

466023

3 1/2" OPEN HOLE PHASE

BIT # 23 SMITH SDGH 8 1/2" (3\*13)

Tagged cement at 8903ft. drilled ahead through the cement into the formation. The LOT was again unsuccessful and the casing was re-cemented. The bit was pulled out after drilling the cement and 7ft. of new hole.

BIT # 24 SMITH F3 8 1/2" (3\*13)

After testing the casing and the formation, drilling of the well continued WOB 30 klbs, RPM 75, ROP throughout the run averaged 30 ft/hr. No problems were encountered during the run. The bit was pulled out at 9501ft.

BIT # 25 SMITH F2 8 1/2" (2\*14)

The bit was reamed down from 9037ft. once on bottom WOB 25-30 klbs, RPM 75 the torque values increased at 9680ft. to 3400-3500 ftlb. and RPM slowed. During the run torque increased and some overpull was noted. ROP over the run averaged 25 ft/hr. The bit was pulled out at 9887ft.

BIT # 26 SMITH F3 8 1/2" (2\*14)

Once on bottom high torque values led to slow RPM 40 and low WOB 10-25 klbs. Hole caving started at 9950ft. and at each kelly down a pill was pumped to lubricate the hole and displace the cavings. The average ROP slows down considerably over this run with ROP values dropping below 10 ft/hr. The bit was pulled out at 10055ft.