

NSL-2640

Mobil Exploration & Producing U.S. Inc.

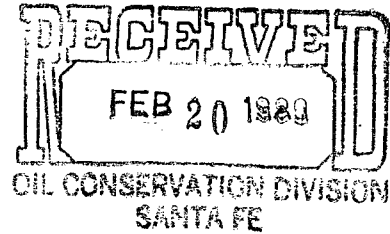
P.O. BOX 633
MIDLAND, TEXAS 79702

February 15, 1989

MIDLAND DIVISION

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
State Land Office Building
P.O. Box 2088
Santa Fe, New Mexico 87501

Attention: Dave Catanach



UNORTHODOX WELL LOCATION
LOVINGTON DEEP STATE
WELL NO. 1
SOUTH SHOE BAR
UPPER PENNSYLVANIA POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Exploration & Producing U.S. Inc. (MEPUS), as Agent for Mobil Producing Texas & New Mexico Inc., respectfully requests authority to recomplete the subject well to the South Shoe Bar Upper Pennsylvanian Pool at an unorthodox location.

This request is necessary, as required by the South Shoebar-Upper Pennsylvanian Pool Field Rules, due to the well being more than 150 feet of the center of a governmental quarter-quarter section.

The following items are being submitted, in triplicate, in support of this request:

1. Form C-101 - Application for Permit to Drill, Deepen or Plug Back;
2. Form C-102 - Well location and acreage dedication plat;
3. Map showing Offset Operators;
4. Copy of Certified letter to Offset Operators.

State of New Mexico
Unorthodox Well Location
State-Section 17 Com. #3

-2-

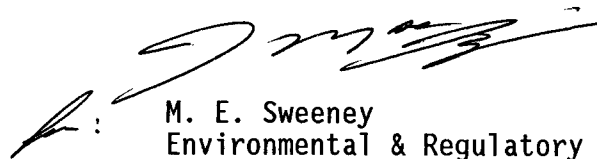
February 15, 1989

A copy of this letter and attachments are being furnished to the Offset Operators by Certified Mail, as notice of this application.

The original well was drilled on a standard oil well location within a standard 40-acre oil spacing unit under the proposed Special Pool Rules; therefore, MEPUS requests that this unorthodox location be administratively approved.

If any additional information is needed, please contact Judy W. Dixon at (915)688-2452.

Yours very truly,



M. E. Sweeney
Environmental & Regulatory Manager

Mobil Exploration & Producing U.S. Inc.
as Agent for
Mobil Producing Texas & New Mexico Inc.

JWD/arr

attachments

cc: Oil Conservation Division - Hobbs
Offset Operators (w/attach)

MOBIL EXPLORATION & PRODUCING U.S. INC.
UNORTHODOX WELL LOCATIONS
LOVINGTON DEEP STATE
WELL NO. 1
LEA COUNTY, NEW MEXICO

OFFSET OPERATORS

Texaco, Inc.
Attn: Alan R. McDaniel
P.O. Box 3109
Midland, Tx. 79702

Yates Petroleum Corporation
105 S. Fourth Street
Artesia, New Mexico 88210

Amoco Production Company
Attn: R.L. Hutson
P.O. Box 3092
Houston, Texas 77253

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
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 Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
30-025-29546

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LG-3362

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well:

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Mobil Producing Tx. & N.M. Inc.

8. Well No.

1

3. Address of Operator

c/o Mobil Exploration & Producing U.S. Inc.
P.O. Box 633, Midland, Texas 79702

9. Pool name or Wildcat South Shoe Bar
Upper Pennsylvanian Pool

4. Well Location

Unit Letter A : 823' Feet From The North Line and 581 Feet From The East Line

Section 1 Township 17S Range 35E NMPM Lea County

10. Proposed Depth
10,765

11. Formation
Pennsylvanian

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
3951.8 K.B.

14. Kind & Status Plug. Bond
Active Blanket

15. Drilling Contractor
Unknown

16. Approx. Date Work will start
ASAP

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	464'	550	Circ.
12-1/4"	9-5/8"	40#	0-4278 4278-5695	3300	Circ.
8-1/2"	Liner 5-1/2"	17#	\$241-12,825	2750	Est. 6885

BOP Sketches Attached

This well is presently completed in the South Shoe Bar-Devonian Pool, permission is requested to plugback or recomplete in the South Shoe Bar-Upper Pennsylvanian Pool.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE M. E. Sweeney TITLE Manager Environmental & Regulatory DATE 2/6/89

TYPE OR PRINT NAME M. E. Sweeney acting by and through its agent Mobil Exploration & Producing U.S. Inc. TELEPHONE NO. (915) 688-2452

(This space for State Use)

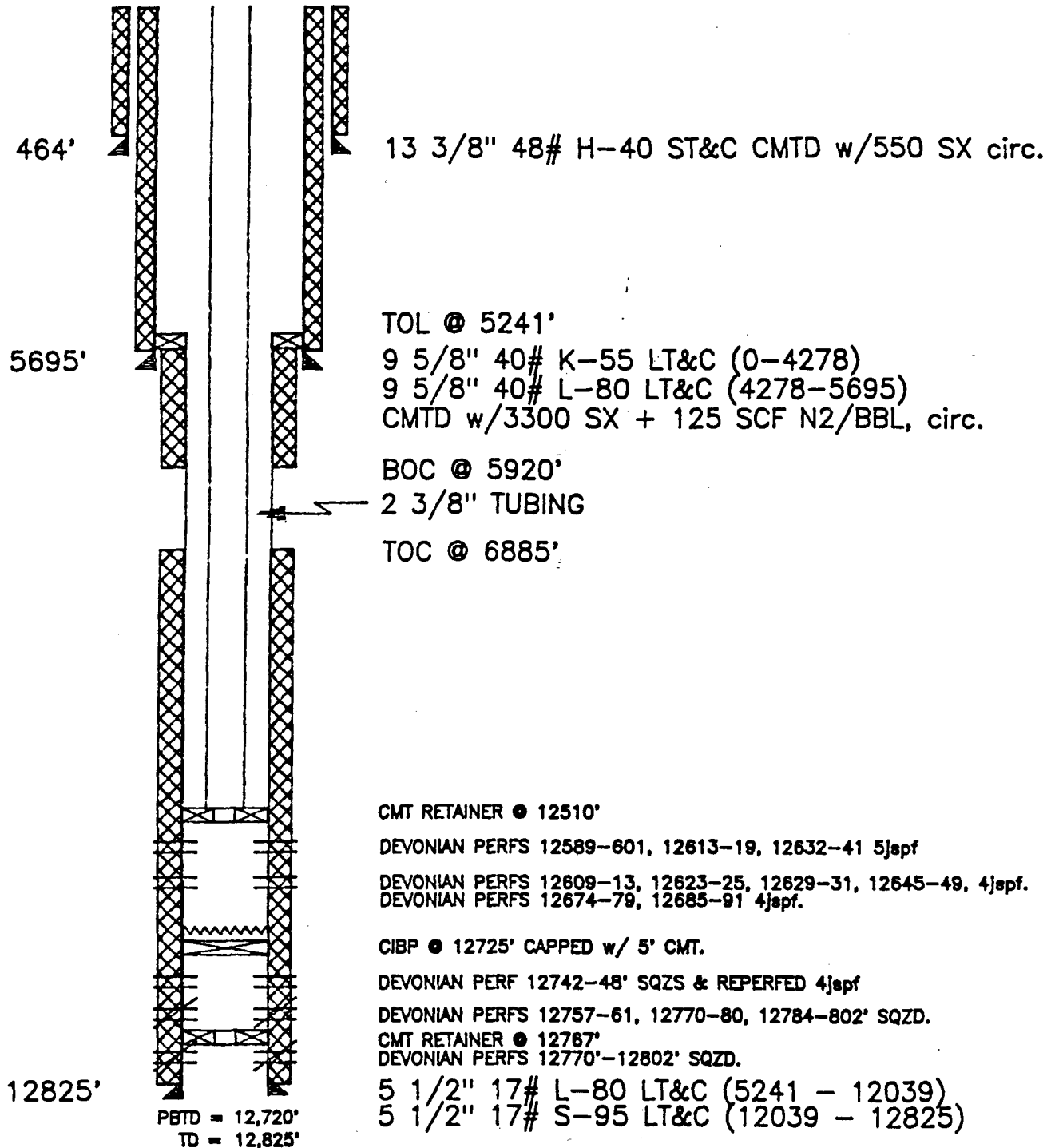
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

LOVINGTON DEEP STATE #1
SOUTH SHOE BAR/ DEVONIAN
LEA COUNTY, NEW MEXICO

GL = 3932'
DF = N.A.
KB = 3952'
823'FNL - 581'FEL
A - SECTION 1
T17S - R35E

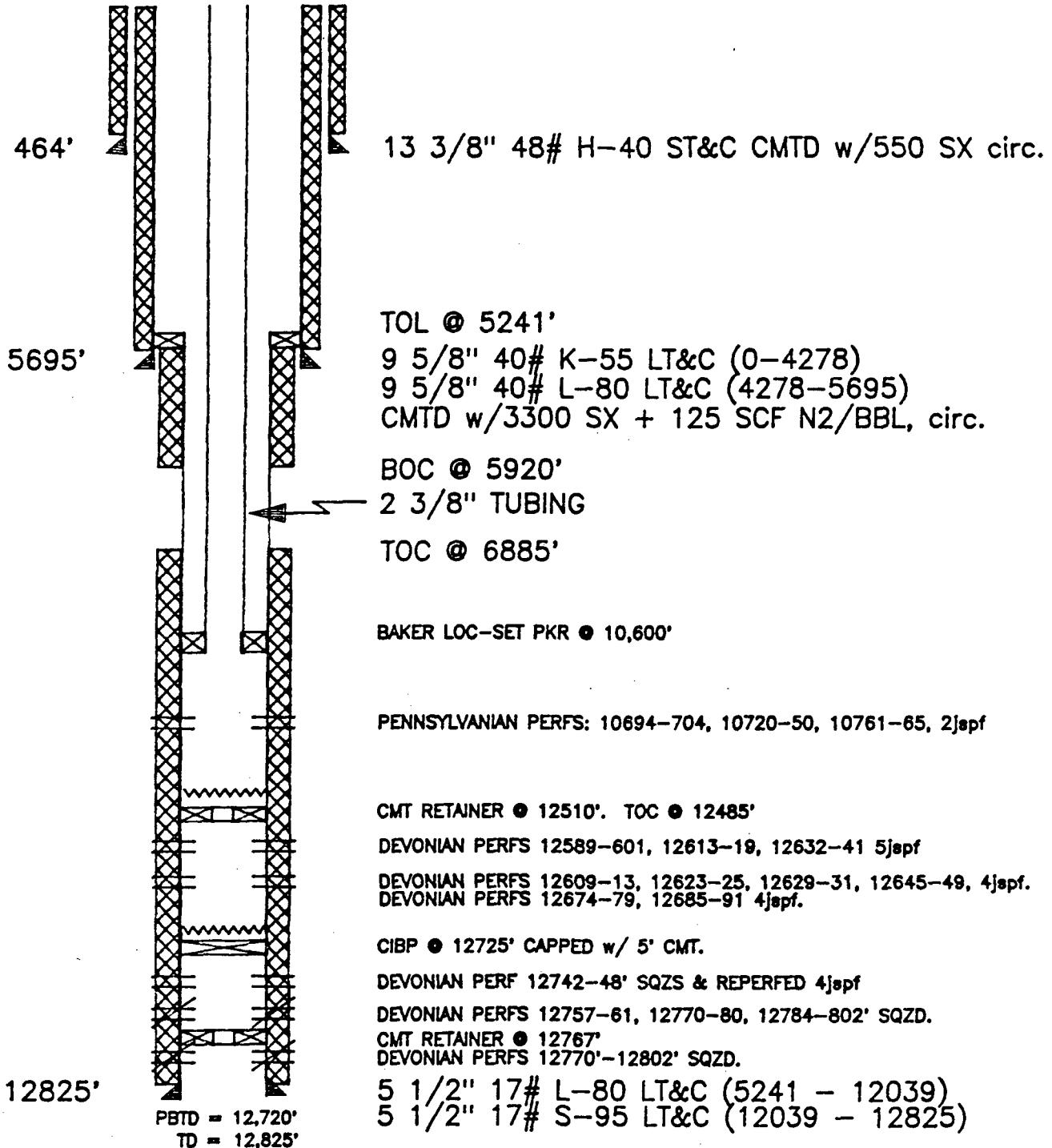
CURRENT WELLBORE SKETCH



LOVINGTON DEEP STATE #1
SOUTH SHOE BAR/ PENNSYLVANIAN
LEA COUNTY, NEW MEXICO

GL = 3932'
DF = N.A.
KB = 3952'
823'FNL - 581'FEL
A - SECTION 1
T17S - R35E

PROPOSED WELLBORE SKETCH



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 Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Mobil Producing Tx. & N. M. Inc.			Lease Lovington Deep State		Well No. 1
Unit Letter A	Section 1	Township 17S	Range 35E	County NMPM	Lea
Actual Footage Location of Well: 823' feet from the North line and 581' feet from the East line					
Ground level Elev. 3951.8	Producing Formation Upper Pennsylvanian		Pool South Shoe Bar		Dedicated Acreage: 80 Acres

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

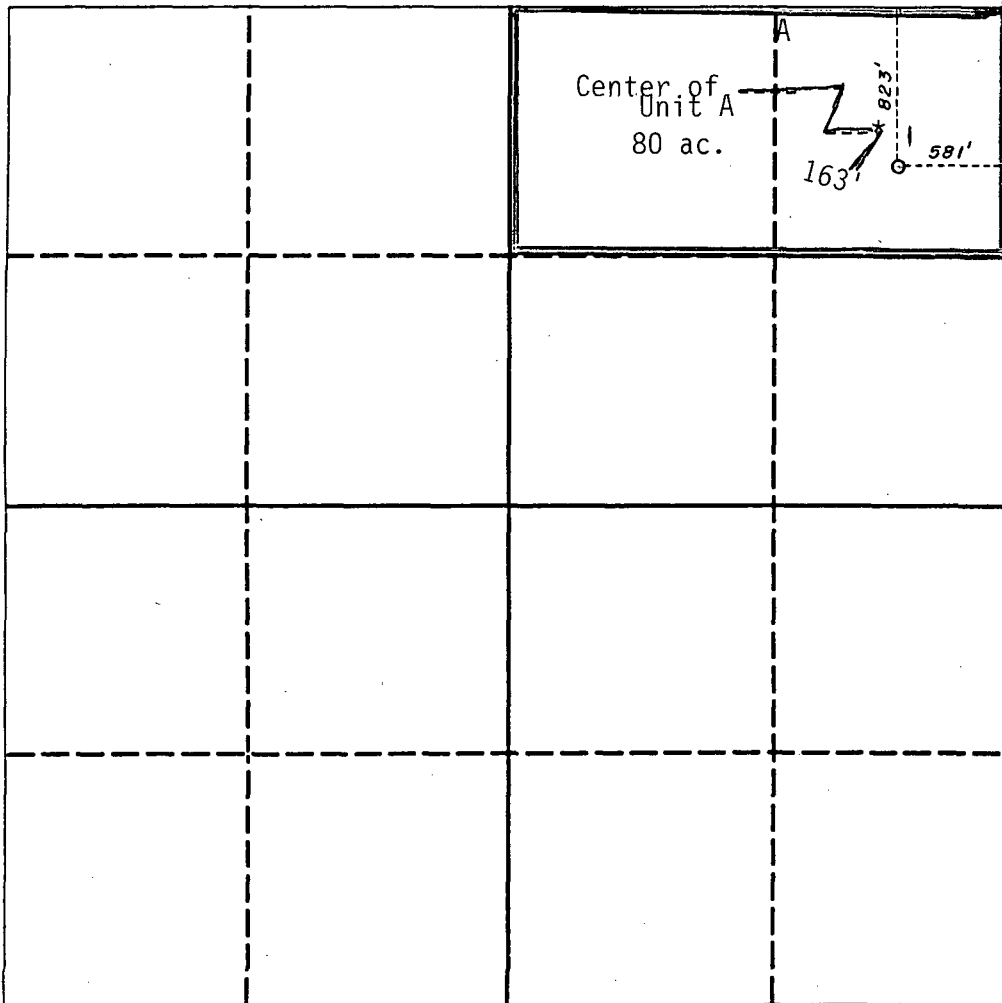
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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, 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

M. E. Sweeney

Printed Name

Manager Environmental & Regulatory
Position

Mobil Producing Texas & New Mexico Inc.

Company

acting by and through its agent

Mobil Exploration & Producing U.S. Inc.

Date

2/6/89

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

November 26, 1985

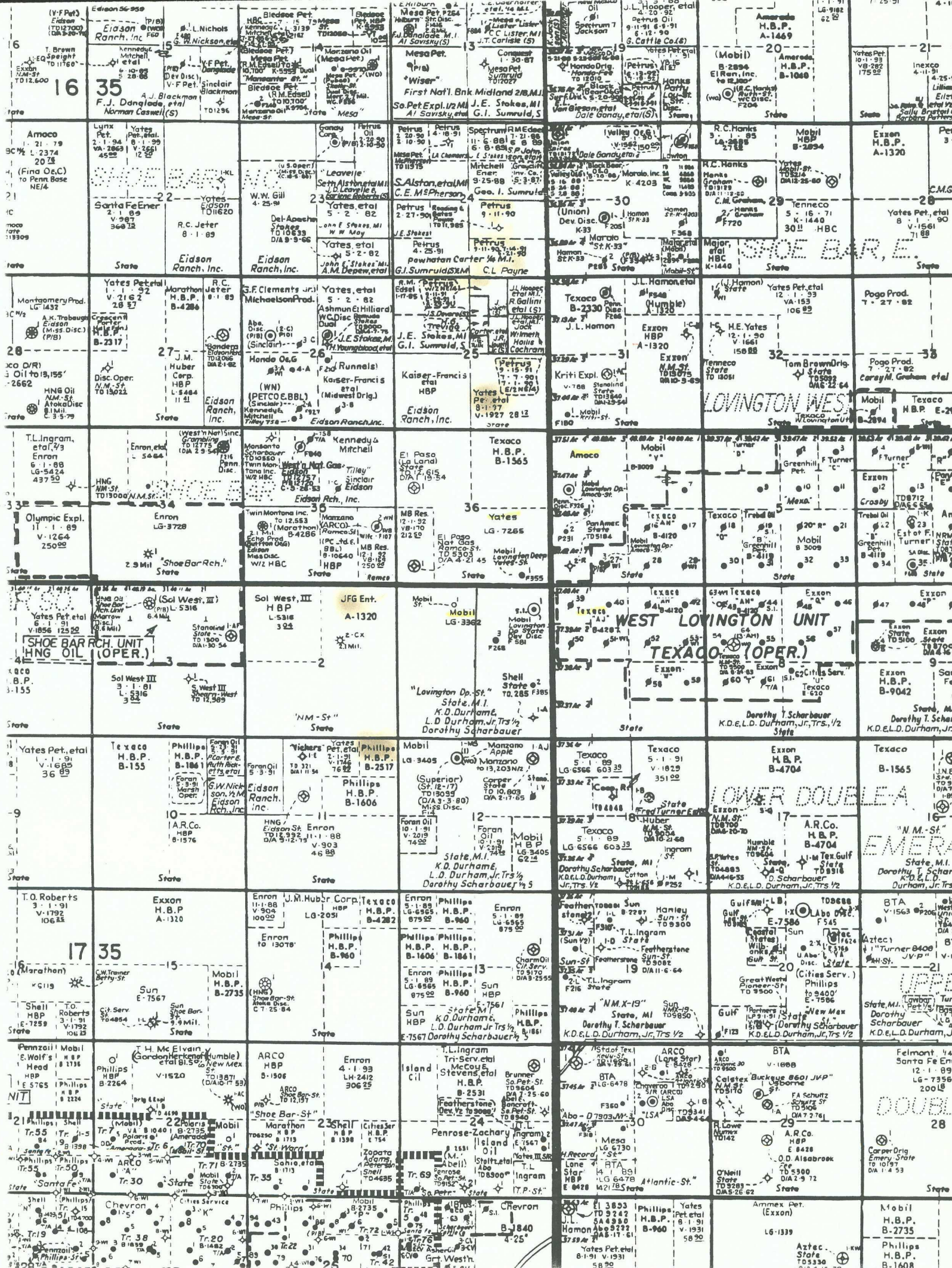
Signature & Seal of
Professional Surveyor

John W. West

Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



JFG Ent. MB Res. 35	MB Res.	Mobil (Yates)	Amoco 6
35		<i>Lovington Deep Yates State</i>	36
JFG Ent. 2	Mobil	Mobil	7 Texaco
Phillips 11	Mobil	12	7 Texaco
Reserve _____ Permit Depth <u>10,765</u>			
Special instructions _____			

THE STATE OF TEXAS COUNTY OF Midland I hereby certify that this plat truly represents conditions as they actually exist on this lease; that said plat which is drawn to the scale indicated hereon, is to the best of my knowledge true and correct; that it accurately shows said lease with all wells on same; that number and locations of said wells are as indicated hereon; and that this plat correctly reflects all pertinent and required data.		Mobil Producing Texas & New Mexico Inc. Midland Division LEASE <u>Lovington Deep State</u> WELL NO. <u>1</u> DATE <u>2/8/89</u> 19<u> </u> LEASE NO. <u> </u> TOTAL ACRES IN LEASE <u>320</u> ACRES COVERED BY PLAT <u>320</u> DESCRIPTION <u>E/2 of Section 1, T-17-S, R-35-E</u> <u>6 miles SW from Lovington, NM.</u> <u>Lea County, New Mexico</u>	
DRAWN <u>A.R.H.</u> SCALE <u>1"=1000'</u>		DATE <u>02/06/88</u> FILE NO. <u>26</u>	
FIELD <u>South Shoebar</u> (Upper Penn)		FILE NO. <u>26</u>	

Mobil Exploration & Producing U.S. Inc.

February 15, 1989

P.O. BOX 633
MIDLAND, TEXAS 79702

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

MIDLAND DIVISION

Yates Petroleum Corporation
105 S. Fourth
Artesia, New Mexico 88210

NOTICE OF APPLICATION FOR
UNORTHODOX WELL LOCATION
LOVINGTON DEEP STATE
WELL NO. 1
UNDESIGNATED - ATOKA GAS
LEA COUNTY, NEW MEXICO

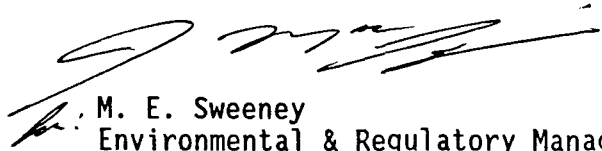
Gentlemen:

Mobil Exploration & Producing U.S. Inc. (MEPUS), as Agent for Mobil Producing Texas & New Mexico Inc., is requesting authority to drill State Section 17 Com. #3 on an unorthodox location, under the provisions of Rule 104 (F). Attached to this letter is a copy of the application to drill and corresponding plats, showing the exact location of the subject well.

If you have no objection to this application, please sign the attached waiver and mail three copies to MEPUS. An addressed, stamped envelope is enclosed for your convenience.

Please call J.W. Dixon at (915) 688-2452 if any further information is needed.

Yours very truly,



M. E. Sweeney
Environmental & Regulatory Manager

Mobil Exploration & Producing U.S. Inc.
as Agent for
Mobil Producing Texas & New Mexico Inc.

JWD/arr

attachments

cc: Oil Conservation Division - Hobbs

A:M904587A.JWD(1)

W A I V E R

Mobil Exploration & Producing U.S. Inc.
P.O. Box 633
Midland, Texas 79702

Attn: J. W. Dixon

UNORTHODOX WELL LOCATIONS
LOVINGTON DEEP STATE
WELL NO. 1
SOUTH SHOE BAR
UPPER PENNSYLVANIAN POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

We, the undersigned, have been furnished a copy of Mobil Exploration & Producing U.S. Inc., as Agent for Mobil Producing Texas & New Mexico Inc.'s application to drill the subject well on an unorthodox location under the provisions of Rule 104 (F). Please be informed that we, as an offset operator, have no objection to the drilling of this well as set forth in MEPUS's application dated February 14, 1989.

Yours truly,

Company:	_____
Representative:	_____
Signature:	_____
Title:	_____
Date:	_____

W A I V E R

Mobil Exploration & Producing U.S. Inc.
P.O. Box 633
Midland, Texas 79702

Attn: J. W. Dixon

UNORTHODOX WELL LOCATIONS
LOVINGTON DEEP STATE
WELL NO. 1
SOUTH SHOE BAR
UPPER PENNSYLVANIAN POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

We, the undersigned, have been furnished a copy of Mobil Exploration & Producing U.S. Inc., as Agent for Mobil Producing Texas & New Mexico Inc.'s application to drill the subject well on an unorthodox location under the provisions of Rule 104 (F). Please be informed that we, as an offset operator, have no objection to the drilling of this well as set forth in MEPUS's application dated February 14, 1989.

Yours truly,

Company: _____
Representative: _____
Signature: _____
Title: _____
Date: _____

W A I V E R

Mobil Exploration & Producing U.S. Inc.
P.O. Box 633
Midland, Texas 79702

Attn: J. W. Dixon

**UNORTHODOX WELL LOCATIONS
LOVINGTON DEEP STATE
WELL NO. 1
SOUTH SHOE BAR
UPPER PENNSYLVANIAN POOL
LEA COUNTY, NEW MEXICO**

Gentlemen:

We, the undersigned, have been furnished a copy of Mobil Exploration & Producing U.S. Inc., as Agent for Mobil Producing Texas & New Mexico Inc.'s application to drill the subject well on an unorthodox location under the provisions of Rule 104 (F). Please be informed that we, as an offset operator, have no objection to the drilling of this well as set forth in MEPUS's application dated February 14, 1989.

Yours truly,

Company: _____
Representative: _____
Signature: _____
Title: _____
Date: _____

Mobil Exploration & Producing U.S. Inc.

February 15, 1989

P.O. BOX 633
MIDLAND, TEXAS 79702

MIDLAND DIVISION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Amoco Production Company
P.O. Box 3092
Houston, Texas 77253

Attn: R. L. Hutson

NOTICE OF APPLICATION FOR
UNORTHODOX WELL LOCATION
LOVINGTON DEEP STATE
WELL NO. 1
SOUTH SHOE BAR
UPPER PENNSYLVANIAN POOL
LEA COUNTY, NEW MEXICO

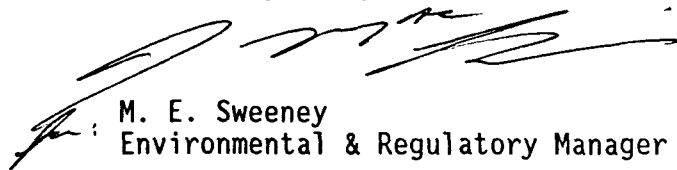
Gentlemen:

Mobil Exploration & Producing U.S. Inc. (MEPUS), as Agent for Mobil Producing Texas & New Mexico Inc., is requesting authority to drill Lovington Deep State #1 on an unorthodox location, under the provisions of Rule 104 (F). Attached to this letter is a copy of the application to recomplete and corresponding plats, showing the exact location of the subject well.

If you have no objection to this application, please sign the attached waiver and mail three copies to MEPUS. An addressed, stamped envelope is enclosed for your convenience.

Please call J.W. Dixon at (915) 688-2452 if any further information is needed.

Yours very truly,



M. E. Sweeney
Environmental & Regulatory Manager

Mobil Exploration & Producing U.S. Inc.
as Agent for
Mobil Producing Texas & New Mexico Inc.

JWD/arr

attachments

cc: Oil Conservation Division - Hobbs

A:M904587A.JWD(1)

Mobil Exploration & Producing U.S. Inc.

February 15, 1989

P.O. BOX 633
MIDLAND, TEXAS 79702

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

MIDLAND DIVISION

Texaco, Inc.
P.O. Box 3109
Midland, Texas 79702

Attn: Alan R. McDaniel

NOTICE OF APPLICATION FOR
UNORTHODOX WELL LOCATION
LOVINGTON DEEP STATE
WELL NO. 1
SOUTH SHOE BAR
UPPER PENNSYLVANIAN POOL
LEA COUNTY, NEW MEXICO

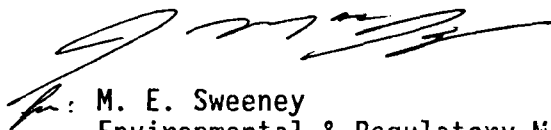
Gentlemen:

Mobil Exploration & Producing U.S. Inc. (MEPUS), as Agent for Mobil Producing Texas & New Mexico Inc., is requesting authority to drill Lovington Deep State #1 on an unorthodox location, under the provisions of Rule 104 (F). Attached to this letter is a copy of the application to recomplete and corresponding plats, showing the exact location of the subject well.

If you have no objection to this application, please sign the attached waiver and mail three copies to MEPUS. An addressed, stamped envelope is enclosed for your convenience.

Please call J.W. Dixon at (915) 688-2452 if any further information is needed.

Yours very truly,



M. E. Sweeney
Environmental & Regulatory Manager

Mobil Exploration & Producing U.S. Inc.
as Agent for
Mobil Producing Texas & New Mexico Inc.

JWD/arr

attachments

cc: Oil Conservation Division - Hobbs

A:M904587A.JWD(1)



Texaco USA
Producing Department
Midland Division

PO Box 3109
Midland TX 79702-3109

February 22, 1989

New Mexico Department of Energy & Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Attn: Unorthodox Location Section

RE: *NSL-2640*
GOV - STATE AND LOCAL GOVERNMENTS
New Mexico Oil Conservation Division
Waiver Request
Unorthodox Location Exception

Gentlemen:

Texaco Inc., as an offset operator, hereby waives any objection to the request of Mobil Exploration and Producing USA, Inc. to recompleate the Lovington Deep State Well No. 1 in the South Shoe Bar Upper Pennsylvania Pool.

It is understood that the well is located 823' FNL and 581' FEL of Section 1, T-17-S, R-35-E, Lea County, New Mexico.

Yours very truly,

E. A. Baker 2/22/89

E. A. Baker
Acting Engineering Manager

APR/so

RECEIVED

FEB 27 1989

ENV. & REG.



Amoco Production Company

Houston Region
501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253

James F. Trickett
Regional Environmental, Safety &
Regulatory Affairs Manager

March 7, 1989

File: WGW-1288-986.51NM

Re: Unorthodox Well Location
Lovington Deep State Well No. 1
Unit A, 823' FNL x 581' FEL, Sec. 1, T17S, R35E
Lea County, New Mexico

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, NM 87501

Attention: William J. LeMay

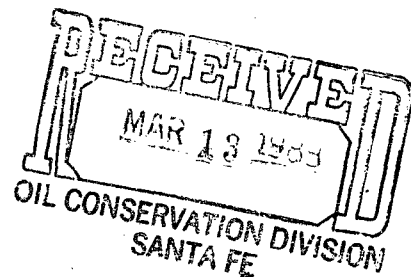
Amoco Production Company has been advised that Mobil Exploration & Producing U.S. Inc. has made application to plug-back their Lovington Deep State No. 1 well in the South Shoe Bar Upper Pennsylvanian Pool at the above stated unorthodox location.

This is to advise that, as an offset operator, Amoco has no objection to Mobil's application for an unorthodox well location.

Your very truly,

MLC/gz

Mobil Exploration & Producing U.S. Inc.
P.O. Box 633
Midland, TX 79702



W A I V E R

Mobil Exploration & Producing U.S. Inc.
P.O. Box 633
Midland, Texas 79702

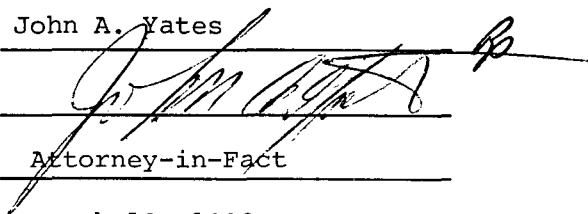
Attn: J. W. Dixon

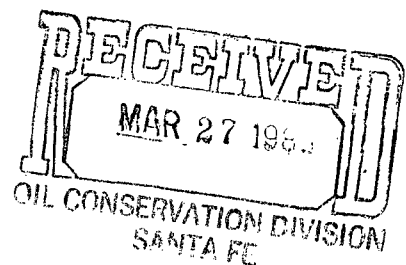
NSL-2640
UNORTHODOX WELL LOCATIONS
LOVINGTON DEEP STATE
WELL NO. 1
SOUTH SHOE BAR
UPPER PENNSYLVANIAN POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

We, the undersigned, have been furnished a copy of Mobil Exploration & Producing U.S. Inc., as Agent for Mobil Producing Texas & New Mexico Inc.'s application to drill the subject well on an unorthodox location under the provisions of Rule 104 (F). Please be informed that we, as an offset operator, have no objection to the drilling of this well as set forth in MEPUS's application dated February 14, 1989.

Yours truly,

Company:	<u>YATES PETROLEUM CORPORATION</u>
Representative:	<u>John A. Yates</u>
Signature:	<u></u>
Title:	<u>Attorney-in-Fact</u>
Date:	<u>March 13, 1989</u>





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

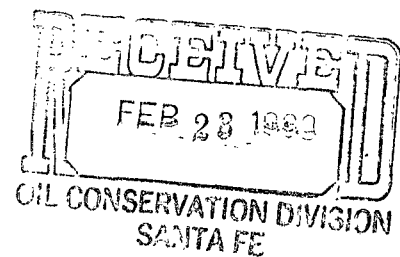
2-20-89

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL X _____
NSP _____
SWD _____
WFX _____
PMX _____



Gentlemen:

I have examined the application for the:

mobil Prod TX & NM Inc Loveington Deep St #1-A 1-17-35
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed