

N.E.B. COPY

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

TRI-ALTA BEWS SERVICES

Subsurface Pressure Measurements

Company: PARAMOUNT RESOURCES LTD.
Address: CALGARY, ALBERTA
Field & Pool: BERKLY/SLAVE POINT
Type of test: STATIC GRADIENT
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
Prod. through: 88.9 MM TUBING
Mid-point prod.int. CF: 2583.7
Datum depth of well CF:

Tubing pres: 10090.0
Casing pres: 7000.0
Temperature at run depth: 112.0 C

Shut in time:
On bottom/off bottom: 1357:00-1403:00
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: 3 HOUR

Run depth (CF): 2553.2
Grad. at run depth: 9.866
Pres. at run depth: 22783.6
Pres. at mid point perf.: 23084.5
Pres. at datum depth:

Depth m	Defl mm	Pressure KPAG	Gradient KPAG/m
-1.8	13.700	10118.5	
-1.8	13.650	10081.7	
498.2	14.570	10758.7	1.354
998.2	15.400	11369.4	1.221
1498.2	18.350	13540.2	4.341
1998.2	23.800	17560.9	8.042
2493.2	30.070	22191.7	9.355
2523.2	30.470	22487.6	9.866
2553.2	30.870	22783.6	9.866

Fluid level at 1269.5 mcf
Final surface flex:10067.0 KPAG

BOTTOM RECORDER

Element serial#: 22436
Pressure range: 0 to 37750
Cal. equation: 741.5 * DEFL +15.5
Latest calibration: 10-22-98
Clock range: 3 HOUR

Run depth (CF): 2555
Grad. at run depth: 9.884
Pres. at run depth: 22809.0
Pres. at mid point perf.: 23092.6
Pres. at datum depth:

Depth m	Defl mm	Pressure KPAG	Gradient KPAG/m
0.0	13.600	10114.2	
0.0	13.530	10062.4	
500.0	14.460	10750.7	1.377
1000.0	15.270	11350.2	1.199
1500.0	18.220	13533.5	4.367
2000.0	23.660	17558.9	8.051
2495.0	29.950	22215.9	9.408
2525.0	30.350	22512.4	9.884
2555.0	30.750	22809.0	9.884

Fluid level at 1268.8 mcf
Final surface flex:10047.6 KPAG

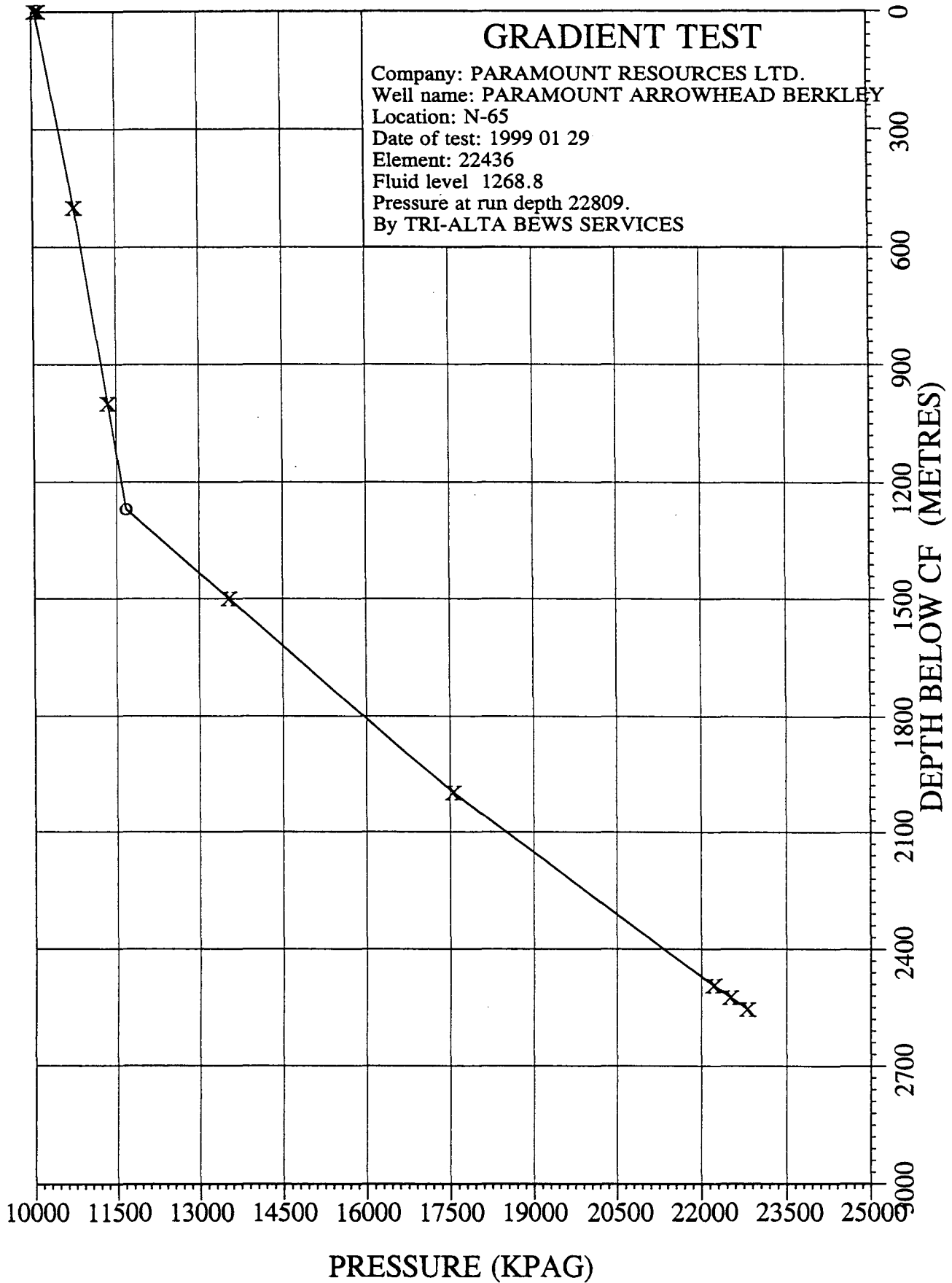
Remarks:

Test by: MILT

Interpretation by CAL-SCAN SERVICES LTD.

GRADIENT TEST

Company: PARAMOUNT RESOURCES LTD.
Well name: PARAMOUNT ARROWHEAD BERKLEY
Location: N-65
Date of test: 1999 01 29
Element: 22436
Fluid level 1268.8
Pressure at run depth 22809.
By TRI-ALTA BEWS SERVICES



GRADIENT TEST

Company: PARAMOUNT RESOURCES LTD.
Well name: PARAMOUNT ARROWHEAD BERKLEY
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Date of test: 1999 01 29
Element: 22437
Fluid level 1269.5
Pressure at run depth 22783.6
By TRI-ALTA BEWS SERVICES

