

FIRST REPORT

AFE # 4144

LMPSU # 36-7
990 FNL & 10 FEL
Sec. 34 T 22S R 37E
Lea Co., New Mexico
Elevation 3314.5

Drill, Complete, & Equip as WIW

4-23-84 MIRT

4-24-84 Drlg @ 155' in Redbed & Caliche w/Bit #1 (12 $\frac{1}{4}$ ") Rig footage 155'
Spudded 12 $\frac{1}{4}$ " hole @ 11:15 P.M. 4-23-84.

4-25-84 Drlg @ 970' in Redbed w/Bit #1. Rig footage 815' Mud wt 8.9
Visc 28 P.H. 8.0

4-26-84 WOC @ 9 $\frac{1}{2}$ hrs @ 1134'. Drilled to 1134' @ 2:00 P.M. 4-25-84.
Rig footage 164'. Ran 28 Jts 8 5/8" 24# K-55 ST&CR-3 csg (1122.70')
w/ Guide shoe & insert float & 6 centralizers. R.U. Western Co. and
cemented w/425 SX Pace setter light cement w/2% CaCL & $\frac{1}{4}$ # Celloseal
followed w/225 SX Class "C" w/2% CaCL. Plug down at 9:30 P.M. 4-25-84.
Circ 165 SX Cement to pit. Dev. survey 3/4 degree at 500' and 1 degree
at 1007' and 1 degree at 1134'. Shoe @ 1125'.

4-27-84 Drilling @ 1500' (366') in salt & Anhyd w/ bit #2 (7 7/8").
Resumed drlg Fm. @ 4:15 P.M. 4-26-84. WOC 9 hrs.

D.C. \$ 4,700

C.C. \$33,400

4-28-84 Drilling @ 2532' in salt w/ Bit #2. Rig footage 1032' Mud wt 10#
Visc 28 P. H. 8.0 Dev Surveys 1 degree @ 1511', $\frac{1}{2}$ degree @ 2002', $\frac{1}{2}$ degree
@ 2504'.

4-29-84 Drlg at 2928' in Anhydrite & Lime w/Bit #2 Rig footage 396'
Mud wt 10 Visc 28 P.H. 7.5 Chlorides 182,000

4-30-84 Drlg @ 3359' in Dolomite & Sand w/ bit #2 Rig footage 431' Wtr
flow from 7 Rivers @ 3007' of 107 BPH. w/ 1500-4500 P.P.M. H 2S Gas.
Mud wt 9.7 P.H. 7.0 Chlorides 155,000