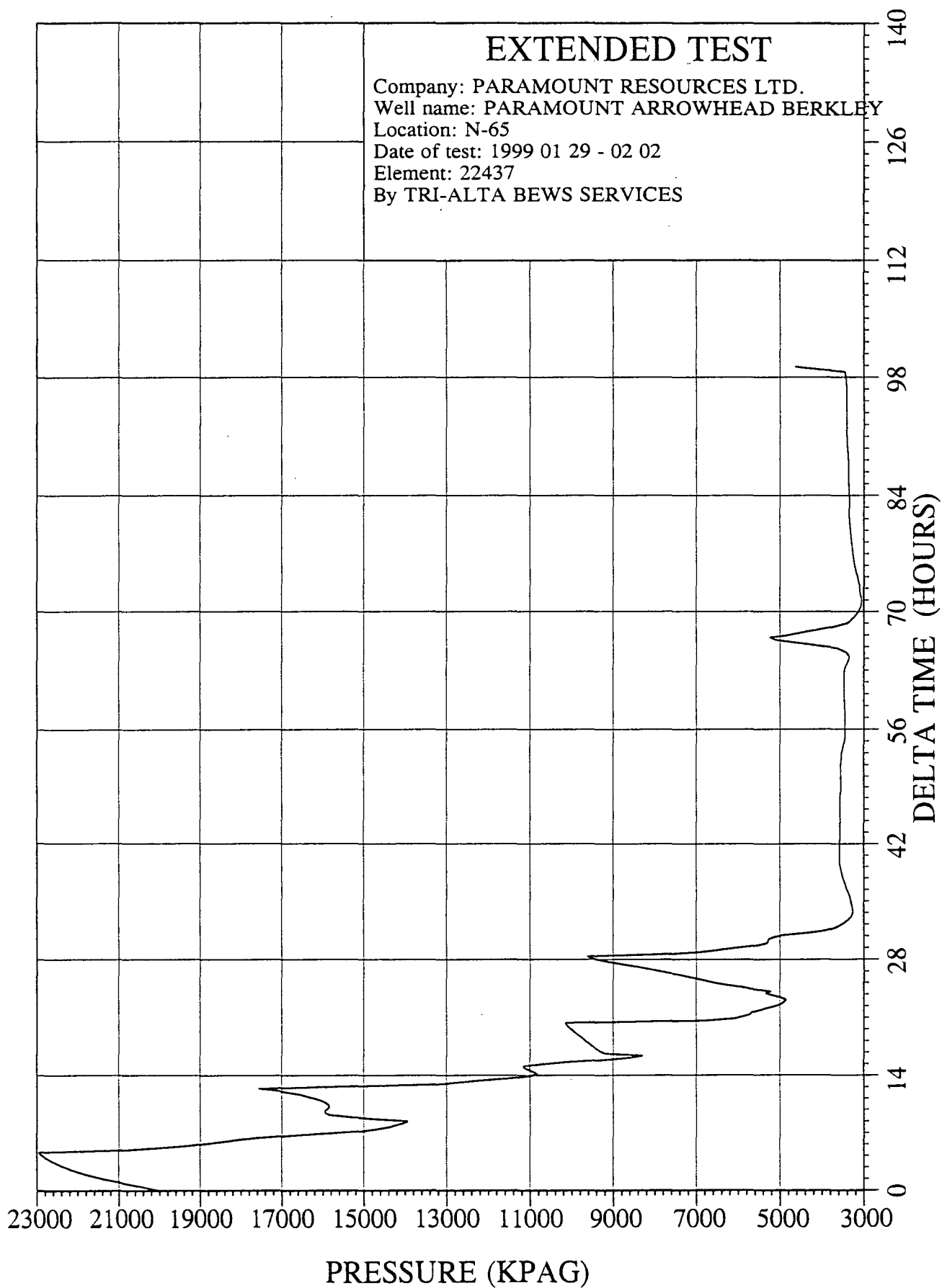
Remarks:

Test by: MILT

Interpretation by CAL-SCAN SERVICES LTD.

EXTENDED TEST

Company: PARAMOUNT RESOURCES LTD.
Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65
Date of test: 1999 01 29 - 02 02
Element: 22437
By TRI-ALTA BEWS SERVICES



EXTENDED TEST

Company: PARAMOUNT RESOURCES LTD.
Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65
Date of test: 1999 01 29 - 02 02
Element: 22436
By TRI-ALTA BEWS SERVICES

