

Harvey E. Yates Co., Inc.
Fannie Lou Federal #1
Eddy County, New Mexico

9-17-75 7380' drilling lime and shale, drilling w/fresh water, pH 9, Totco @ 7358' is 3/4°. Bit #8 is 8 3/4" FP 63 in @ 5695', made 1685' in 92 3/4 hrs. Had 3 3/4 hr. repair 1/2 hr. Totco, 19 3/4 hr. drilling. Running 45,000# wt., 41 RPM, 2000# pump pressure, 134 SPM. Made 285' progress.

9-18-75 7765' drilling, lime and shale. Drilling w/fresh water. pH 9, Bit #8 is 8 3/4" FP 63 in @ 5695' made 2070' in 116 hrs. 1/2 hr. BOP, 23 1/2 hr. drilling. Running 50,000# wt., 41 RPM, 2000# pump pressure, 134 SPM. 385' progress.

9-19-75 8166' lime and shale, Trip. Drilling w/water. Ph 9, Bit #8 is 8 3/4" FP63 in @ 5695', out @ 8166' made 2474' in 137 hrs. Totco @ 7830' is 3/4°. 1/4 hr. BOP, 1/2 hr. Totco, 20 3/4 hr. drilling 2 1/2 hr. trip, Running 50,000# wt., 41 RPM, 2000# pump pressure, 134 SPM. 401' progress.

9-20-75 8450' drilling lime and shale. Drilling w/water. pH 9, Dev. 1/2° @ 8145'. Bit #9 is 8 3/4" FP 63 in @ 8166' made 284' in 17 hrs. Had 3 hrs. YJ, 2 1/4 hr. TIH, 1 3/4 hr. reaming. 17 hrs. drilling. Running 45,000# wt., 44 RPM, 2000# pump pressure. 114 SPM, 284' progress.

9-21-75 8830' drilling lime and shale. Brine in hole wt. 9.8, Bit #9 is 8 3/4" FP 63 in @ 8166' made 664' in 39 3/4 hrs. 1/4 hr. BOP, 1 hr. Totco. 22 3/4 hr. drilling, Running 50,000#, 40 RPM, 2000# pump pressure, 114 SPM. 380' progress.

9-22-75 9070' drilling lime and shale. Drilling with 9.8 brine water. pH 9. Totco 8807' is 1 1/4°. Bit #9 is 8 3/4" FP 63 in @ 8166' made 954' in 63 hrs. 3/4 hr. Totco, 23 1/4 hr drilling. Running 50,000# wt., 42 RPM, 2000# pump pressure, 115 SPM. 240' progress.

9-23-75 9340' drilling sand and lime and shale. Drilling with 9.8 brine water. pH 9. visc. 29. Bit #9 is 8 3/4" FP 63 in @ 8166' made 1174' in 86 3/4 hrs. 1/4 hr BOP, 23 3/4 hr. drilling. 50,000# wt., 42 RPM, 2000# pump pressure, 115 PM. 270' progress.

9-24-75 9640' drilling lime and shale. Brine water 9.8, pH 9, Totco @ 9345' is 3/4°. Bit #9 is 8 3/4" FP63 in @ 8166' made 1474' in 109 3/4 hrs. 1/4 hr. BOP, 3/4 hr. Totco, 23 hrs. drilling. Running 50,000# wt., 42 RPM, 2000# pump pressure, 115 SPM, 300' progress.

9-25-75 9845' trip, lime and shale, brine wtr. 9.8, ph 9, Bit #9 is 8 3/4" FP63 in @ 8166' out @ 9845' made 1679' in 130 1/2 hr. 1/4 BOP, 1/4 pits, 3/4 hr. circ. @ 9765', 20 3/4 hr. drilling, 2 hr. trip. Running 50,000# wt., 42 RPM, 2000# pump pressure, 115 SPM. Made 205' progress.