

SAGASCO RESOURCES LIMITED

297179

RFT-GAS AND LIQUID SAMPLE REPORT SHEET

Date 20 November 1992
 Observer J Reeve
 Depth 1460.0m

Well: KING 1 RFT Run No: 3 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 64.3°C Measured Calculated

Times: Tool Set 18.42 Sampling Chamber Opened 18.46 (Time to Fill 8 min)
 Chamber Full 18.54

Pressures Initial Hydrostatic P IHP = 2451 psig = 16897 kPa = 11.57 kPa/m
 Initial Shut-in P ISIP = 2128.5 psig = 14674 kPa
 Initial Flowing P IFP = 2071 psig = 14277 kPa
 Final Flowing P FFP = 2076 psig = 14312 kPa
 Final Shut-in P FSIP = 2180 psig = 14684 kPa = 10.21 kPa/m
 Extrapolated Shut-in P = _____ psig = _____ kPa = _____ kPa/m
 Final Hydrostatic P FHP = 2452.0 psig = 16904 kPa

Recovery Surface Pressure (Cylinder) = 350 psi = 2413 kPa

Total Gas ~0.5 Cu Ft 0.014 m3 GOR -:1

Chromatographic Analysis (in ppm)

Sample	C ₁	C ₂	C ₃	C ₄	C ₅	CO ₂ /H ₂ S
1	<u>2364</u>	<u>83</u>	<u>0</u>	<u>0</u>	<u>49</u>	<u>-</u>
2	<u>1076</u>	<u>32</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
3	<u>42000</u>	<u>3900</u>	<u>450</u>	<u>-</u>	<u>-</u>	<u>-</u>

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} 0.24 at 22.7 °C R_{mf} 0.945 at 18 °C
 R_m 1.018 at 19 °C
 Calculated Cl Na Cl 26000 ppm eq NaCl 7000 ppm
 Titrated Cl 22000 ppm 3500 ppm
 Tracer NO₃ 25 ppm 250 ppm
 pH 7 9.5
 Wt ~1020 kg/m3 1147 kg/m3

Samples and Shipping 2 x 1 litre water. 1 gas bomb at atmospheric.

Remarks Tool retracted 19.00 Petro quartz gauge failed just prior to taking pre test. Shear pin again sheared immediately before the 5 gallon chamber filled. This was believed to be again due to insufficient choking to the chamber.