

**Tenneco Oil**  
A Tenneco Company

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



February 18, 1977

446  
3/8/77

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

New Mexico Oil Conservation Commission  
Hobbs District Office  
P. O. Box 1980  
Hobbs, New Mexico 88240

Re: Request for Administrative Approval  
For Conversion of Well No. 8 To Injection  
Tenneco-Paduca Monsanto State Waterflood  
Sec. 16, T25S, R32E  
Lea County, New Mexico

Gentlemen:

Tenneco Oil Company, as operator of the Paduca-Delaware-Monsanto State Waterflood project which was created by Commission Order No. R-3313, respectfully requests administrative approval to convert the Monsanto State No. 8 well to injection service. This new injection well will provide a better waterflood pattern and should result in a more efficient flooding of the reservoir.

Injection into the Delaware Sand Interval in Well No. 8 will be approximately 500 bbls. of water per day, which will be obtained from the Texaco operated Cotton Draw Delaware Sand Waterflood Unit.

Pursuant to the rules of the State of New Mexico, a plat is enclosed with this Application which indicates lease ownership and all other wells within a radius of two (2) miles and the location of Monsanto State No. 8. Also enclosed is a diagrammatic sketch of Well No. 8 and a portion of the well log over the Delaware Sand Interval.

# Tenneco Oil

February 18, 1977

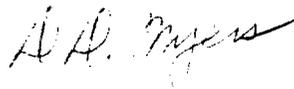
Page Two

Re: Request For Administrative Approval  
For Conversion of Well No. 8 To Injection  
Tenneco-Paduca Monsanto State Waterflood  
Sec. 16, T25S, R32E  
Lea County, New Mexico

Operators offsetting the proposed injection well are being furnished with a copy of this Application.

Yours very truly,

TENNECO OIL COMPANY



D. D. Myers  
Division Production Manager

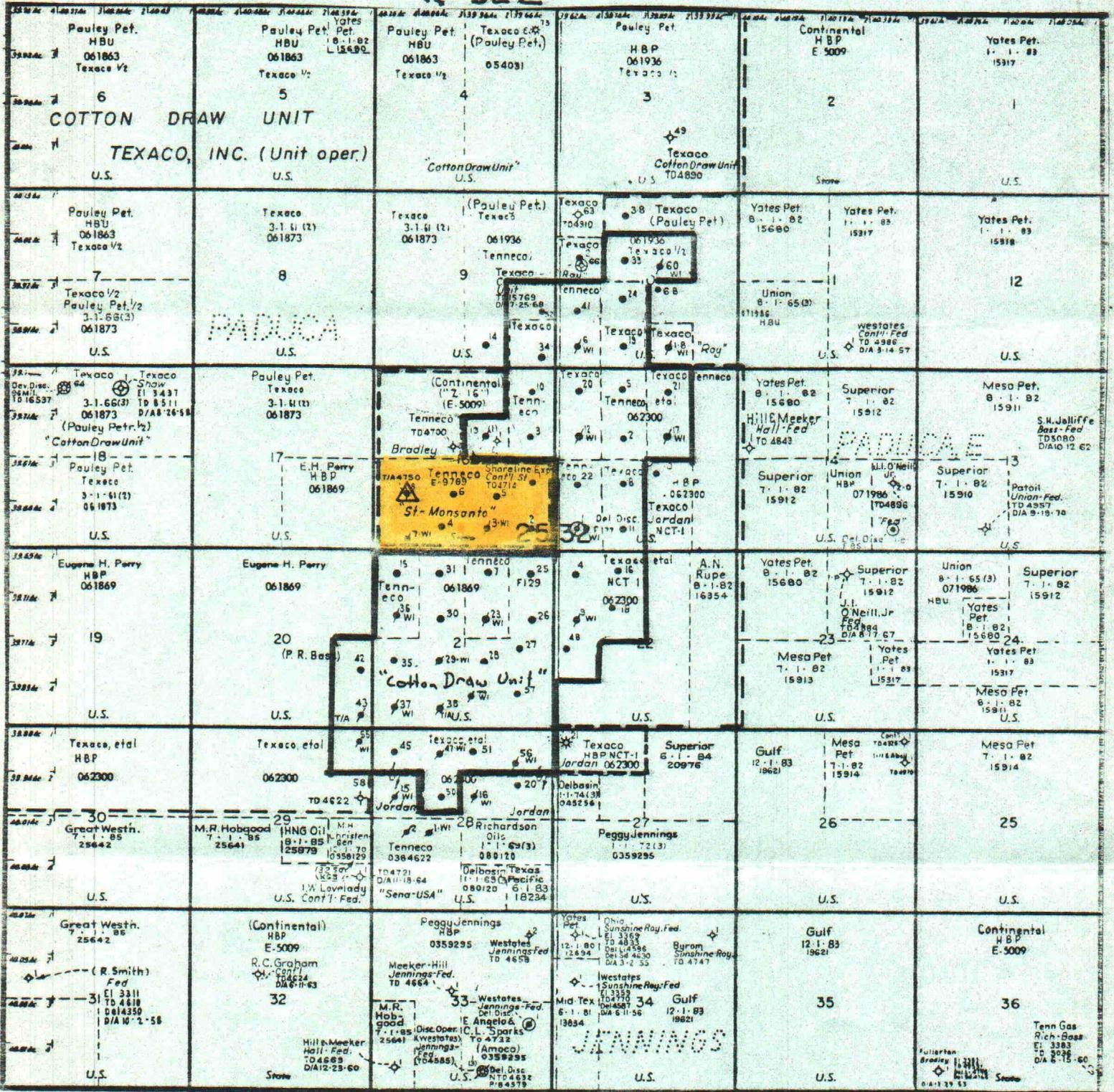
DDM:JFR:v  
Enclosures

OFFSET OPERATORS

TENNECO-MONSANTO STATE WELL NO. 8

Texaco Inc.  
P. O. Box 728  
Hobbs, New Mexico 88240

# R-32E



Proposed Injector

 <b>TENNECO OIL COMPANY</b> SUBSIDIARY OF TENNECO CORPORATION
<b>PADUCA DELAWARE FIELD</b> LEA COUNTY, NEW MEXICO
<b>Monsanto State Waterflood</b>

MONSANTO STATE NO. 8  
 1660' FSL & 990' FWL Sec. 16, T25S, R32 E  
 Lea County, New Mexico

357'

8-5/8" O.D., 24 LB CSG  
 Set @ 357' w/150 SX  
 (Top of cmt. @ surf)

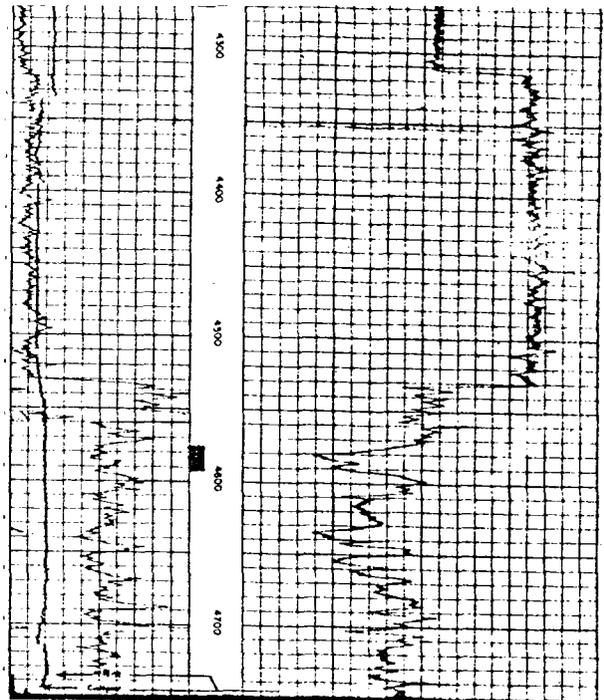
2-3/8" O.D. 4.7 lb TBG

Tension Type packer @ 4,500'

Perf's.  
 4578'-91' (Delaware Sand)

4-1/2" O.D. 10.5 LB J-55 CSG  
 Set at 4726' w/150 SX  
 TOC @ 3090'

10 API/CD		100	
7 9 11 13 15		40	
HOSE SIZE - INCHES		Micro Seconds Per Foot	
-   +		SPECIFIC ACOUSTIC TIME	
Mudlogs			
S.P. or G/R & Caliper	DEPTH	ACOUSTILOG 1. 2. 3. 4.	
Company	FENNECO OIL COMPANY	Drillers T.D.	4750'
Well	MONSANTO STATE #8	Log F.R.	4746'
Field	PAUCA DELAWARE	Log T.D.	4751'
County	LEA	Elevations	
State	NEW MEXICO	K.B. 3420	D.F. 2925 G.L. 3414'



PBTD 4117'  
 TD 4726'



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT  
CENTRAL UNITED STATES  
MIDLAND DIVISION

March 24, 1977

TEXACO INC.  
P. O. BOX 3109  
MIDLAND, TEXAS 79701

WAIVER OF OBJECTION  
CONVERSION TO INJECTION  
TENNECO OIL  
PADUCA-DELAWARE MONSANTO  
STATE WATERFLOOD WELL NO. 8  
PADUCA-DELAWARE FIELD  
LEA COUNTY, NEW MEXICO

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

Attention: Director

Gentlemen:

Texaco Inc. has been advised by Tenneco Oil of their application for administrative approval to convert Monsanto State Well No. 8 to injection. This well is located in Section 16, T-25-S, R-32-E.

Texaco Inc., as an offset operator, waives objection to the application.

Yours very truly,

D. T. McCreary  
Division Manager

By   
M. A. Sirgo, Jr.  
Division Petroleum Engineer

PHD/lt

cc: Tenneco Oil  
Suite 1200  
Lincoln Tower Bldg.  
Denver, CO 80203

OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE February 23, 1977

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX X \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated \_\_\_\_\_  
for the Tenneco Oil Co. Monsanto State #8-L 16-25-32  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

  
\_\_\_\_\_