

PHILLIPS PETROLEUM COMPANY

ODESSA,TEXAS 79760 PHILLIPS BUILDING, FOURTH & WASHINGTON

EXPLORATION & PRODUCTION DEPARTMENT

June 14, 1972

JUN 1 9 1972

Reply to:

OIL CONSTRUANTE Scene Fr

T. Harold McLemore (915) 337-8611, Ext. 257

7-5: Philmex No. 9 -Application to Convert to
Salt Water Disposal--Vacuum
(Grayburg/San Andres) Field,
Lea County, New Mexico

File: W2-Ed-399-72

New Mexico Oil Conservation Commission (3) P. O. Box 2088

Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Secretary-Director

Gentlemen:

We respectfully request administrative approval for the conversion of our Philmex No. 9 (Unit B--26-17-S-33-E) to salt water disposal in the lower portion of the San Andres formation under provisions of Order No. 4 of NMOCC Order No. R-3079 dated June 15, 1966. The Philmex No. 9 was completed in the Vacuum (Grayburg/San Andres) Field in May, 1963, for IPP of 19 BOPD and 1 BWPD through perforation intervals from 4542' to 4695'. This well has been shut down since June, 1970, when production declined to less than 1 BOPD with 2 BWPD. This 4542-4695' completion interval will be squeezed with 100 sacks of cement prior to conversion to salt water disposal service. It is proposed to perforate lower portions of the San Andres formation from 4960' to 5090' and dispose of produced water from various Phillips' operated leases in this area, including the Leamex and Philmex leases. The proposed salt water disposal interval is 250+' below the estimated San Andres zone oil-water contact in this area (4700') and is 250+' above the top of the Glorieta formation (6060').

We attach Form C-108 "Application to Dispose of Salt Water by Injection into a Porous Formation", a diagrammatic sketch of the casing and proposed completion of Philmex No. 9, an area plat identifying offset operators, as well as individual well completion data, copies of letters requesting waivers from all offsets and from the surface land lessee, and an electric log with pertinent data thereon.

Your early consideration of this proposal subject to the receipt of the requested waivers or of the 15-day protest waiting period will be appreciated.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

F. F. Lovering, Manager Southwestern District

HM:rm Attach.

cc: New Mexico Oil Conservation Commission, Hobbs, New Mexico Attach.

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NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

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NAME AND ADDRESS OF SURFACE OWNER (OR			Duage ne	ease #B-2229		
George Williams, 207 Av	renue B,	Lovington, I	New Mexico	88260 - Less	ee	
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ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF ARE		ELECTRICAL		I	GRAMMATIC SKETCH OF WELL
		Yes		Yes		Yes

D. J. Fisher	Associate Reservoir Engineer	June 13, 1972
(Signature)	(Title)	(Date)

NOTE: Should waivers from the surface owner and all operators within one-half rile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

CMTD W/375 SX. - CIRCULATED WATER INJECTION FLOW -MT TOC 2800' Z * OD PLASTIC LINED TOC 3000' TUBIKS PERFORMIONS SQUEEZED OFF & & CASING SET AT 4664' BAKER "AD" TENSION PACKER '4960**'** SAN ANDRES ZONE 50101 SET AT 4850' 15070 PERFORATIONS PEPFOFATORS 4872-76 SQUEEZED OFF -5090' PBTD 5800' 5½" CASING SET AT 11,479' CMID WHOLL SK., TOC 3000' NO. DATE REVISION CHKD APP'D FOR DIDS AFE NO. FILE CODE PHILLIPS PETROLEUM COMPANY FOR APPR BARTLESVILLE, OKLAHOMA SCALE MOME FOR CONST UNLESS OTHERWISE NOTED PHILMEX NO. 9 DESIGN DWG

SEC. 25, T-17-5, R-33-E

LEA COUNTY, NEW MEXICO

NO.

SH

NO.

FORM 1779 12-71

REE 6-72

DRAWN

APP'D

CHECKED

EXPLORATION & PRODUCTION DEPARTMENT June 13, 1972

Reply to:

T. Harold McLemore (915) 337-8611, Ext. 257

7-5: Philmex Well No. 9-Conversion to Salt Water Disposal
Service--Vacuum (Grayburg/San Andres)
Field, Lea County, New Mexico

File: W2-Ed-397-72

Mr. George Williams 207 Avenue B Lovington, New Mexico 88260

Dear Mr. Williams:

We respectfully request your waiver of objections to our proposal before the Oil Conservation Commission of New Mexico to convert our Philmex Well No. 9--located in Unit B, 660 feet FN and 1980 feet FE Lines, Section 26, T-17-S, R-33-E, Lea County, New Mexico--to salt water disposal service in the Lower San Andres zone of the Vacuum (Grayburg/San Andres) Field with injection interval between 4960' and 5090'.

Details of well equipment and completion data as well as the proposed salt water disposal procedure are given on our Form C-108 "Application to Dispose of Salt Water by Injection into a Porous Formation" which is attached.

Our records reflect that you are the surface lessee of the acreage on which the subject well is located; therefore, your waiver of objections, by the execution hereof in the space provided, will be appreciated. Kindly mail the copies as indicated in their enclosed self-addressed and stamped envelopes.

Your early consideration will be appreciated.

Yours very truly,

F. F. Lovering, Manager Southwestern District

PHILLIPS PETROLEUM COMPANY

THM:rm Attach.

cc: New Mexico Oil Conservation Commission - (3), Santa Fe, New Mexico - (1), Hobbs, New Mexico

Objections Waived:	Mr. George Williams
	Ву:
	D. J

EXPLORATION & PRODUCTION DEPARTMENT

June 13, 1972

Reply to:

T. Harold McLemore (915) 337-8611, Ext. 257

7-5: Philmex Well No. 9 --Conversion to Salt Water Disposal Service--Vacuum (Grayburg/San Andres) Field, Lea County, New Mexico

File: W2-Ed-396-72

Richmond Drilling Company P. O. Box 1547 Midland, Texas 79701

Gentlemen:

We respectfully request your waiver of objections to our proposal before the Oil Conservation Commission of New Mexico to convert our Philmex Well No. 9--located in Unit B, 660 feet FN and 1980 feet FE Lines, Section 26, T-17-S, R-33-E, Lea County, New Mexico--to salt water disposal service in the Lower San Andres zone of the Vacuum (Grayburg/San Andres) Field with injection interval between 4960' and 5090'.

Details of well equipment and completion data as well as the proposed salt water disposal procedure are given on our Form C-108 "Application to Dispose of Salt Water by Injection into a Porous Formation" which is attached.

Our records reflect that you operate offset acreage; therefore, your waiver of objections, by the execution hereof in the space provided, will be appreciated. Kindly mail the copies as indicated in their enclosed self-addressed and stamped envelopes.

Your early consideration will be appreciated.

PHILLIPS PETROLEUM COMPANY

F. F. Lovering, Manager

Yours very truly,

Southwestern District

THM:rm Attach.

cc: New Mexico Oil Conservation Commission - (3), Santa Fe, New Mexico - (1), Hobbs, New Mexico

Objections Waived:	Richmond Drilling Company
	Ву:
	Date:

RICHMOND DRILLING CO.

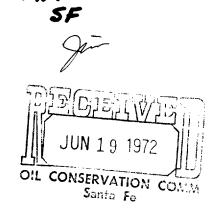
PHONE 682-4012 P. O. BOX 1547
MIDLAND, TEXAS 79701

June 15, 1972

Re: 7-5 Philmex Well No. 9

Conversion to Salt Water Disposal Service-Vacuum Field, Lea County

Your File: W1-Ed-396072



Mr. T. Harold McLemore Phillips Petroleum Company Odessa, Texas

Dear Mr. McLemore:

I have your letter of June 13th requesting a waiver from Richmond Drilling Company for the conversion to Salt Water Disposal Service of the Philmex Well #9 shown in the above caption.

It would seem that your map shows Richmond Drilling Company as the owner of an oil and gaslease on the SE/4 Sec. 22-17-33, near the west edge of the Vacuum Pool. Richmond Drilling Company drilled a well in the SW SE of Sec. 22 in either 1940 or 1941 and acquired title to the SE/4 thereby. This SE/4 was a farmout from Shell. We abandoned this well in either 1940 or 1941 and therefore lost any right we acquired to this oil and gas lease. I assume that Shell's rights also expired on the abandonment and the the SE/4 of Sec. 22 is now unleased state land.

E. E. Reigle

EER/rd

PHILLIPS BUILDING, FOURTH & WASHINGTON

EXPLORATION & PRODUCTION DEPARTMENT June 13, 1972



Reply to:

T. Harold McLemore (915) 337-8611, Ext. 257

7-5: Philmex Well No. 9 -Conversion to Salt Water Disposal
Service--Vacuum (Grayburg/San Andres)
Field, Lea County, New Mexico

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Yours very truly,

PHILLIPS PETROLEUM COMPANY

F. F. Lovering, Manager Southwestern District

THM:rm Attach.

cc: New Mexico Oil Conservation Commission - (3), Santa Fe, New Mexico - (1), Hobbs, New Mexico

Objections Waived: Richmond Drilling Company

By: Richmond Drilling Company claims no oiland gas lease rights to SW SE Sec. 22-17S-33E

Date: 6/15/72

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

January 27, 1988

Phillips Petroleum Company 4001 Penbrook Odessa, TX 79762

Attention: L.M. Sanders

RE: Injection Pressure Increase

Maljamar SWD Well No. 1 Lea County, New Mexico

Dear Sir:

Reference is made to your request dated December 29, 1987, to increase the surface injection pressure on the Maljamar SWD Well No. 1. This request is based on a step rate test conducted on the well on October 6, 1987. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on the well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well.

WELL & LOCATION

MAXIMUM INJECTION SURFACE PRESSURE

Maljamar SWD Well No. 1 660 FNL & 1980 FEL (Unit B) Section 26, T-17 South, R-33 East, NMPM, Lea County, New Mexico 1570 PSIG

The Division Director may rescind this injection pressure increase it is becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

William J. LeMay

WJL/DRC/ag

xc: OCD - Hobbs

D. McDonald D. Catanach

File: SWD - 126

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