



March 16, 1973



New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

ATTN: Mr. Dan Nutter

RE: Case 4793-Order No. R-4389
Expansion of Project Area
Hospah, South-Lower Sand
(Tenneco Lower Hospah
Pressure Maintenance) Pool

Gentlemen:

Tenneco Oil Company respectfully requests administrative approval to expand the Lower Hospah Pressure Maintenance Project, in accordance with Rule 10 of Order No. R-4389.

The expansion is to include the injection of produced water into Tenneco's Whigham No. 2 well, located 990' FSL & 990' FEL, Section 11, T17N & R9W, McKinley County, New Mexico.

The following are submitted in support of this application:

- 1) A plat showing the location of the proposed injection well, all wells within the project area, and the location of the only additional offset operator, Tesoro Petroleum Corporation.
- 2) A schematic diagram of the proposed injection well.
- 3) A log section of the proposed injection zone (Lower Hospah @ 1872'-1966').
- 4) A prognosis of the conversion procedure.

Tesoro will be notified by receiving a copy of this application, along with the supporting data.

TENNECO OIL COMPANY

Mr. Dan Nutter
March 16, 1973
Page 2

Tenneco requests your early consideration and approval of this application.

Yours very truly,

TENNECO OIL COMPANY


R. A. Williford
District Production Manager

MJD/lj

Attachments

cc: Mr. Emery C. Arnold-NMOCC-Aztec, N.M.
Mr. Harvey Ashford-Tesoro-Denver, Colo.
C. W. Nance-Tenneco-Rocky Mountain Division
Mr. Harold Vaghtborg-Tesoro-San Antonio, Texas

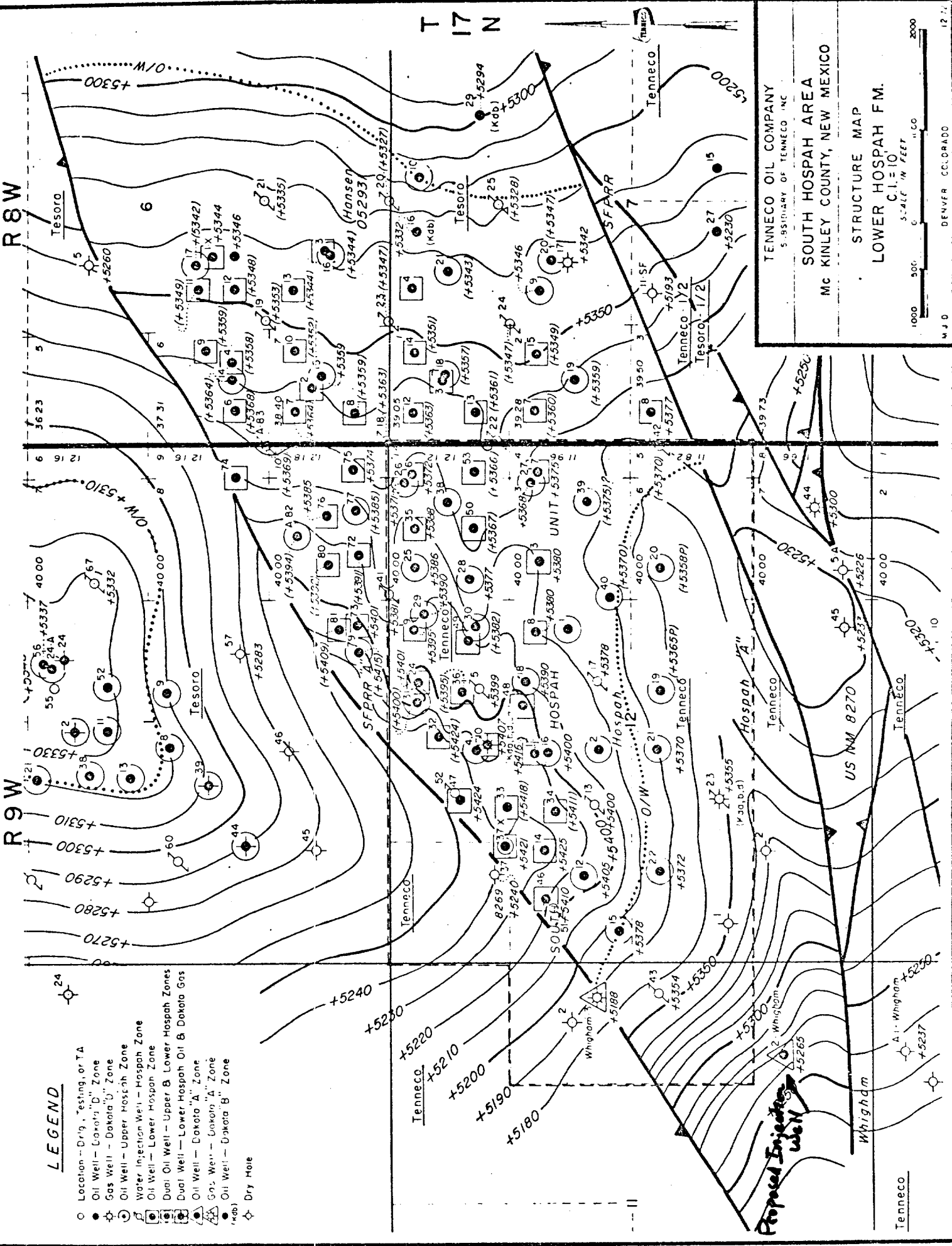
T 17 N

R 8 W

R 9 W

LEGEND

- Location - Drig., Testing, or TA
- Oil Well - Dakota "D" Zone
- ⊙ Gas Well - Dakota "U" Zone
- ⊕ Oil Well - Upper Hospah Zone
- ⊖ Water Injection Well - Hospah Zone
- ⊗ Dual Oil Well - Upper & Lower Hospah Zones
- ⊘ Dual Well - Lower Hospah Oil & Dakota Gas
- ⊙ Oil Well - Dakota "A" Zone
- ⊙ Gas Well - Dakota "A" Zone
- ⊙ Oil Well - Dakota "B" Zone
- ⊙ (kdb) Dry Hole



TENNECO OIL COMPANY
 SUBSIDIARY OF TENNECO INC.

SOUTH HOSPAH AREA
 Mc KINLEY COUNTY, NEW MEXICO

STRUCTURE MAP
 LOWER HOSPAH F.M.
 C.I. = 10
 SCALE IN FEET

1000 500 0 500 1000 2000

DENVER, COLORADO

M.J.D.

TENNESCO WINGMAN #2

UPPER HOSEMAN ZONE

1800

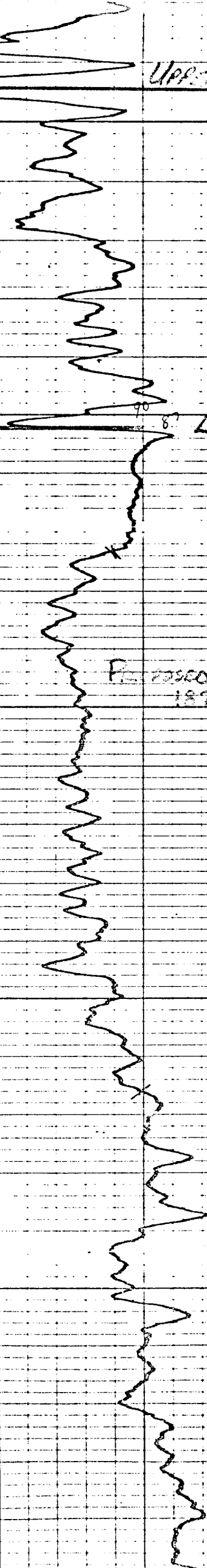


LOWER HOSEMAN

1900

TENNESCO PAPERS
1890-1920

2000



TENNESSEE WASHINGTON

CISP + 1000

90 27 481

DAKOTA ZONE

2700

2800

2900

