

APPLICATION FOR AUTHORITY TO INJECT

Supplemental Information

J. M. DENTON WELL NO. 5
Lea County, New Mexico

Item:

III. Well Data

- A. (1) Well Name: J. M. Denton Well No. 5
1980' FWL & 660' FSL
Section 11, T15S, R37E
Lea County, New Mexico

- (2) Casing Data: (Also see Exhibit "B")

Surface Casing:

16" 65# H-40 set at 376' in 22 $\frac{1}{4}$ " hole. Cemented w/600 sx. Cement circulated to surface.

Intermediate:

9 5/8" 40# set at 4791' in 13 3/4" hole. Cemented with 2080 sx. Ran temperature survey and found cement top at 1518'.

Production:

5 1/2" 17# and 20# N-80 in 8 3/4" hole to 12,402'. Ran DV tool at 8933'. First stage cement w/ 795 sx. 2nd stage cement with 954 sx. Temperature survey indicated cement channelled to surface from 8890'. Ran CBL in 1983 (see attachment). Poor to fair bond across proposed injection interval. Zone above this interval will be squeezed. See attached workover procedure.

- (3) Injection Tubing:

3 1/2" plastic coated tubing set at approximately $\pm 9900'$.

- (4) Packer:

5 1/2" retrievable type packer will be set at $\pm 9900'$.

- B. (1) Injection Formation: Pennsylvanian Formation

Injection well is not in a defined pool.

- (2) Injection Interval:

Injection will be through perforations from ± 9960 -10,250'.

- (3) Original Purpose of Well:

Well was drilled and completed in 1951 to the Devonian formation.