

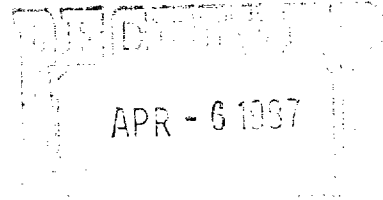
Mobil Producing Texas & New Mexico Inc.

NINE GREENWAY PLAZA-SUITE 2700
HOUSTON, TEXAS 77046

April 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



7.01 REQUEST FOR COMMINGLE AMENDMENT
ADMINISTRATIVE ORDER PLC-75
LOVINGTON DEEP STATE #1
SOUTH SHOE BAR-DEVONIAN
LOVINGTON DEEP AMOCO STATE #1
UNDESIGNATED-PENN
LEA COUNTY, NEW MEXICO

Gentlemen:

On February 12, 1987 Mobil Producing TX & N.M., Inc. received authority to commingle production for the above referenced wells. Mobil Producing TX & N.M., Inc. requests to amend administrative order PLC-75 so as to permit the commingling of production for future wells completed and producing within the following designated pools. We request your approval to commingle all production from the Lovington Deep State (LG-3362), Lovington Deep Amoco State (B-10639) and the Lovington Deep Yates State (LG-7265) leases that are completed and producing from the Undesignated-Penn and South Shoe Bar-Devonian pools. Mobil Producing TX & N.M., Inc. requests exception to Rules 303B and 309B. Please note that exception to Rule 309A has been previously approved.

All subject leases in this application have common ownership, working interest ownership and royalty ownership. All production from wells completed and producing from the Penn formation will be metered. The result of this surface commingling will not reduce the commercial value of the commingled product and the expected gravity and value of commingled liquid hydrocarbons will be the same. Current price for this West Texas crude is \$17.50 per barrel but subject to change. The latest production volumes of the liquid hydrocarbons from the Penn formation is 290 barrels of oil per day and 125 barrels of oil per day from the Devonian formation.

We fulfill the requirements outlined by the NMOCD and provide the necessary supporting documentation for this request. In support of this application we respectfully submit (see attached) oil analysis for wells presently completed, schematic diagram of the installation and plats showing the location of all wells on the leases and the pools from which each well is producing.

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 cursive script, appearing to read "Gladys M. Sullivan".

G. M. Sullivan
Authorized Agent

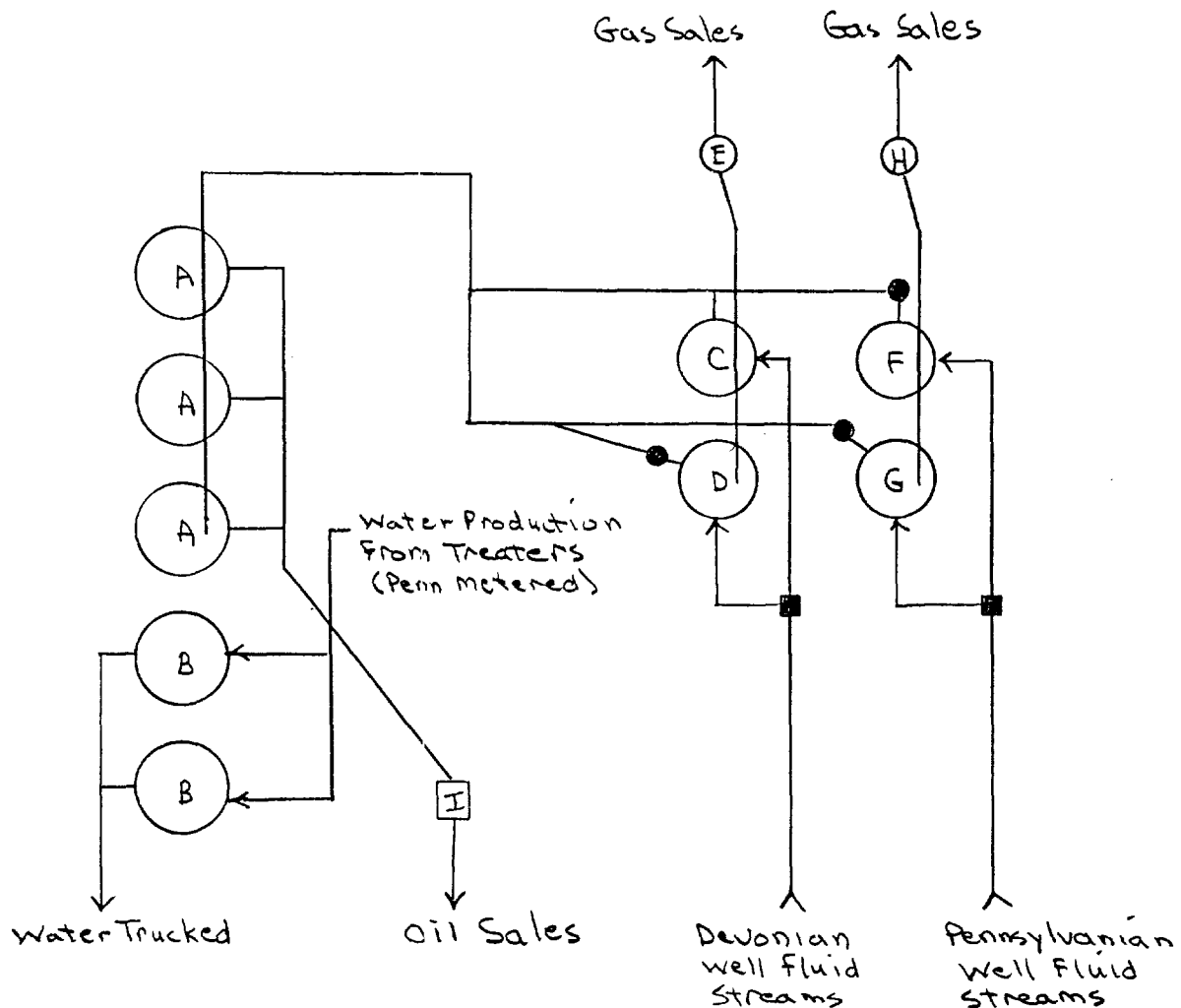
GMS

Attachments

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

FOR Lovington Deep
 LOCATION _____
 SUBJECT Central Tank Battery
(Common Facilities)

JOB OR AUTH. NO. _____
 PAGE 1/1
 DATE _____
 BY KA Carwile



- A - 500 BBL Oil Storage Tanks
- B - 500 BBL Water Storage Tanks
- C - Devonian Production Treater
- D - Proposed Devonian Test Treater
- E - Devonian Gas Scrubber
- F - Pennsylvanian Production Treater
- G - Proposed Pennsylvanian Test Treater
- H - Pennsylvanian Gas Scrubber
- I - LACT

● Fluid Rate Meters

□ Production Header

RECEIVED

MAR 25 1987

PRODUCTION
ACCTG.

**NEW-TEX
LAB**

PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: MOBIL PRODUCING TX & NM INC.; ANALYSIS NUMBER: 9619
ADDRESS: BOX 1800 DATE OF RUN 07 23 86
CITY, STATE: HOBBS, NM 88240 DATE SECURED:

SAMPLE IDENT: LOVINGTON DEEP State #1
REMARKS: API GRAVITY = 49.96 @ 60f; 0.189 TOTAL S
REMARKS: REID VP = 4.15 @ 100 f

PER CENT OVER

TEMPERATURE DEG F

INITIAL BOILING POINT

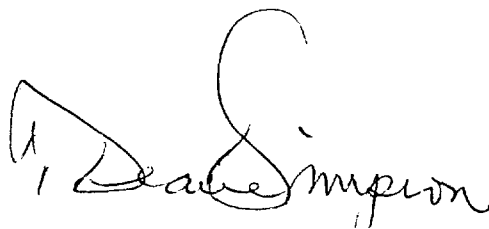
05
10
20
30
40
50
60
70
80
90
95

142
212
263
299
346
388
431
478
529
598
659
725
726

END POINT

RECOVERY 95.5 %
RESIDUE 4.5 %
LOSS 0 %

DEANE SIMPSON



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

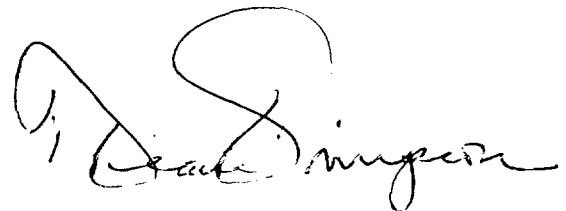
ANALYSIS CERTIFICATE

CLIENT: MOBIL OIL PROD TX & NM INC., ANALYSIS NUMBER: 1199
ADDRESS: BOX 1800 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

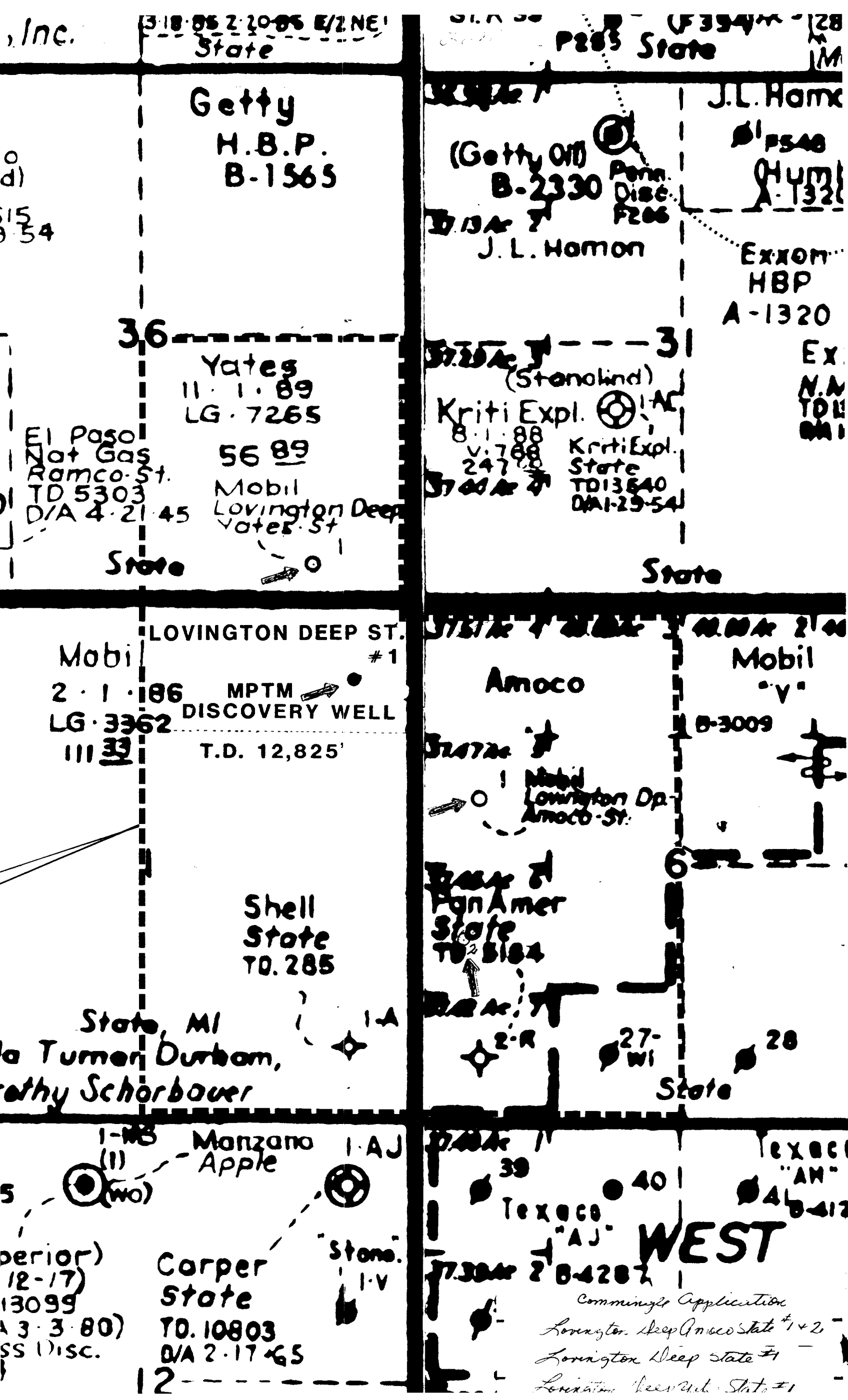
***** TOTAL SULFUR ANALYSIS *****

LOVING DEEP AMOCO STATE #1

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



PRODUCTS &
SERVICES



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Kaiser - Frances	Kaiser - Frances	Yates Pet., et al	Union
26		25	30
Kennedy & Mitchell 35	El Paso	Getty 36	31 Getty
			J. L. Hamon
Arco	Petco	Yates (Mobil)	Kriti Expl.
Exxon 2		State Mobil	1 6 Amoco

330'

990'

Reserve _____ Permit Depth _____

Special Instructions _____

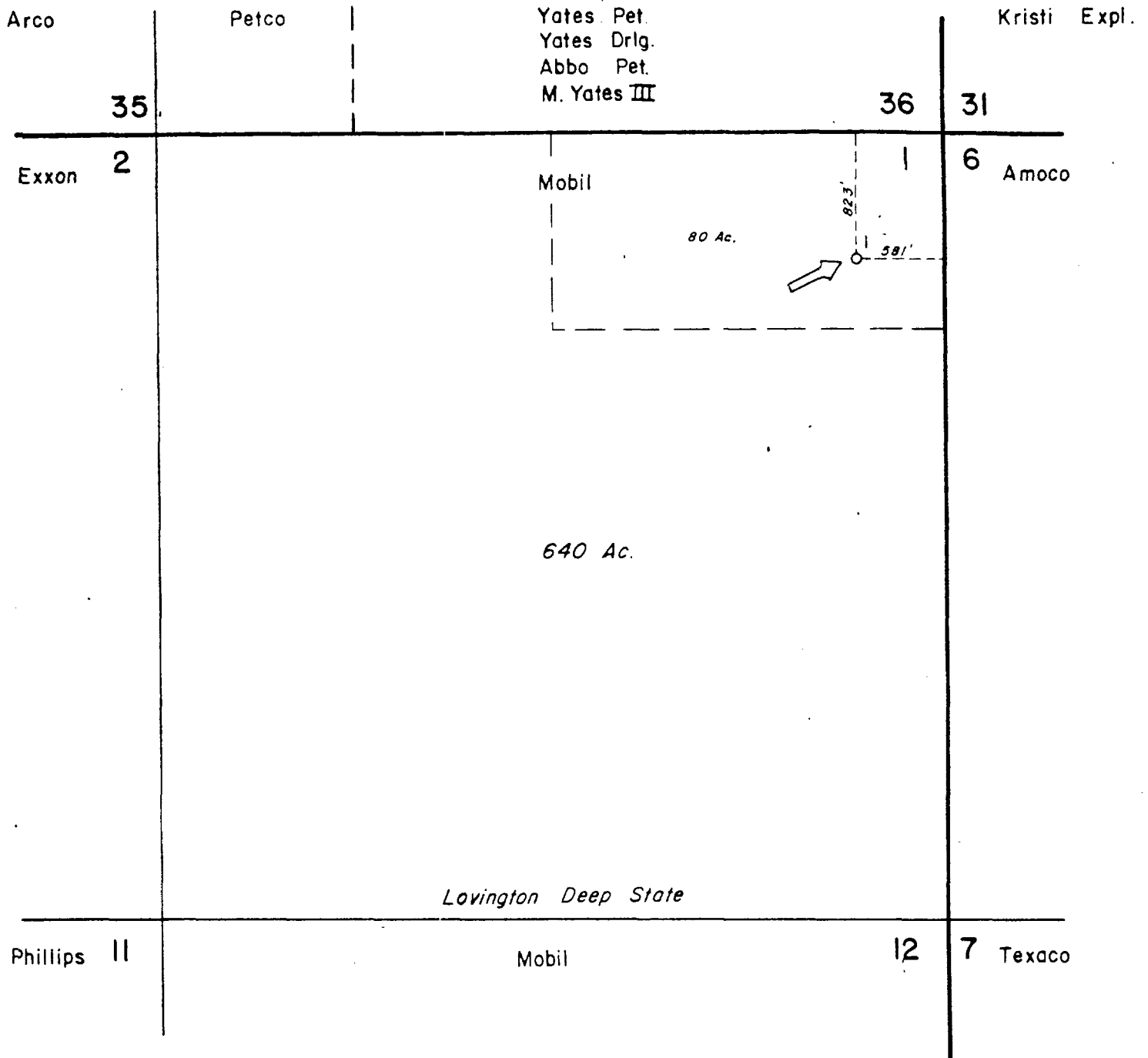
THE STATE OF TEXAS
COUNTY OF Midland

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 <u>Lovington Deep Yates State</u>		
WELL NO. <u>1</u>	DATE <u>10/7/86</u>	
LEASE NO. _____		
TOTAL ACRES IN LEASE <u>160</u> ACRES COVERED BY PLAT <u>160</u>		
DESCRIPTION <u>SE/4 of Section 36, T-16-S, R-35-E</u>		
<u>6 miles SW from Lovington, NM.</u>		
<u>Lea County, New Mexico</u>		
DRAWN <u>A.L.W.</u>	DATE <u>10/7/86</u>	FIELD <u>South Shoe Bar-Devonian</u>
SCALE <u>1"=1000'</u>	FILE NO. <u>30</u>	

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Reserve	Permit Depth
Special Instructions	

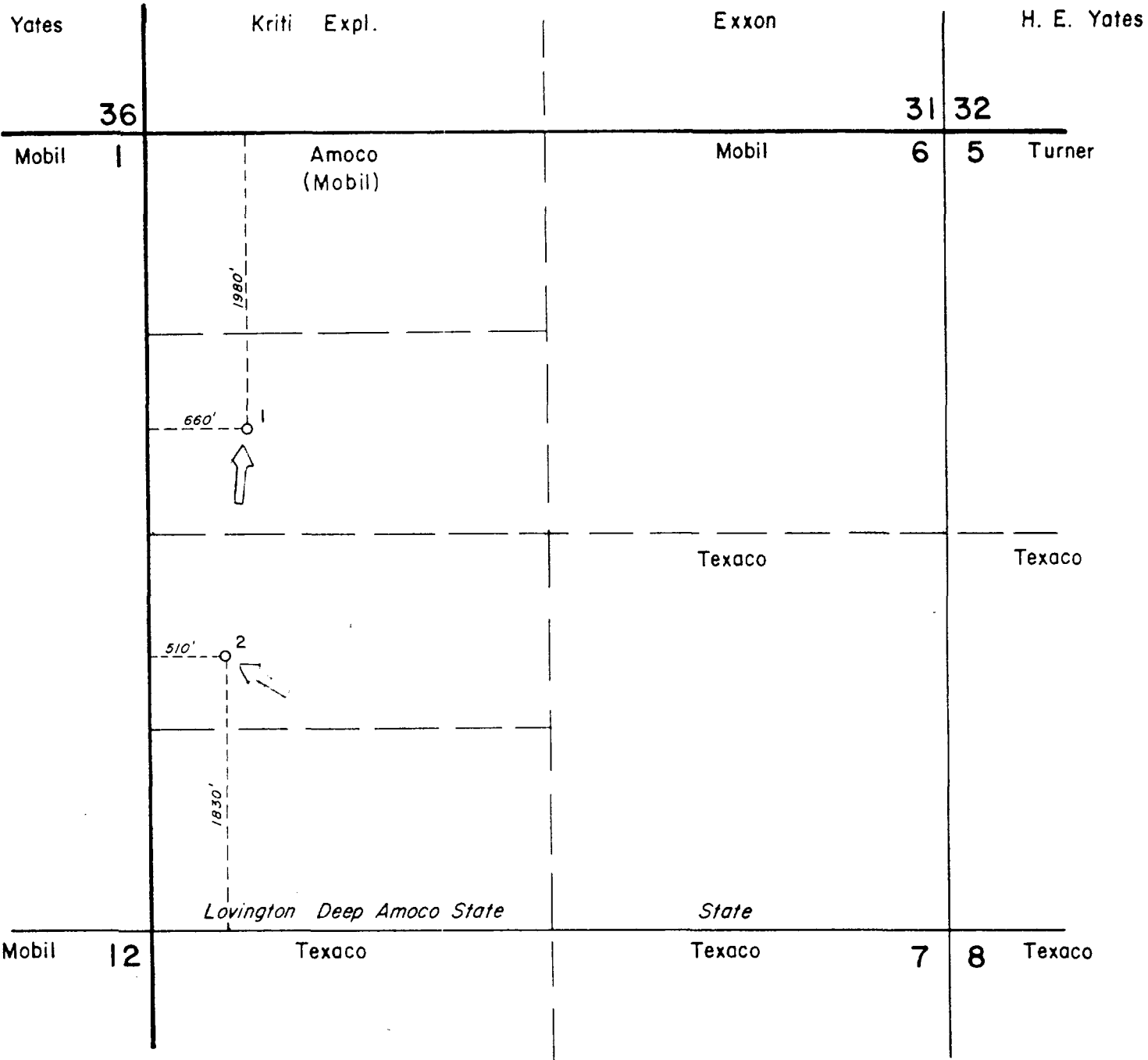
THE STATE OF TEXAS
COUNTY OF Midland

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Mobil Producing Texas & New Mexico Inc. Midland Division

LEASE <u>Lovington Deep State</u>		
WELL NO. <u>1</u>	DATE <u> </u> 19 <u> </u>	LEASE NO. <u> </u>
TOTAL ACRES IN LEASE <u>640</u> ACRES COVERED BY PLAT <u>640</u>		
DESCRIPTION <u>Section 1, T-17-S, R-35-E</u>		
<u>6 miles SW from Lovington, NM.</u>		
<u>Lee County, New Mexico</u>		
DRAWN <u>A.L.W.</u>	DATE <u>01/08/86</u>	FIELD <u>South Shoe Bar - Devonian</u>
SCALE <u>1"=1000'</u>	FILE NO. <u>26</u>	

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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 Amoco State

WELL NO. 1 & 2 DATE _____ 19____

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 Undesignated Penn

SCALE 1"=1000' FILE NO. 29