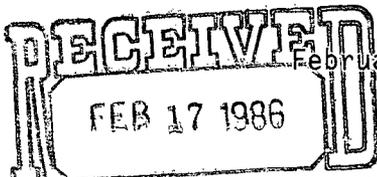


Release March 10, 1986

By DRC

Mobil Producing Texas & New Mexico Inc.

2 Wells



February 11, 1986

P.O. BOX 633
MIDLAND, TEXAS 79702

*NSL-2237
RULE-104(F)*

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

#507 - 1150 FSL & 1200 FEL - Section 26, T-17S R-34E, NMPA - 40 Acres ded. SEM SEM Sect-26
#508 - 2580 FNL & 1090 FEL -
Section 26, T-17S, R-34E
40 Acres ded. SEM SEM Sect-26
Vacuum Grayburg San Andres Pool

7.01
UNORTHODOX WELL LOCATIONS
MOBIL PRODUCING TX & NM, INC.
BRIDGES STATE, WELL NOS. 507 & 508
VACUUM (G-SA) FIELD
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Producing TX & NM, Inc. (MPTM), respectfully requests authority to drill the subject wells at an unorthodox location under the provisions of Rule 104 (F). The wells are located closer than 330 feet from the quarter-quarter line but more than 330 feet from the lease line. These wells will be completed in the Vacuum (Grayburg-San Andres) Pool, which is a secondary recovery project.

In order to develop a 20-acre spacing program, these wells are needed at these locations to improve the recovery pattern and recover hydrocarbons that might otherwise be left in place.

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. Certified plat showing all well locations and offset operators
4. Copy of letter to Offset Operators

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

State of New Mexico
Unorthodox Well Locations
Bridges State, Well Nos. 507 & 508

Page 2

Due to the above reason, we are requesting administrative approval on the unorthodox locations.

If you have any questions, please contact Jean B. Partanen at (915) 688-2244.

Yours very truly,

Handwritten signature of G. E. Tate in cursive script, with the initials "JBP" written below the signature.

G. E. Tate
Env. & Reg. Manager

JBPartanen/dwc

Attachments

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

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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-1520

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 & NM, Inc.

3. Address of Operator
Post Office Box 633, Midland, Texas 79702

4. Location of Well UNIT LETTER H LOCATED 2700 FEET FROM THE south LINE
AND 1090 FEET FROM THE east LINE OF SEC. 26 TWP. T-17-S RGE. R-34-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Bridges State

9. Well No.
508

10. Field and Pool, or Wildcat
Vacuum (G-SA)

12. County
Lea

19. Proposed Depth 5000'
19A. Formation Grayburg-San Andres
20. Rotary or C.T. Rotary

21. Elevations (Show whether DF, RT, etc.) 4017
21A. Kind & Status Plug. Bond Blanket-On File
21B. Drilling Contractor Unknown
22. Approx. Date Work will start 03/15/86

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	0 - 1700'	1 Circulate	Surface
7/8"	5-1/2"	14#	0 - 4800'	2 Circulate	Surface

- Class C + 2% CaCl₂ + 1/4 #/sx FC
- Lead - Class C + 4% gel + 25 #/sx salt + 1/4 #/sx FC
Tail - Class C + 2% CaCl₂ + 1/4 #/sx FC

BLOWOUT PREVENTOR PROGRAM

Casing String	Equipment Size & Series	No. & Type	Test Pressure (psi)
Surface	13-5/8" X 3000#	1 Pipe Ram & 1-MG	3000
Intermediate	9 - 11" X 5000#	1 Pipe Ram & 1-MG	5000

NOTE: Texaco is the only Offset Operator of all land surrounding the 40-acre proration unit.

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 PREVENTOR PROGRAM, IF ANY.

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

Signed G. E. Tate G. E. Tate Title Env. & Reg. Manager Date 2/12/86
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

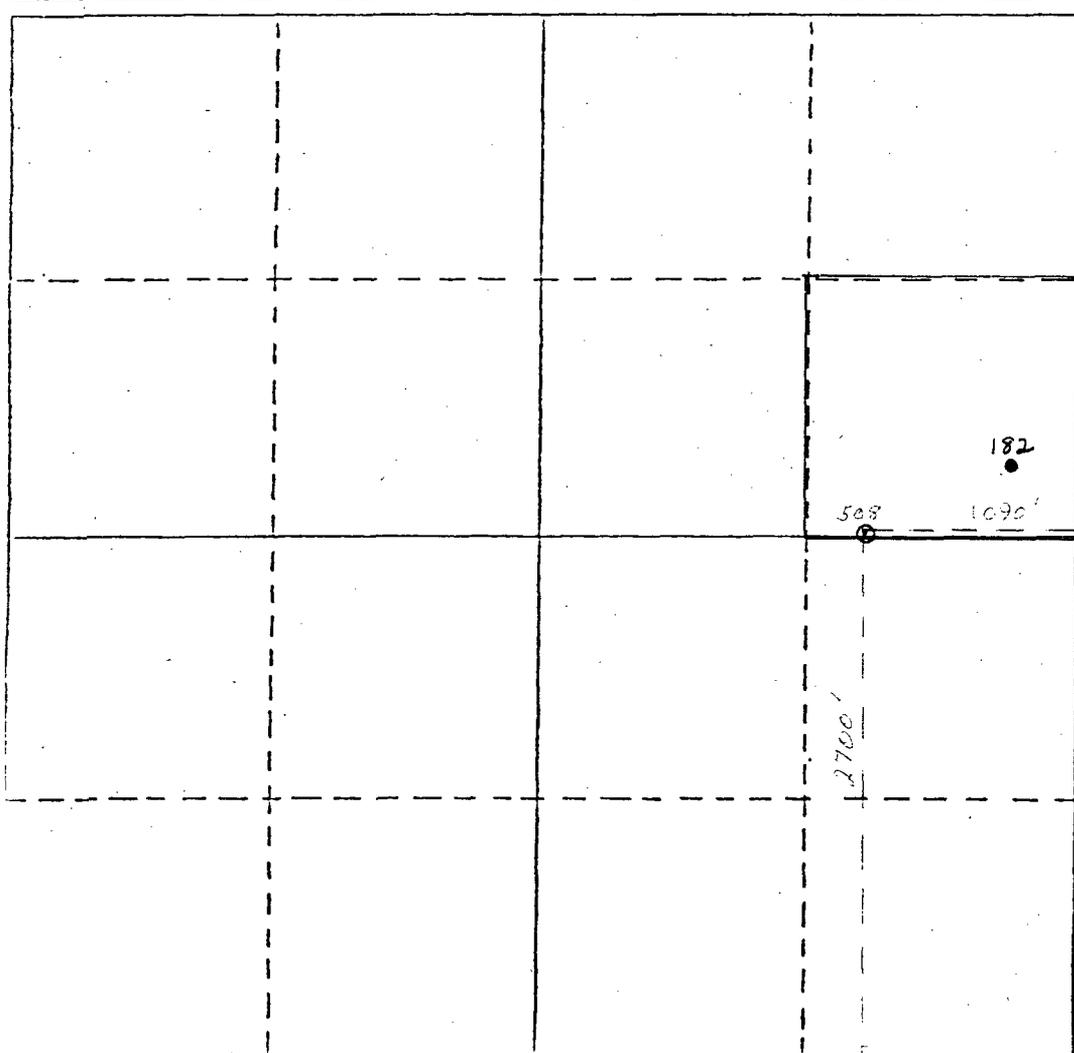
Operator Mobil Producing TX & NM, Inc.		Lease Bridges State		Well No. 508
Unit Letter H	Section 26	Township T-17-S	Range R-34-E	County Lea
Actual Footage Location of Well: 2700 feet from the south line and 1090 feet from the east line				
Ground Level Elev. 4017	Producing Formation Grayburg-San Andres	Pool Vacuum	Dedicated Acreage: 40 (2 wells) 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.

G. E. Tate
Name *G. E. Tate*

Position
Env. & Reg. Mgr.

Company
Mobil Producing TX & NM, Inc.

Date
February 11, 1986

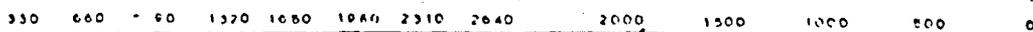
I hereby certify that the location shown on this plat was plotted from field notes of accuracy made by me or under my supervision and that the same is true to the best of my knowledge and belief.

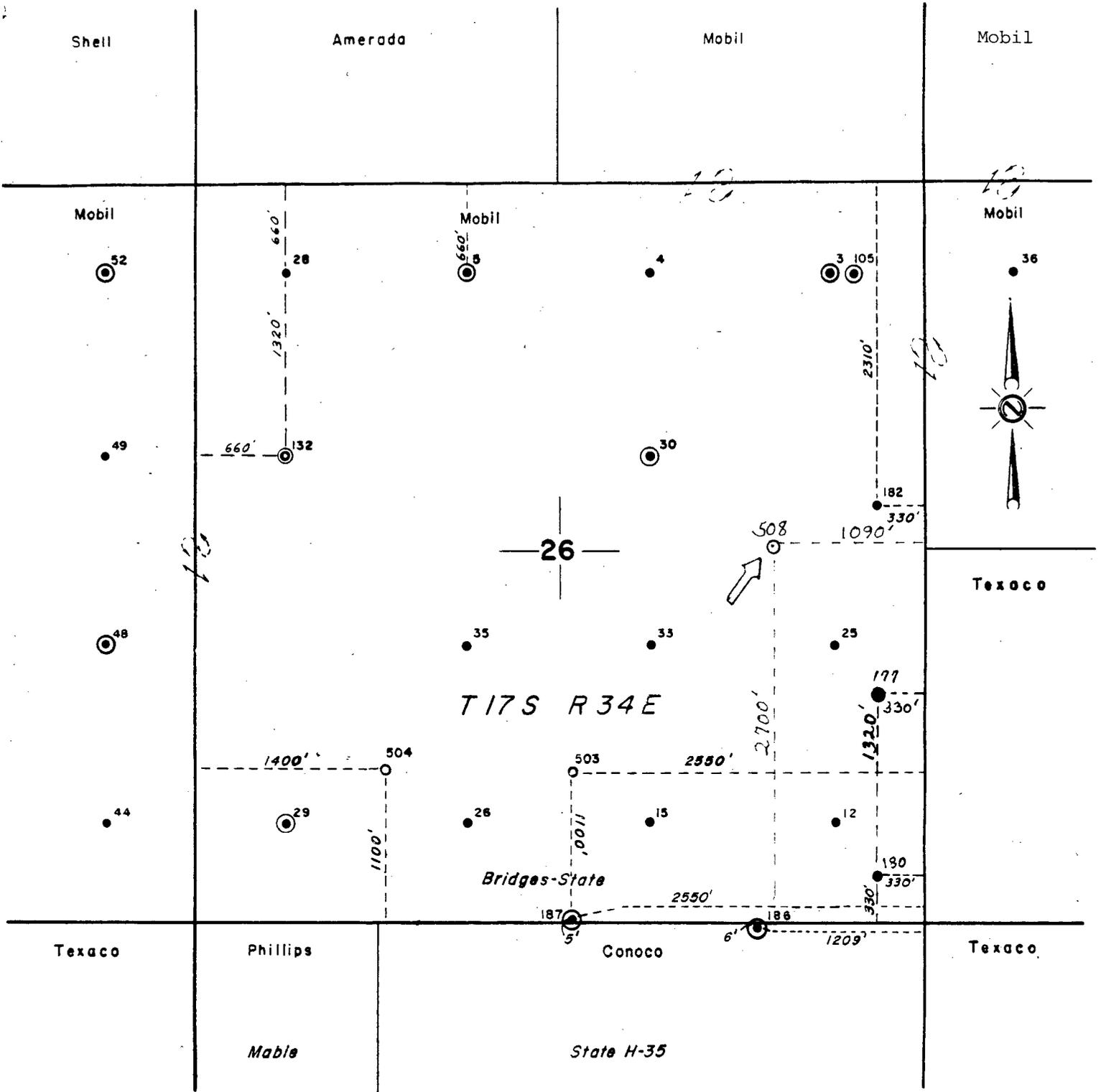
H. A. Carson Jr.
Date Surveyed *1-24-86*

Registered Professional Engineer and/or Land Surveyor

H. A. Carson Jr.
Certificate No.

5063





Reserve None Permit depth _____

Special Instructions _____

Date work is commenced _____ 19____ Supt. _____

Location approved by _____ Plat by _____ Surveyed by _____

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.

Signature: G.E. Tate
Title: Env. & Reg. Manager

Date: February 11, 1986

Mobil Producing Texas & New Mexico Inc.
Houston, Texas

LEASE Bridges-State
WELL NO. 508 DATE February 11, 1986
DIVISION _____ LEASE NO. NM 569
TOTAL ACRES IN LEASE 528.38 ACRES COVERED BY PLAT _____
DESCRIPTION Lot 2, SW NE & SE 1/4 Sec. 3, NE 1/4 Sec 10; S 1/2 Sec 11; E 1/2 & SW 1/4 Sec. 12 W 1/2 & NE 1/4 Sec 13; Sec 14, E 1/2 Sec. 15, N 1/2 & SE 1/4 Sec 23; W 1/2 NW, SE NW & SW 1/4 Sec 24, NW 1/4, N 1/2 NE & SW 1/4 NE 1/4 Sec 25, Sec 26, E 1/2 Sec 27, T 17 S R 34 E E 1/2 Sec. 25; & E 1/2 Sec 34 T 16 S R 34 E

LEA COUNTY, NEW MEXICO

DRAWN BY T. Roy DATE 12-9-89 FIELD VACUUM _____
SCALE 1" = 1000' SHEET NO. 45 (GRAYBURG-SAN ANDRES)

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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-1520

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Mobil Producing TX & NM, Inc.		8. Farm or Lease Name Bridges State
3. Address of Operator P.O. Box 633, Midland, Texas 79702		9. Well No. 507
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>1150</u> FEET FROM THE <u>south</u> LINE AND <u>1200</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>26</u> TWP. <u>T-17-S</u> R. <u>R-34-E</u> NMPM		10. Field and Pool, or Wildcat Vacuum (G-SA)
21. Elevations (Show whether DF, RT, etc.) 4009		12. County Lea
21A. Kind & Status Plug. Bond Blanket-On File	19. Proposed Depth 5000	19A. Formation Grayburg-San Andres
21B. Drilling Contractor z Unknown	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 03-15-86		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	0 - 1700'	1 Circulate	Surface
7/8"	5-1/2"	14#	0 - 4800'	2 Circulate	Surface

- Class C + 2% CaCl₂ + 1/4 #/sx FC
- Lead - Class C + 4% gel + 15 #/sx salt + 1/4 #sx FC
Tail - Class C + 2% CaCl₂ + 1/4 #/sx FC

BLOWOUT PREVENTOR PROGRAM

Casing String	Equipment Size & Series	No. & Type	Test Pressure (psi)
Surface	13-5/8" X 3000#	1 Pipe Ram & 1-MG	3000
Intermediate	9 - 11 X 5000#	1 Pipe Ram & 1-MG	5000

NOTE: Conoco and Texaco are the only Offset Operators of all land surrounding the 40-acre proration unit.

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.

Signed M. E. Tate G. E. Tate Title Env. & Reg. Manager Date 2/12/86
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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

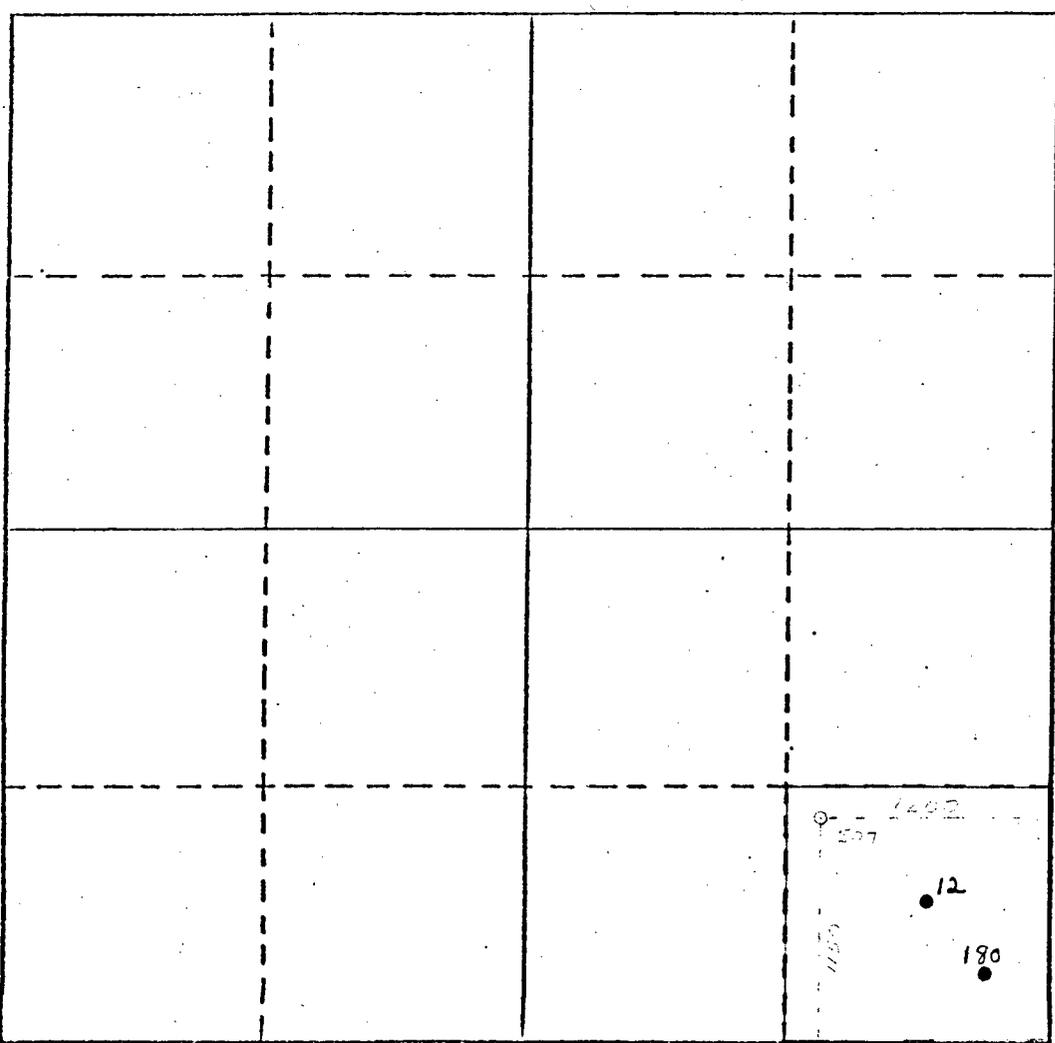
Operator Mobil Producing TX & NM, Inc.		Lease Bridges-State			Well No. 507
Unit Letter P	Section 26	Township T-17-S	Range R-34-E	County Lea	
Actual Footage Location of Well: 1150 feet from the south line and 1200 feet from the east line					
Ground Level Elev. 4009	Producing Formation Grayburg-San Andres		Pool Vacuum	Dedicated Acreage: 40 (3 wells) 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.

G. E. Tate
Name
G. E. Tate

Position
Env. & Reg. Mgr.

Company
Mobil Producing TX & NM, Inc.

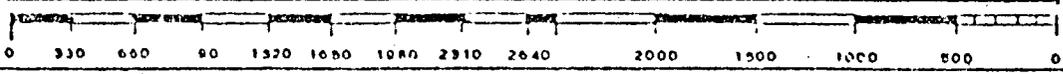
Date
February 11, 1986

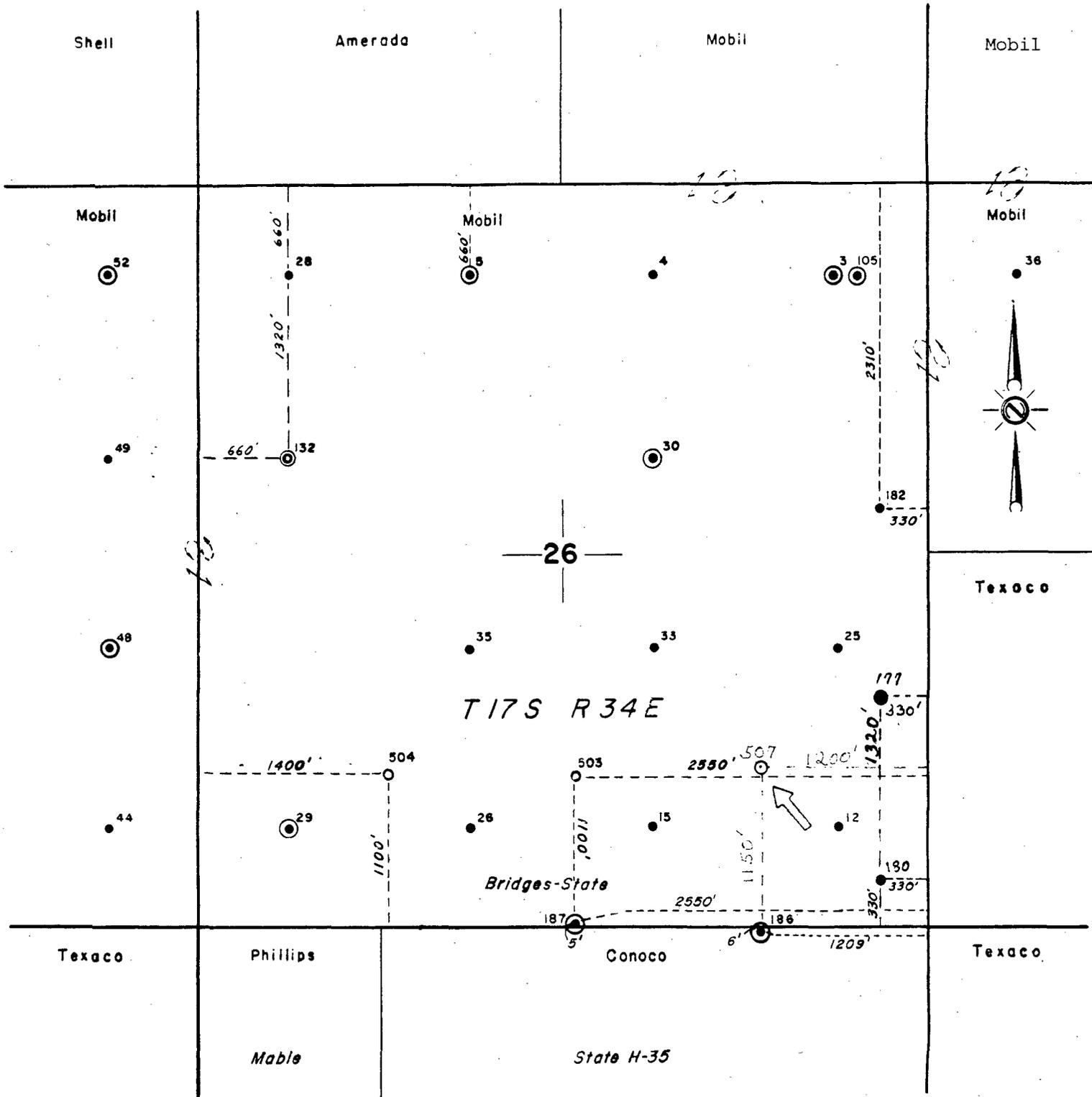
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

H. A. Carson Jr.
Date Surveyed
1-24-86

Registered Professional Engineer and/or Land Surveyor

H. A. Carson Jr.
Certificate No.
5063





Reserve None Permit depth _____

Special Instructions _____

Date work is commenced _____ 19 _____ Supt. _____

Location approved by _____ Plat by _____ Surveyed by _____

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.

Signature: J. E. Tate
Title: Env. & Reg. Manager
Date: February 11, 1986

Mobil Producing Texas & New Mexico Inc.
Houston, Texas

LEASE Bridges-State
WELL NO. 507 DATE February 11, 1986
DIVISION _____ LEASE NO. NM 569
TOTAL ACRES IN LEASE 5281.38 ACRES COVERED BY PLAT _____
DESCRIPTION Lot 2, SW 1/4 & SE 1/4 Sec. 3, NE 1/4 Sec 10; S 1/2 Sec 11; E 1/2 & SW 1/4 Sec. 12 W 1/2 & NE 1/4 Sec. 13; Sec 14, E 1/2 Sec. 15; N 1/2 & SE 1/4 Sec 23; W 1/2 NW, SE NW & SW 1/4 Sec 24, NW 1/4, N 1/2 NE & SW 1/4 NE 1/4 Sec 25, Sec 26, E 1/2 Sec 27, T17S R34E E 1/2 Sec. 25; & E 1/2 Sec 34 T16S R34E

LEA COUNTY, NEW MEXICO

DRAWN BY T. RAY DATE 12-9-69 FIELD VACUUM
SCALE 1" = 1000' SHEET NO. 45 GRAYBURG-SAN ANDRES