

ENWEST  
DIVERSE FEDERAL NO. 1  
900' FSL & 660' FEL, SEC. 14,  
T26S-R29E, EDDY COUNTY, NEW MEXICO



1

**1-4-2000**

STATUS REPORT – Road construction and location finished on Monday, 1-3-2000, moved in Key Energy Rig No. 6. Built and lined reserve pits, filled with water. Drilling rig should spud later this afternoon.

**1-5-2000**

Working on derrick, should resume this afternoon.

**1-6-2000**

Continuing to work on derrick.

**1-7-2000**

Diverse Federal #1 is spudded, expect to set surface casing around 1 a.m. Saturday, January 08, 2000. BLM has been notified. Key Rig #6 spudded at 11:00 a.m. and drilled 12 1/4" hole to 416', circulated 30 minutes, prepared to run 8 5/8" casing. Hole is 1/2" at 416'. At 8:00 p.m. rigged up casers and ran 8 5/8" as follows:

- 1 - 8 5/8" Texas pattern shoe
- 1 - joint 8 5/8" 23# ST&C J-55 new
- 1 - insert float at top of collar
- 9 - joints 8 5/8" 23# ST&C J-55 new
- 1 - 8 5/8" (rig's) landing joint
- 10 - joints new 8 5/8" casing
- Centralized casing with 3 centralizers

9:00 p.m. BJ Hughes cemented with 400 Sx Class C=2%CAL2, Slurry wt. 14.6#, displaced with 24 BFW, plug down @ 9:40 p.m. 1-7-2000. Circulated 100 Sx cement. WOC 18 hrs. NU BOP , test 8 5/8" casing to 2000#psi before drilling shoe joint.

**1-8-2000**

Drilled 416' to 594', drilling break from 480' to 520'

**1-9-2000**

8:00 a.m. Drilled 594' to 1359', drilling break from 671' to 715' (could have water flow - 480' to 520', 671' to 715')

**1-10-2000**

7:00 a.m. Drilled 1359' to 1784'. Formation: Anhydride, survey 2 1/2°

**1-11-2000**

10:00 a.m. Drilled 1784' to 2380'. We plan to cement 5 1/2" and circulate to the surface due to up hole drilling breaks when we reach the Lamar.

**1-12-2000**

Drilling at 2975', Geologist is calling probable 5 1/2" casing point.