

Release Date
January 21, 1988

By Doc

Mobil Exploration and Producing U.S. Inc.

January 19, 1987

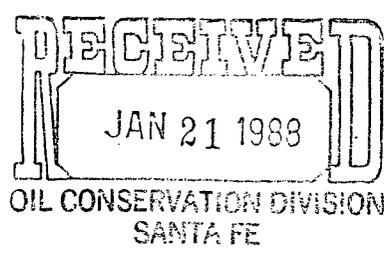
NSL- 2461
RULE #10 of
Division Order No.
R-5801

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. BOX 633
MIDLAND, TEXAS 79702

MIDLAND DIVISION

North Vacuum Abo
Pool



7.01
APPLICATION TO DRILL UNORTHODOX
AND NON-STANDARD LOCATION
NORTH VACUUM ABO EAST UNIT ~~2235E~~
WELL #23
NORTH VACUUM ABO FIELD
LEA COUNTY, NEW MEXICO

80 Acre
dedication
S/2 SW/4
Section 7

Gentlemen:

Mobil Exploration and Producing U.S. Inc, as agent for Mobil Producing Texas & New Mexico Inc. (MPTM), respectfully requests authority to drill the subject well on a non-standard unit, as an exception to Rule 2 of the North Vacuum Abo Special Field Rules, and seeks approval of the well location under rule 10 of the Special Rules of the North Vacuum Abo East Unit, as set forth in Order #R-5801. The subject well is an unorthodox location due to its being more than 200 feet from the center of the quarter-quarter section in which it is located. The well is within a non-standard unit because Section 7 is an irregular section.

Well #23 is located as follows:

1359' from the west line and 660' from the south line of Section 7, T-17-S, R-35-E, Lea County, New Mexico.

Well #14, in the SW quarter of the SW quarter of Section 7, is an uneconomical producer, which is providing inadequate drainage for a prime five spot pattern. In order to complete an efficient production and injection pattern, it is MPTM's intention to drill the subject well and, upon its successful completion, to shut-in well #14.

Under the provisions in Rule 5 of the North Vacuum Abo Special Field Rules and Rule 10 of Special Order #R-5801, the Division Director may grant the requested exceptions administratively. MPTM is the only offset operator to the proposed location and, therefore, requests that administrative approval of this application be granted.

The following items supporting this request are submitted in triplicate:

1. Copy of form C-101 - Application for Permit to Drill, Deepen or Plug Back;
2. Copy of form C-102 - Well Location & Acreage Dedication Plat;
3. Plat showing the Offset Operators and the Proposed Location, together with all Producing or Injection Wells on the Lease.

Should addition information be needed, please call Ann Moore at (915) 688-1772.

Very truly yours,



M. E. Sweeney
Environmental and Regulatory Manager

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

CAM

Attachments

cc: NMOCD - Hobbs
State Land Office - Santa Fe

NO. OF COPIES RECEIVED	
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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-1527

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name North Vacuum Abo East Unit
2. Name of Operator Mobil Producing TX. & N.M. Inc.		9. Well No. 23
3. Address of Operator c/o Mobil Exploration & Producing U.S. Inc. P. O. Box 633, Midland, Texas 79702		10. Field and Pool, or Wildcat Vacuum, North Abo
4. Location of Well UNIT LETTER N LOCATED 1359 FEET FROM THE West LINE AND 660 FEET FROM THE South LINE OF SEC. 7 TWP. 17-S RGE. 35-E NMPM		12. County Lea
21. Elevations (Show whether DF, RT, etc.) 4011 GL		19. Proposed Depth 9000'
21A. Kind & Status Plug. Bond Blanket on File		19A. Formation Abo
21B. Drilling Contractor Unknown		20. Rotary or C.T. Rotary
		22. Approx. Date Work will start Feb. 15, 1988

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½	13-3/8	48#	0-400'	400 sx.	Surface
12¼	8-5/8	28 & 32#	0-4800'	3000 sx.	Surface
7-7/8	5½	15.5 & 17#	0-9000'	1000 sx.	Surface

BLOWOUT PREVENTER PROGRAM

See Attached

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.

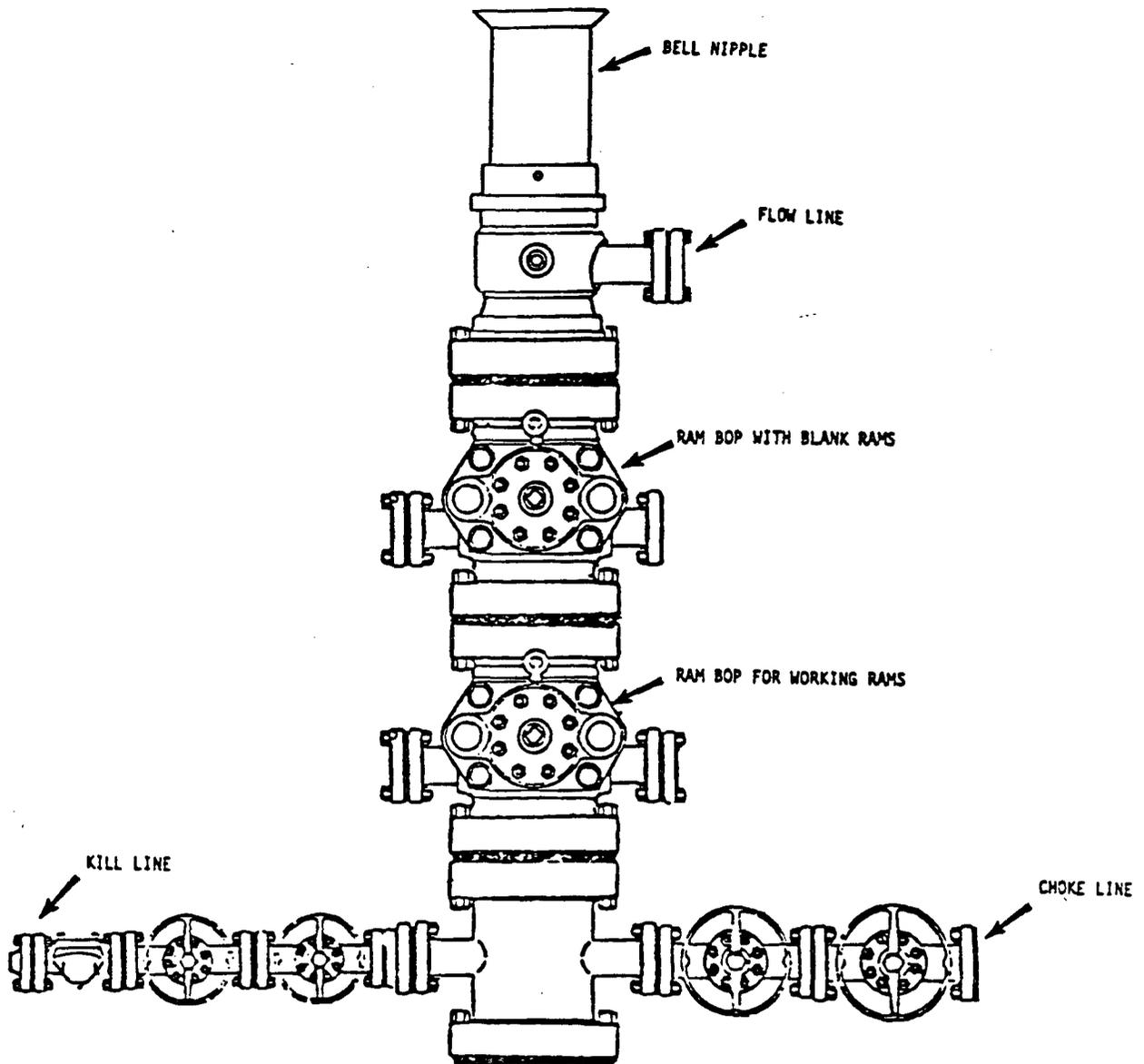
Signed M. E. Sweeney Title Manager Environmental and Regulatory Date 1-18-88

(This space for State Use)

Mobil Producing Texas & New Mexico Inc.
acting by and through its agent
Mobil Exploration & Producing U.S. Inc.

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



BOP rams will be actuated on each trip of drill pipe and will be tested before drilling the plug on each casing string.

*NOTE: ALL VALVES ARE METAL-TO-METAL SEAL AND FLANGED. ALL COMPONENTS MUST MEET ABOVE MINIMUM PRESSURE RATINGS. ALL COMPONENTS TO BE TESTED TO RATED PRESSURE AFTER ASSEMBLY AND BEFORE FURTHER DOWNHOLE OPERATIONS MAY BE CONDUCTED.

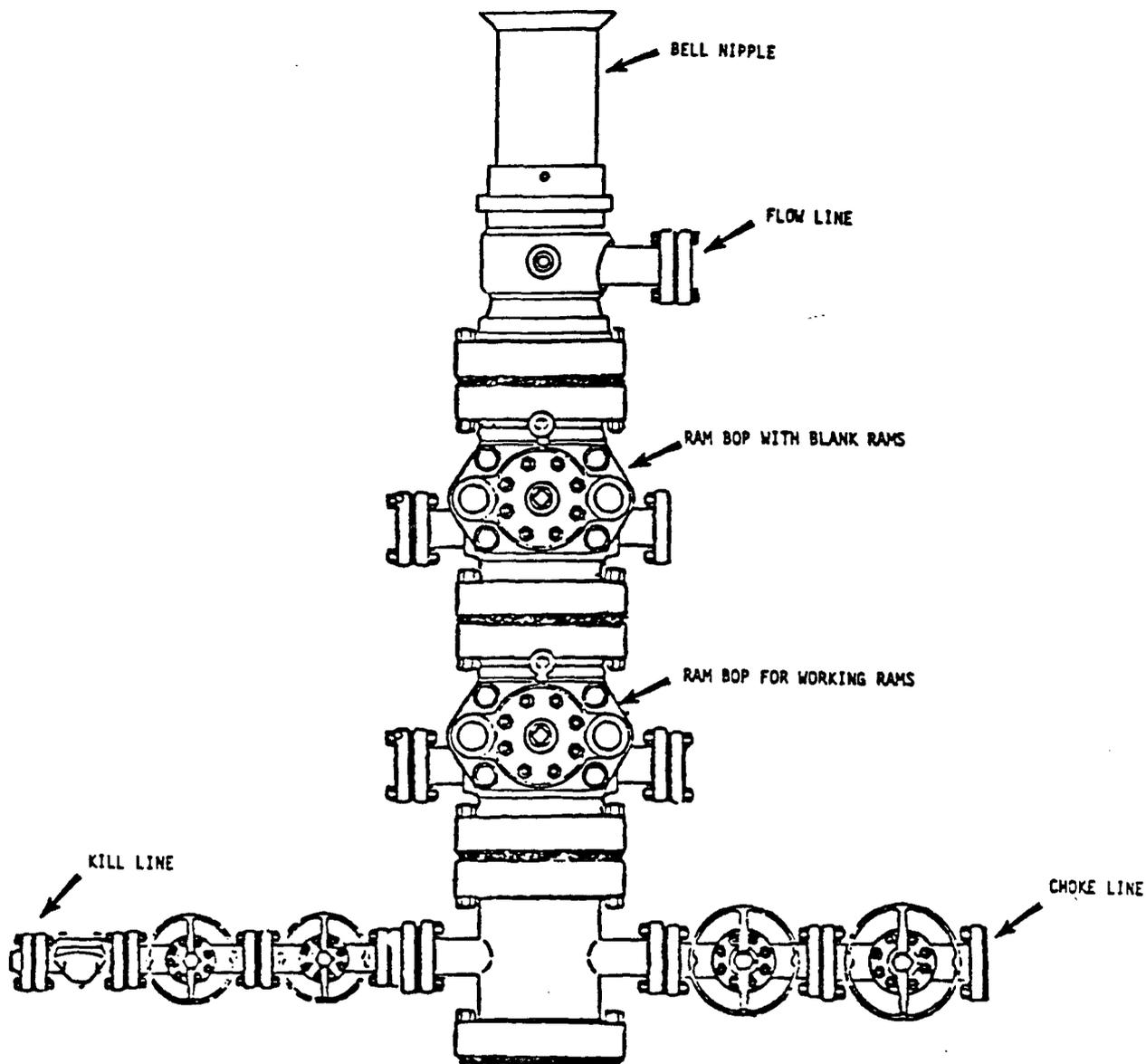
**Mobil Producing
Texas & New Mexico Inc.
Houston, Texas**

North Vacuum Abo
MOBIL NO. 23 East Unit
(LEASE)
Lea COUNTY, New Mexico STATE

BLOWOUT PREVENTER ASSEMBLY
11 IN. 5000 PSI MP*

Date

Date
Drawn
Checked
Approved
Revised



BOP rams will be actuated on each trip of drill pipe and will be tested before drilling the plug on each casing string.

*NOTE: ALL VALVES ARE METAL-TO-METAL SEAL AND FLANGED. ALL COMPONENTS MUST MEET ABOVE MINIMUM PRESSURE RATINGS. ALL COMPONENTS TO BE TESTED TO RATED PRESSURE AFTER ASSEMBLY AND BEFORE FURTHER DOWNHOLE OPERATIONS MAY BE CONDUCTED.

Mobil Producing Texas & New Mexico Inc. Houston, Texas		North Vacuum Abo East Unit (LEASE)	Date Drawn Checked Approved Revised
MOBIL NO. <u>23</u>		Lea COUNTY, <u>New Mexico</u> STATE	
BLOWOUT PREVENTER ASSEMBLY 13-5/8IN. 3000 PSI WPM			

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

**STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT**

Form C-102
Revised 10-1-78

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

Operator MOBIL EXPLORATION AND PRODUCING U.S.		Lease NORTH VACUUM ABO EAST UNIT		Well No. 23
Unit Letter N	Section 7	Township 17-S	Range 35-E	County LEA
Actual Footage Location of Well:				
feet from the _____ line and _____		feet from the _____ line		
Ground Level Elev.	Producing Formation Abo	Pool Vacuum, North	Dedicated Acreage: 2 Wells - 80 Acres	

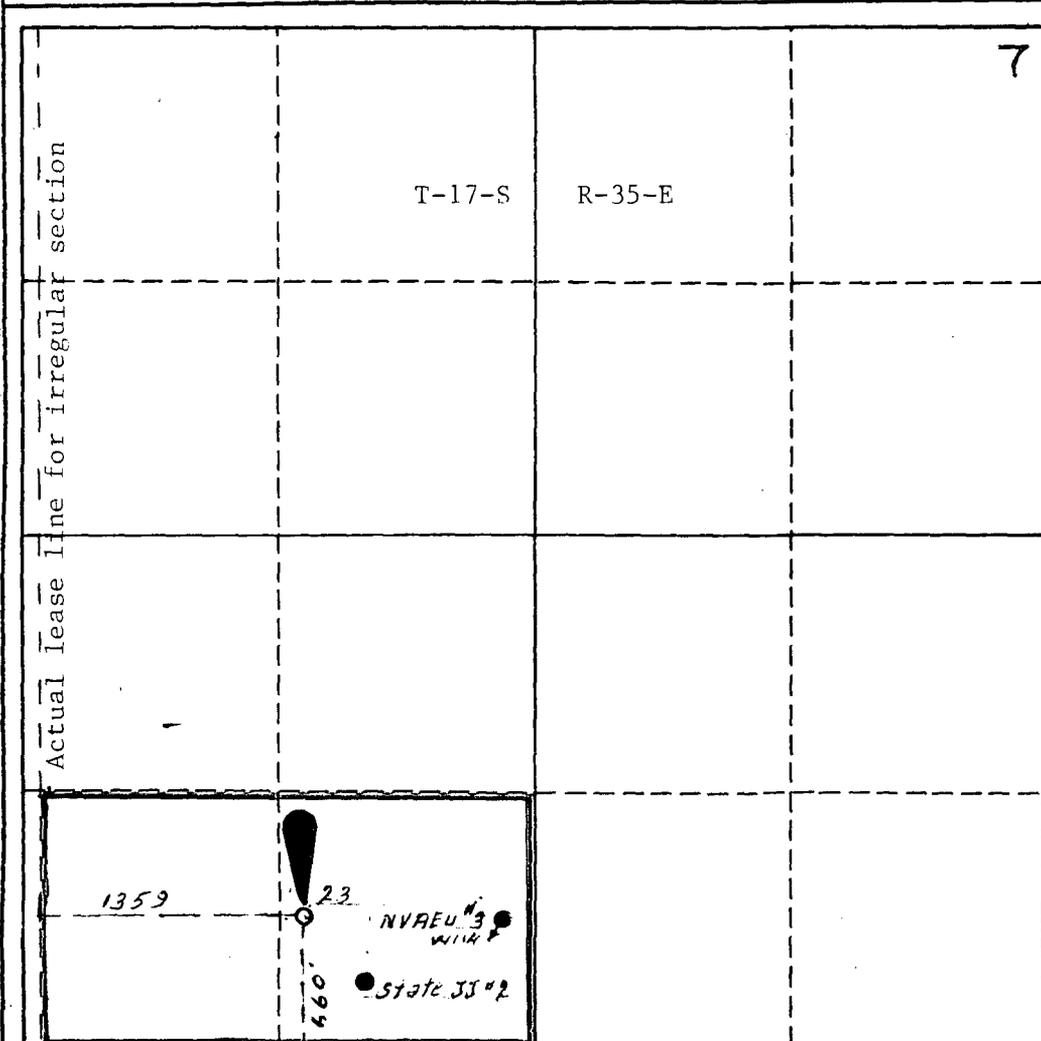
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.) _____

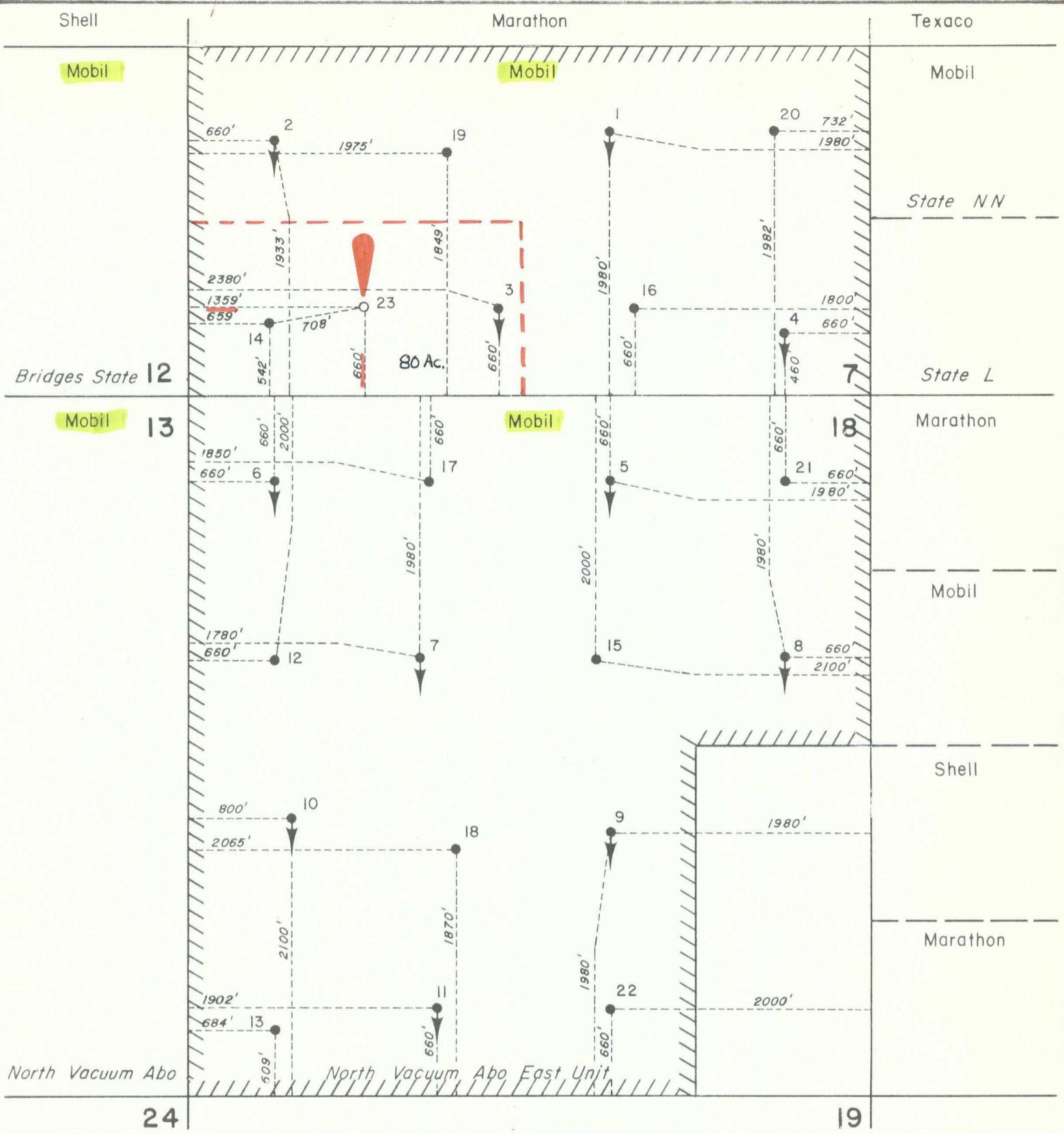
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

All wells in the quarter - quarter are operated by Mobil Producing Texas & New Mexico Inc.



CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
<i>M. E. Sweeney</i> M. E. Sweeney Name
Environmental & Regulatory Mgr. Position
Mobil Producing Tx. & N.M. Inc. Company
c/o Mobil Exploration and Producing U.S. Inc. Company
Date 1-18-88
I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.
<i>W. A. Cannon Jr.</i> Date Surveyed JANUARY 11, 1988
Registered Professional Engineer and/or Land Surveyor
<i>W. A. Cannon Jr.</i> Certificate No. 5063

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 9000'

Special Instructions Upon successful completion of well #23, well #14 will be P & A'd,

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 North Vacuum Abo East Unit

WELL NO. 23 DATE 1-19 19 87

LEASE NO. _____

TOTAL ACRES IN LEASE 865.74 ACRES COVERED BY PLAT 865.74

DESCRIPTION S 1/2 of Sec. 7 and all of Sec. 18 less the SE 1/2 of the SE quarter, T-17-S, R-35-E

3 miles North of Buckeye

Lea County, N.M.

DRAWN <u>A.L.W.</u>	DATE <u>1-15-88</u>	FIELD <u>Vacuum, North</u>
SCALE <u>1"=1000'</u>	FILE NO. <u>10</u>	<u>(Abo)</u>



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

RECEIVED
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OIL CONSERVATION DIVISION
SANTA FE

1-22-88

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 _____
- NSP _____
- SWD _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

Mobil Prod. Tx & NM Inc. n. Vacuum Abs East at #23-N 7-17-35
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed