

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. &amp; 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

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

1360

## 19. PROPOSED DEPTH

7750

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160 2 Wells

## 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:

1. Class B + 2% CaCl<sub>2</sub>      2. (a) Class B + Pacemaker 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.

## 24.

SIGNED C.G. Stone for G.E. TateTITLE Env. & Reg. Dir.DATE 7-25-85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NSL 2121

RECEIVED  
AUG 08 1985  
OIL CON. DIV.  
DIST. 2

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-85

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

Operator <b>MOBIL PRODUCING TEXAS &amp; N.M.</b>		Lease <i>Lindrith B Unit</i>		Well No. <b>41</b>
Tract Letter <b>A</b>	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:

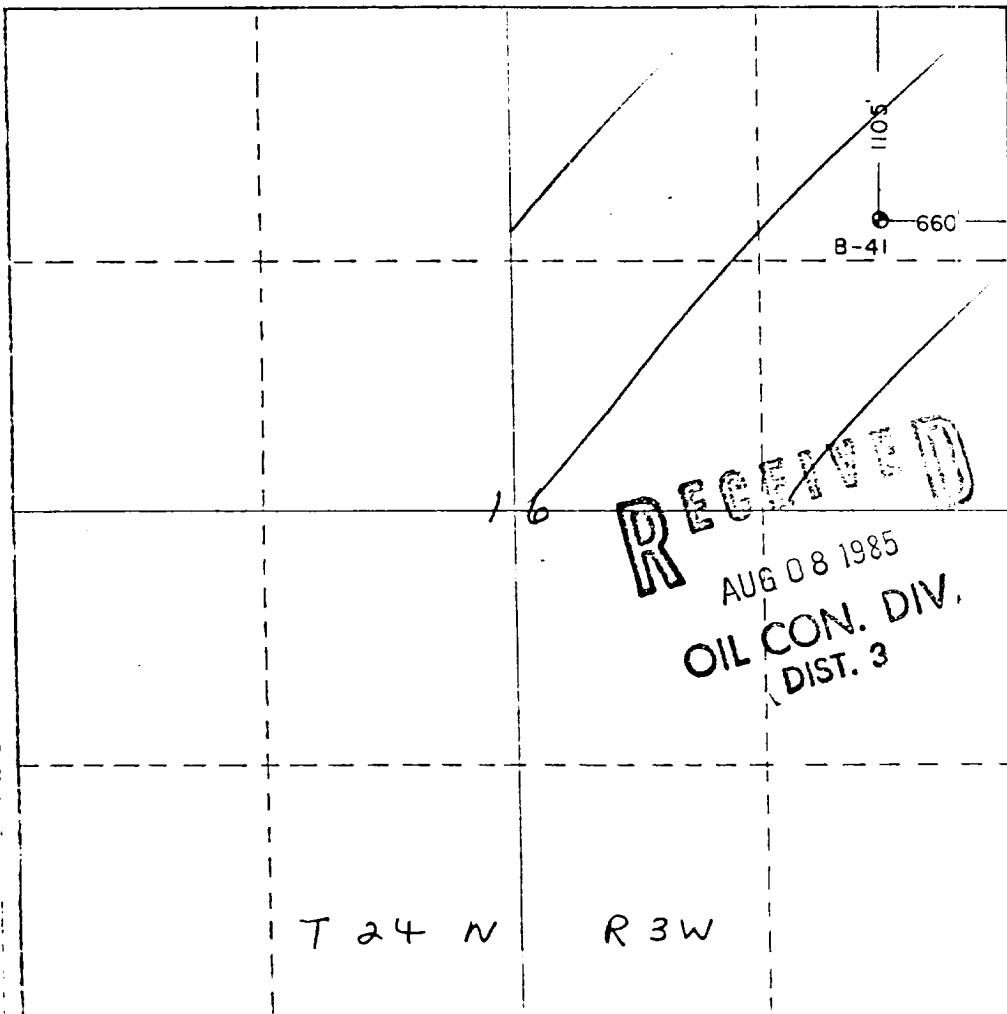
<b>1105</b>	feet from the <b>NORTH</b>	line and	<b>660</b>	feet from the <b>EAST</b>	line
Ground Level Elev. <b>6941</b>	Producing Formation <b>Dakota</b>		Pool <b>West Lindrith</b>	Dedicated Acreage: <b>160-2 wells</b>	

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.

*C.A. Stone for*  
Name  
**G. E. TATE**

Position  
**ENV. & REG. MANAGER**

Company  
**Mobil Producing TX. & N.M. Inc**

Date  
**July 25, 1985**

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  
**JULY 19, 1985**

Registered Professional Engineer and/or Land Surveyor

*[Signature]*  
Certificate No.  
**6256**

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Mobil, et al

