

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

8-27-75           Spudded 12:01 a.m. Drilling @ 430'. Dev. 1/2° @ 430'.  
Had 7 1/2 hr. drilling.

8-28-75           695' Running 13 3/8" csg., visc. 33, mud wt. 8.8,  
deviation 3/4° @ 695'. Bit #1 is 17 1/2" retip in @  
zero out @ 695', made 695' in 19 3/4 hrs. Running  
40,000# wt., 70 RPM, 1400# pump pressure, 64 SPM. Had  
12 1/2 hr. drilling, 1/4 hr. survey, 3 1/2 hrs. running  
3 jts. csg., 1 hr. POH w/csg. (would not go), 1 1/2  
hr. TIH w/bit, 5 hr. running csg. Made 265' progress.

8-29-75           695' lime and sand. Bit #2 is 12 1/4" XV in @ 695'.  
2 hr. finish running 13 3/8" csg. Ran 16 jts (732')  
H-40, 48# csg. Set @ 695' RTM, Cmt. w/750 sx. cmt.  
Class C, plug down @ 9:00 a.m. 8/28/75. Circ. out 100  
sx. 22 hr. WOC.

8-30-75           1005' drilling, lime and sand. Bit #2 is 12 1/4" XV in @  
695' made 310' in 21 1/4 hrs. Drilling w/wtr. Dev. 1°  
@ 894'. Had 21 1/2 hr. drilling, 1 1/2 hr. drilling cmt.,  
1/2 hr. testing csg., 310' progress. Running 60,000# wt.,  
60 RPM, 1200# pump pressure, 68 SPM.

8-31-75           1495' drilling, lime and sand, Bit #2 is 12 1/4" XV in @ 695',  
out @ 1135', made 440' in 27 1/2 hrs. Bit #3 is 12 1/4" S62  
in @ 1135' made 300' in 13 1/4 hr. Drilling w/fresh water.  
Dev. 3/4° @ 1144', 3/4° @ 1395'. Had 1 1/2 hr. trip,  
2 1/2 hr. reaming, 3/4 hr. dev., 19 1/4 hr. drilling.  
Made 430' progress. Running 50,000# wt., 50 RPM, 1400# pump  
pressure, 63 SPM.

9-1-75           2000' drilling, lime and sand. Bit #3 is 12 1/4" S62 in @ 1135'  
made 865' in 36 hrs. Drilling w/fresh water. Dev. 1° @ 1866'.  
1/4 hr. dev., 1 hr. repair, 22 3/4 hr. drilling, Made 565'  
progress. Running 50,000# wt., 50 RPM, 1400# pump pressure,  
63 SPM.

9-2-75           2545' drilling, lime . Bit #3 is 12 1/4" S62 in @ 1135'  
made 1410' in 59 1/2 hrs. Drilling w/fresh water. Dev. 1/2°  
@ 2344'. Had 1/2 hr. Dev., 23 1/2 hr. drilling, Made 545'  
progress. Running 50,000# wt., 50 RPM, 1500# pump pressure,  
68 SPM.

9-3-75           3125' drilling, lime and sand. Drilling w/fresh water,  
pH 10.5, Dev. 1/4° @ 2775'. Had 23 1/2 hr. drilling,  
Made 580' progress.

9-4-75           3207' NU. Bit #3 is 12 1/4" S62 in @ 1135' out @ 3207' made  
2072' in 84 1/4 hrs., Had 1 1/4 hr drilling, 1 3/4 hr.  
mixing mud, circ. 2 1/2 hr. TOH, 5 3/4 hr. running 9 5/8"  
casing. 2 3/4 hr. Circ. 9 hr. WOC.