

**TENNECO OIL COMPANY** A Tenneco Company

SUITE 1200 • LINCOLN TOWER BUILDING • DENVER, COLORADO 80203



*PMX-39*

March 13, 1972

RECEIVED  
MAR 15 1972  
NEW MEXICO OIL CONSERVATION COMMISSION

*Rue*  
*Apr 4*

Mr. A. L. Porter  
Secretary - Director  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico 87501

RE: Water Injection - Connelly Federal #1  
1980' FSL & 660' FWL  
Section 17, Township 17 North, Range  
8 West, Lone Pine Dakota "D" Unit  
McKinley County, New Mexico

Dear Sir:

Under terms of Commission Order R-4263, Tenneco Oil Company respectfully submits application for administrative approval to inject water into the Dakota "D" Zone through the Connelly - Federal Well No. 1. In support of this request, we are enclosing the following:

- (1) A Well Location Plat showing the proposed well and all wells and operators within a two mile radius.
- (2) A schematic of the proposed injection well.
- (3) A compensation formation density log section showing proposed perforations.

The offset operators have been notified of the intention to inject into the captioned well.

Your approval will be appreciated.

Respectfully submitted,

TENNECO OIL COMPANY

*R. A. Williford*  
R. A. Williford  
District Production Manager

WEB/lj

cc: All Operators

Encl.



**LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE**

K.B. Elev. 6942'

G.L. Elev. 6931'

2000 psi Gauge

8 5/8" Csg. @ 80' w/30 Sks.

Location:  
1980' FSL - 660' FWL  
Sec. 17, T17 N, R8 W  
McKinley County,  
New Mexico

Annulus Loaded With  
Packer Fluid

Est. Top Cement @ 1360'

2 7/8" E.U.E. Tbg.

5 1/2" Model "D" Packer  
@ Approx. 2685'

Dakota "D" Zone

PBTD 2760'

2734 - 44' Perts. - D Zone

5 1/2" Csg. @  
w/ 275 Sks.

TD 2924'

All Measurements Based On Gamma Ray Log

TENNECO OIL COMPANY  
SUBSIDIARY OF TENNECO INC.

LONE PINE DAKOTA "D" FIELD  
Mc KINLEY COUNTY, NEW MEXICO

SCHMATIC DIAGRAM OF  
PROPOSED WATER INJECTION WELL  
CONNELLY FEDERAL NO.1

W.E.B. SCALE-NONE MAR. 14, 1972

2

Top of Dakota "D"

2734

2744

Base of Dakota "D"

2800

2900

Compensated Formation Density Log  
Connelly Federal #1  
Sec. 17, T17N, R8W  
McKinley County, New Mexico

Proposed Perforations

1-21-71 F0215736