

BIT # 32 SMITH F3 8 1/2" (2*13)

After reaming the last three stands down, drilled ahead with WOB 30-35 klbs, RPM 60 and torque was constant: 13-2100 ft.lbs. Drilling was slow and averaged 8 ft/hr. Possible basement quartzites were encountered at 11270 ft and the bit was pulled out at 11296 ft, 1/4" out of gauge.

BIT # 33 SMITH F7 8 1/2" (2*12)

Reamed down last four stands and drilled ahead with WOB 35-40 klbs, the RPM began at 45 and increased to 60, torque remaining constant at 20-2100 ft.lbs. ROP was very slow averaging less than 6 ft/hr (during initial stage less than 2 ft/hr). The bit was pulled out at 11420 ft for coring.

BIT # 34 CORE EH STAR 8 1/2" (TFA .45)

Eight feet of formation was cored from 11420 to 11428 ft. WOB started at 12 klbs and was increased up to 20-22 klbs, RPM of 50, torque increased during coring: 2200-2800 ft.lb. ROP was very slow averaging 1.8 ft/hr. Due to increasing pressure and torque the core barrel and bit were pulled out at 11428 ft. 4.5 ft (70% recovery) of the core was recovered.

BIT # 35 SMITH F57 8 1/2" (3*12)

Drilled ahead with WOB 30 klbs, RPM 60, torque constant at 20-2100 ft.lb. ROP was slow averaging 6 ft/hr. The bit was pulled out at 11576 ft and Schlumberger rigged up to perform a full logging program.