

TENNECO OIL COMPANY A Tenneco Company

SUITE 1200 • LINCOLN TOWER BUILDING • DENVER, COLORADO 80203



March 13, 1972

RECEIVED

MAR 15 1972

NEW MEXICO OIL CONSERVATION COMMISSION

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
District Production Manager

WEB/lj

cc: All Operators

Encl.

INTENTIONAL OMISSIONS

The following document(s) have been intentionally omitted from this file due to the indicated reasons.

FILE #

PMX 39

DESCRIPTION OF OMITTED DOCUMENTS

OMITTED DOCUMENT

REASON OMITTED

Well Location Map

Too Large

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

K.B. Elev. 6942'

Location:
1980' FSL - 660' FWL
Sec. 17, T17N, R8W
McKinley County,
New Mexico

G.L. Elev. 6931'

2000 psi Gauge

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

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' Perfs. - 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

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

W.E.B.

SCALE - NONE

MAR. 14, 1972

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 FMOZ 15736