

Mobil Producing Texas & New Mexico Inc.

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

February 3, 1987

State of New Mexico
Energy and Minerals Department
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Oil and Gas Department

*Deep Amoco St No. 1
Lots 3, 4, 5, 6, 7
SE 1/4 NW 1/4 Sect 6
E 1/2 SW 1/4 Sect 5
Lots 3, 4, 5 NW 1/4 Sect 5 468.
T-17S, R-36E 2000*

7.01 SURFACE COMMINGLE

MOBIL PRODUCING TX & NM INC.
LOVINGTON DEEP AMOCO STATE
WELL NO. 1, LEASE NO. B-10639
SECTION 6, T-17-S, R-36-E
UNDESIGNATED-PERMO-PENN POOL
LEA COUNTY, NEW MEXICO

*1980 FUL
660 FUL
Sect 6.*

Gentlemen:

On October 24, 1986 Mobil Producing TX & NM Inc. received authority to commingle production for the Lovington Deep Amoco State, Well #1 with the Lovington Deep State, Well #1. Mobil Producing TX & NM Inc. requests to amend administrative order CTB-321 to reflect the Lovington Deep Amoco State, Well #1 completed and producing from the Undesignated-~~Permo~~-Penn formation instead of the South Shoe Bar - Devonian formation as originally indicated.

We fulfill the requirements outlined by the NMOC Rule 303 (B) and provide the necessary supporting documentation for this request. The result of this surface commingling will not reduce the commercial value of the commingled product (oil analysis attached). I have been advised that both leases share common ownership. A schematic diagram of the commingling facility was submitted with our original application.

On January 21, 1987 the Lovington Deep Amoco State #1 was potentialled. In a 24 hour test the well flowed 326 barrels of oil, 400 MCF of gas and 3 barrels of water (GOR 1227). Oil gravity at 60 was 44.5 and flowing tubing pressure was 900#. This production will be metered.

*Deep St. No. 1
All Sect 1 T-17S, R-35E
640 Acres*

*820 FUL
581 FUL
Sect 1*

Your earliest consideration of this request would be appreciated. Should you have any further questions, please contact G. M. Sullivan at (713) 871-5502.

Very truly yours,

A handwritten signature in dark ink, appearing to read "G. M. Sullivan", with a stylized flourish at the end.

G. M. Sullivan
Authorized Agent

GMS/mc
Attachments

cc: I. Hodges
K. J. Sawyer
D. R. Seale
D. K. Woods

NEW-TEX LAB
P.O. Box 1161
Hobbs, New Mexico 88240

ANALYSIS CERTIFICATE

CLIENT: MOBIL OIL PROD TX & NM INC., ANALYSIS NUMBER: 1199
ADDRESS: BOX 1500 DATE OF RUN: 01 19 87
CITY, STATE: HOBBS, NM 88240 DATE SECURED: 01 17 87

SAMPLE IDENT: LOVINGTON DEEP AMOCO STATE #1
SAMPLING PRESS: SAMPLING TEMP:

REMARKS: 11.45# psia REID VAPOR PRESSURE

***** TOTAL SULFUR ANALYSIS *****

LOVING DEEP AMOCO STATE #1

.029 WT % Total Sulfur
44.05 @ 60 deg API Gravity

RECEIVED

JAN 26 1987

PRODUCTS
ACCTG.

ORIGINAL SIGNED BY
DEANE SIMPSON

NEW-TEX LAB
P.O. Box 1161
Hobbs, New Mexico 88240

ANALYSIS CERTIFICATE

CLIENT: MOBIL PROD TX & NM INC., ANALYSIS NUMBER: 1195
ADDRESS: BOX 1800 DATE OF RUN: 01 17 87
CITY, STATE: HOBBS, NM 88240 DATE SECURED: 01 17 87

SAMPLE IDENT: LOVINGTON DEEP AMOCO STATE #1
SAMPLING PRESS: SAMPLING TEMP:

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	1.461	
CARBON DIOXIDE	0.729	
METHANE	66.190	
ETHANE	17.024	4.540
PROPANE	10.115	2.777
ISO-BUTANE	0.909	0.297
NORMAL BUTANE	2.488	0.782
ISO-PENTANE	0.410	0.151
NORMAL PENTANE	0.372	0.134
HEXANES	0.302	0.124
TOTAL	100.000	8.805

PROPANE GPM: 2.78 BUTANES GPM: 1.08
ETHANE GPM: 4.54 PENTANES PLUS GPM: 0.41

SPECIFIC GRAV (CALC): 0.8196
MOLE WEIGHT: 23.74

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		1357	1381
14.650		1353	1377
14.730		1360	1384
14.735		1360	1385

ANALYZED BY:

APPROVED BY:

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

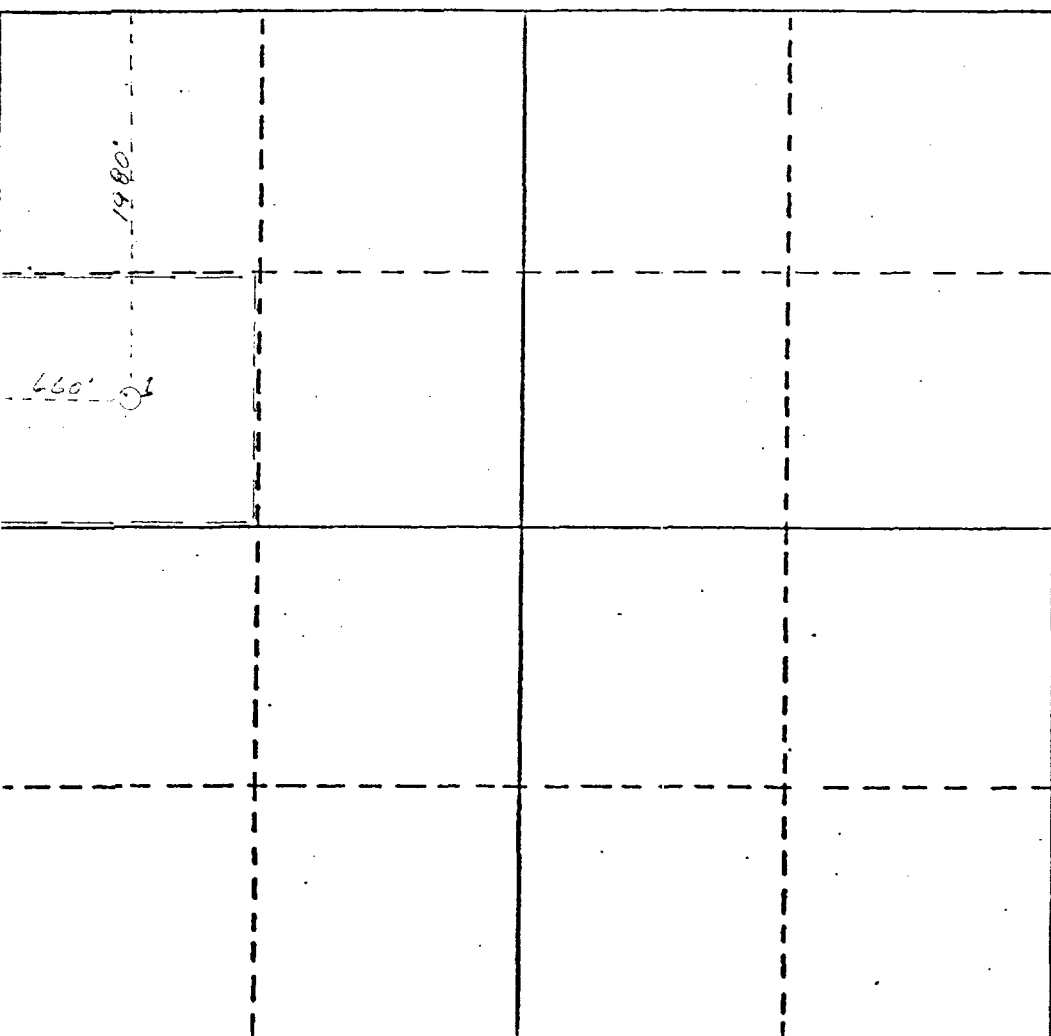
Operator Mobil Producing TX. & N.M. Inc.			Lease Lovington Deep Amoco State		Well No. 1
Unit Letter E	Section 6	Township 17-S	Range 36-E	County Lea	
Actual Footage Location of Well:					
1980 feet from the north		line and	660 feet from the west		line
Ground Level Elev. 3927'	Producing Formation Permo-Penn	Pool Undesignated		Dedicated Acreage: 40 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 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 29, 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.

RECEIVED

FEB 02 1987

Date Surveyed

May 30, 1986

PRODUCTION
ACCTG

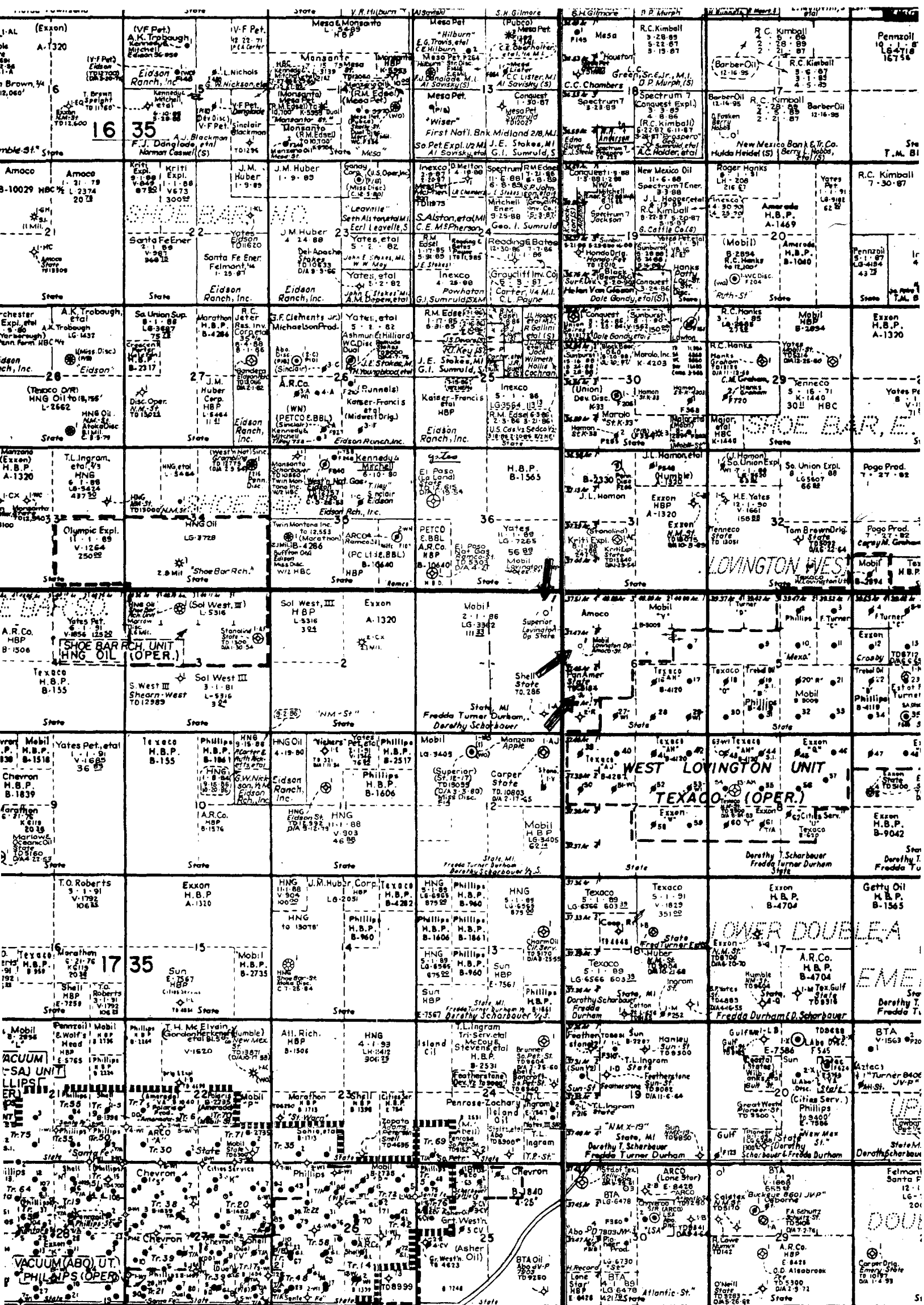
Registered Professional Engineer
and/or Land Surveyor

Norman E. Cumings

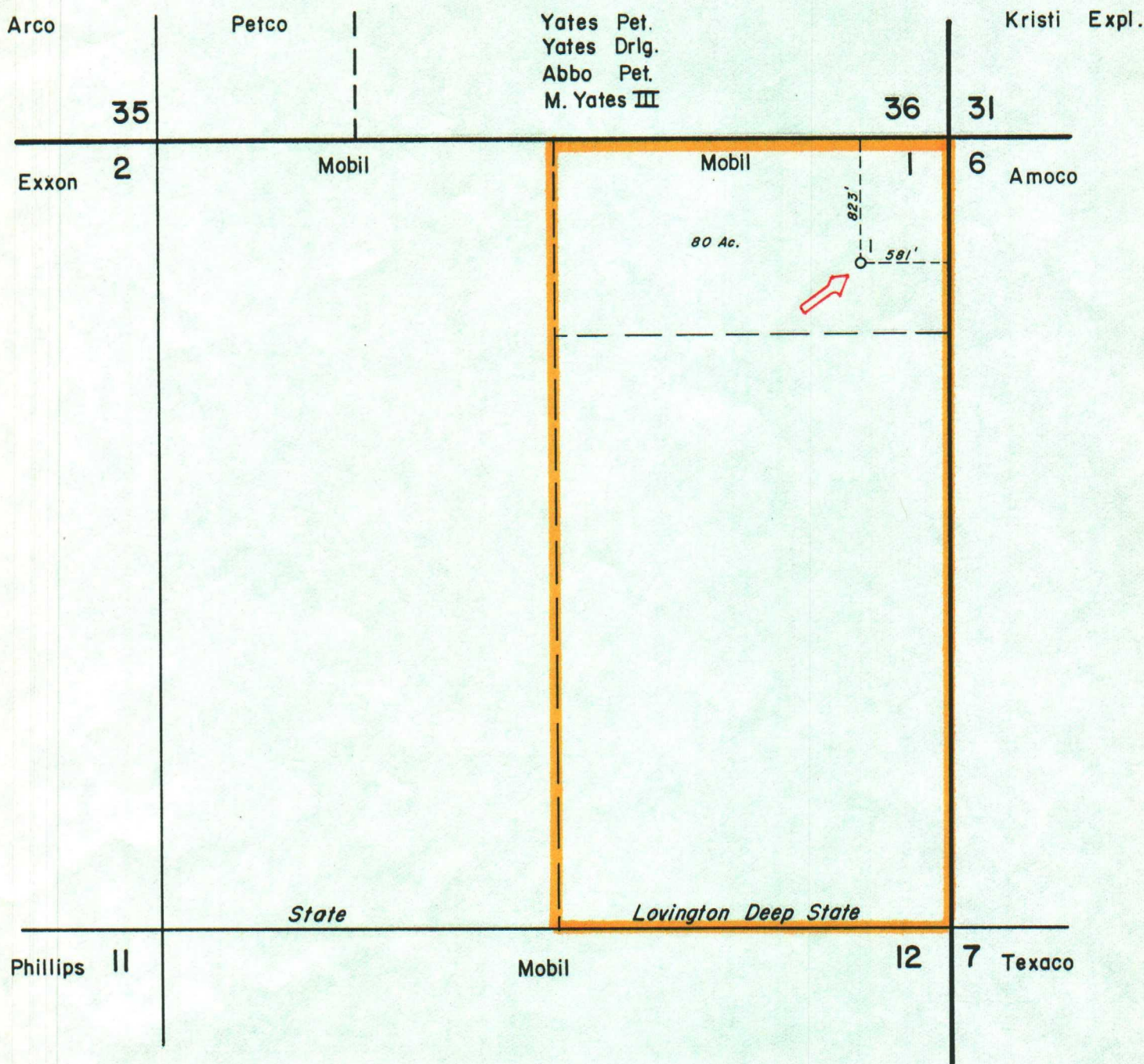
Certificate No.

9669

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



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Reserve _____ Permit Depth _____

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 Lovington Deep State
WELL NO. 1 DATE January 30, 1987

LEASE NO. _____
TOTAL ACRES IN LEASE 320 ACRES COVERED BY PLAT 320
DESCRIPTION E/2 of Section 1, T-17-S, R-35-E

6 miles SW from Lovington, NM.

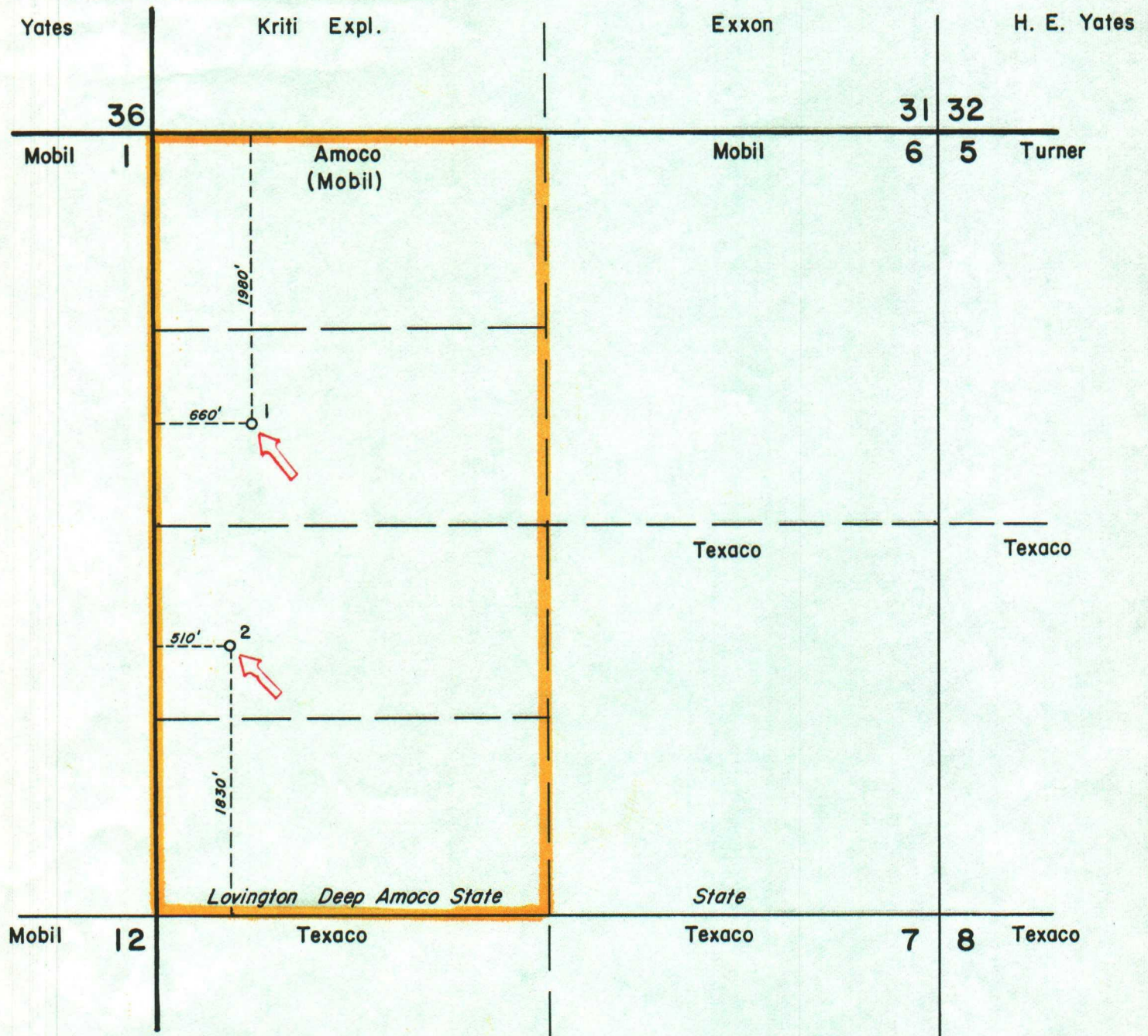
Lee County, New Mexico

DRAWN A.L.W.
SCALE 1"=1000'

DATE 01/08/86
FILE NO. 26

FIELD Permo-Penn
Undesignated

THIS DRAWING AND ALL INFORMATION THEREON IS THE PROPERTY OF MOBIL PRODUCING TEXAS & NEW 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.



Reserve _____ Permit Depth _____

Special Instructions _____

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Mobil Producing Texas & New Mexico Inc. Midland Division

LEASE Lovington Deep Amoco State

WELL NO. 1 & 2 DATE January 30, 19 87

LEASE NO. _____

TOTAL ACRES IN LEASE 309.85 ACRES COVERED BY PLAT 309.85

DESCRIPTION West 2/3 of Section 6, T-17-S, R-36-E

6 miles SW from Lovington, N.M.

Lea County, New Mexico

DRAWN A.L.W.

DATE 10/6/86

FIELD Permo-Penn

SCALE 1"=1000'

FILE NO. 29

Undesignated