



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.

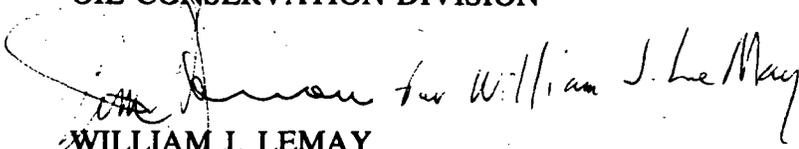
(2) The applicant shall notify the supervisor of the Artesia district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Artesia offices of the Division 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 10/20/93
29
Alone 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:

(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 ~~975~~ feet from the ~~West~~ line (Unit ~~E~~) of Section ~~2~~, 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 ~~2~~ 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

31

Area 4:

EAST HANNUA GRANVILLE SANDHURDES UNIT

TRACT NO. WELL NO.

Injectors:

3815
3815
3815

Producers:

333
333
333
3315
3315
3315
3440
3440
3440
3440

Area 5:

EAST HANNUA GRANVILLE SANDHURDES UNIT

TRACT NO. WELL NO.

Injectors:

3202
3236

Producers:

3202
3202
3202
3236
3236
3236
3236

Administrative Order DD-81
Phillips Petroleum Company
May 11, 1993
Page No. 2

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.

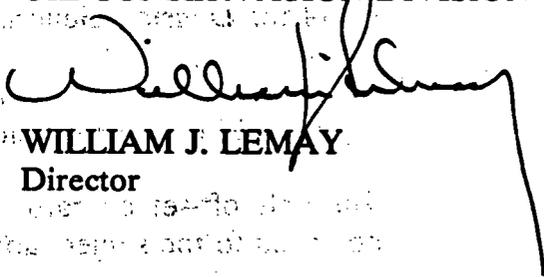
(2) The applicant shall notify the supervisor of the Artesia district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Artesia offices of the Division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

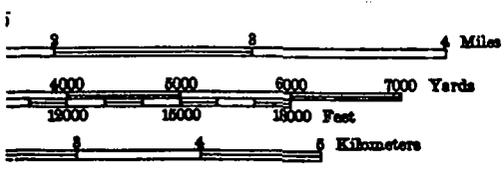
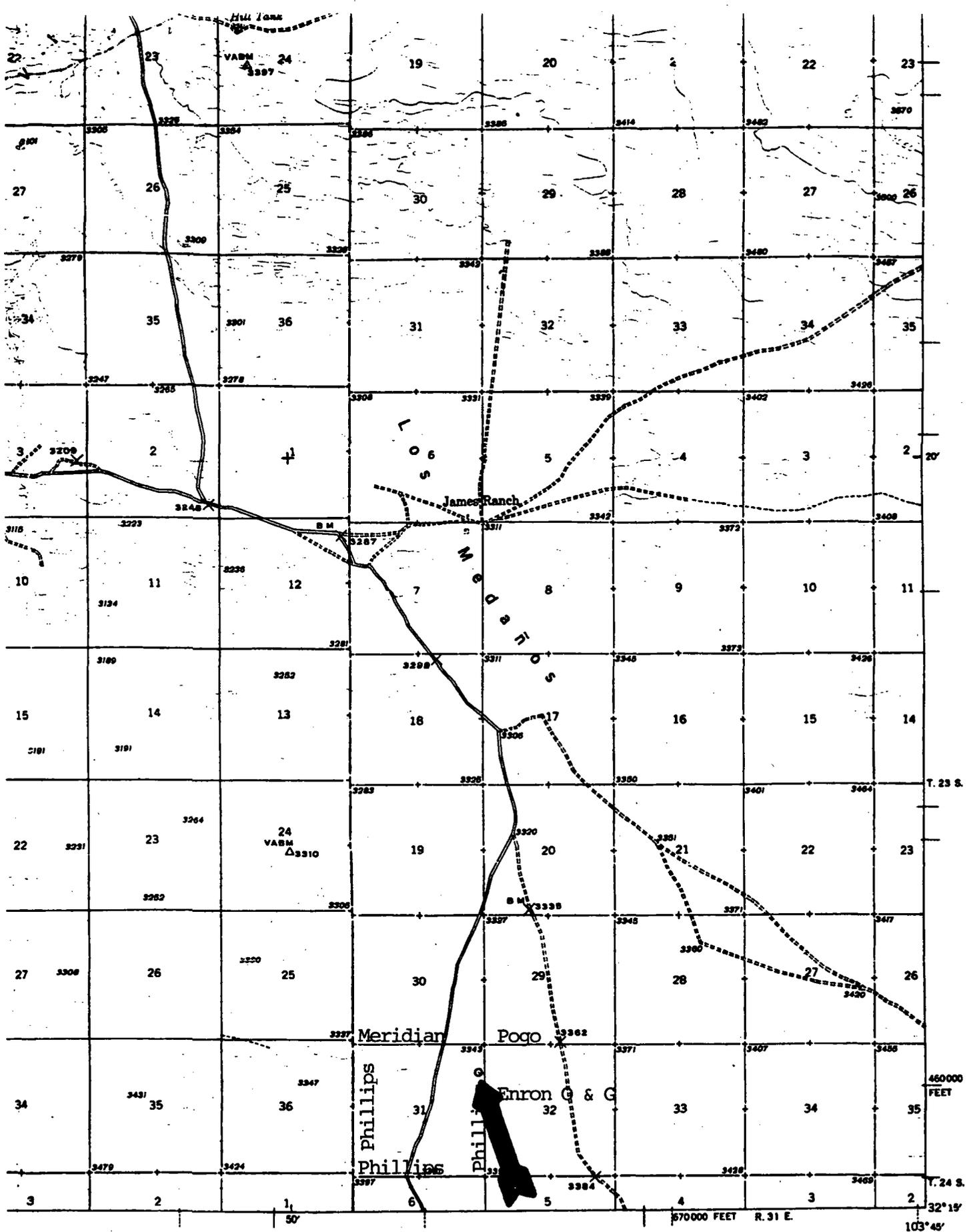
Per your request from letter dated November 10, 1993, attached is a plat showing the ownership of the offsetting leases.

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 black ink, appearing to read "Michael E. Stogner".

Michael E. Stogner
Chief Hearing Officer/Engineer

MES/amg



OIL CONSERVATION DIVISION
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:

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 1900, Hobbs, NM 88240

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

DISTRICT III
1000 Rio Grande 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 "3I" FEDERAL			Well No. #1		
Unit Letter A	Section 31	Township 23 SOUTH	Range 31 EAST	County EDDY	NMPM			

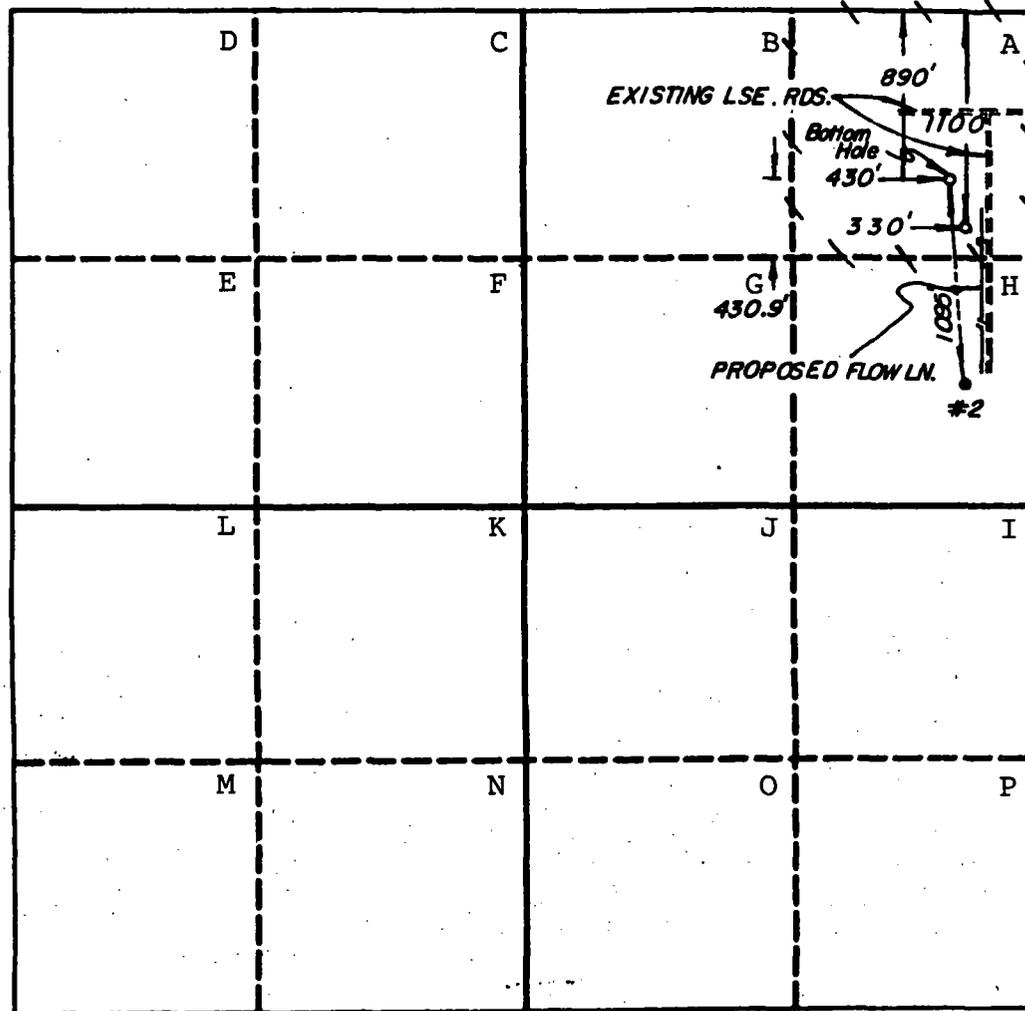
Actual Footage Location of Well:
1100 feet from the **NORTH** line and **330** feet from the **EAST** line
 Ground level Elev. **3352'** Producing Formation **UNDESIGNATED(DELAWARE)** Pool **Undesignated (Delaware)** Dedicated Acreage: **4.0** Acres

- Outline the acreage dedicated to the subject well by colored pencil or Indian 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, 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 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.

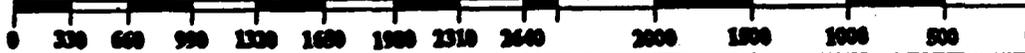


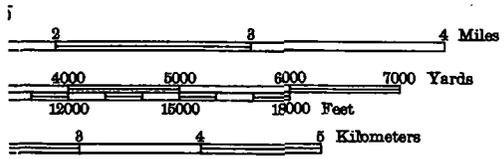
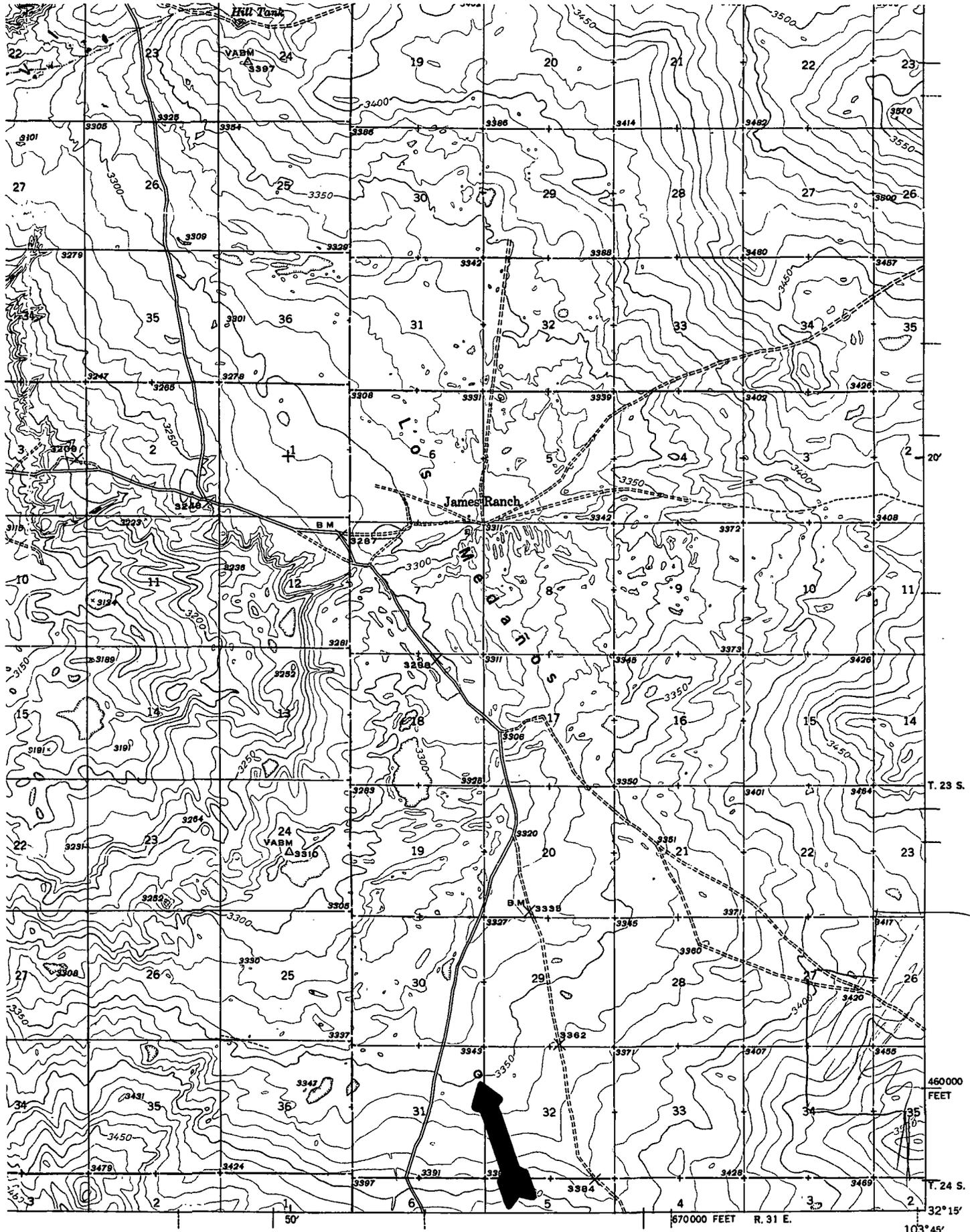
OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *L. M. Sanders*
 Printed Name: **L. M. Sanders**
 Position: **Supervisor, Reg. Affairs**
 Company: **Phillips Petroleum Co.**
 Date: **October 27, 1993**

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.

Date Surveyed: **OCTOBER 22, 1993**
 Signature & Seal of Professional Surveyor: *[Signature]*
 Certificate No.: **4882**





10 feet
at level

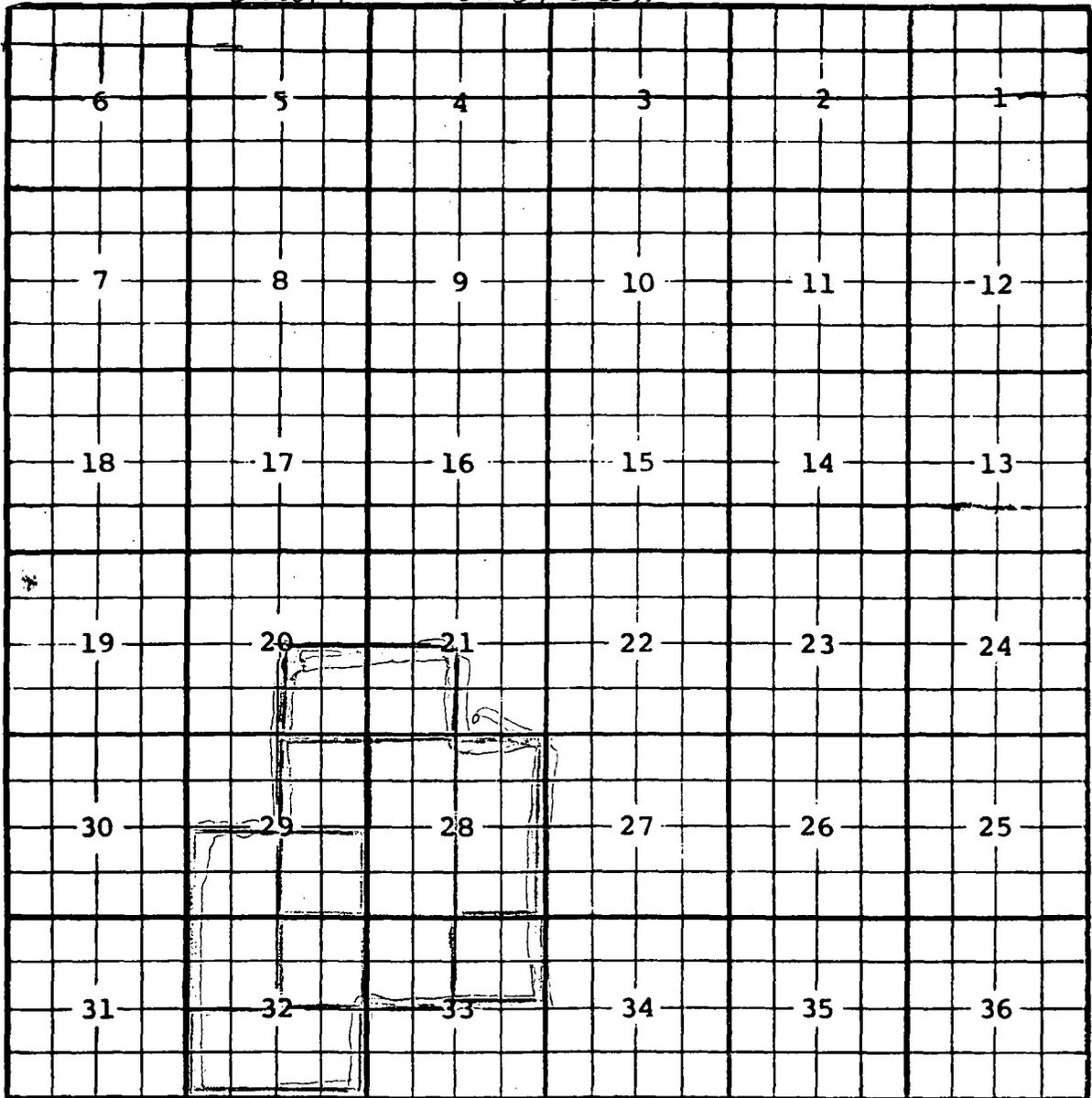
ROUTES USUALLY TRAVELED
 HARD IMPERVIOUS SURFACES
 OTHER SURFACE IMPROVEMENTS
 U. S. ROUTE 1942
 STATE ROUTE

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

County Eddy Pool West Sand Dunes-Delaware

TOWNSHIP 23 South Range 31 East NMPM



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

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

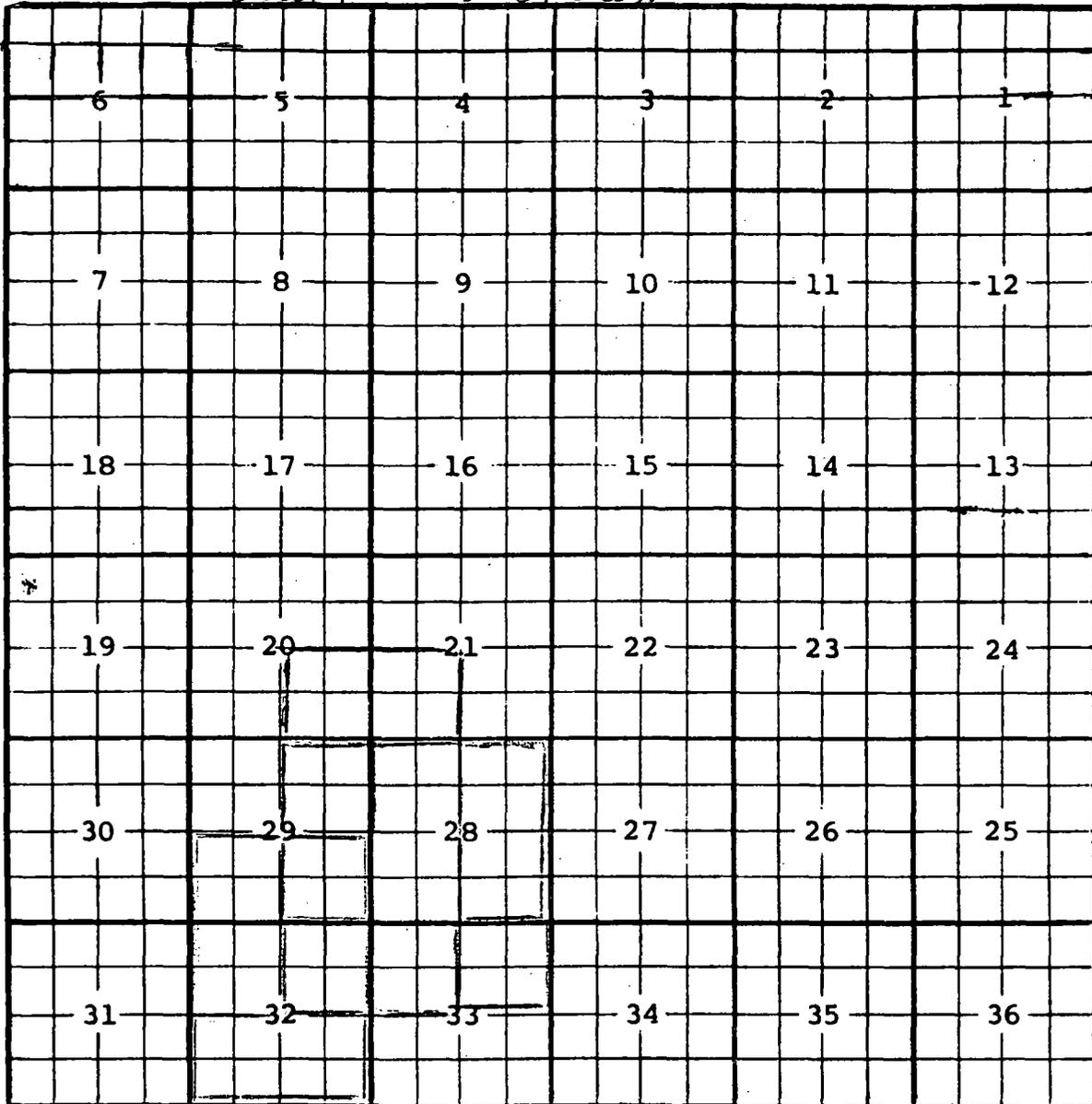
Ext: S/2 Sec. 32 (R-9844, 2-8-93) Ext: NE/4 and SW/4 Sec. 29, NW/4 Sec. 32

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

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

County Eddy Pool West Sand Dunes-Delaware

TOWNSHIP 23 South Range 31 East NMPM



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

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

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

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

Ext: NE/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:

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

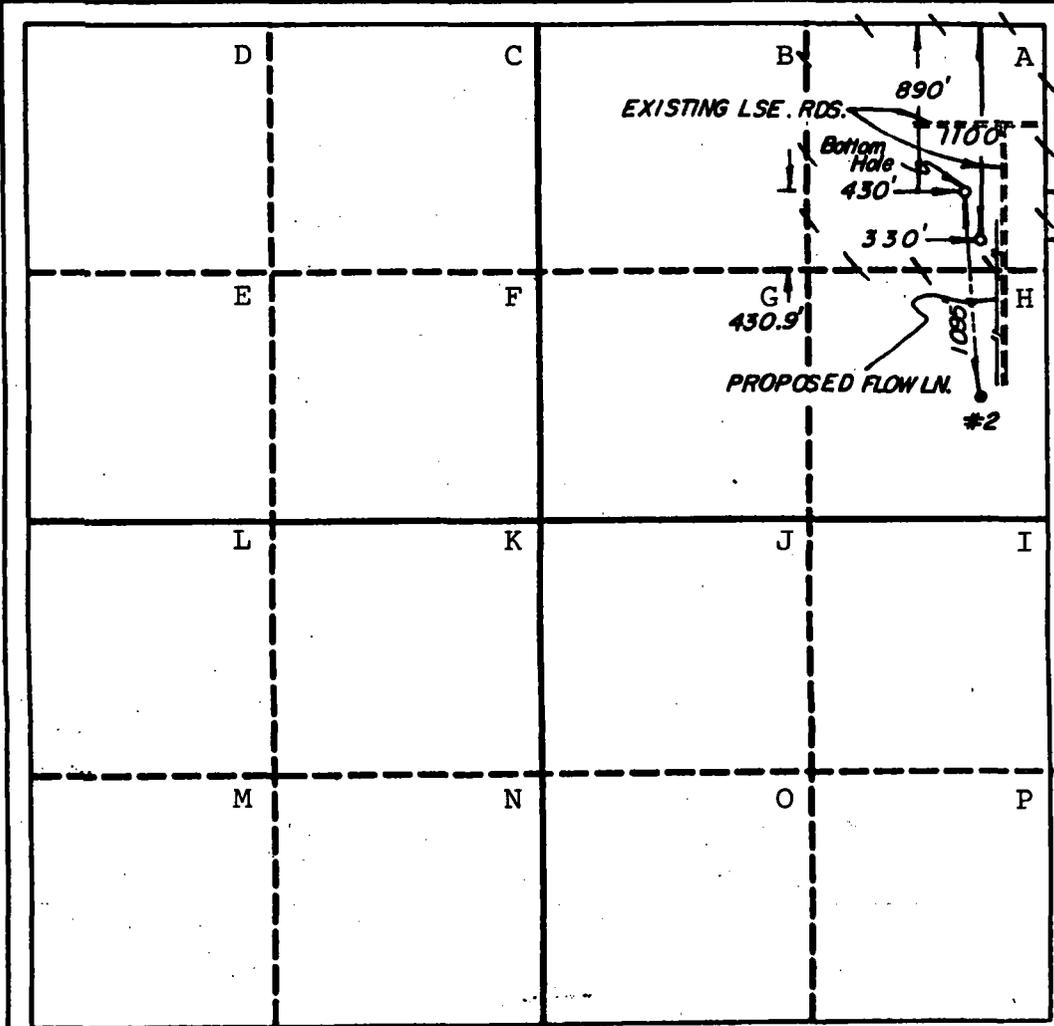
Actual Footage Location of Well:
1100 feet from the **NORTH** line and **330** feet from the **EAST** line
 Ground level Elev. **3352'** Producing Formation **UNDESIGNATED(DELAWARE)** Pool **Undesignated (Delaware)** Dedicated Acreage: **4.0** Acres

- Outline the acreage dedicated to the subject well by colored pencil or inkline 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, 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

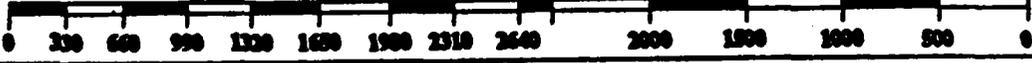


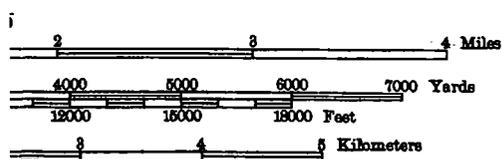
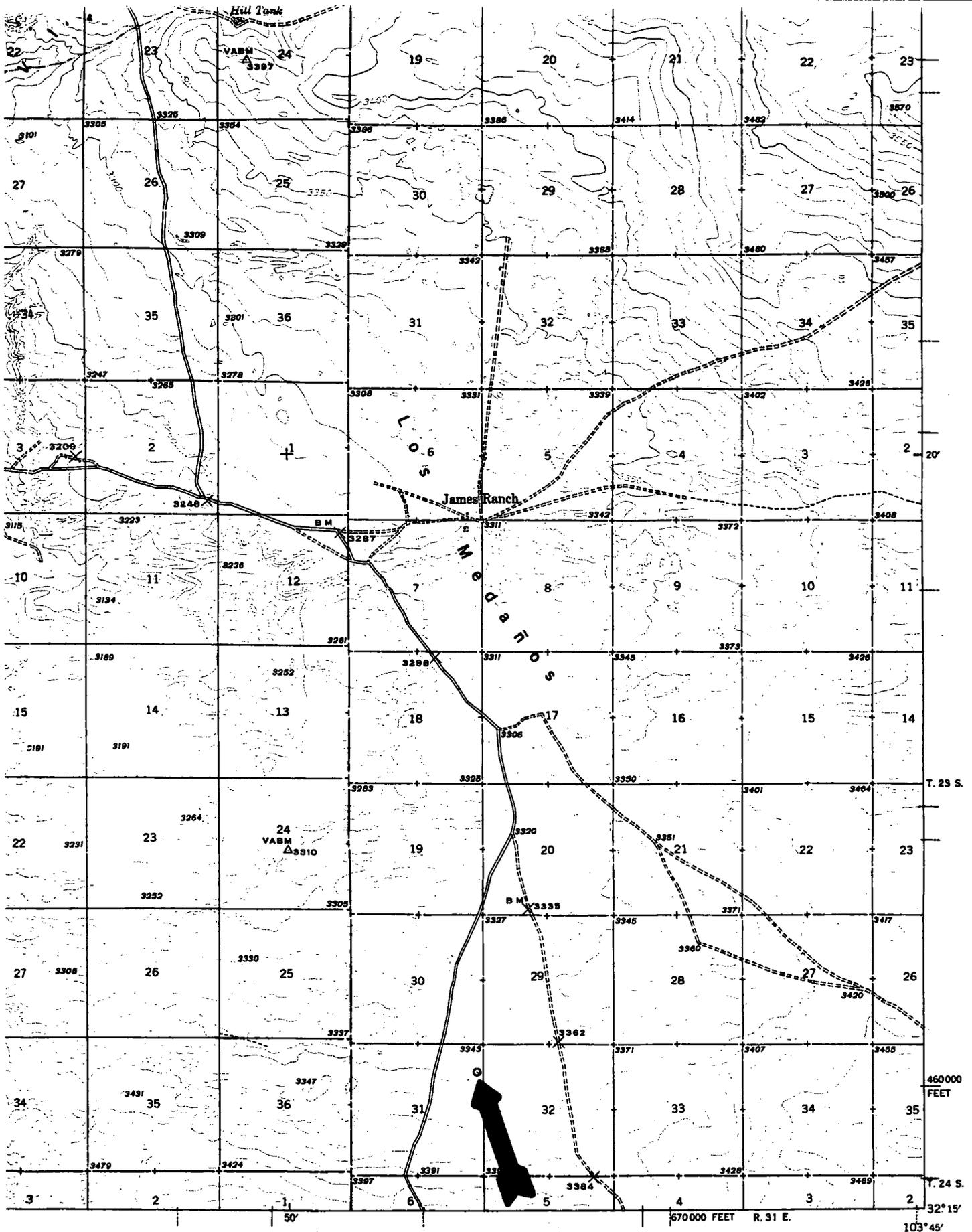
OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *L. M. Sanders*
 Printed Name: **L. M. Sanders**
 Position: **Supervisor, Reg. Affairs**
 Company: **Phillips Petroleum Co.**
 Date: **October 27, 1993**

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.

Date Surveyed: **OCTOBER 22, 1993**
 Signature & Seal of Professional Surveyor: *[Signature]*
 Certificate No.: **4882**





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



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:

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 1900, Hobbs, NM 88240

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

DISTRICT III
1000 Rio Grande RA, Aztec, NM 87410

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

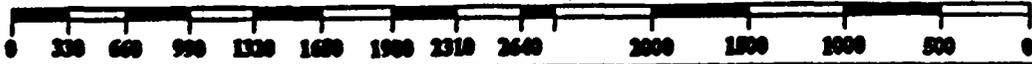
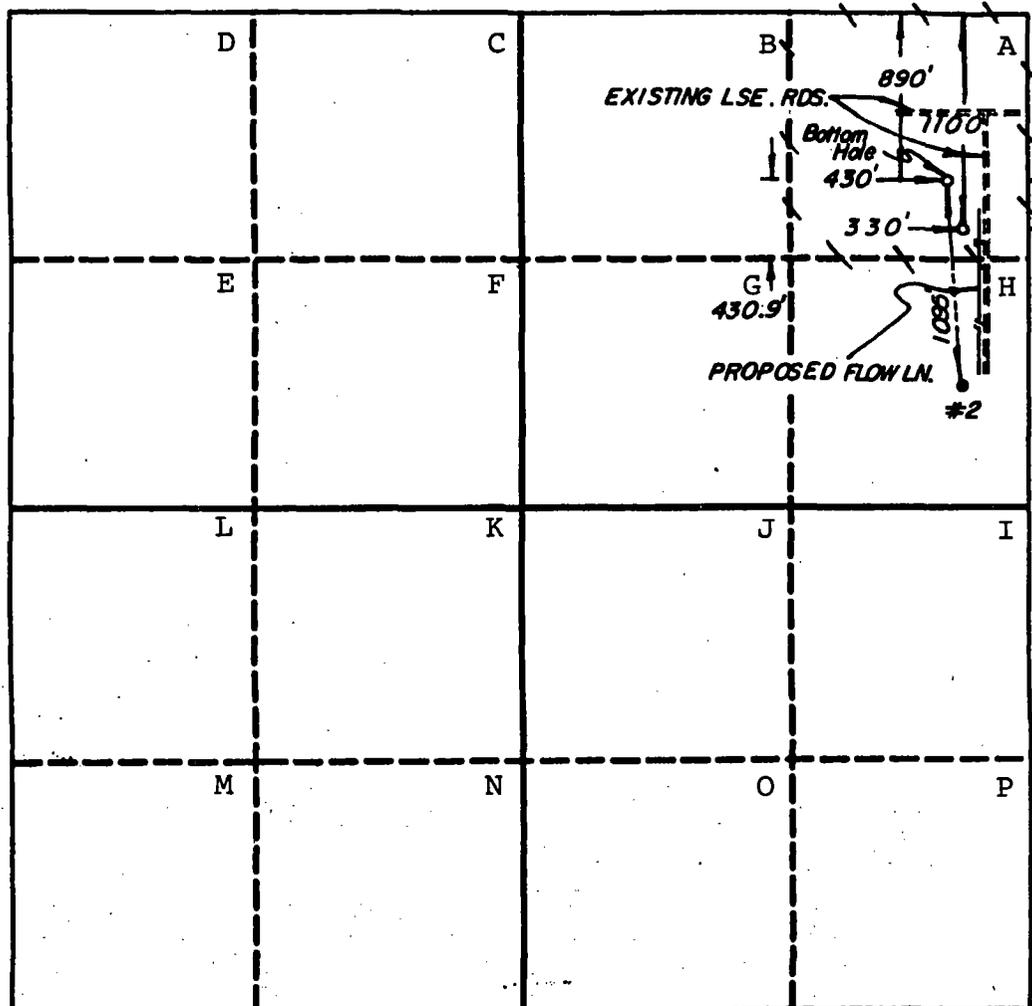
Operator PHILLIPS PETROLEUM COMPANY			Lease CHRISTOPHER "3I" FEDERAL			Well No. #1		
Unit Letter A	Section 31	Township 23 SOUTH	Range 31 EAST	County EDDY				

Actual Footage Location of Well:
1100 feet from the **NORTH** line and **330** feet from the **EAST** line

Ground level Elev. 3352'	Producing Formation UNDESIGNATED(DELAWARE)	Pool Undesignated (Delaware)	Dedicated Acreage: 4.0 Acres
------------------------------------	--	--	--

1. Outline the acreage dedicated to the subject well by colored pencil or indelible 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 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, force-pooling, or otherwise) or until a non-standard well, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

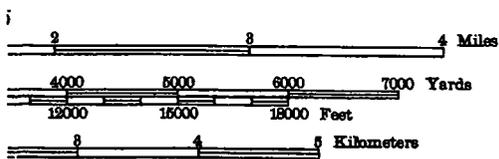
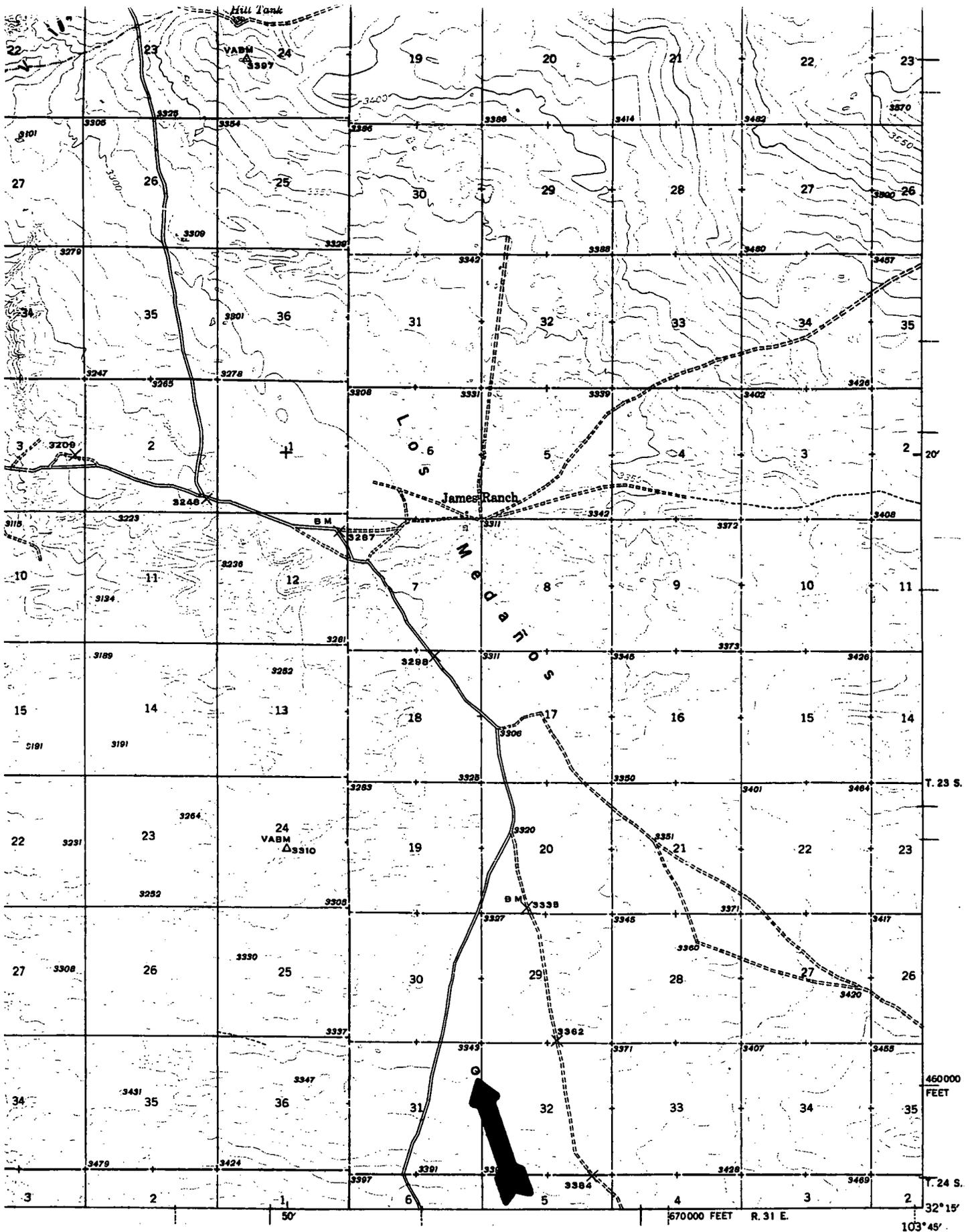
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *L. M. Sanders*
 Printed Name: **L. M. Sanders**
 Position: **Supervisor, Reg. Affairs**
 Company: **Phillips Petroleum Co.**
 Date: **October 27, 1993**

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.

Date Surveyed: **OCTOBER 22, 1993**
 Signature & Seal of Professional Surveyor: *[Signature]*
 Certificate No.: **4882**



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

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