

- 9-18-80 Day 24. 8770'. Drlg. 90% lm & 10% Sh. MW 9.5, Vis 34, WL 10, WC 2/32, pH 10, Cl 75,000, solids 5%. Bit 6, 7 7/8" Reed HPMH In 7612' WOB 45,000# @ 55 rpm, PP 1350 psi @ 53 spm. Drlg 23 3/4 hrs, Ser rig & work BOP 1/4 hr. Carrying 10 units gas-drilling @ rate of 6 mins per foot. Mixed 100 sxs sea mud, 46 sx brine gel, 6 sx drispac, 20 sxs dextrid & 2 sx paper. started making connection @ 8665', had to pull 40,000# wt over pipe-kindly sticky. At 8695' next connection, pulled 60,000# over wt of pipe. At this point put 100 sx sea mud & some gel into system. Encountered no problems on next 2 connections. Had 10 bbls lose over the past 12 hrs. Progress 276'. Cost \$229,985.19
- 9-19-80 Day 25. 9029'. Drlg. 30% lm, 70% sh. MW 9.6, Vis 36, WL 8, WC 2/32", pH 10, Cl 70,000, Solids 5%. Slope test 8898' @ 1<sup>0</sup> wireline. Bit 6 7 7/8" Reed HPMH In 7612'. WOB 45,000# @ 55 rpm, PP 1350 psi @ 52 spm. Drlg 22 3/4 hrs, Slope test 1/2 hr, Ser rig 1/4 hr, Jetting shale pits 1/2 hr Mixed 45 sx sea mud, 15 sx salt gel, 6 sx drispac, 18 sx dextrid, 2 sx soda ash & 2 sx caustic. Drlg break-mud logger shows 6' break 8999'-9005' Geotrograph shows 15' break 9000'-9015'. Break drilled at the rate of 2-2 1/2 min/ft Mud logger showed 122-160 units gas-no show in samples. At 5 AM 9-19-80 carrying 8 units of gas. Progress 259', Cum Cost \$241,142.81
- 9-20-80 Day 26. 9036'. Trip out after backing off. 30% Lm, 70% Sh. MW 9.6, Vis 36, WL 6, WC 2/32, pH 10, Cl 70,000, Solids 5%, Bit 6, 7 7/8", Reed, HPMH, In 7612'. WOB 45,000# @ 55 rpm, PP 1350 psi @ 52 spm. Drlg. 1 1/4 hrs, Trip 1 1/2 hr, Ser Rig 1/4 hr, Running fee pt 7 1/2 hrs, working pipe 10 1/2 hrs, spotting chemical & oil 3 hrs. Jet plugged in bit, pulled cap off pump, too, out valve & valve spring, put cap back on & wen to drlg. forgot to open valve on suction line. Drld 6' with 500 psi pressure with verly little circulation. Pulled up to make connection and got stuck. Worked pipe 125,000-163,000# over the weight of string, moved pipe 29' during 10 1/2 hr period, had good circulation. Spotted 3 drums EP Mud Lube & Torque Trim mixed with 50 bbls oil, let soak 2 hrs. Worked pipe again w/no results. Ordered wireline unit to back off. Made 2 runs for free point. Ran string shot to clear bit & backed off @ 8880' at drill collar. Left in hole: Bit, reamer, short drill collar, stabilizer, drill collar, stabilizer & 2 more drill collars. Coming out of hole @ report time. Will run overshot, jars, drill collars, jar accelerator & drill pipe. Progress 7'. Cost \$248,408.30
- 9-21-80 Day 27. 9036'. Circ & moving pipe, 5 jts out @ report time. Sh & lm. MW 9.6, Vis 45, WL 10, WC 2/32, pH 10, Cl 85,000, Solids 3%. Bit 6 7 7/8", Reed, HPMH, In 7612'. PP 1000-2000#. Trip 4 hrs, Rig repair 2 3/4 hrs, Ser rig 1/4 hr, Jarring & Circ cond hole 15 1/4 hrs, PU & make up tools 1 hr, Screwed back in pipe. 1 hr. Conditioned mud, mixed 43 sx gel, 55 sx sea mud, 7 sx drispac, 4 sx dextrid, 2 sx caustic & 50 sx KCL. Ran jar, jar accelerator & screwed back into fish. Jarred, worked pipe & circ 15 1/4 hrs before pipe started moving. As of 6:20 AM had 35 stds out, no drag. Progress 0. Cost \$262,272.85