



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

November 24, 1993

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

Phillips Petroleum Company  
4001 Penbrook  
Odessa, TX 79762

Attention: L.M. Sanders

*Administrative Order DD-89*

Dear Mr. Sanders:

Under the provisions of General Rule 111 (c), (d) and (e), Phillips Petroleum Company made application to the New Mexico Oil Conservation Division on November 12, 1993, for authorization to directionally drill its proposed Christopher "31" Federal Well No. 1, Eddy County, New Mexico.

The Division Director Finds That:

- (1) The application has been duly filed under the provisions of Rule 111(d) and (e) of the Division General Rules and Regulations;
- (2) The applicant has presented satisfactory evidence that all requirements prescribed in General Rule 111 will be met; and
- (3) The only off-set operator other than the applicant, submitted a waiver of objection to the subject application.

**IT IS THEREFORE ORDERED THAT:**

(1) The applicant, Phillips Petroleum Company, is hereby authorized to directionally drill its Christopher "31" Federal Well No. 1, the surface location of which shall be 1100 feet from the North line and 330 feet from the East line (Unit A) of Section 31, Township 23 South, Range 31 East, NMPM, Eddy County, New Mexico, by kicking off from the vertical and drilling in such a manner as to penetrate the entire Undesignated West Sand Dunes-Delaware Pool at a standard oil well location within the NE/4 NE/4 of said Section 31 forming a standard 40-acre oil spacing and proration unit for said pool.

PROVIDED HOWEVER THAT prior to commencing directional drilling operations into said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

PROVIDED HOWEVER THAT during or upon completion of directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

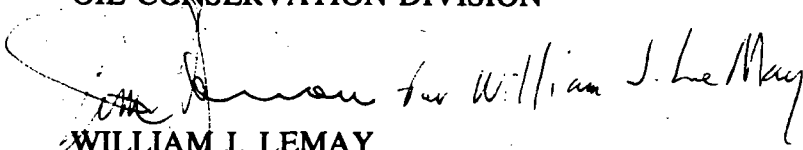
(2) The applicant shall notify the supervisor of the Artesia district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Artesia offices of the Division upon completion.

(3) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(4) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY  
Director

S E A L

WJL/MES/amg

cc: Oil Conservation Division - Artesia  
US Bureau of Land Management - Carlsbad

Rec 10/10/93  
29  
Release 11/18/93



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR  
  
ANITA LOCKWOOD  
CABINET SECRETARY

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

May 11, 1993

Phillips Petroleum Company  
4001 Penbrook  
Odessa, TX 79762

Attention: ~~J. S. Chimahusky~~  
*L.M. Sanders*

Administrative Order DD-81

Dear Mr. Chimahusky:

Under the provisions of General Rule 111 (c), (d) and (e), Phillips Petroleum Company made application to the New Mexico Oil Conservation Division on April 30, 1993, for authorization to directionally drill its proposed ~~James "E"~~ Federal Well No. ~~25~~, Eddy County, New Mexico.  
*Christopher "31"*

The Division Director Finds That:

- (1) The application has been duly filed under the provisions of Rule 111(d) and (e) of the Division General Rules and Regulations;
- (2) The applicant has presented satisfactory evidence that all requirements prescribed in General Rule 111 will be met; and
- (3) The only off-set operator other than the applicant, submitted a waiver of objection to the subject application.

IT IS THEREFORE ORDERED THAT:

- Christopher "31"*
- (1) The applicant, Phillips Petroleum Company, is hereby authorized to directionally drill its ~~James "E"~~ Federal Well No. ~~25~~, the surface location of which shall be 1080 feet from the south line and 995 feet from the West line (Unit ~~2~~) of Section ~~22~~, Township 22 South, Range 20 East, NMPM, Eddy County, New Mexico, by kicking off from the vertical and drilling in such a manner as to ~~bottom in the Undesignated Cabin Lake Delaware Pool~~ at a standard oil well location within the NW 1/4 SW 1/4 of said Section ~~22~~ forming a standard 40-acre oil spacing and proration unit for said pool.

1100  
*West Sand Dunes -*

*penetrate the entire*

*NE 1/4 NE 1/4*

Area 4:

EAST VACUUM OPERATING SAMPLES UNIT

TRACT NO.

WELL NO.

Injectors:

Producers:

3815

1

3815

6

3815

8

333

1

333

4

333

7

3315

2

3815

4

3815

5

3440

1

3440

3

3440

5

3440

7

Area 5:

EAST VACUUM OPERATING SAMPLES UNIT

TRACT NO.

WELL NO.

Injectors:

Producers:

3202

3

3236

6

3202

3

3202

16

3202

19

3236

3

3236

4

3236

5

3236

7

**PROVIDED HOWEVER THAT** prior to commencing directional drilling operations into said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

**PROVIDED HOWEVER THAT** during or upon completion of directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Artesia district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Artesia offices of the Division upon completion.

(3) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(4) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY  
Director

SEAL

WJL/MES/amg

cc: Oil Conservation Division - Artesia  
US Bureau of Land Management - Carlsbad

*Note: Policy has been established  
by previous Order Nos.  
R-9789 - R-9955. I really  
don't feel comfortable w/ this  
order and policy.*

*MS. 11/5/93*

ms. STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 10779  
Order No. R-\_\_\_\_\_

APPLICATION OF PHILLIPS PETROLEUM COMPANY  
TO QUALIFY FIVE PORTIONS OF ITS EAST VACUUM  
GRAYBURG-SAN ANDRES UNIT PRESSURE MAINTENANCE  
PROJECT FOR THE RECOVERED OIL TAX RATE  
PURSUANT TO THE "NEW MEXICO ENHANCED  
OIL RECOVERY ACT," LEA COUNTY, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 A.M. on July  
29, 1993, at Santa Fe, New Mexico, before Examiner  
Michael E. Stogner.

NOW, on this \_\_\_\_ of November, 1993, the Division  
Director, having considered the testimony, the record,  
and the recommendations of the Examiner, and being fully  
advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required  
by law, the Division has jurisdiction of this case and  
the subject matter thereof.

(2) By Order No. R-5871, issued in Case No. 6366



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Area

November 12, 1993

OIL CONSERVATION DIVISION  
RECEIVED

'93 NOV 16 AM 8 43

Re: Application for directional drilling;  
Christopher "31" Federal Well No. 1  
NE/4 NE/4 unit A, Sec. 31, 23-S, 31-E  
West Sand Dunes-Delaware Pool  
Eddy County, New Mexico

State of New Mexico  
Energy, Minerals and Natural Res. Dept.  
P. O. Box 2088  
Santa Fe, New Mexico 87504

Dear Mr. Stogner:

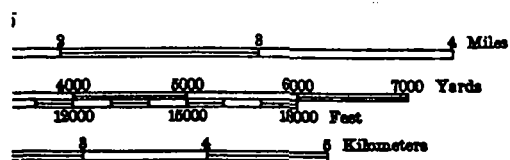
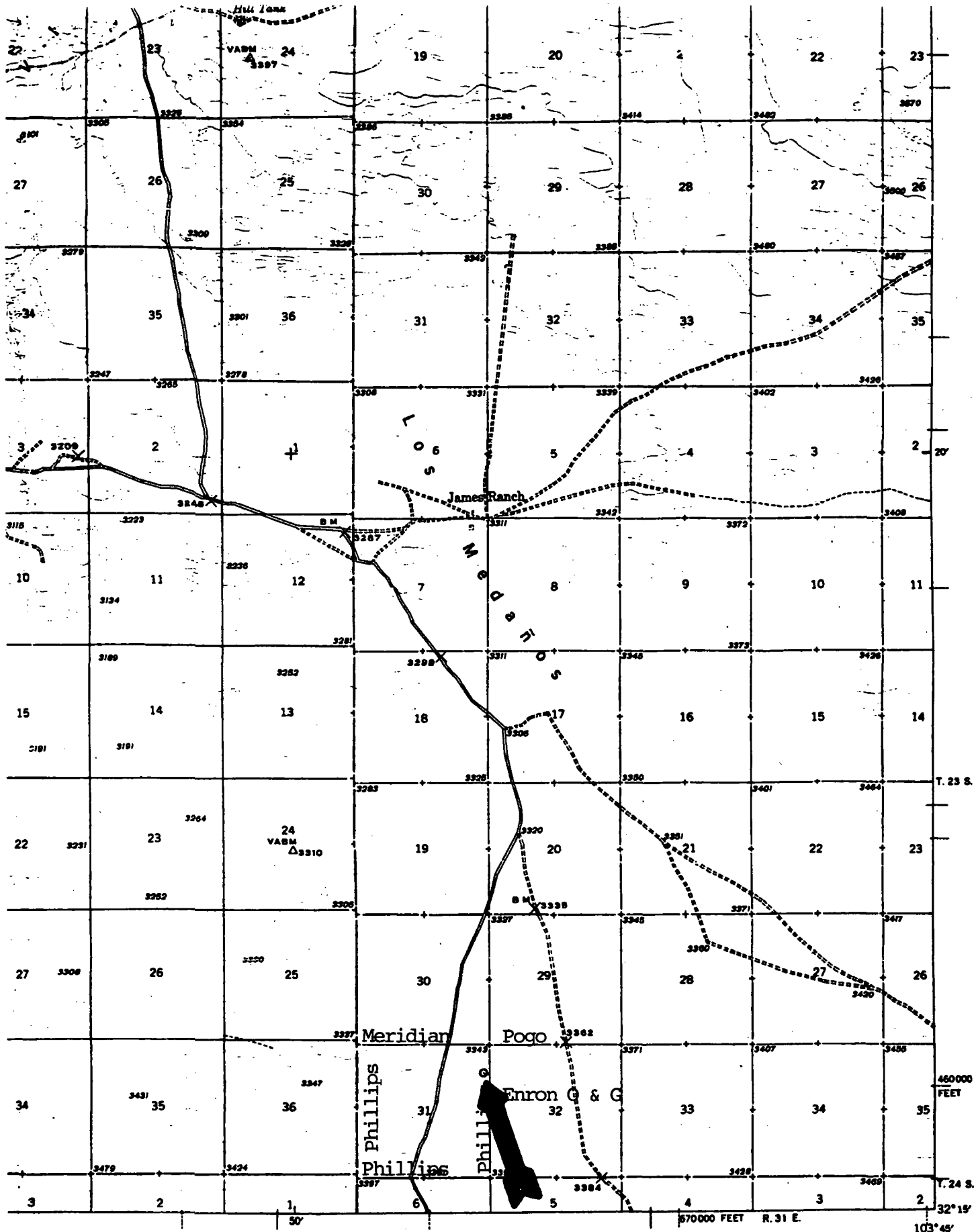
Per your request from letter dated November 10, 1993, attached is a plat showing the ownership of the offsetting leases.

The West Sand Dunes-Delaware is the closest pool that this well follows within the one mile governing limit.

If you need additional information, please call me (915) 368-1488.

Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs



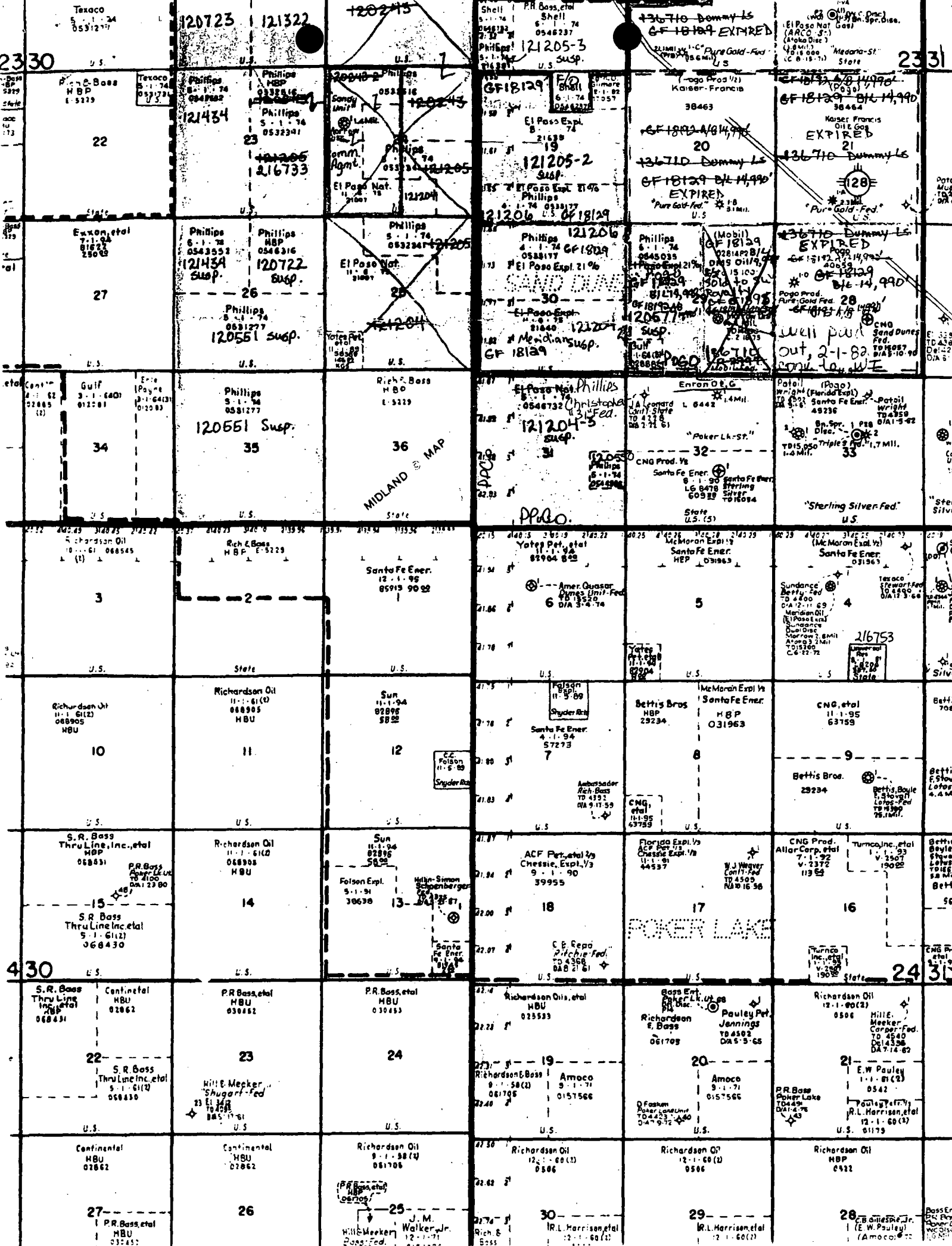
ROUTES USUALLY TRAVELED  
 HARD IMPERVIOUS SURFACES  
 OTHER SURFACE IMPROVEMENTS  
 U. S. ROUTE 1942 STATE ROUTE

Polyconic projection. 1927 North American datum  
 5000 yard grid based on U. S. zone system, E  
 10000 foot grid based on New Mexico (East)  
 rectangular coordinate system

NASH DRAW, N. MEX.  
 N3215-W10345/15  
 Edition of 1943

10 feet  
 level





**SOUTH PEARL-BONE SPRING POOL**  
Lea County, New Mexico

Order No. R-9685, July 1, 1992, Establishing Pool.

T-19-S, R-35-E SE/4 Sec. 35.

**SOUTH PEARL-WOLFCAMP POOL**  
Lea County, New Mexico

Order No. R-9685, July 1, 1992, Establishing Pool.

T-19-S, R-35-E SE/4 Sec. 35.

**SALT LAKE-DELAWARE POOL**  
Lea County, New Mexico

Order No. R-9685, July 1, 1992, Establishing Pool.

T-20-S, R-32-E SE/4 Sec. 14.

**HOBBS-LOWER BLINEBRY POOL**  
Lea County, New Mexico

Order No. R-9696, June 1, 1992, Establishing Pool.

T-18-S, R-38-E S/2 Sec. 19; SW/4 Sec. 28; W/2, SE/4 Sec. 29;  
E/2 Sec. 30; NE/4 Sec. 31; Sec. 32; N/2, SW/4 Sec. 33; W/2 Sec. 34.  
T-19-S, R-38-E NW/4 Sec. 3.

**BANDANA POINT-MORROW GAS POOL**  
Eddy County, New Mexico

Order No. R-9709, September 1, 1992, Establishing Pool.

T-23-S, R-24-E W/2 Sec. 9

**SOUTH BANDANA POINT-STRAWN GAS POOL**  
Eddy County, New Mexico

Order No. R-9709, September 1, 1992, Establishing Pool.

T-23-S, R-24-E W/2 Sec. 9.

**SOUTH BURTON-YATES GAS POOL**  
Eddy County, New Mexico

Order No. R-9709, September 1, 1992, Establishing Pool.

T-20-S, R-29-E SW/4 Sec. 21.

**COTTONWOOD SPRING-UPPER PENNSYLVANIAN GAS POOL**  
Eddy County, New Mexico

Order No. R-9709, September 1, 1992, Establishing Pool.

T-26-S, R-25-E E/2 Sec. 2.

**SOUTH GOLDEN LANE-DELAWARE POOL**  
Eddy County, New Mexico

Order No. R-9709, September 1, 1992, Establishing Pool, as Amended  
by Order No. R-9837, February 1, 1993; Order No. R-9938, August 1,  
1993.

T-21-S, R-29-E S/2, SE/4 NW/4 Sec. 8.

**SALADAR-UPPER PENNSYLVANIAN GAS POOL**  
Eddy County, New Mexico

Order No. R-9709, September 1, 1992, Establishing Pool.

T-20-S, R-27-E E/2 Sec. 25.

**NORTH SAN LORENZO-BONE SPRING POOL**  
Eddy County, New Mexico

Order No. R-9709, September 1, 1992, Establishing Pool.

T-25-S, R-28-E NE/4 Sec. 11.

**WEST SAND DUNES-DELAWARE POOL**  
Eddy County, New Mexico

Order No. R-9709, September 1, 1992, Establishing Pool, as  
Amended by Order No. R-9771, December 1, 1992; Order No. R-9837,  
February 1, 1993; Order No. R-9844, March 1, 1993; Order No. R-  
9884, May 1, 1993; Order No. R-9938, August 1, 1993.

T-23-S, R-31-E SE/4 Sec. 20; SW/4 Sec. 21; Sec. 28; S/2, NE/4  
Sec. 29; Sec. 32; NW/4 Sec. 33.



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

OIL CONSERVATION DIVISION  
RECEIVED  
OCT 28 1993  
93 NOV 16 AM 8 43  
MIDLAND,

October 27, 1993

Re: Christopher "31" Fed No. 1

Pogo Producing Company  
P. O. Box 10340  
Midland, Texas 79702

Gentlemen:

Phillips Petroleum Company has requested the Bureau of Land Management for administrative approval for directional drilling for the Christopher "31" Fed No. 1. The surface hole location is 1100' FNL and 330' FEL, bottom hole location is 430' FEL and 890' FNL of Section 31, T-23-S, R-31-E, Eddy County, New Mexico.

If you have no objections to this application, please indicate by signing the waiver below. Please direct any questions to me at 915-368-1488.

Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

RegPro:AFran:ChrstFd1.Wvr

WAIVER APPROVAL:

Name and Title  
Jerry A. Cooper, Vice President

COMPANY: POGO PRODUCING COMPANY

DATE: November 8, 1993

Received

NOV 10 1993

P.B.R. Regulatory Section



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

November 10, 1993

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

Phillips Petroleum Company  
4001 Penbrook  
Odessa, TX 79762

Attention: Larry Sanders

**RE: *Application for directional drilling; Christopher "31" Federal Well No. 1. NE/4 NE/4 (Unit A) of Section 31, Township 23 South, Range 31 East, NMPM, Undesignated West Sand Dunes-Delaware Pool, Eddy County, New Mexico.***

Dear Mr. Sanders:

We may not process the subject application for directional drilling until the required information or plats are submitted.

- A plat clearly showing the ownership of the offsetting leases.
- Please show the pool in which this well is to be designated or the closest pool that this well follows within the one-mile governing limit.

Sincerely,

A large, stylized handwritten signature in dark ink, likely belonging to Michael E. Stogner.

Michael E. Stogner  
Chief Hearing Officer/Engineer

MES/amg



EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

**Re: Application for Directional Drilling  
Christopher "31" Federal No. 1  
Section 31, T-23-S, R-31-E  
EDDY COUNTY, NEW MEXICO**

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Mr. William J. LeMay, Director

Gentlemen:

We respectfully request approval to intentionally deviate our Christopher "31" Federal No. 1, as provided in Statewide Rule 111. The current surface location of this well is 1100' FNL and 330' FEL with an intended bottom hole location of 430' FEL and 890' FNL at a depth of 8200'. The top of the Delaware should be cut at 4130'. This surface location was selected due to topographic conditions as determined by the BLM and Phillips Petroleum Company's Drilling Department. The intended bottom hole location is an orthodox location.

Attached is a plat showing surface location and targeted bottom hole location. Also attached is a topographic map illustrating the surface obstructions.

This directional well shall be tested at least once every 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized, shall be filed with Form C-104.

All offset operators, indicated on the attached, have been notified of this application by certified mail. Your consideration and approval will be appreciated. Please direct any questions to the attention of Ken Schramko, telephone (915) 368-1399.

Very truly yours,

L. M. Sanders  
Supervisor, Regulatory Affairs

LMS:AF:ehg  
Attachs.

RegPro:AFran:ChrstFd1.ADD

Phillips Petroleum Company  
Christopher "31" Fed No. 1  
Section 31, T-23-S, R-31-E  
Eddy County, New Mexico

**OFFSET OPERATORS:**

Enron Oil & Gas Company  
P. O. Box 2267  
Midland, Texas 79702

Meridian Oil, Inc.  
21 Desta Dr.  
Midland, Texas 79705

Pogo Producing Company  
P. O. Box 10340  
Midland, Texas 79702



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

Re: Christopher "31" Fed No. 1

Enron Oil & Gas Company  
P. O. Box 2267  
Midland, Texas 79702

Gentlemen:

Phillips Petroleum Company has requested the Bureau of Land Management for administrative approval for directional drilling for the Christopher "31" Fed No. 1. The surface hole location is 1100' FNL and 330' FEL, bottom hole location is 430' FEL and 890' FNL of Section 31, T-23-S, R-31-E, Eddy County, New Mexico.

If you have no objections to this application, please indicate by signing the waiver below. Please direct any questions to me at 915-368-1488.

Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

RegPro:AFran:ChrstFd1.Wvr

WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

DATE:





**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

Re: Christopher "31" Fed No. 1

Meridian Oil, Inc.  
21 Desta Dr.  
Midland, Texas 79705

Gentlemen:

Phillips Petroleum Company has requested the Bureau of Land Management for administrative approval for directional drilling for the Christopher "31" Fed No. 1. The surface hole location is 1100' FNL and 330' FEL, bottom hole location is 430' FEL and 890' FNL of Section 31, T-23-S, R-31-E, Eddy County, New Mexico.

If you have no objections to this application, please indicate by signing the waiver below. Please direct any questions to me at 915-368-1488.

Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

RegPro:AFran:ChrstFd1.Wvr

WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

DATE:



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

Re: Christopher "31" Fed No. 1

Pogo Producing Company  
P. O. Box 10340  
Midland, Texas 79702

Gentlemen:

Phillips Petroleum Company has requested the Bureau of Land Management for administrative approval for directional drilling for the Christopher "31" Fed No. 1. The surface hole location is 1100' FNL and 330' FEL, bottom hole location is 430' FEL and 890' FNL of Section 31, T-23-S, R-31-E, Eddy County, New Mexico.

If you have no objections to this application, please indicate by signing the waiver below. Please direct any questions to me at 915-368-1488.

Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

RegPro:AFran:ChrstFd1.Wvr

WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

DATE:

AMENDED LOCATION  
State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

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

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

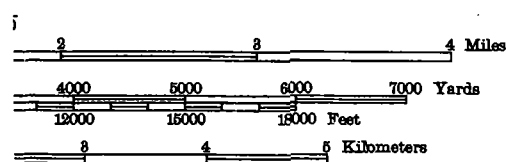
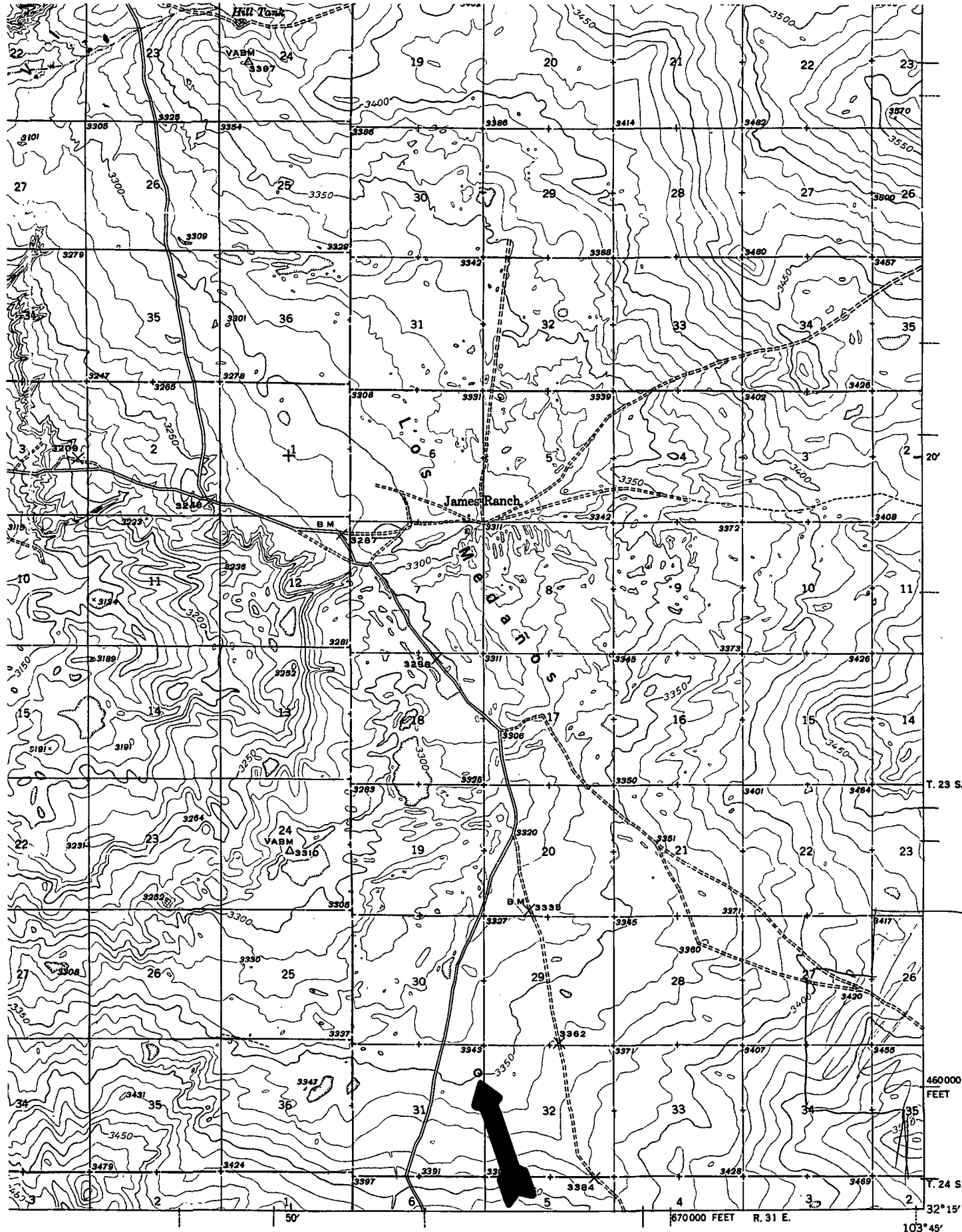
DISTRICT I  
P.O. Box 1960, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, 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 <b>PHILLIPS PETROLEUM COMPANY</b>			Lease <b>CHRISTOPHER "31" FEDERAL</b>			Well No. <b>#1</b>		
Unit Letter <b>A</b>	Section <b>31</b>	Township <b>23 SOUTH</b>	Range <b>31 EAST</b>	County <b>EDDY</b>	NMPM			
Actual Footage Location of Well: <b>1100</b> feet from the <b>NORTH</b> line and <b>330</b> feet from the <b>EAST</b> line								
Ground level Elev. <b>3352'</b>		Producing Formation <b>UNDESIGNATED(DELAWARE)</b>			Pool <b>Undesignated (Delaware)</b>		Dedicated Acreage: <b>4.0</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or indelible marks on the plat below.</p> <p>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).</p> <p>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.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>No allowance 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.</p>								
						<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>L. M. Sanders</i></p> <p>Printed Name: <b>L. M. Sanders</b></p> <p>Position: <b>Supervisor, Reg. Affairs</b></p> <p>Company: <b>Phillips Petroleum Co.</b></p> <p>Date: <b>October 27, 1993</b></p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>Date Surveyed: <b>OCTOBER 22, 1993</b></p> <p>Signature &amp; Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate No.: <b>4882</b></p>		



ROUTES USUALLY TRAVELED  
 HARD IMPERVIOUS SURFACES  
 OTHER SURFACE IMPROVEMENTS  
 U. S. ROUTE 1942  
 STATE ROUTE

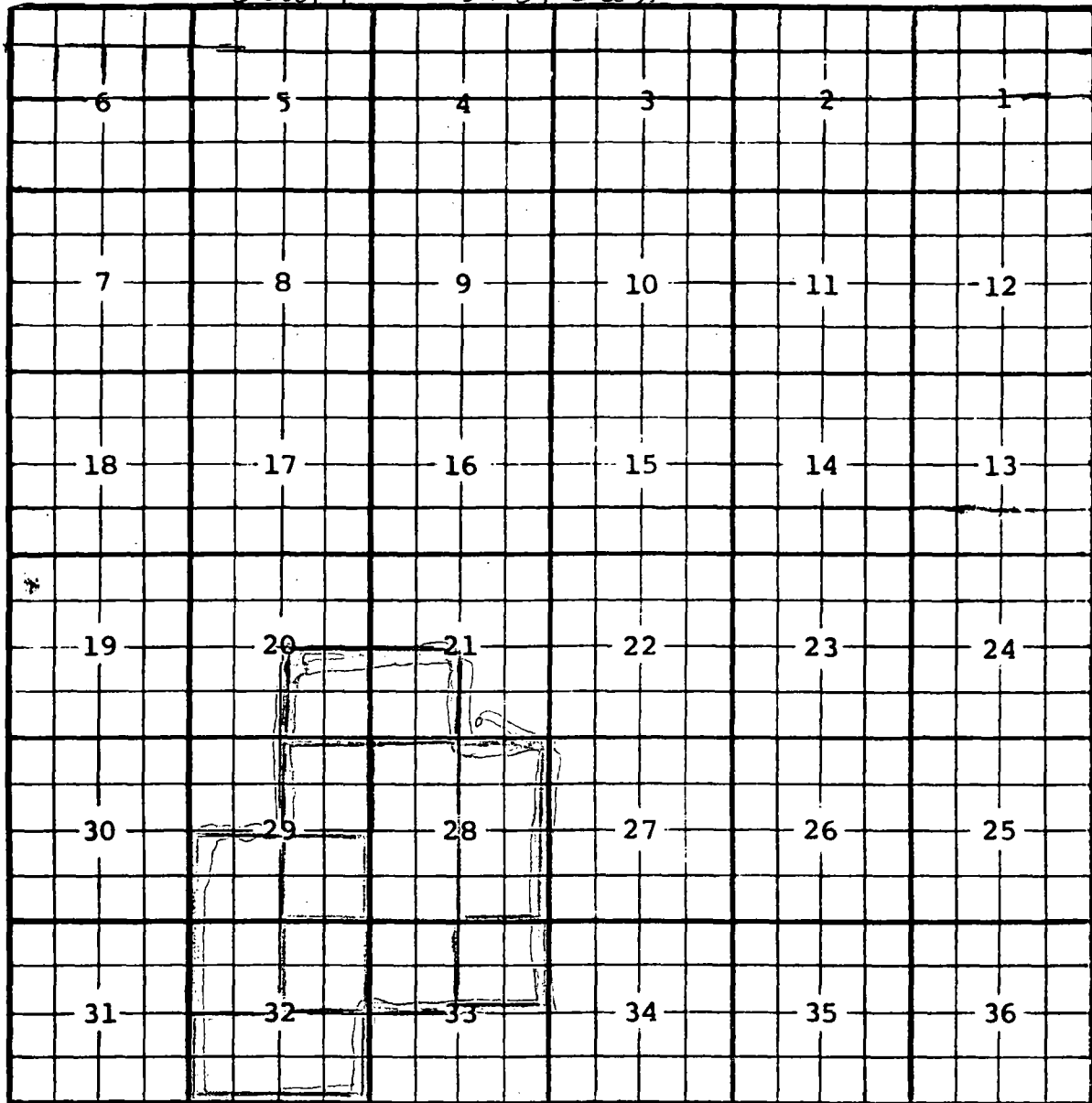
Polyconic projection. 1927 North American datum  
 5000 yard grid based on U. S. zone system, E  
 10000 foot grid based on New Mexico (East)  
 rectangular coordinate system

NASH DRAW, N. MEX.  
 N3215-W10345/15  
 Edition of 1943

10 feet  
 sea level

County Eddy Pool West Sand Dunes-Delaware

TOWNSHIP 23 South Range 31 East NMPPM



Description: SE 1/4 Sec. 29 (R-9709, 8-25-92)

Ext: NE 1/4 Sec. 32 (R-9771, 11-19-92) Ext: W 1/2 Sec. 28 (R-9837, 1-22-93)

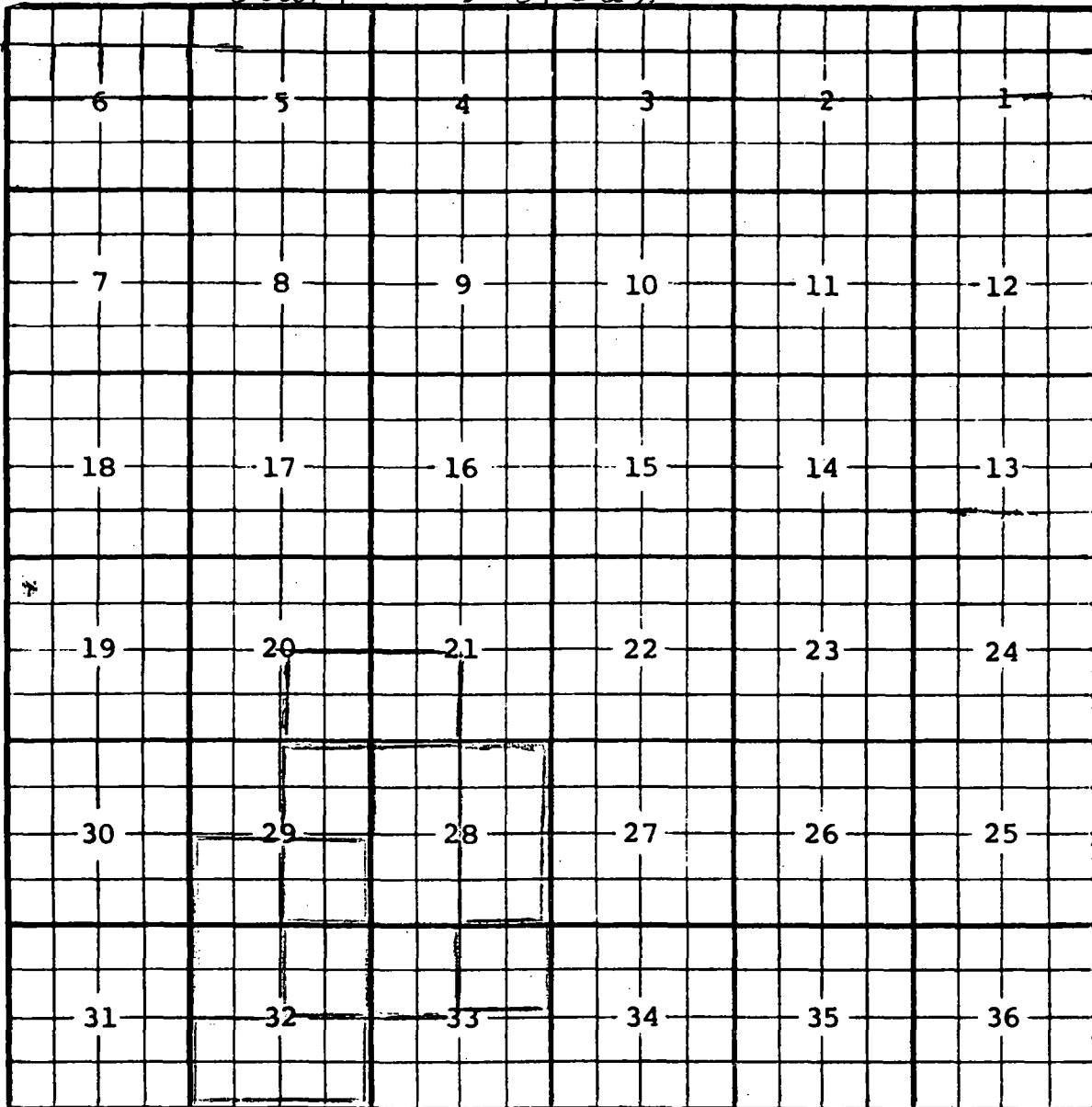
Ext: S 1/2 Sec. 32 (R-9844, 2-8-93) Ext: NE 1/4 and SW 1/4 Sec. 29, NW 1/4 Sec. 32

(R-9884, 4-26-93) Ext: SE 1/4 Sec. 20, SW 1/4 Sec. 21, E 1/2 Sec. 28, NW 1/4 Sec. 23 (R-9938, 8-17-93)

Ext: NE 1/4 Sec. 33 (R-9963, 9-20-93)

County Eddy Pool West Sand Dunes-Delaware

TOWNSHIP 23 South Range 31 East NMPM



Description: SE 1/4 Sec. 29 (R-9709, 8-25-92)

Ext: NE 1/4 Sec. 32 (R-9771, 11-19-92) Ext: W 1/2 Sec. 28 (R-9837, 1-27-93)

Ext: S 1/2 Sec. 32 (R-9844, 2-8-93) Ext: NE 1/4 and SW 1/4 Sec. 29, NW 1/4 Sec. 32

(R-9884, 4-26-93) Ext: SE 1/4 Sec. 20, SW 1/4 Sec. 21, E 1/2 Sec. 28, NW 1/4 Sec. 23 (R-9938, 8-17-93)

Ext: NE 1/4 Sec. 33 (R-9963, 9-20-93)



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

**Re: Application for Directional Drilling  
Christopher "31" Federal No. 1  
Section 31, T-23-S, R-31-E  
EDDY COUNTY, NEW MEXICO**

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Mr. William J. LeMay, Director

Gentlemen:

We respectfully request approval to intentionally deviate our Christopher "31" Federal No. 1, as provided in Statewide Rule 111. The current surface location of this well is 1100' FNL and 330' FEL with an intended bottom hole location of 430' FEL and 890' FNL at a depth of 8200'. The top of the Delaware should be cut at 4130'. This surface location was selected due to topographic conditions as determined by the BLM and Phillips Petroleum Company's Drilling Department. The intended bottom hole location is an orthodox location.

Attached is a plat showing surface location and targeted bottom hole location. Also attached is a topographic map illustrating the surface obstructions.

This directional well shall be tested at least once every 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized, shall be filed with Form C-104.

All offset operators, indicated on the attached, have been notified of this application by certified mail. Your consideration and approval will be appreciated. Please direct any questions to the attention of Ken Schramko, telephone (915) 368-1399.

Very truly yours,

L. M. Sanders  
Supervisor, Regulatory Affairs

LMS:AF:ehg  
Attachs.

RegPro:AFran:ChrstFd1.ADD

Phillips Petroleum Company  
Christopher "31" Fed No. 1  
Section 31, T-23-S, R-31-E  
Eddy County, New Mexico

**OFFSET OPERATORS:**

Enron Oil & Gas Company  
P. O. Box 2267  
Midland, Texas 79702

Meridian Oil, Inc.  
21 Desta Dr.  
Midland, Texas 79705

Pogo Producing Company  
P. O. Box 10340  
Midland, Texas 79702





**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

Re: Christopher "31" Fed No. 1

Enron Oil & Gas Company  
P. O. Box 2267  
Midland, Texas 79702

Gentlemen:

Phillips Petroleum Company has requested the Bureau of Land Management for administrative approval for directional drilling for the Christopher "31" Fed No. 1. The surface hole location is 1100' FNL and 330' FEL, bottom hole location is 430' FEL and 890' FNL of Section 31, T-23-S, R-31-E, Eddy County, New Mexico.

If you have no objections to this application, please indicate by signing the waiver below. Please direct any questions to me at 915-368-1488.

Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

RegPro:AFran:ChrstFd1.Wvr

WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

DATE:



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

Re: Christopher "31" Fed No. 1

Meridian Oil, Inc.  
21 Desta Dr.  
Midland, Texas 79705

Gentlemen:

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Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

RegPro:AFran:ChrstFd1.Wvr

WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

\_\_\_\_\_

DATE:

\_\_\_\_\_



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

Re: Christopher "31" Fed No. 1

Pogo Producing Company  
P. O. Box 10340  
Midland, Texas 79702

Gentlemen:

Phillips Petroleum Company has requested the Bureau of Land Management for administrative approval for directional drilling for the Christopher "31" Fed No. 1. The surface hole location is 1100' FNL and 330' FEL, bottom hole location is 430' FEL and 890' FNL of Section 31, T-23-S, R-31-E, Eddy County, New Mexico.

If you have no objections to this application, please indicate by signing the waiver below. Please direct any questions to me at 915-368-1488.

Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

RegPro:AFran:ChrstFd1.Wvr

WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

DATE:

AMENDED LOCATION  
State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

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

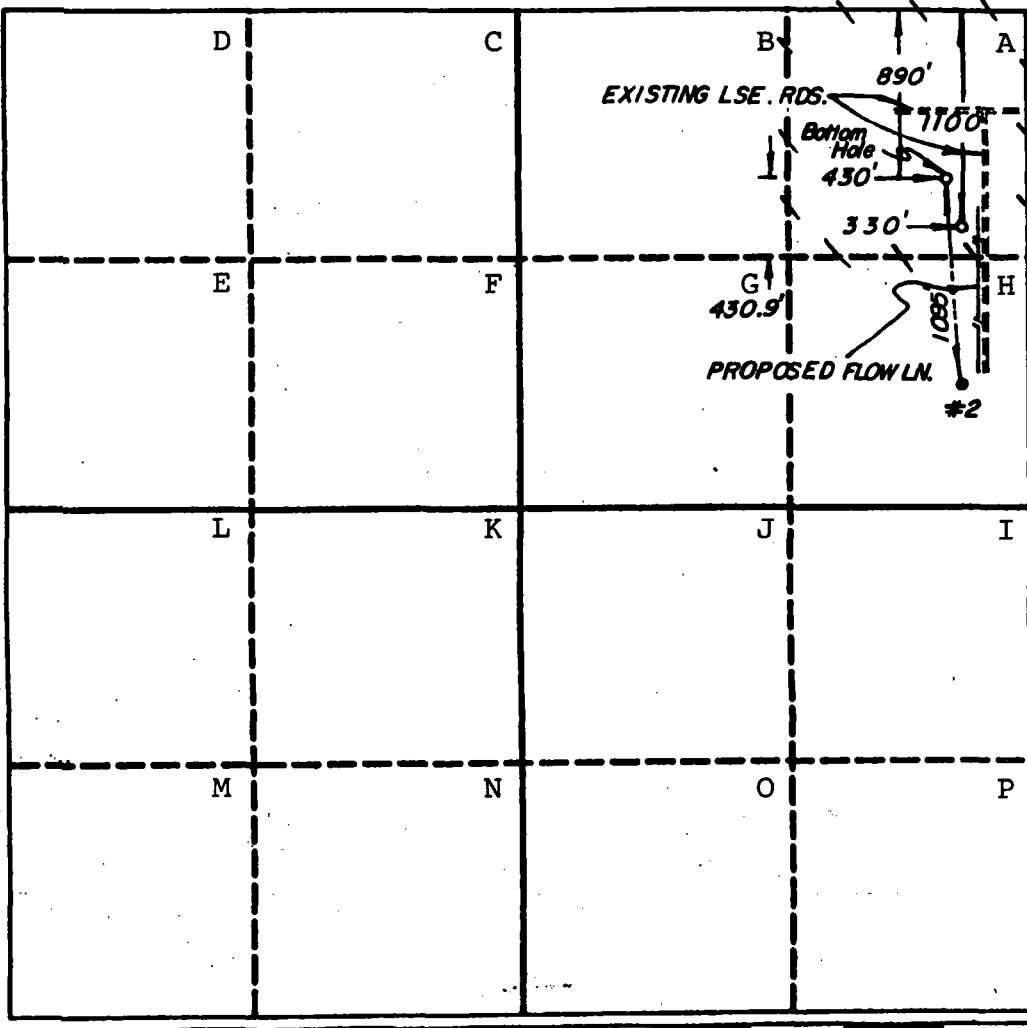

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

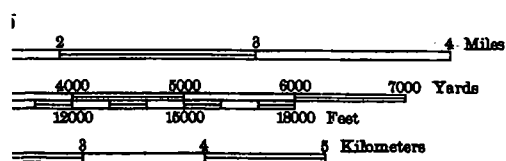
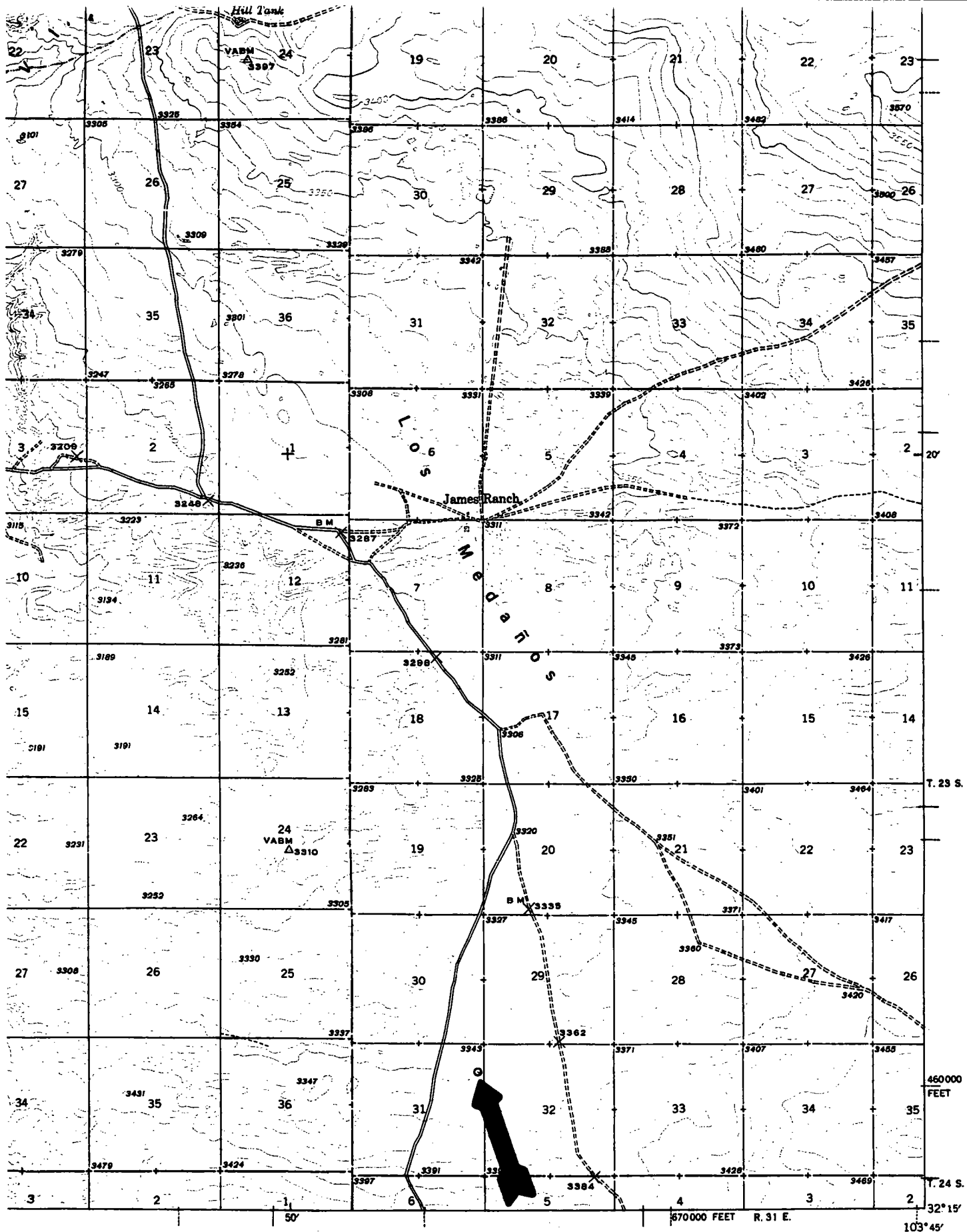
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT III  
1000 Rio Brazos Rd., Amos, NM 87410

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

Operator <b>PHILLIPS PETROLEUM COMPANY</b>		Lease <b>CHRISTOPHER "31" FEDERAL</b>		Well No. <b>#1</b>
Unit Letter <b>A</b>	Section <b>31</b>	Township <b>23 SOUTH</b>	Range <b>31 EAST</b>	County <b>EDDY</b>
Actual Footage Location of Well: <b>1100</b> feet from the <b>NORTH</b> line and <b>330</b> feet from the <b>EAST</b> line				
Ground level Elev. <b>3352'</b>	Producing Formation <b>UNDESIGNATED(DELAWARE)</b>	Pool <b>Undesignated (Delaware)</b>	Dedicated Acreage: <b>4.0</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.</p> <p>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).</p> <p>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.? <input type="checkbox"/> Yes <input type="checkbox"/> 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.</p>				
				<p><b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>L. M. Sanders</i></p> <p>Printed Name <b>L. M. Sanders</b></p> <p>Position <b>Supervisor, Reg. Affairs</b></p> <p>Company <b>Phillips Petroleum Co.</b></p> <p>Date <b>October 27, 1993</b></p> <p><b>SURVEYOR CERTIFICATION</b> 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.</p> <p>Date Surveyed <b>OCTOBER 22, 1993</b></p> <p>Signature &amp; Seal of Professional Surveyor <i>[Signature]</i></p> <p>Certificate No. <b>4882</b></p>
				



ROUTES USUALLY TRAVELED  
 HARD IMPERVIOUS SURFACES  
 OTHER SURFACE IMPROVEMENTS  
 U. S. ROUTE 1942 STATE ROUTE

Polyconic projection. 1927 North American datum  
 5000 yard grid based on U. S. zone system, E  
 10000 foot grid based on New Mexico (East)  
 rectangular coordinate system

10 feet  
 ca level

NASH DRAW, N. MEX.  
 N3215-W10345/15  
 Edition of 1943



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

**Re: Application for Directional Drilling  
Christopher "31" Federal No. 1  
Section 31, T-23-S, R-31-E  
EDDY COUNTY, NEW MEXICO**

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Mr. William J. LeMay, Director

Gentlemen:

We respectfully request approval to intentionally deviate our Christopher "31" Federal No. 1, as provided in Statewide Rule 111. The current surface location of this well is 1100' FNL and 330' FEL with an intended bottom hole location of 430' FEL and 890' FNL at a depth of 8200'. The top of the Delaware should be cut at 4130'. This surface location was selected due to topographic conditions as determined by the BLM and Phillips Petroleum Company's Drilling Department. The intended bottom hole location is an orthodox location.

Attached is a plat showing surface location and targeted bottom hole location. Also attached is a topographic map illustrating the surface obstructions.

This directional well shall be tested at least once every 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized, shall be filed with Form C-104.

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Very truly yours,

L. M. Sanders  
Supervisor, Regulatory Affairs

LMS:AF:ehg  
Attachs.

RegPro:AFran:ChrstFd1.ADD

Phillips Petroleum Company  
Christopher "31" Fed No. 1  
Section 31, T-23-S, R-31-E  
Eddy County, New Mexico

**OFFSET OPERATORS:**

Enron Oil & Gas Company  
P. O. Box 2267  
Midland, Texas 79702

Meridian Oil, Inc.  
21 Desta Dr.  
Midland, Texas 79705

Pogo Producing Company  
P. O. Box 10340  
Midland, Texas 79702



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

Re: Christopher "31" Fed No. 1

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P. O. Box 2267  
Midland, Texas 79702

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If you have no objections to this application, please indicate by signing the waiver below. Please direct any questions to me at 915-368-1488.

Sincerely,

L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

RegPro:AFran:ChrstFd1.Wvr

WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

DATE:





**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

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L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:AF:ehg

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WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

DATE:



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

October 27, 1993

Re: Christopher "31" Fed No. 1

Pogo Producing Company  
P. O. Box 10340  
Midland, Texas 79702

Gentlemen:

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L. M. Sanders, Supervisor  
Regulatory Affairs

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WAIVER APPROVAL:

\_\_\_\_\_  
Name and Title

COMPANY:

DATE:

AMENDED LOCATION  
State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

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

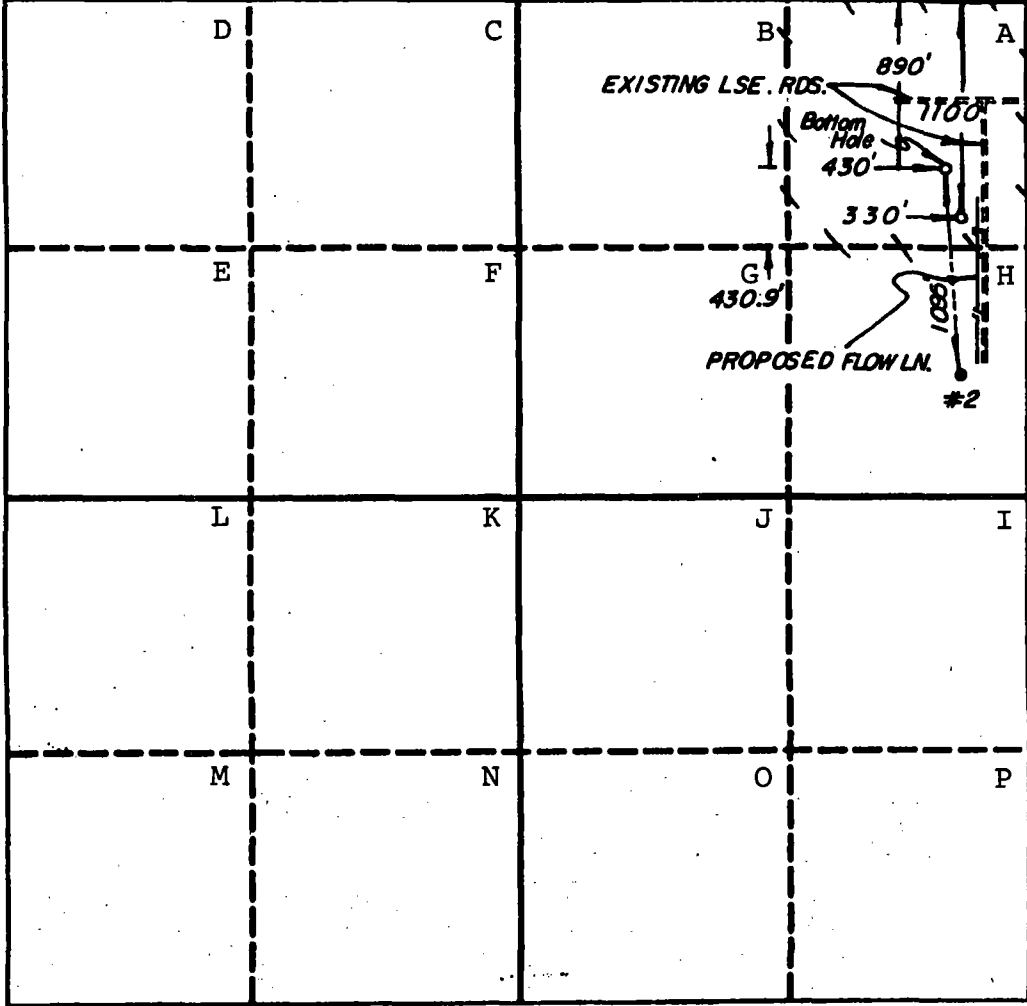
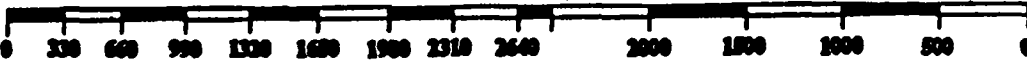
OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

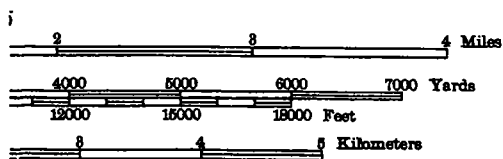
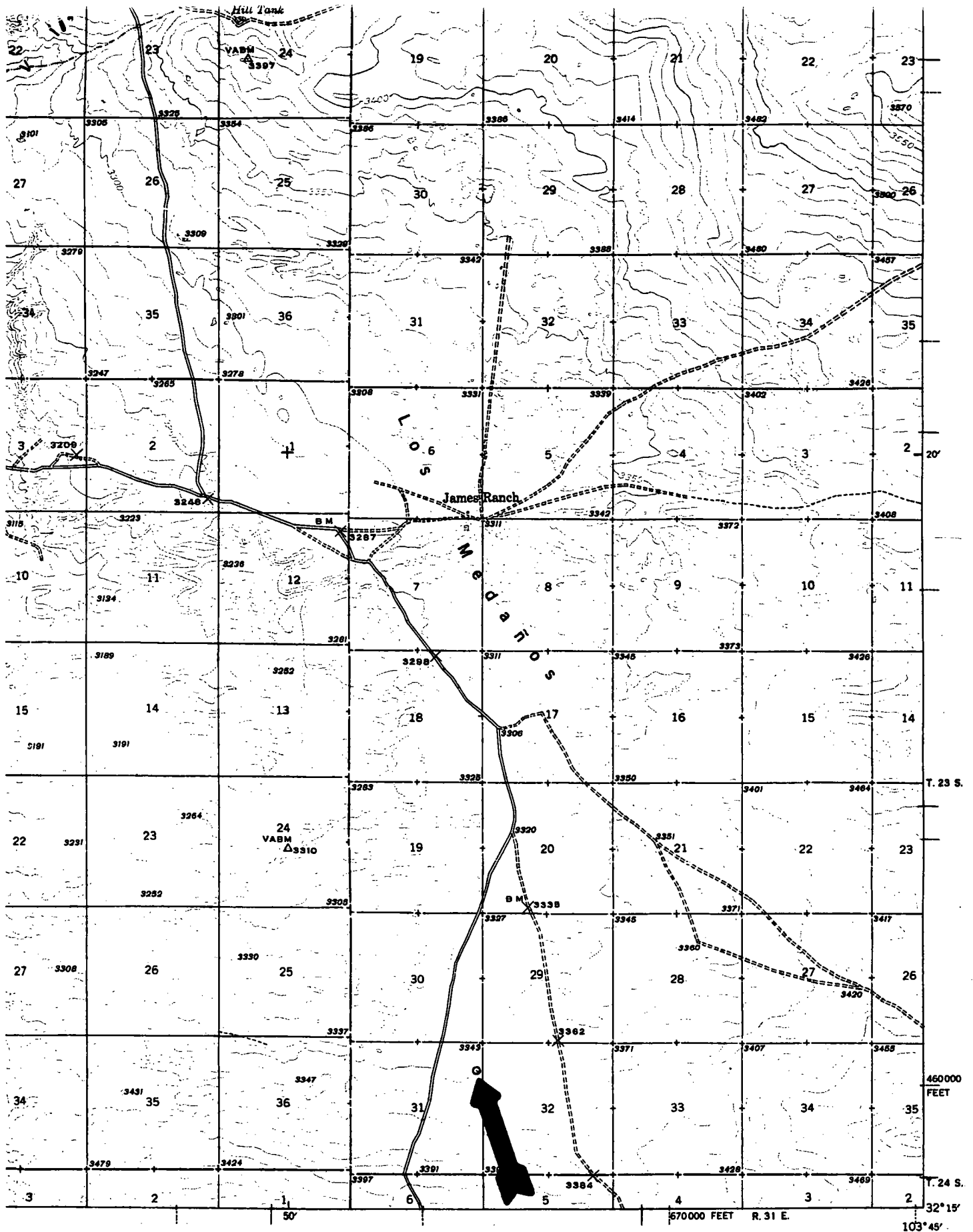
DISTRICT I  
P.O. Box 1960, Hobbs, NM 88240

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

DISTRICT III  
1000 Rio Brazos RA, Aztec, NM 87410

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

Operator <b>PHILLIPS PETROLEUM COMPANY</b>			Lease <b>CHRISTOPHER "3I" FEDERAL</b>			Well No. <b>#1</b>		
Unit Letter <b>A</b>	Section <b>31</b>	Township <b>23 SOUTH</b>	Range <b>31 EAST</b>	County <b>EDDY</b>		NMPM		
Actual Footage Location of Well: <b>1100</b> feet from the <b>NORTH</b> line and <b>330</b> feet from the <b>EAST</b> line								
Ground level Elev. <b>3352'</b>		Producing Formation <b>UNDESIGNATED(DELAWARE)</b>				Pool <b>Undesignated (Delaware)</b>		Dedicated Acreage: <b>4.0</b> Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or indelible marks on the plat below.</p> <p>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).</p> <p>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.? <input type="checkbox"/> Yes <input type="checkbox"/> 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.</p>								
						<p><b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>L. M. Sanders</i> Printed Name: <b>L. M. Sanders</b> Position: <b>Supervisor, Reg. Affairs</b> Company: <b>Phillips Petroleum Co.</b> Date: <b>October 27, 1993</b></p> <p><b>SURVEYOR CERTIFICATION</b> 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.</p> <p>Date Surveyed: <b>OCTOBER 22, 1993</b> Signature &amp; Seal of Professional Surveyor: <i>[Signature]</i> Certificate No.: <b>4882</b></p>		
								



ROUTES USUALLY TRAVELED  
 HARD IMPERVIOUS SURFACES  
 OTHER SURFACE IMPROVEMENTS  
 U. S. ROUTE - 1942  
 STATE ROUTE

Polyconic projection. 1927 North American datum  
 5000 yard grid based on U. S. zone system, E  
 10000 foot grid based on New Mexico (East)  
 rectangular coordinate system

NASH DRAW, N. MEX.  
 N3215-W10345/15  
 Edition of 1943

10 feet  
 ca level

This is a Draft  
letter of your  
approval, hoping  
it will be more  
convenient for you.  
Thanks,  
LMS

Phillips Petroleum Company  
4001 Penbrook Street  
Odessa, TX 79762

Attention: L. M. Sanders

**Administrative Order** \_\_\_\_\_

Dear Mr. Sanders:

Under the provisions of General Rule 111 (c), (d) and (e), Phillips Petroleum Company made application to the New Mexico Oil Conservation Division on October 27, 1993, for authorization to directionally drill its proposed Christopher "31" Federal Well No. 1, Eddy County, New Mexico.

The Division Director Finds That:

- (1) The application has been duly filed under the provisions of Rule 111(d) and (e) of the Division General Rules and Regulations;
- (2) The applicant has presented satisfactory evidence that all requirements prescribed in General Rule 111 will be met; and
- (3) The off-set operators were duly notified, and there were no objections to the subject application.

**IT IS THEREFORE ORDERED THAT:**

(1) The applicant, Phillips Petroleum Company, is hereby authorized to directionally drill its Christopher "31" Federal Well No. 1, the surface location of which shall be 1100 feet from the North line and 330 feet from the East line (Unit A) of Section 31, Township 23 South, Range 31 East, NMPM, Eddy County, New Mexico, by kicking off from the vertical and drilling in such a manner as to bottom in the Undesignated Delaware Pool at a standard oil well location within the NE/4 NE/4 of said Section 31 forming a standard 40-acre oil spacing and proration unit for said pool.

**PROVIDED HOWEVER THAT** prior to commencing directional drilling operations into said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

**PROVIDED HOWEVER THAT** during or upon completion of directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Artesia district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Artesia offices of the Division upon completion.

(3) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(4) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

**DONE** at Santa Fe, New Mexico, on the day and year hereinabove designated.

**STATE OF NEW MEXICO**  
**OIL CONSERVATION DIVISION**

**WILLIAM J. LEMAY**  
**Director**

**S E A L**

WJL/MES/ehg

cc: Oil Conservation Division - Artesia  
US Bureau of Land Management - Carlsbad