



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79761  
PHILLIPS BUILDING

NATURAL RESOURCES GROUP  
Exploration and Production

May 24, 1976

*2672*



Philmex Waterflood Project—  
Lea County, New Mexico

File: W4-Ta-265-76

*WFX - 439  
due now  
(waivers rec'd)*

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 of our proposal to substitute Philmex Well No. 6 - Unit M, 27, 17-S, 33-E, for Philmex Well No. 5 - Unit N, 27, 17-S, 33-E, Lea County, to serve as a water injection well in the captioned project which was approved by New Mexico Oil Conservation Commission Order No. R-3668. Copies of our request for waivers—and the waivers—from offset operators are attached in support of this request. Also enclosed is a completion schematic and electric log on No. 6 and an area plat.

Initiation of the Philmex flood project has been delayed several years pending obtainment of an adequate water supply. Sufficient produced water from Phillips' area properties now exists to proceed with this program.

Subsequent to the approval of Well No. 5 for injection service, Well No. 6 went to 100% water production and was shut down. Well No. 6 is offset by water injection to the north and west. Conversion of Well No. 6 would eliminate loss of current production from Well No. 5 and yield an earlier flood response.

Your consideration and administrative action will be appreciated.

Very truly yours,

T. Harold Mclemore,  
PHILLIPS PETROLEUM COMPANY

THM:db  
Attachments  
cc: New Mexico Oil Conservation Commission, Hobbs  
Attachments



# PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79761  
PHILLIPS BUILDING

NATURAL RESOURCES GROUP  
Exploration and Production

May 12, 1976

Philmex Waterflood Project -  
Lea County, New Mexico

File: W4-Ta-241-76

Pennzoil Company  
Drawer 1828  
Midland, Texas 79701

Target Production Company  
P. O. Box 922  
Lovington, New Mexico 88260

Attention: Mr. J. C. Raney,  
Advanced Petroleum Engineer

Attention: Mr. Johnny Wilson,  
President

Gentlemen:

We respectfully request your waiver of objections to the proposal to substitute Philmex Well No. 6—Unit M, 27, 17-S, 33-E, for the Philmex Well No. 5—Unit N, 27, 17-S, 33-E, Lea County, to serve as a water injection well in the captioned project which was approved by N.M.O.C.C. Order No. R-3668. Further, we request your waiver of a hearing on our formal request for this change in designated injection wells when it is presented to the New Mexico Oil Conservation. Our records show you to be the only operators offsetting the proposed Philmex Waterflood Project, Maljamar Grayburg San Andres Pool.

Initiation of this project has been delayed for several years pending obtainment of an adequate water supply. Sufficient produced water from Phillips' properties in the area now exists to proceed with this injection project. Subsequent to the approval of Well No. 5 for water injection, Well No. 6 went to 100% water production and was shut down. Well No. 6 is offset by water injection to the north and west. Conversion of Well No. 6 would eliminate loss of current production from Well No. 5 and yield an earlier flood response.

The attached schematic reflects the proposed completion of Well No. 6. We also attached a plat of the Philmex and offset lease area.

To: Pennzoil Company & Target Production Company  
File: W4-Ta-241-76  
Date: April 12, 1976  
Page: 2

If you have no objections to our proposal to substitute Well No. 6 for Well No. 5 for injection purposes, nor to waiving a hearing before the New Mexico Oil Conservation Commission on this proposal, please execute four copies of the enclosed waiver and return them to me in the prepared envelope.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

*W. B. Taylor, Jr.*  
W. B. Taylor, Jr.,  
Staff Director, Reservoir Engineering

HM:amw  
Enclosures

cc: New Mexico Oil Conservation Commission —  
— Santa Fe  
— Hobbs

WAIVER OF OBJECTIONS

\_\_\_\_\_, as an offset operator, hereby waives any and all objections to the proposal of Phillips Petroleum Company to substitute its Philmex Well No. 6 - M, 27, 17-S, 33-E, for Philmex Well No. 5 - N, 27, 17-S, 33-E, Lea County, for water injection service in their Philmex Waterflood Project - Maljamar Grayburg - San Andres Pool. We further waive hearing on this proposal before the New Mexico Oil Conservation Commission.

Approval of this project and of Well No. 5 for injection service was by N.M.O.C.C. Order No. R-3668.

OPERATOR: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

HM: amw

WAIVER OF OBJECTIONS

Phillips Petroleum Co. Inc., as an offset operator, hereby waives any and all objections to the proposal of Phillips Petroleum Company to substitute its Philmex Well No. 6 - M, 27, 17-S, 33-E, for Philmex Well No. 5 - N, 27, 17-S, 33-E, Lea County, for water injection service in their Philmex Waterflood Project - Maljamar Grayburg - San Andres Pool. We further waive hearing on this proposal before the New Mexico Oil Conservation Commission.

Approval of this project and of Well No. 5 for injection service was by N.M.O.C.C. Order No. R-3668.

OPERATOR: Phillips Petroleum Co. Inc.  
BY: Charles E. Wilson  
TITLE: President  
DATE: 5-13-76

HM: amw

WAIVER OF OBJECTIONS

Pennzoil Company, as an offset operator, hereby waives any and all objections to the proposal of Phillips Petroleum Company to substitute its Philmex Well No. 6 - M, 27, 17-S, 33-E, for Philmex Well No. 5 - N, 27, 17-S, 33-E, Lea County, for water injection service in their Philmex Waterflood Project - Maljamar Grayburg - San Andres Pool. We further waive hearing on this proposal before the New Mexico Oil Conservation Commission.

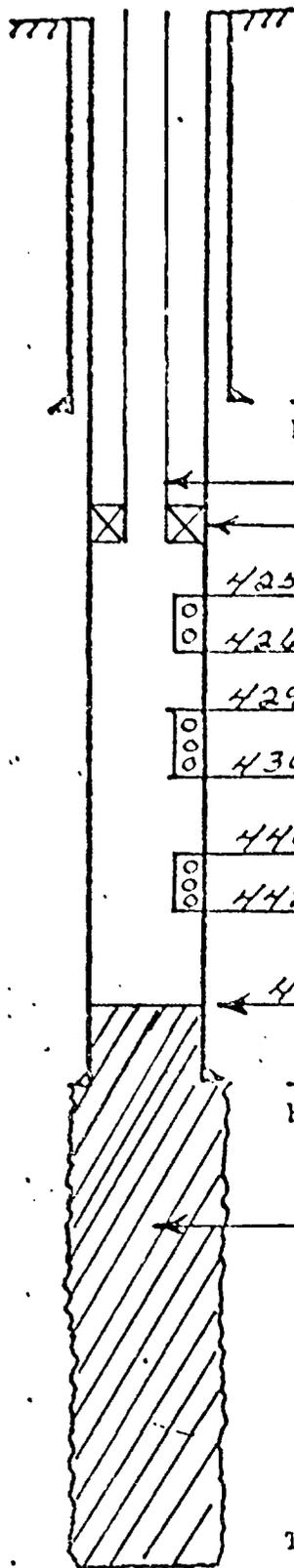
Approval of this project and of Well No. 5 for injection service was by N.M.O.C.C. Order No. R-3668.

OPERATOR: Pennzoil Company  
BY: W.C. Hayer  
TITLE: Division Manager  
DATE: May 20, 1976

HM: amw

FIELD	MALJAMAR	OPERATOR	Phillips Petco, Co.	DATE	MAY 1976
LEASE	PHILMEX	WELL NO.	6	LOCATION	M-27-175-33E

RKB - 4170'  
GL. - 4160'



8 5/8" casing set at 1490' with 920 sx of INCON cement  
Hole size 11" 24 #/ft. J-55 CEMENT CIRCULATE

2 3/8" O.D. 4.7# J-55 Tubing with plastic (SALTA) LINING.  
BAKIR AD-1 TENSION PACKER @ 4200'

4250'  
4260' Grayburg  
4294' SAND  
4306' PERFORATIONS  
4400'  
4420'

4433' PBTD

5 1/2" casing set at 4451' with 460 sx of INCON cement  
Hole size 7 7/8" 14 #/ft. J-55 TOC @ 255' T.S.

OPRN HOLE INTERVAL HAS BEEN  
ABANDONED WITH HYDROMITE CMT.  
plug.

4 3/4" OPRN HOLE  
Total Depth 4555'

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

OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE June 1, 1976

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

Gentlemen:

I have examined the application dated \_\_\_\_\_  
for the Phillips Petroleum Co. Philmex #6-M 27-17-33  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

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

Yours very truly,  
  
\_\_\_\_\_