

RFT-GAS AND LIQUID SAMPLE REPORT SHEET

Date 20 November 1992

Observer J Reeve

Depth 1436.25m

Well: KING 1 RFT Run No: 2 Setting No: 1

Performance: Valid

Failure Reason for Failure _____

Chamber Vol: 18.9 litre (5 gallon) Choke Size 2560 lohm, Snorkel 0.859" and sand screen

9.8 litre (2.6 gallon) Water Cushion Yes No

4.5 litre (3 x 1.2 gallon) Segregated Yes No

Pressure Gauge: Hewlett Packard
Strain Gauge Pressures are Temperature Yes No
corrected

Temperature at Sampling Point 62°C Measured Calculated

Times: Tool Set 14.00 Sampling Chamber Opened 1407 (Time to Fill 8 min)
Chamber Full 14.15

Pressures Initial Hydrostatic P IHP = 2409 psig = 16608 kPa = 11.56 kPa/m
Initial Shut-in P ISIP = 2095.5 psig = 14446 kPa
Initial Flowing P IFP = 1948.0 psig = 13429 kPa
Final Flowing P FFP = 1948.0 psig = 13429 kPa
Final Shut-in P FSIP = 2095 psig = 14443 kPa = 10.21 kPa/m
Extrapolated Shut-in P = _____ psig = _____ kPa = _____ kPa/m
Final Hydrostatic P FHP = 2410 psig = 16615 kPa

Recovery Surface Pressure (Cylinder) = 0 psi = _____ kPa

Total Gas 0 Cu Ft 0 m3 GOR -:1

Chromatographic Analysis (in ppm)

Sample	C ₁	C ₂	C ₃	C ₄	C ₅	CO ₂ /H ₂ S
1	-	---	---	---	---	---
2	-	---	---	---	---	---
3	-	---	---	---	---	---

Oil Condensate _____ cc _____ API at _____ °C
Colour _____ Flour Colour _____
Water 9.8 L Colour Cloudy Mud - L Colour _____
Filtrate _____ L Colour _____ Mud/Filtrate _____ L Colour _____

Recovered Water

Mud Properties - Last Circulation

R_{rec} 0.385 at 23.55 °C R_{mf} 0.945 at 18 °C
R_m 1.018 at 19 °C
Calculated Cl NaCl 15500 ppm eq NaCl 7000 ppm
Titrated Cl 13000 ppm 3500 ppm
Tracer NO₃ 50 ppm 250 ppm
pH 8.0 9.5
Wt ~1020 kg/m3 1147 kg/m3

Samples and Shipping 2 x 1 litre water.

Remarks Tool retract 14.25. Line to Petro quartz plugged. Pressures are in psig from strain gauge. Flowing pressure to the 5 gallon chamber is too high and cannot be choked back more. This causes the shear pin to the 2.6 gallon chambers to shear immediately and before the 5 gallon fills.