

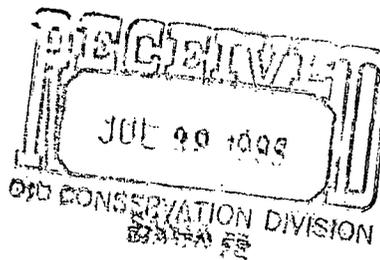
*Release Immediately  
no offset*

*BY DEC*

# Mobil Producing Texas & New Mexico Inc.

July 25, 1985

*NSL-2121  
RULE-104(F)*



P.O. BOX 633  
MIDLAND, TEXAS 79702

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

Attn: Mr. R. L. Stamets

*160 Acre dedication - NE 1/4, Section 16.*

7.01

UNORTHODOX WELL LOCATION  
MOBIL PRODUCING TX. & N.M., INC.  
LINDRITH "B" UNIT WELL #41  
WEST LINDRITH - GALLUP/DAKOTA *Pool*  
RIO ARRIBA COUNTY, New Mexico

*1105 FAL & 660 FEL Section 16,  
Township 24 North, Range 3 West.*

Gentlemen:

Mobil Producing Tx. & N.M., Inc., respectfully requests authority to drill the subject well at an unorthodox location under the provisions of Rule 104 (F). This well is closer than 330 feet from the quarter-quarter line, but more than 330 from the lease line.

The first location selected for this well required a four month and \$40,000 archeological dig, and the second choice location was not acceptable to the surface owner. This unorthodox location is, therefore, a third compromise location. Mobil Producing Tx. & N.M., Inc. owns all offset proration units.

In support of this request, the following items are submitted in triplicate:

1. Form C-101- Application for Permit to Drill, Deepen or Plug Back.
2. Form C-102- Well location and acreage plat.
3. Certified plat showing all well locations and offset operators.

Oil Conservation Division  
Unorthodox Well Location  
Lindrith "B" Unit Well #41  
July 25, 1985  
Page-2-

A copy of this letter and the original documents are being sent to the BLM, as this location is on Federal lands.

Yours truly,

*C. A. Stone*

C. A. Stone  
Regulatory Technician

CAS/mcs  
Attachments

cc: NM Oil Conservation Division -  
Aztec District Office  
Bureau of Land Management

*Received District  
Approval via E. B.  
8-11-85*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 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, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 1105' FNL; and 660' FEL of Sec. 16  
 At proposed prod. zone: Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 6 miles west of Lindrith, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 4620'

16. NO. OF ACRES IN LEASE 2560

17. NO. OF ACRES ASSIGNED TO THIS WELL 160 - 2 Wells

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1360

19. PROPOSED DEPTH 7750

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6920' GL

22. APPROX. DATE WORK WILL START\* ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36 H40	0-400	1. 240 Cu. ft. circ. to surface
8-3/4	5-1/2	15.5 K55	0-7750	2. (a) 410 Cu. ft. circ. to 6000' (b) 1360 Cu. ft. circ. from DV tool at 6000' to surface.

CEMENTING PROGRAM:

- Class B + 2% CaCl<sub>2</sub>
- (a) Class B + Pacesetter lite  
(b) Class B

LOGGING PROGRAM:

- CNL-FDC-CAL-GR TD - 3300
- BHC-Sonic-CAL-GR TD - 3300
- DIL-SP-GR TD - 3300

MUD PROGRAM:

Depth	Mud Type	Mud Wt.	Viscosity	Water Loss
0-400'	FW - Spud	8.5 - 9.0	32 - 38	N/C
400'-6000'	FW	8.4 - 9.4	28 - 35	N/C
6000'-7750'	FW - Gel	8.6 - 9.4	32 - 38	+20

BLOWOUT PREVENTOR PROGRAM - see attachment sent with previous application

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED C.G. Stone for G.E. Tate TITLE Env. & Reg. Mgr. DATE 7-25-85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

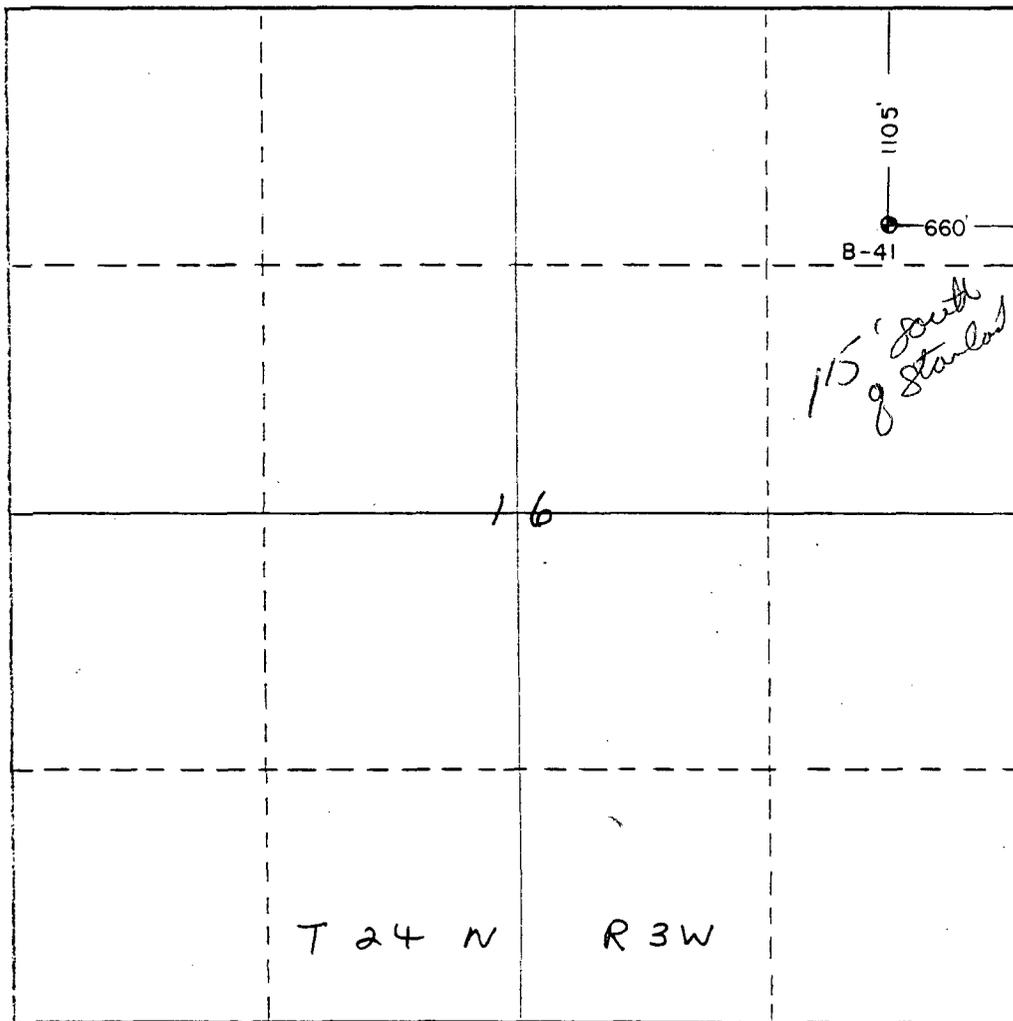
Operator <b>MOBIL PRODUCING TEXAS &amp; N.M.</b>		Lease		Well No. <b>41</b>
Unit Letter	Section <b>16</b>	Township <b>T. 24 N.</b>	Range <b>R. 3 W.</b>	County <b>RIO ARRIBA</b>
Actual Footage Location of Well:				
<b>1105</b>	feet from the	<b>NORTH</b>	line and	<b>660</b>
				feet from the
				<b>EAST</b>
				line
Ground Level Elev. <b>6941</b>	Producing Formation <b>Dakota</b>		Pool <b>West Lindrith</b>	Dedicated Acreage: <b>160-2 wells</b> <small>Acres</small>

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?

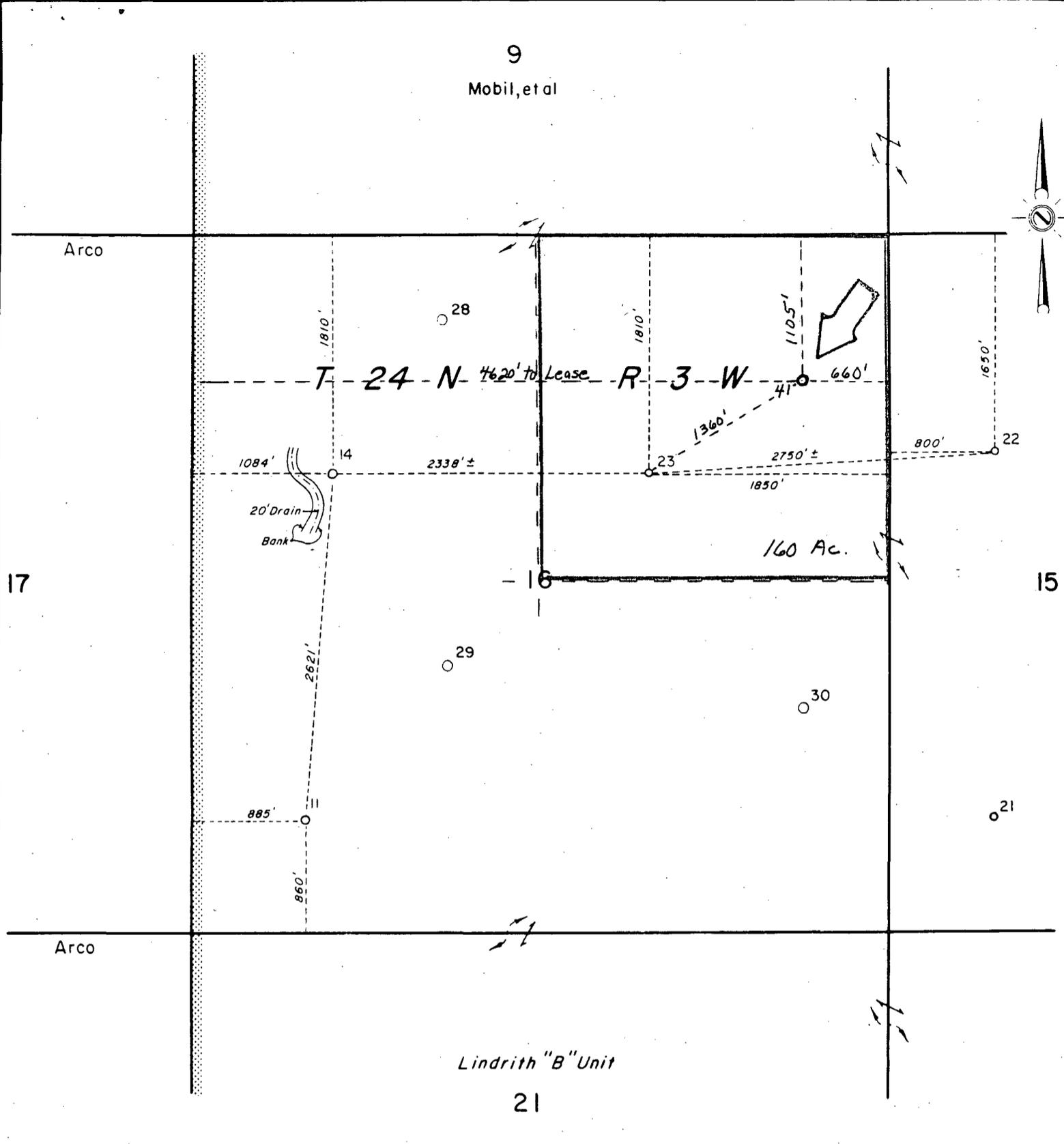
Yes     No    If answer is "yes," type of consolidation    Unitization

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 Commission.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>C. A. Stone for</i>	
Name	<b>G. E. TATE</b>
Position	<b>ENV. &amp; REG. MANAGER</b>
Company	<b>Mobil Producing TX. &amp; N.M. Inc</b>
Date	<b>July 25, 1985</b>
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	<b>JULY 19, 1985</b>
Registered Professional Engineer and/or Land Surveyor	
<i>[Signature]</i>	
Certificate No.	<b>6256</b>



Reserve \_\_\_\_\_ Permit Depth 7800'

Special Instructions The subject well is proposed for an unorthodox location. The original site required a four month and \$40,000 archeological dig and the second site was not acceptable to the surface owner. The third location above is a compromise site surrounded by Mobil owned land.

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. Stone*

"Partial Plat"

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

LEASE Lindrith "B" Unit

WELL NO. 41 DATE 7-25 1985

LEASE NO. \_\_\_\_\_

TOTAL ACRES IN LEASE 26,365.43 ACRES COVERED BY PLAT \_\_\_\_\_

DESCRIPTION Section 16, T24N-R3W of 26,365.43

Acre Unit

50 Miles SE of Farmington

RioArriba County, New Mexico

DRAWN <u>T. Ray</u>	DATE <u>5-20-80</u>	FIELD <u>West Lindrith</u>
SCALE <u>1"=1000'</u>	FILE NO. <u>20</u>	<u>(Gallup/Dakota)</u>