

AIMOCD - Artesia

Form 3160-5
November 1983)
Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN 2 COPIES
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
NM-0544386(8) &
NM-0546732-A

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Phillips Petroleum Company		8. FARM OR LEASE NAME Christopher 31 Fed	
3. ADDRESS OF OPERATOR 4001 Penbrook Street, Odessa, TX 79762		9. WELL NO. & Leah 31 Fed Leases	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		10. FIELD AND POOL, OR WILDCAT Undesignated (Delaware)	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T-23-S, R-31-E	
15. ELEVATIONS (Show whether SP, RT, GR, etc.) 3347' GR (Unprepared)		12. COUNTY OR PARISH Eddy	
		13. STATE NM	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Surface Commingle

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request to surface commingle approval per attached letter previously filed 5/24/93.

RECEIVED
AUG 16 8 22 AM '93
CARTER
ARTS

18. I hereby certify that the foregoing is true and correct

SIGNED <u>L. M. Sanders</u>	TITLE <u>Supv., Regulatory Affairs</u>	DATE <u>08-11-93</u>
(This space for Federal or State office use) Orig. Signed by Shannon J. Shaw		(915) 368-1488
APPROVED BY <u></u>	TITLE <u></u>	DATE <u>9/1/93</u>
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

May 24, 1993

Re: Christopher Federal "31"
(NM-0546732-A)
Leah Federal "31" (NM-0544986-B)
Surface Commingling Authority

Bureau of Land Management
Carlsbad Resource Office
P. O. Box 1778
Carlsbad, New Mexico 88220

Gentlemen:

Phillips Petroleum Company requests approval to combine production from the Christopher Federal "31" and Leah Federal "31" leases.

The proposed commingling operation is located in Section 31, T-23-S, R-32-E, Eddy County, New Mexico. The Christopher Federal "31" lease consists of all of Section 31 with the exception of the NE 1/4 SE 1/4, which is the Leah Federal "31." The U. S. Government owns a 1/8 royalty interest in both leases.

At this time, Phillips plans to drill four Delaware oil wells in Section 31:

Christopher Fed No. 1
Christopher Fed No. 2
Christopher Fed No. 3
Leah Fed No. 1

330' FNL & 330' FEL → *Denied (POTASH)*
1980' FNL & 330' FEL
660' FSL & 330' FEL
1980' FNL & 330' FEL

It is expected that production from these wells will be from two Brushy Canyon (Delaware) pay zones at $\pm 7740'$ and $\pm 7835'$. The gravity of the oil from each well should be the same - approximately 39°.

Proposed Operation:

The Leah Federal "31" No. 1 will be equipped with a test heater treater with oil metering pot for oil production allocation purposes. Oil production from the Leah Federal "31" No. 1 will be metered and recombined with the well's produced water. The recombined fluid will flow through a flow line to the inlet header at the Christopher Federal "31" tank battery where it will be commingled with produced fluids from the Christopher Federal "31" wells. Oil production will be allocated back to the Leah Federal lease based on the daily oil volume measurements

Bureau of Land Management
Carlsbad, New Mexico

-2-

May 24, 1993

at the oil metering pot. The remaining oil production to be allocated to the Christopher Federal "31" lease will be calculated as total oil sales volume at the tank battery minus oil production allocated to the Leah Federal "31" No. 1.

Produced gas from the Leah Federal "31" No. 1 will be sold through a gas sales meter to be installed at the well site. Produced gas sold at the Christopher Federal "31" tank battery will be allocated to the Christopher Federal lease only.

A map showing the participating leases and wells is attached with a diagram depicting the flow regime and production equipment to be used in the commingling operation.

The three Christopher Federal "31" wells are forecasted to initially produce a total of ± 550 BOPD and 550 BWPD. The Leah Federal "31" No. 1 is forecasted to initially produce ± 150 BOPD and 150 BWPD.

Federal royalties will not be reduced in any way from the commingling of production from the two federal leases.

Very truly yours,

PHILLIPS PETROLEUM COMPANY

A handwritten signature in cursive script, appearing to read "L. M. Sanders".

L. M. Sanders, Supervisor
Regulatory Affairs

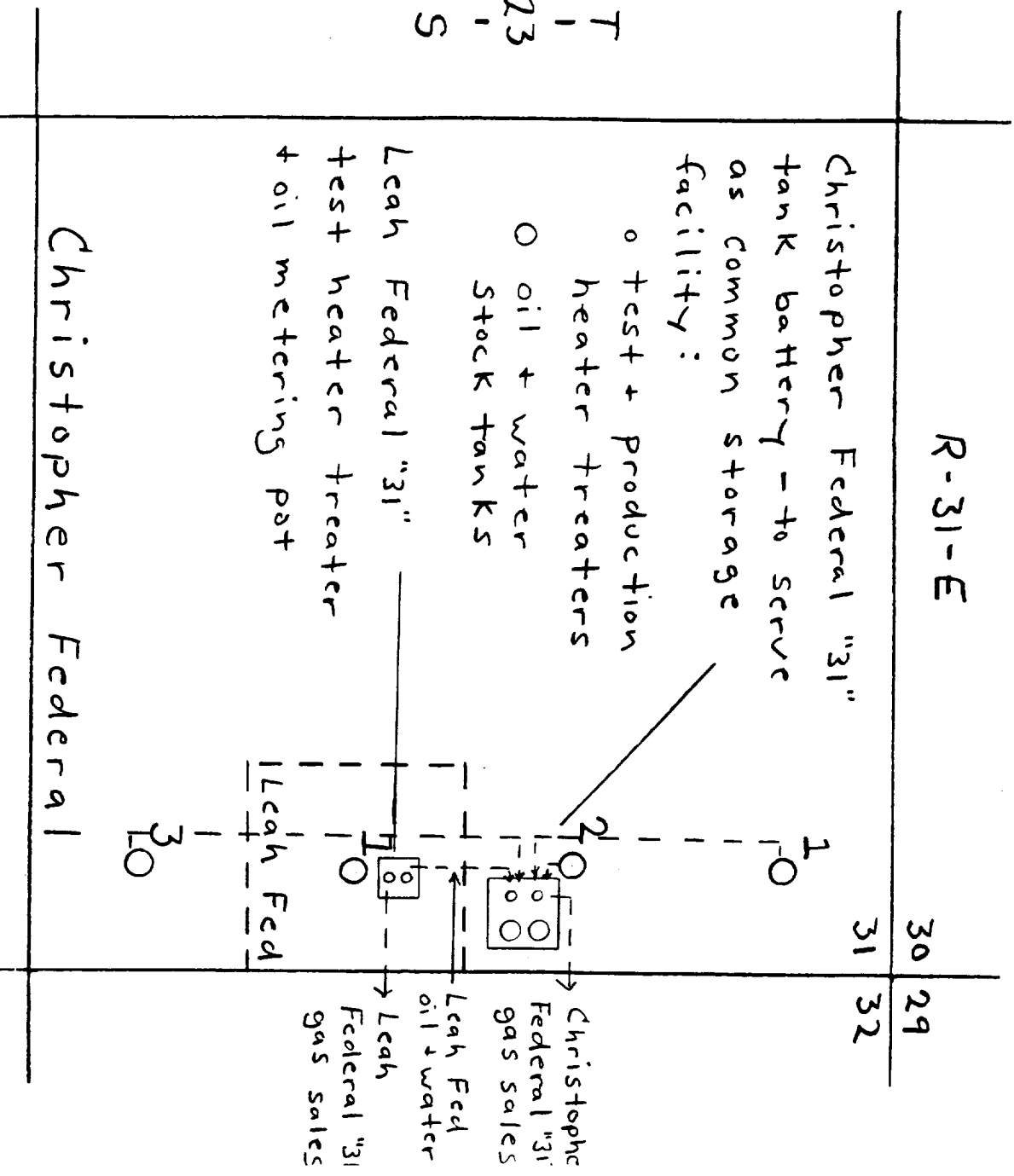
LMS:JM:ehg
Attachments

cc: Oil Conservation Division - Artesia

RegPro:JMapl:Chs&LehF.BLM

Phillips Petroleum Company
 Christopher Federal "31" +
 Leah Federal "31" leases

Diagram of Proposed
 Commingling Operations



Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Arriba Rd., Alamo, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM COMPANY			Lease CHRISTOPHER "31" FEDERAL		Well No. # 1
Unit Letter A	Section 31	Township 23 SOUTH	Range 31 EAST	County EDDY	

Actual Footage Location of Well:

330 feet from the NORTH line and		330 feet from the EAST line	
Ground level Elev. 3347'	Producing Formation WEST SAND DUNES (DELAWARE)	Foot	Dedicated Acreage: Acres

1. Outline the acreage dedicated to the subject well by colored pencil or inkline marks on the plat below.

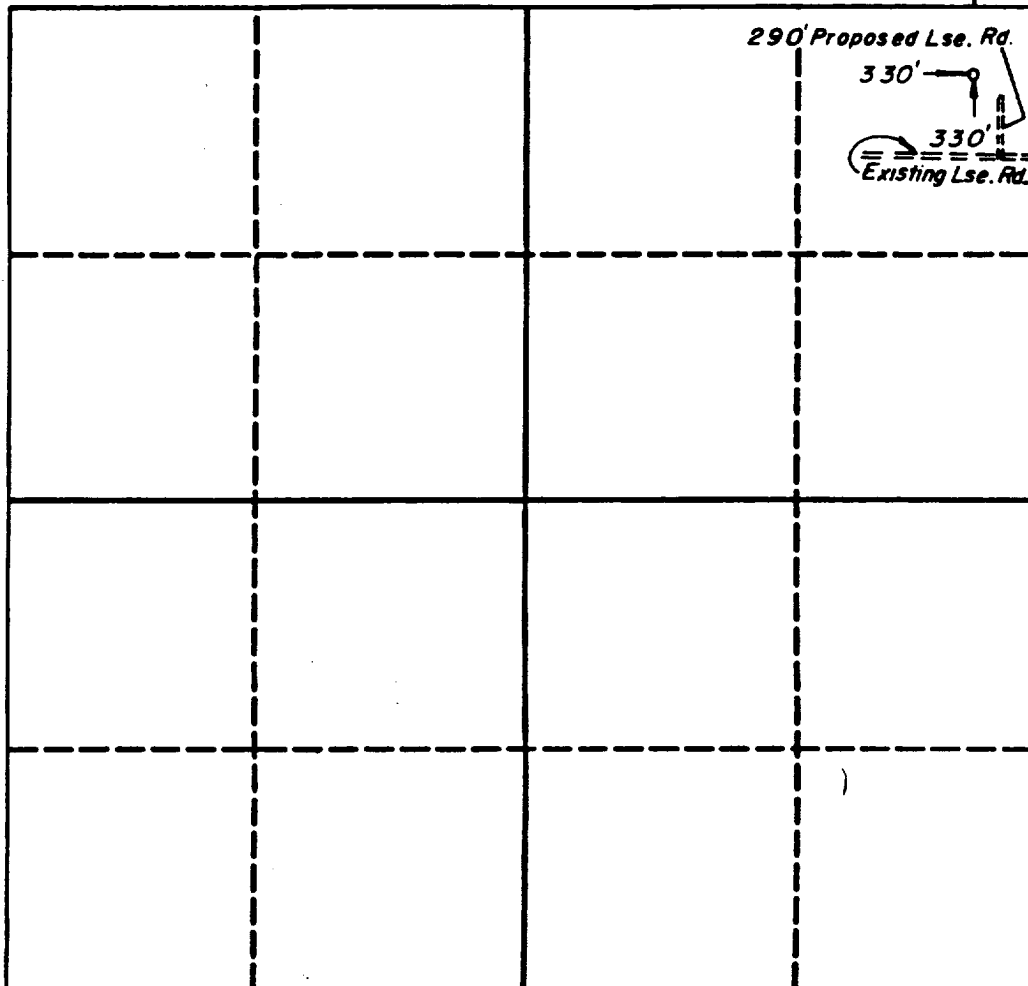
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Position

Company

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

APRIL 23, 1993

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.

4882



DISTRICT I
P.O. Box 1900, Hobbs, NM 88240

DISTRICT II
P.O. Lower DD, Artesia, NM 88210

DISTRICT III
1000 Elm Street Rd., Artesia, NM 87410

OIL CONSERVATION DIVISION

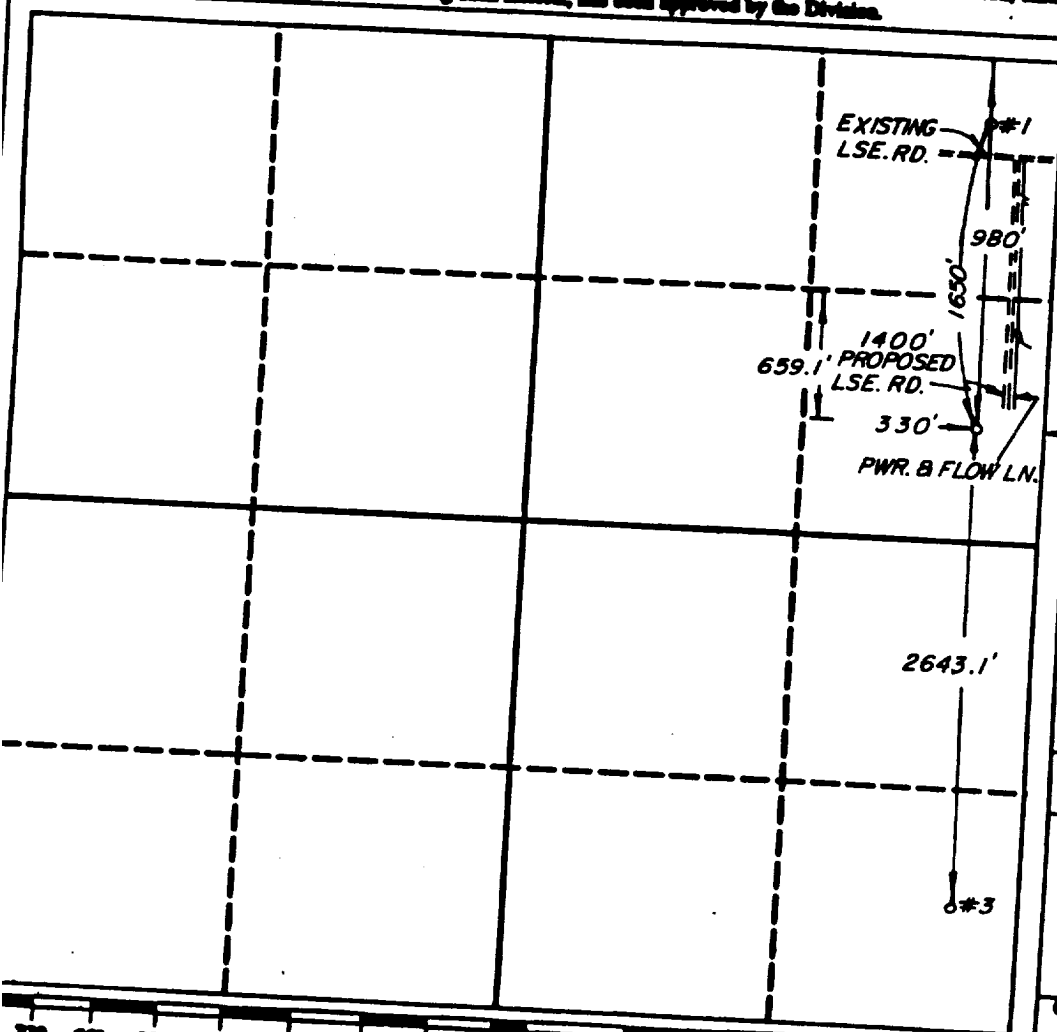
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM COMPANY			Lease CHRISTOPHER FEDERAL "31"		Well No. #2
Unit Letter H	Section 31	Township 23 SOUTH	Range 31 EAST	County EDDY	
Actual Footage Location of Well: 1980 feet from the NORTH line and 330 feet from the EAST line Ground level Elev. 3356' Producing Formation WEST SAND DUNE (DELAWARE) Dedicated Acreage: _____ Acres					

- Outline the acreage dedicated to the subject well by colored pencil or indelible marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, forced-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and trust descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Position

Company

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

4-30-93

Date Surveyed

Signature & Seal of Professional Surveyor

Bill B. [Signature]
Certificate No.

4882

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-162
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1960, Hobbs, NM 88240

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Box 100, Artesia, NM 88210

DISTRICT III
1000 Rio Arriba Rd., Aztec, NM 87410

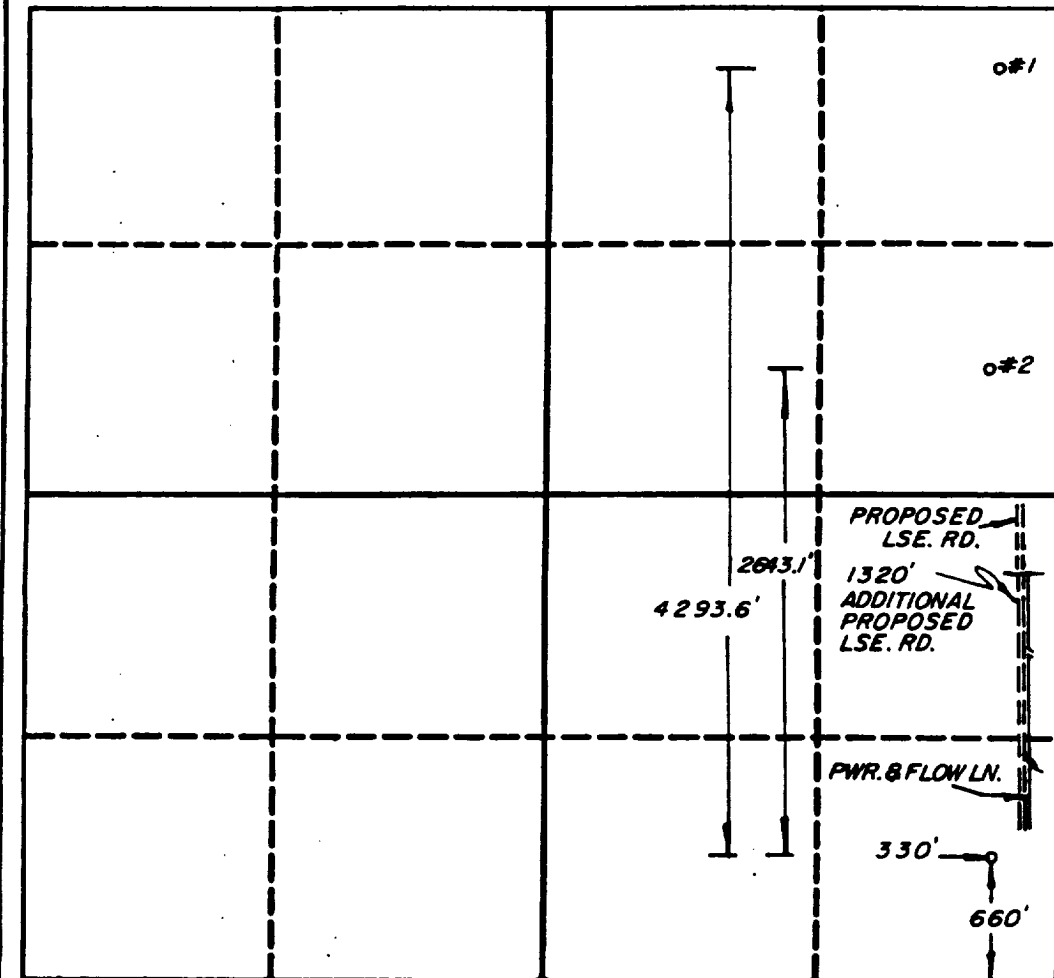
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM COMPANY			Lease CHRISTOPHER FEDERAL "31"		Well No. #3
Unit Letter P	Section 31	Township 23 SOUTH	Range 31 EAST	County EDDY	

Actual Footage Location of Well: 660 feet from the SOUTH line and 330 feet from the EAST line					
Ground level Elev. 3386'	Producing Formation WEST SAND DUNE (DELAWARE)			Dedicated Acreage Acres	

- Outline the acreage dedicated to the subject well by colored pencil or indelible marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, forced-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Position

Company

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

4-30-93

Date Surveyed

Signature & Seal of
Professional Surveyor

[Signature]

Certificate No.

4882

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

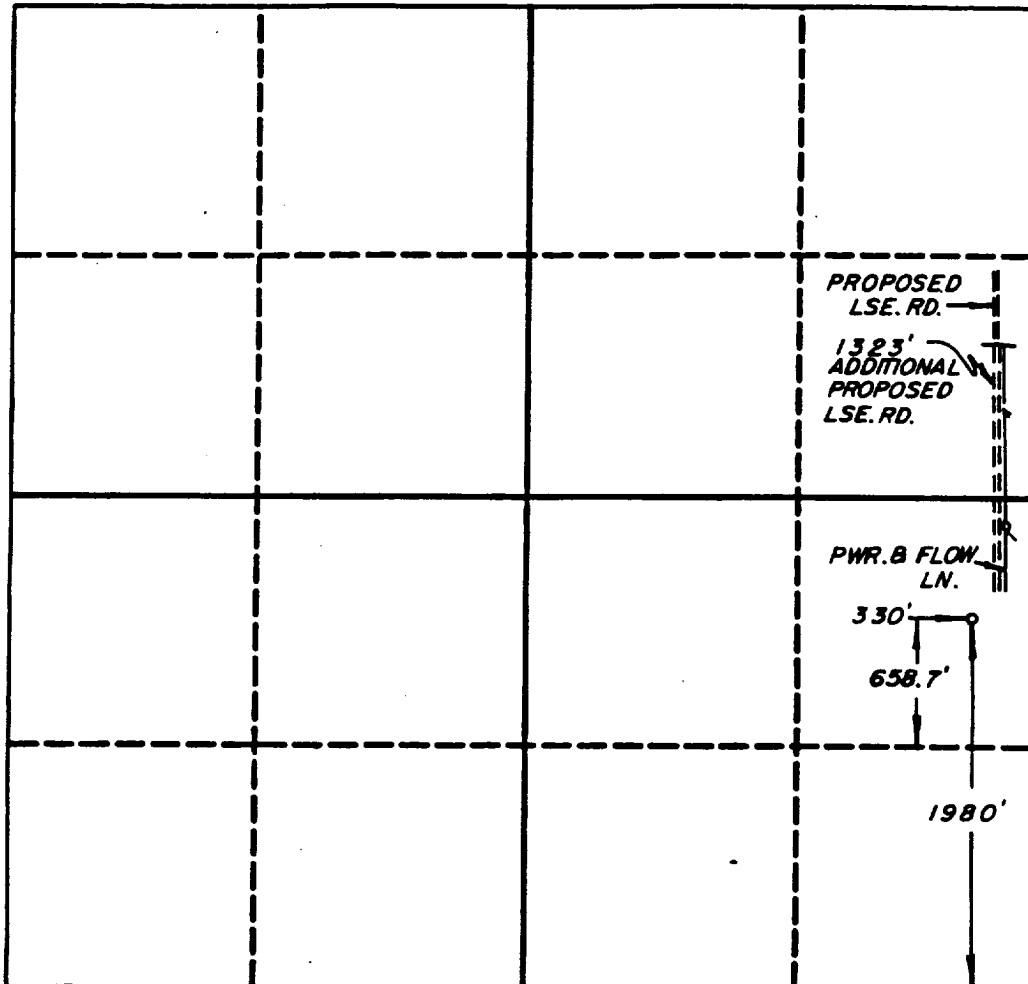
DISTRICT III
1000 Rio Arriba Rd., Artesia, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM COMPANY			Lease LEAH FEDERAL "31"	Well No. #1
Unit Letter I	Section 31	Township 23 SOUTH	Range 31 EAST	County EDDY

Actual Footage Location of Well: 1980 feet from the SOUTH line and 330 feet from the EAST line				
Ground level Elev. 3372'	Producing Formation WEST SAND DUNE (DELAWARE)			Dedicated Acreage: Acres

- Outline the acreage dedicated to the subject well by colored pencil or Indian marks on the plat below.
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Printed Name

Position

Company

Date

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4-30-93

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.

4882