Max R Lovely

GEOLOGICAL SERVICE REPORT

Rig Number: 3
Drilling Contractor: Ritchie Exploration
Rig Type: Mobile 84
Spud Date: 7-JAN-14
Rig Release: 31-JAN-14
Drilling Completed: 30-JAN-14
Surface Coordinates: 2044.4 FNL 2041.7 FWL
Bottom Hole Coordinates: 2044.4 FNL 2041.7 FWL
Ground Elevation: 2041 m
K.B. Elevation: 2056 m
Logged Interval: 2550 m To 5000 m
Total Depth: 5000 m
Formation at Total Depth: Slave Point
Type of Drilling Fluid: Water Based Mud
Operator's Engineer: Jeff Chorney
Mud Engineer: Wayne Gilbert
Mud Weight: 1100 kg/m³ To 1200 kg/m³
Viscosity: 30 s/l To 65 s/l
Water Loss: 16 cc To 8 cc
Flow Line: 35 °C
Max. Rec. Temp.: 105 °C
Time Since Circ.: 12 hrs
Max. Rec. Temp. Depth: 4900 m
Equipment: KS 37W
Location: 07-31-114-20-W6M

Remarks:

LEGEND

Anhydrite, Salt, Sandstone, Shale, Tuff, Limestone, Dolo.Lime, Clays, Dolomite

DRILLING TIME IN MINUTES PER FOOT
Rate of Penetration, Decimeter
0" 1/2" 1" 1 1/2" 2" 3"
Meters

DEPTH | LITHOLOGY | SAMPLE DESCRIPTIONS | SAMPLE NO. | REMARKS

2550 Beaverhill Lake Top

3500

3600

3700

3800

3900

4000 Watt Mtn. Top

4100

4200

4300

4400

4500

4600

4700

4800

4900

5000

TD