

466024

BIT # 27 SMITH F4 8 1/2" (2*14)

During the bit run WOB 40 klbs, RPM 55, ROP was slow and averaged 11 ft/hr. At 10110ft. Hydrogen appeared as a constant background and C1, C2 and C3 were present in low percentages and iC4, nC4 as traces when the cutting samples were treated in a blender. Some free oil was also identified using a solvent cut and under UV lighting. Oil and gas shows persisted throughout the run. The bit was pulled out at 10195ft.

BIT # 28 SMITH F2 8 1/2" (2*14)

During the bit run WOB 35-40 klbs, RPM 65, ROP progressed slowly and averaged 13.5 ft/hr. Oil and gas shows continued over the run. The bit was pulled out at 10367ft.

BIT # 29 SMITH F3 8 1/2" (2*14)

During the run WOB 30-40 klbs, RPM 70, torque values varied between 1800-2300 ftlb. The ROP slow and averaged 11 ft/hr. Oil and gas was still present in the samples. Eventually drilling progress stopped and the bit was pulled out at 10611ft.

BIT # 30 SMITH F3 8 1/2" (2*13)

Drilling continued slowly. The ROP averaged 11.5 ft/hr, WOB 35 klbs RPM 60. Oil and gas reading were persistent during the run. Occasional thin bodies of poorly cemented sandstone gave rise to slight drilling breaks. The bit was pulled out at 10855ft.

BIT # 31 SMITH F3 8 1/2" (2*13)

During the run WOB 35 klbs, RPM 60-65, torque remained steady at 1800-2000 ftlb throughout the run, peaking to 2300 ftlb prior to pulling out. The slow drilling continued averaging 8 ft/hr, again occasional sandstone beds caused slight drilling breaks of up to 15 ft/hr. The bit was pulled out at 11050ft. 1/4" out of gauge.