



March 12, 1973

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

WIX - 190

1000 - 30

RE: Water injection
Hospah #20, #40, and #56
Upper Hospah Unit
Section 12, T17N, R9W
McKinley County, New Mexico

South Hospah Unit

Dear Sir:

*Tenneco South Upper Hospah
South Hospah-Upper Sand C Unit*

Tenneco Oil Company, as operator of the Upper Hospah Unit, respectfully submits application for administrative approval to inject water into the Upper Hospah Sand through the Hospah #20, #40, and #56. We plan to convert the #20 and #40, currently producers, to injection status and drill the #56. The location of the Hospah #56 will be 1100' FNL & 1275' FEL of Section 12. In support of this request, we are enclosing the following:

- (1) A well location plat showing the location of the proposed wells and all operators and wells within a two mile radius.
- (2) Schematic of the proposed wells showing casing size, cement tops, and elevations.

Authority to inject water into the Upper Hospah Sand was originally granted to Tenneco by Commission Order No. R-3325.

The area in which the proposed injection wells will be located is not currently being swept by existing patterns. The expected flood patterns of the three wells will increase daily production and ultimate recovery.

By copy of this letter, Tesoro Petroleum Corporation, the only offset operator, is being notified of our intention to

TENNECO OIL COMPANY

Mr. A. L. Porter, Jr.
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inject water into the Hospah #20, #40, and #56.

Your approval will be appreciated.

Respectfully submitted,

TENNECO OIL COMPANY


R. A. Williford
District Production Manager

WEB/lj

Attachments

cc: Mr. Harold Vagtborg
Tesoro Petroleum Corporation
8520 Crownhill Blvd.
San Antonio, Texas 78209

K.B. Elev. N A

2000 psi Gauge

G.L. Elev. 7013

Location: 2310 FSL
1392 FEL
Sec. 12, T17N, R9W
McKinley County,
New Mexico

Est. Top Cement @ 1021'

2 3/8" E.U.E. Tbg.

4 1/2" Model "D" Packer
@ Approx. 1550'

Hospah Zone

PBTD 1635'

Perts. - 1590-94
1607-17

4 1/2" Csg @ 1647'
w/ 60 Sks.

TD 1647'

All Measurements Based On Gamma Ray Log

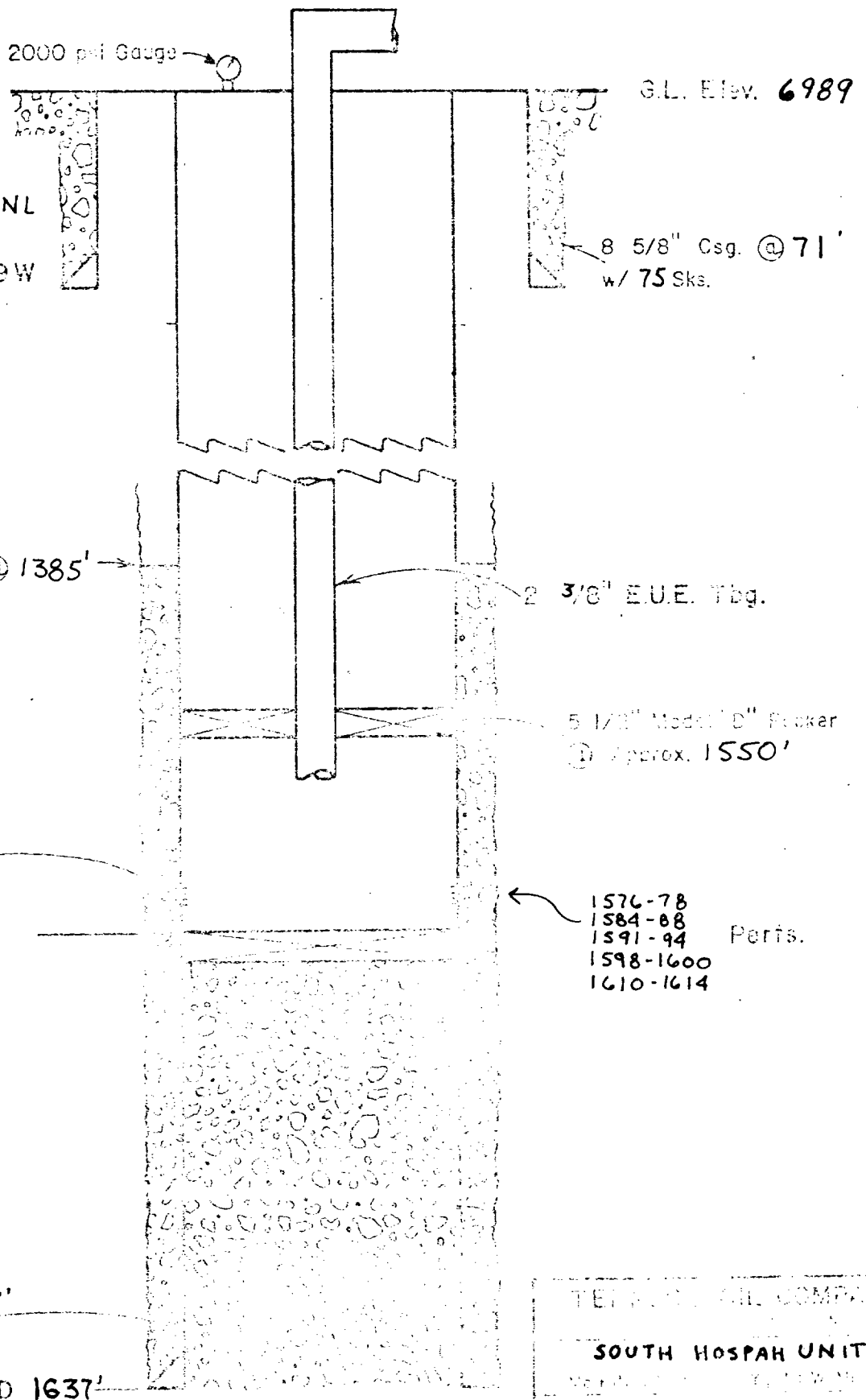
TENNECO OIL COMPANY

SOUTH HOSPAH UNIT

McKINLEY COUNTY, NEW MEXICO

COMPLETION DIAGRAM OF
WATER INJECTION WELL
HOSPAH NO. 20

K.B. Elev. 7001



Location: 2420' FNL
1150' FEL
Sec. 12, T17N, R9W
McKinley County,
New Mexico

Est. Top Cement @ 1385'

Hospah Zone

P&TD 1630'

5 1/2" Csg. @ 1637'
w/ 100 Sks.

TD 1637'

All Measurements Based On Gamma Ray Log

TEXAS OIL COMPANY
SOUTH HOSPASH UNIT
WATER INJECTION WELL
HOSPASH 40

K.B. Elev. 6980'(est)

2000 psi Gauge

G.L. Elev. 6960(est)

Location: 1100' FNL
61275 FEL

Sec. 12, T17N, R9W
McKinley County,
New Mexico

8 5/8" Csg. @ 60
w/ 70 Sks.

Est. Top Cement @ 1000'

2 3/8" E.U.E. Tbg.

5 1/2" Model "D" Packer
@ Approx. 1520

Hospah Zone

PBTD 1560'

Peris. - TO
BE DET.

5 1/2" Csg @ 1590
w/ 100 Sks.

TD 1590'

All Measurements Based On Gamma Ray Log

TENNECO OIL COMPANY

SOUTH HOSPAH UNIT

McKINLEY COUNTY, N. W. MEXICO

SYNTHETIC SURFACTANT OF
WATER INJECTION WELL
HOSPAH NO. 56

Tenneco Oil
A Tenneco Company

Suite 1200
Lincoln Tower Building
Denver, Colorado 80203
(303) 292-9920



Mr. A. L. Porter, Jr.
Secretary - Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

RE: Tenneco Oil Company's application
to inject water through the
Hospah #20, #40, and #56
Upper Hospah Unit
McKinley County, New Mexico

Dear Sir:

I, Harold Vagtborg, Jr., Vice-President of
Tesoro Petroleum Corporation have received a copy of
Tenneco's application for administrative approval to
inject water into the captioned wells. As the only
offset operator, Tesoro Petroleum Corporation hereby
waives objection to the Tenneco application.

Yours very truly,

TESORO PETROLEUM CORPORATION

A handwritten signature in cursive script that reads "Harold Vagtborg Jr." The signature is written in dark ink and is positioned below the typed name of the corporation.

WEB/lj

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

