



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79761  
PHILLIPS BUILDING

NATURAL RESOURCES GROUP  
Exploration and Production

March 3, 1976

Northeast Maljamar Waterflood Project -  
Application for Expansion - Maljamar  
Grayburg San Andres Pool, Lea County

File: W4-Ta-125-76

New Mexico Oil Conservation Commission - 3  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey,  
Secretary-Director

Gentlemen:

We respectfully request administrative approval, subject to the 15 day waiting period, to convert two additional wells to water injection service in the captioned project as provided by Order No. R-3154. Wells to be converted are our Phillips E State No. 5 (I-8-17S-33E) and No. 10 (O-9-17S-33E). A combination of produced and fresh water make-up will be injected into each well at an estimated rate of 200 barrels/day at 2700 psi surface injection pressure.

The average 1975 production from this project was 166 BO and 386 BW per day for a daily fluid withdrawal of 552 barrels. Injection was at average daily rate of 588 barrels. It is anticipated that the additional injection capacity possible by the conversion of these wells will considerably enhance the waterflood recovery of this project.

We attach an area plat showing the current project area with Wells Nos. 5 and 10 marked thereon, a diagrammatic sketch of the casing and completion design of these wells, as well as electric logs marked with pertinent data.

By copy hereof, offset operator waivers are requested with one copy to be mailed direct to your attention and a copy sent to me for our files.

Your consideration will be appreciated.

Very truly yours,

T. Harold McLemore,  
PHILLIPS PETROLEUM COMPANY

THM:dm

Attachments

cc: New Mexico Oil Conservation  
Commission, Hobbs, New Mexico  
Offset Operators (List attached)

New Mexico Oil Conservation Commission  
W4-Ta-125-76  
March 3, 1976  
Page 2

OFFSET OPERATORS

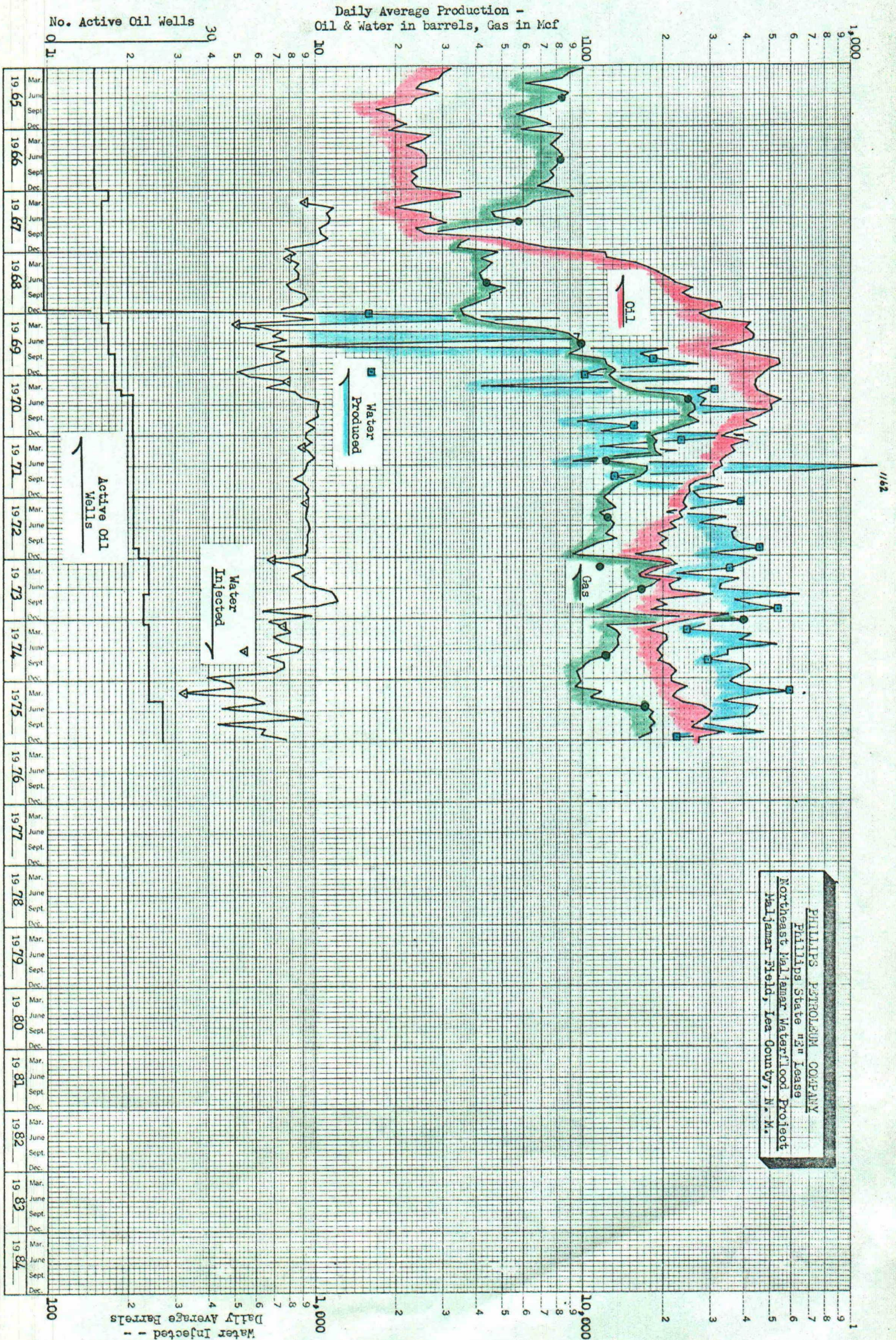
Murphy H. Baxter  
814 Building of the Southwest  
Midland, Texas 79701

Shenandoak Oil Corporation  
Box 2189  
Hobbs, New Mexico 88240

Tamarack Petroleum Company, Inc.  
Box 2046  
Midland, Texas 79701

Attachments







RKB 4214'  
CHF/GL 4204'

8-5/8" @ 340'  
w/ 200 SX  
(Circ.)

2-3/8", 4.7#/ft, J-55  
Plastic (Salt) Lined

5-1/2" 14# J-55  
@ 4478'  
w/150 SX

Perforations:  
4294' - 4452'

Baker AD-1 Tension Packer @ 4270'  
Plastic coated Internal and External  
up to packing element

PTD 4478

BARTLESVILLE, OKLAHOMA

Phillips State E Well #5

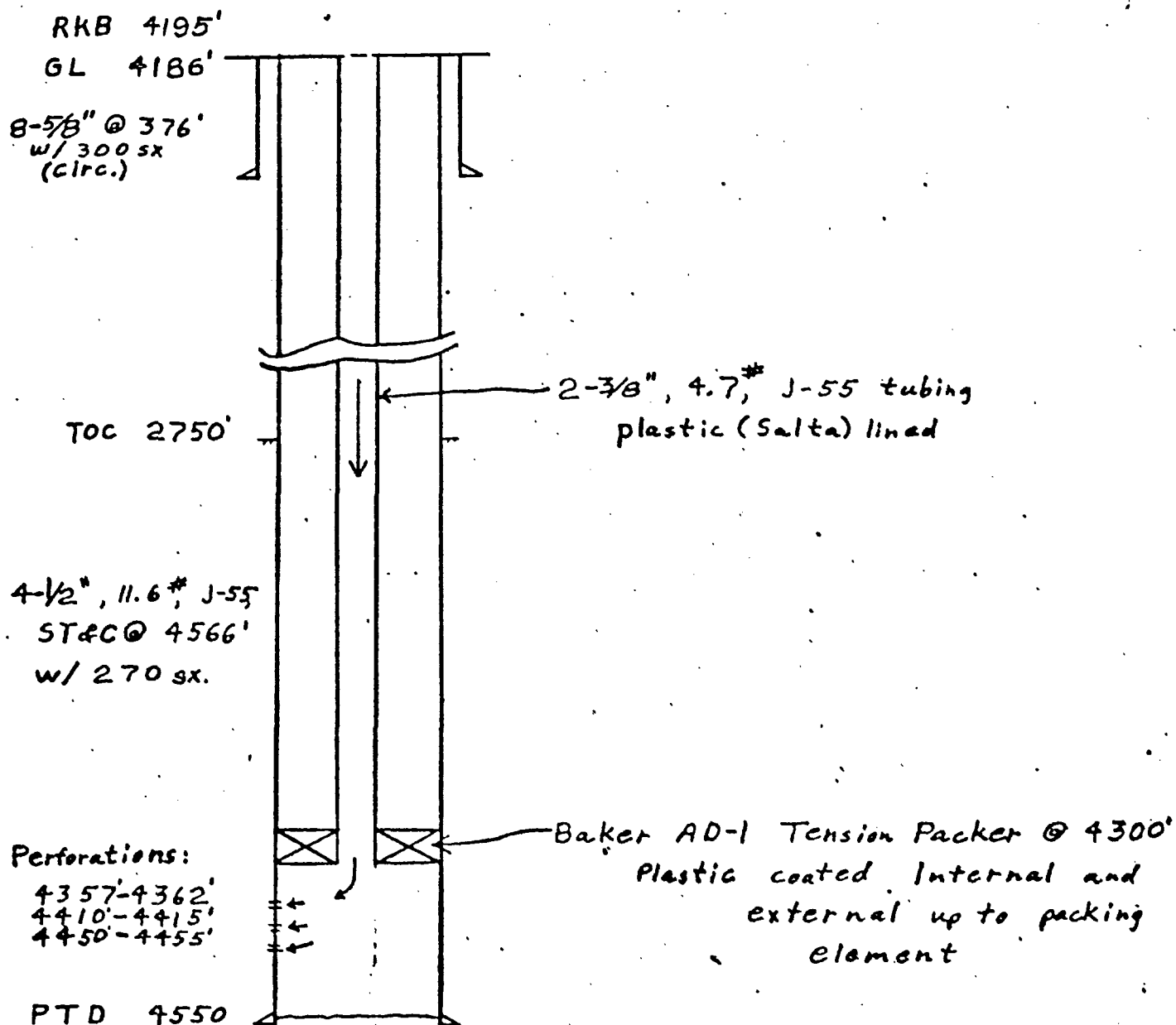
Proposed Completion for Water Injection

DRAWN	F65	2-19-76	AFE NO.	DWG. NO.
CHECKED				
APPROVED			SCALE None	SHEET NO.

REVISION

BY

DATE



Proposed Completion for Water Injection

BARTLESVILLE, OKLAHOMA

Phillips State E Well #10

.990 FSL, 1650 FEL, Sec 9, T-17-S, R-33-E

Lea Co., New Mexico

DRAWN

FSS

2-19-76

AFE NO.

DWG. NO.

CHECKED

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



SHENANDOAH OIL CORPORATION

April 13, 1976

B. J. KELLENBERGER  
PRESIDENT

1500 COMMERCE BUILDING  
FORT WORTH, TEXAS 76102  
817/332-7381  
TWX 910 890 5023

New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501  
Attention: Mr. Joe D. Ramey

Phillips Petroleum Company  
Phillips Building  
Odessa, Texas 79761  
Attention: Mr. T. Harold McLemore

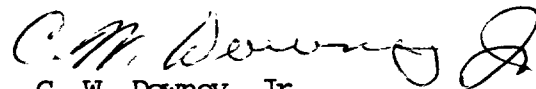
Re: Waiver for Expansion of  
Phillips Northeast Maljamar  
Waterflood Project

Gentlemen:

In answer to your request for waivers on your expansion of waterflood project in Sections 8 and 9, T-17-S, R-33-E, Shenandoah Oil Corporation has no objections to the conversion to injection of Wells 5 and 10 in the sections listed above.

Respectfully,

SHENANDOAH OIL CORPORATION

  
C. W. Downey, Jr.  
Operations Superintendent

CWDJr:ah

cc: C. Bellah

OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE March 11, 1976

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

Gentlemen:

I have examined the application dated \_\_\_\_\_  
for the Phillips Pet. Co. Phillips "E" State #5-I, 8-17-33, & #10-O, 9-17-33  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

