

Mobil Producing Texas & New Mexico Inc.

APR 13 1987

April 10, 1987

P. O. BOX 633
MIDLAND, TEXAS 79702

MIDLAND DIVISION

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

Case 9128

Attention: Mr. William J. LeMay

7.01
UNORTHODOX WELL LOCATION
MOBIL PRODUCING TX. & N. M., INC.
LOVINGTON DEEP AMOCO STATE WELL #2
UNDESIGNATED (DEVONIAN) FIELD
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Producing TX. & N. M., Inc., (MPTM) respectfully requests authority to complete the subject well at an unorthodox location under the provisions of Rule 104 F. MPTM operates all the land surrounding the well's quarter-quarter section.

The well has been drilled, tested and is awaiting final completion. The NMOCD office at Hobbs discovered that the permitted location is more than the 150 feet distance allowed from the center of the quarter-quarter section as set out in the South Shoe Bar-Devonian Field Rules.

Therefore, to prevent economic waste, MPTM requests administrative approval for this unorthodox location. In support of this request, the following items are submitted in triplicate:

1. Copy of original C101,
2. Copy of original C102,
3. Certified plat showing all wells and Offset Operators.

State of New Mexico
Oil Conservation Division

-2-

April 10, 1987

If any further information is needed, please call Ann Moore at (915) 688-1772.

Yours truly,

C.A. Moore

for M. E. Sweeney
Environmental & Regulatory Manger

CAM/jlt

Attachments

cc: NMOCD-Hobbs

April 10, 1987

If any further information is needed, please call Ann Moore at (915) 688-1772.

Yours truly,

C. A. Moore

for M. E. Sweeney
Environmental & Regulatory Manger

CAM/jlt

Attachments

cc: NMOCD-Hobbs

bcc: Regulatory Files (w/attach)
Central Files (w/attach)
J. N. Howard (w/attach)
A. J. Alcott (w/attach)
D. R. Seale (w/attach)

30 2-3-2 8.34

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
B-10639

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Mobil Producing TX. & N.M. Inc.

3. Address of Operator
P. O. Box 633, Midland, TX., Attention: Lorraine Maroney

4. Location of Well UNIT LETTER L LOCATED 1830 FEET FROM THE south LINE
AND 510 FEET FROM THE West LINE OF SEC. 6 TWP. 17-S RGE. 36-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Lovington Deep Amoco State

9. Well No.
2

10. Field and Pool, or Wildcat
Undesignated-Devonian-Elle

12. County
Lea

19. Proposed Depth
16,000

19A. Formation
Devonian-Elle

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
3929' GR

21A. Kind & Status Plug. Bond
Active Blanket

21B. Drilling Contractor
Unknown

22. Approx. Date Work will start
January 10, 1987

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16	65#	0-450'	650	Surface
14-3/4"	10-3/4"	51#	0-10,500'	4,500	Surface
9-1/2"	7-5/8"	29.7#	0-10,500'	2,100	4,800
9-1/2"	7-5/8"	33.7#	10,500-13,100'	300	12,200
6-1/2"	5-1/2"	19.8#	12,900-15,300' or at TD	700	12,900

BOP Series:

Csg. Setting	Size	Depth	BOP Size	Rating	Min ARR	Choke Rating
Surface	16"	450'	20-3/4"	2000	SA	2000
Int. 1	10-3/4"	5,150'	13-5/8"	5000	SRRA	5000
Int. 2	7-5/8"	13,100	11"	5000	RSRRA	5000

RECEIVED

JAN 07 1987

ENV. & REG.

DRILLING PERMITS

G. K. Baker (DEV. WELLS)
KOURT PEREIRA
CENTRAL FIELD/MIDLAND
REGULATORY
JUDY CAMPBELL
T. A. CLARK
DIST. OP. MGR. J. J. Alford
PROD. SUPERV. J. J. Alford
AREA - Lea
E. C. GRIFFITHS (WILDCAT)
Reg. Act./R. J. J. Hobbs (NEW WELLS)
J. N. HOWARD/HOUSTON
WARREN
JOHN HUCKABAY
PROPERTY TAX/DALLAS
Sheet 1-2-57

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA TIME 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.

Signed M. E. Sweeney Title Environmental & Regulatory

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____

DATE JAN 5 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

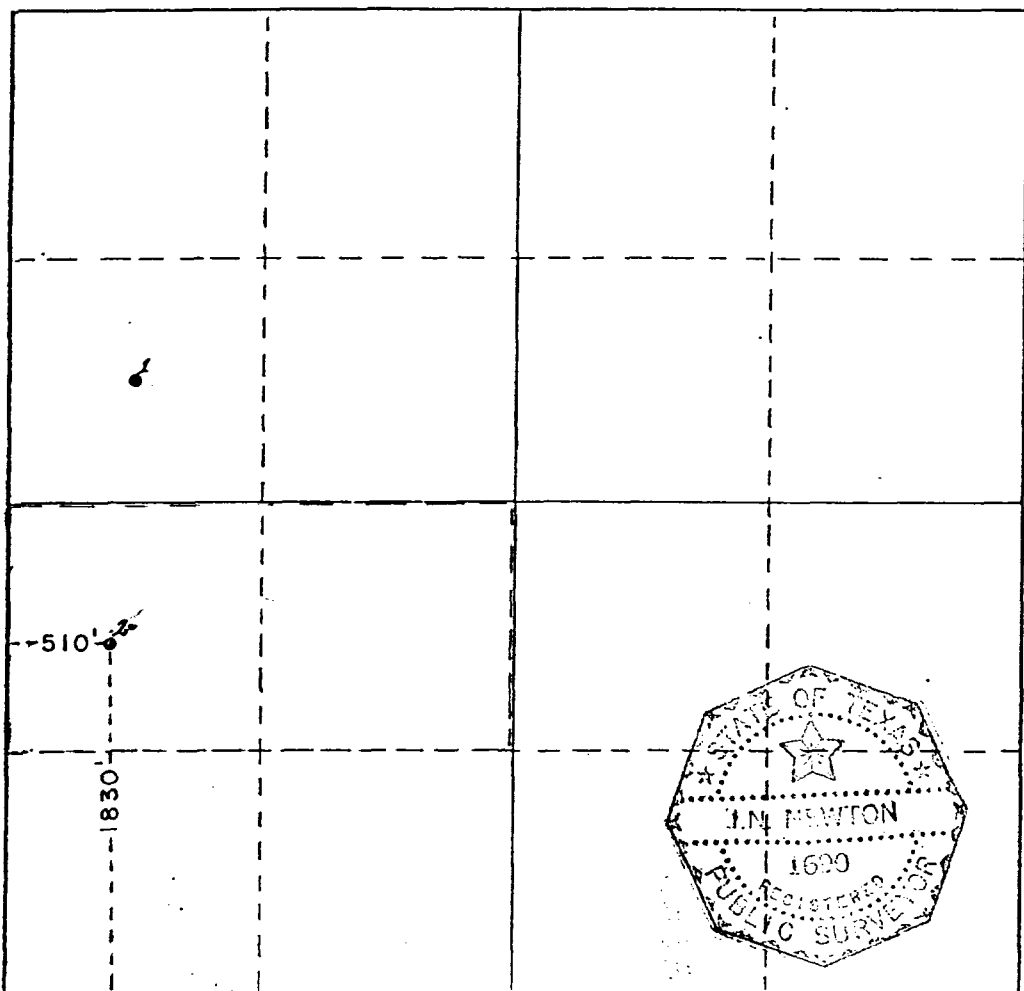
Operator <i>Mobil Producing Texas & New Mexico, Inc.</i>		Lease <i>Amoco State</i>		Well No. <i>2</i>
Unit Letter <i>L</i>	Section <i>6</i>	Township <i>17 South</i>	Range <i>36 East</i>	County <i>Lea</i>
Actual Footage Location of Well: <i>510</i> feet from the <i>West</i> line and <i>1830</i> feet from the <i>South</i> line				
Ground Level Elev. <i>3929</i>	Producing Formation <i>Devonian-Ellen</i>	Pool <i>Undesignated</i>	Dedicated Acreage: <i>80</i> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Division.



CERTIFICATION

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

M. E. Sweeney
Name

M. E. Sweeney

Position
Env. & Reg. Manager

Company
Mobil Producing TX. & N.M. Inc

Date
January 2, 1987

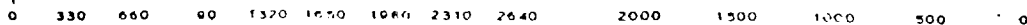
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 18, 1986

Registered Professional Engineer and/or Land Surveyor:

J. N. Newton

Certificate No. *5109*



NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B-10639

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER-

2. Name of Operator
Mobil Producing TX. & N.M. Inc.

3. Address of Operator
P. O. Box 633, Midland, Texas 79702 Attention: Lorraine Maroney

4. Location of Well
UNIT LETTER L 1830 FEET FROM THE south LINE AND 510 FEET FROM THE west LINE, SECTION 6 TOWNSHIP 17-S RANGE 36-E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3929' GR

7. Unit Agreement Name

8. Farm or Lease Name State
Lovington Deep Amoco

9. Well No.
2

10. Field and Pool, or Wildcat
Undesignated-Devonian

12. County

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK

TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS.

PULL OR ALTER CASING OTHER CASING TEST AND CEMENT JOB

OTHER Change Casing Program

- DRILLING PERMITS**
- 1 G. K. Baker (DEV. WELLS)
 - 1 R. R. HARRELL *M. E. Sweeney*
 - 1 KOURT PEREIRA
 - 1 CENTRAL FIRES-MID AND
 - 1 RECUITATORY
 - 2 JUDY CAMPBELL
 - 1 T. A. CLARK *(Signature)*
 - 1 DIST. OP. MGR. *(Signature)*
 - 1 PROD. SUPPLY *(Signature)*
 - 1 AREA *(Signature)*
 - 1 BILL MARCUM (CO) MID
 - 1 E. C. GRIFITHS (WILDCAT)
 - 1 Reg Act/R. Jay/Hous (NEW WELLS)
 - 1 J. N. HOWARD/HOUSTON
 - 1 WARREN HAMELL
 - 1 JOHN HUCKABAY
 - 1 PROPERTY TAX DALLAS

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated work) SEE RULE 1103.

CHANGE CASING PROGRAM PRIOR TO SPUD

Hole Size	Casing Size	Weight/Ft	Setting Depth	Sx Cement	Est. TOC
17-1/2"	13-3/8"	48#	450'	450	Surface
12-1/4"	9-5/8"	36#	5,150'	3500	Surface
8-3/4"	5-1/2"	15.5 & 17#	12,800' or @ TD	1800	4800'

BOP Program:

Casing Section	Casing Size	Depth	BOP Size	Rating	Min ARR	Choke Rating
Surface	13-3/8"	450'	13-3/8"	3000	SRR	2000
Intermediate	9-5/8"	5150'	11"	5000	SRRA	5000

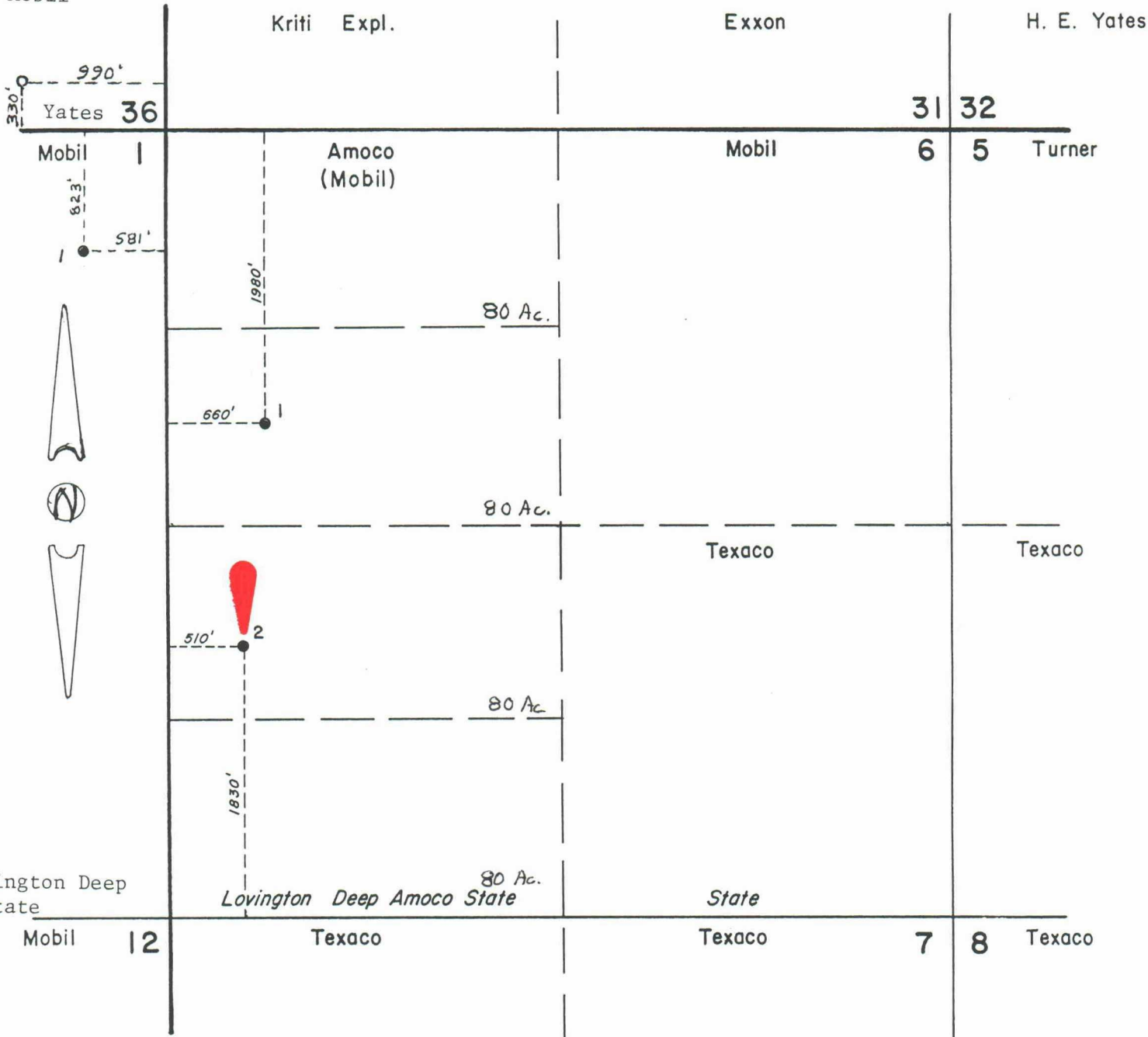
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 SIGNED M. E. Sweeney TITLE Environmental & Reg. Manager DATE January 14, 1987

APPROVED BY Paul Kautz TITLE Geologist DATE JAN 16 1987

CONDITIONS OF APPROVAL, IF ANY:

THIS DRAWING AND ALL INFORMATION THEREON IS THE PROPERTY OF MOBIL PRODUCING TEXAS & N. MEXICO INC. AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREON (PARTIAL OR COMPLETE) SHALL BE RETURNED TO THE OWNER ON DEMAND.

Mobil



Lovington Deep State

Reserve _____ Permit Depth 16,000'

Special Instructions The Subject well has been found to be an unorthodox location. We are requesting administrative approval on this location.

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.

C. A. Moore 4-10-87

**Mobil Producing Texas & New Mexico Inc.
Midland Division**

LEASE Lovington Deep Amoco State
WELL NO. 2 DATE 4-10 19 87
LEASE NO. _____
TOTAL ACRES IN LEASE 309.85 ACRES COVERED BY PLAT 309.85
DESCRIPTION West 2/4 of Section 6, T-17-S, R-36-E
6 miles SW from Lovington, N.M.
Lea County, New Mexico

DRAWN <u>A.L.W.</u>	DATE <u>10/6/86</u>	FIELD <u>South Shoe Bar - Devonian</u>
SCALE <u>1"=1000'</u>	FILE NO. <u>29</u>	