

Harvey E. Yates Co., Inc.
Fannie Lou Federal No. 1
Eddy County, New Mexico

9-10-75 4755' drilling, lime and sand. Drilling w/fresh water.
Ph 9, Totco @ 4521' is 3/4°. Bit #7 is 8 3/4"
FP 63 in @ 3898' made 857' in 30 1/2 hrs. Had 1/2 hr.
Totco, 23 1/2 hr. drilling. Running 45,000# wt., 48 RPM,
1600 # pump pressure, 118 SPM. Made 665' progress.

9-11-75 5390' drilling, lime and sand. Bit #7 is 8 3/4" FP 63 in @
3898', made 1492' in 53 1/2 hrs. Dev. 3/4° @ 4962'. 1 hr.
Dev. 23 hrs. drilling. Running 45,000# wt., 48 RPM, 1600#
pump pressure, 118 SPM. Made 645' progress.

9-12-75 5695' on DST # 1. DST #1 from 5536' to 5695', total of 159'.
Drilling w/fresh water. Ph 9, Totco @ 5435 is 1°. Totco @
5690' is 3/4°. Bit #7 is 8 3/4" FP 63 in @ 3898' out @ 5695'.
Made 1796' in 64 3/4 hrs. Had 10 1/4 hr. drilling, 4 hrs.
circ., 5 1/2 hr. trip out, picked up test tools and trip in.
3 1/2 hr. DST and had 305' progress.

9-13-75 5930' drilling lime and sand. Drilling w/fresh water.
pH 9. Bit #9 is 8 3/4" Reed FP63 in @ 5695', made 235' in 11 1/2
hrs. Had 3 3/4 hrs. on DST #1, 4 1/4 hr. trip out LD test
tool, 3 hrs. trip in with bit, 12 hr. drilling. Running
45,000# wt., 40 RPM, 1800# pump pressure, 130 SPM. Made
235' progress.

9-14-75 6303' trip, lime and shale. Drilling w/fresh water, pH 9.
Bit #8 is 8 3/4" FP63 in @ 5695' out @ 6303', made 408' in
33 3/4 hrs. Totco @ 6034' is 1°, had 21 1/4 hr. Drilling,
2 1/4 hr. trip, running 45,000# wt., 41 RPM, 2000# pump
pressure, 134 SPM, 373' progress.

9-15-75 6690' drilling lime and shale. Drilling w/fresh water, pH 9,
Bit #8 is rerun FP63 in @ 5695', made 995' in 49 1/2 hrs.
Dev. 1° @ 6381', had 1 3/4 hr. trip, 6 hr. repair,
15 3/4 hr. drilling. Running 45,000# Wt., 41 RPM, 2000#
pump pressure, 131 SPM. Made 287' progress.

9-16-75 7095' drilling lime and shale. Drilling w/fresh water.
pH 9, Bit #8 is 8 3/4" FP63 in @ 5695' made 1400' in 73 hrs.
Totco @ 6854' is 3/4°, had 1/2 hr. Totco, 23 1/2 hrs.
drilling. Running 45,000# wt., 41 RPM, 2000# pump pressure,
134 SPM. Made 405' progress.