

LEU-1 21-T23S-R28E

Date Spud: 4/25/91 (6:00 a.m.)

Date T.D. Reached: 5/5/91

Drilled through fresh water zones into salt section with fresh spud mud.

Set 8-5/8" 24# Casing/832' Cement w/260 sx Class C + 1/2 celloseal circ

Open Hole Logs. Dual Laterolog Micro SFL & SPECTRAL Density Neutron-Log

Ran 5-1/2" 15.5#/6650/Cemented in two stages: Stage 1: 530 sx HPOZ & 1/4-1 Collo SA41 & 10% Salt + .3% TF4 & .5% CF-2 & .6% CF-14

Stage 2: 880 sx PSL 65/35/6 + 15% Salt; 100 sx NEAT (1510 sx total) circ

Perforate Delaware (Brushy Canyon) 6101-6167, Total 34 holes (2SPF) (.52" holes)

TIH w/2-7/8" 6.5# EVE TUBING, seating nipple and packer.

Spot acid across perforation, pull packer above perfs and set at 6000'. Acidize w/2000 gals 7-1/2% NEFE HCl w/additives. Dropped 102 ball sealers.

Swab acid water. Swab and Recover 120 BAW. Pull tubing and packer.

TIH w/2-7/8" tubing

Frac perfs w/25,000 pounds 20/40 Ottawa sand and 10,000 pounds 16/30 Super LC & 20 gals Sentrol activator and 19,600 gals gel KCl pump via 2-7/8" tubing

SI well for 5 hours

Swab and flow recovering 234 B.O. and 572 load water in 92 hours.

Load Hole w/FW

TOH w/tubing

TIH w/2-7/8" tubing, rods and downhole pump

POP

Pump - Rec. Load water

Pump 182 BO/197 BW/272 MCFGPD/24 hrs

6/17/91 FINAL REPORT

