

Logging Suite Number: 1
Wireline Logging Company: Schlumberger
District: Port Alabaster
Witness: R.W. (Bob) Sephton
Engineer: Pascal Sunrise
Unit Number: 704

Was Pressure Control Equipment Utilized: No
Was the Logging Job Mechanically Assisted: Yes
Maximum Deviation: 91.500 °
Hole Size: 159.0

Total Lost Time: 0.00
Loggers' Total Down Time: 0.00
Total Job Time (From Rig up to Rig down): 16.50

	Measured Depth	True Vertical Depth
Casing Depth Driller	512.00	381.22
Casing Depth Logger	512.00	381.22
Total Depth Driller (Tally)	1,037.00	385.74
Total Depth Driller (Strap or SLM)	1,036.50	

General Remarks: This was a pipe conveyed log job (TLC). The entire wellbore could not be logged on one pass as it is not allowed to have the crossover latch in the openhole and there is not enough casing to get the logs out far enough into the drain section of the hole.

Logging Run #: 1
Date: Mar 7, 2001

Drilling Fluid Data

Drilling Fluid Type: Visplex MMH Mix Mtl Hydroxide
Fluid Density: 1110.0 **Viscosity:** 58 **pH:** 10.3 **Fluid Loss:** 7.0

Mud Resistivity (Rm): 0.46 @ 36.0 °
Mud Resistivity (Rm) @ BHT: 0.44 @ 39.0 ° **Maximum Temperature:** 39.0 °
Mud Filtrate Resistivity (Rmf): 0.34 @ 30.0 ° **Source (Rmf):** Flowline
Mud Cake Resistivity (Rmc): 0.71 @ 32.0 ° **Source (Rmc):** Flowline

Logging Run Information

Date on Bottom: Mar 8, 2001
Total Depth Logger: 991.00 (MD) 384.21 (TVD)

Logging Tools: LDL - CNL - NGS - AMS from 991m to 510m (2m into Int. Csg.).
 FMS - GR - AMS from 991m to 510m (2m into Int. Csg.).

Remarks: This was a pipe conveyed log job (TLC). The entire wellbore could not be logged on one pass as it is not allowed to have the crossover latch in the openhole and there is not enough casing to get the logs out far enough into the drain section of the hole.

Hole Conditions: Good, No significant problems with the exception of the BHA trip prior to terminating the hole. Hole was good on wiper trip and logged well.