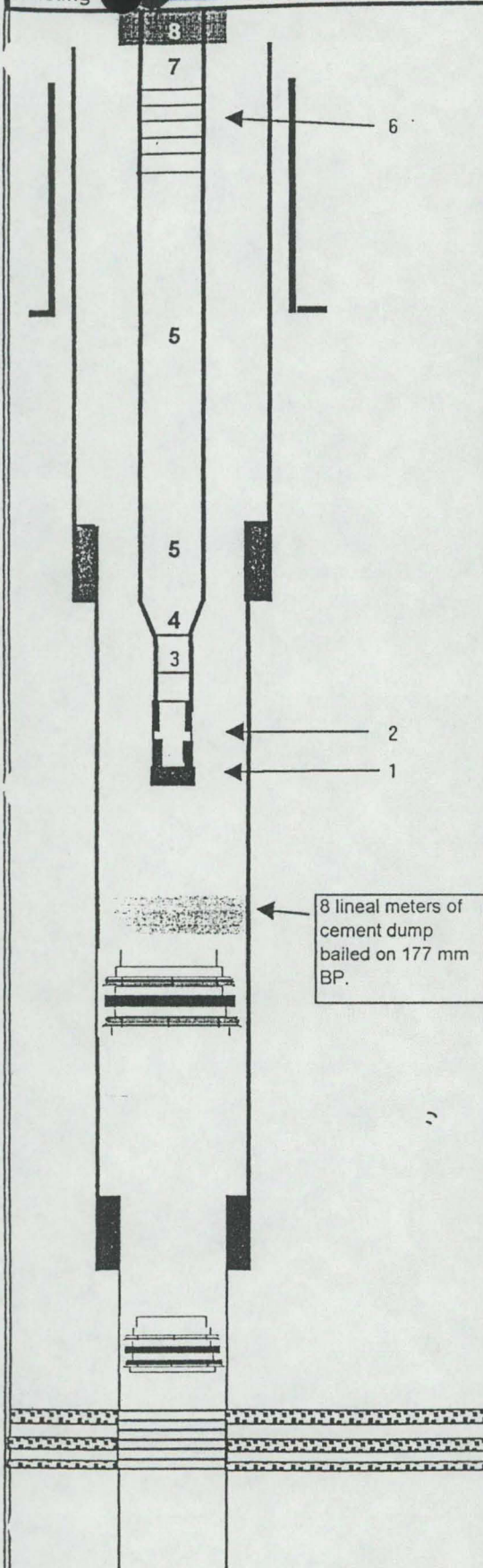


PARAMOUNT RESOURCES LTD.

DOWNHOLE DIAGRAM

Existing



WELL NAME: Paramount et al Arrowhead

Prepared by: John Stroh / Randy Hemmingsen

Date 98/03/24

Elevations:

KB (m) 574.60 KB to CF [m] 6.90 TD [m] 2925.00

GL (m) 567.90 PBTD [m] 2821.43 KB to TF 6.30

Tubulars Size [mm] Wt - Kg/m Grade No Jts. Landing Depth [m]

Surface Casing 339.70 81.10 J-55, ST&C 480.00

Intermed. Casing 244.50 64.74 L80, LT&C 1890.00

Product. Casing 177.80 38.69 MN80, LT&C 2529.00

Product Liner 139.70 25.30 L80 FLUSH HYDRIL 2856.09

Production Tbg. 88.90 13.84 J-55 234.00 2190.00

Wellhead Description:

Make / Type: ABB Vetco Gray, Flowing style, 2 - Master valves, 1 - Wing valve (choke)

Size / Rating : 2 - 35 Mpa 79 mm ID gate valves, 2 - 35 Mpa 50.8 mm ID Csg valves

Tbg. String: (m) (m)

Date of Tubing Description: Length Top @

ITEM Description K.B.-Tbg. Flg. 6.3 KB Depth

1 73 mm collar 0.13 2222.56

2 73 mm XN nipple, C/W 58.75 mm profile, 56.01 mm NOGC 0.31 2222.25

3 2 - 73 mm J-55 pup Jts. (3.07, 3.07) 6.14 2216.11

4 73 mm x 89 mm swage 0.14 2215.97

5 233 - 88.9 mm J-55, 13.84 kg/m Tbg. 2190.88 25.09

6 5 - 88.9 mm pup Jts. (.61, 1.21, 1.82, 2.43, 3.04 m) 9.11 15.98

7 1 - 88.9 mm J-55, 13.84 kg/m Tbg. 9.47 6.51

8 1 - 88.9 mm EUE Tbg hanger 0.21 6.30

6.30

6.30

6.30

6.30

6.30

Bottom of Tubing mKB 2222.69

NOTES

Csg & Tbg inhibited with fresh water. Both sides topped off with diesel.

Cement in 139.7 mm Csg had been drilled to a depth of 2821.43 mKB.

Parts of 139 mm retainer sitting @ 2799.1 mKB.

139.7 mm BP set @ 2768.0 mKB

177.8 mm BP set @ 2270.0 mKB. Topped with 8 lineal meters of class G oilwell cement

Perforations:

Zone Nahanni Interval : 2777 - 2782, 2788 - 2790, 2791 - 2792 mKB.

Zone Interval :

Zone Interval :

Stimulation : 15 m³ of Nitrified 15% HCL w/ balls.