

RECEIVED
SUBMIT IN THE PLATE*
(Other instructions on reverse side)
DEC 16 1985Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIORBUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE MANAGEMENT AREA

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

Post Office Box 633, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

660' FNL; and 2080' FWL, Sec. 21, T-24-N, R-3-W

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)

1980'

16. NO. OF ACRES IN LEASE

26,365 Ac.

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1770'

19. PROPOSED DEPTH

7800

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160-2 wells JT w/ #5

20. ROTARY OR CABLE TOOLS

Rotary

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

7136 7020' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS".

22. APPROX. DATE WORK WILL START*

ASAP

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17-1/2"	13-3/8"	48# H40	0- 400'
12-1/4"	8-5/8"	24# K55	0-2500' }
12-1/4"	8-5/8"	32# K55	2500-3300' }
7-7/8"	5-1/2"	15.5# K55	0-7800'

- 1.472 cu.ft. circulated to surface
2.1416 cu.ft. circulated from 3300'
to surface.
3.(a)410 cu.ft. from 7800 to 6000'
where DV tool is set
(b)1360 cu.ft. circulated from
6000' to surface.

CEMENTING PROGRAM:

1. Class B with 2% CaCl₂ 2. Class B 3. (a) Class B + Pacesetter Lite
(b) Class B

MUD PROGRAM:

DEPTH	MUD TYPE	MUD WT.	VISCOSITY	WATER LOSS
0- 400	Spud Mud	8.4 - 8.8	38 - 45	N/C
400-3300'	Fresh Water	8.4 - 9.4	28 - 35	N/C
3300-7800	Fresh Water	8.4 - 9.4	28 - 30	<20 (±6000')

BLOWOUT PREVENTOR PROGRAM:

See Attachment

LOGGING PROGRAM: GR-CNL-FDC-CAL TD to 3300'
GR-Sonic TD to 3300'
GR-DLL-SP TD to 3300'

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. A. Moore for G. E. Tate TITLE Env. & Reg. Manager DATE December 11, 1985

(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

RECEIVED
APPROVAL DATE
DEC 16 1985APPROVED
AS AMENDED

DEC 18 1985

/s/ J. Stan McKee
M. MILLENBACH
AREA MANAGER

NMCC

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

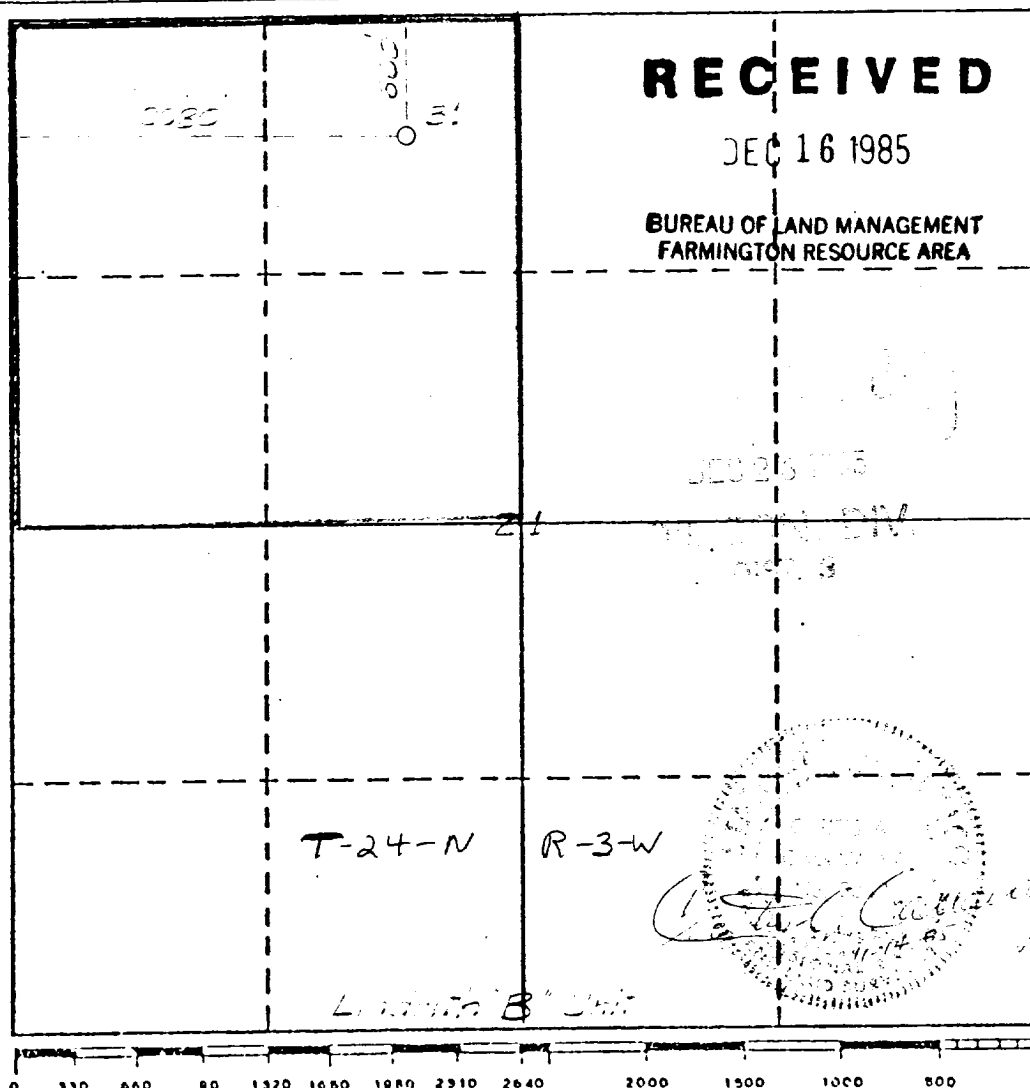
Operator Mobil Producing Tx. & N.M., Inc.		Lease Lindrith "B" Unit		Well No. 31
Unit Letter C	Section 21	Township T-24-N	Range R-3-W	County Rio Arriba
Actual Footage Location of Well: 2080 feet from the West line and 660 feet from the North line				
Ground Level Elev. 7136'	Producing Formation Dakota	Pool Lindrith, West-Gallop/Dakota	Dedicated Acreage: 160- 2 Wells	

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?

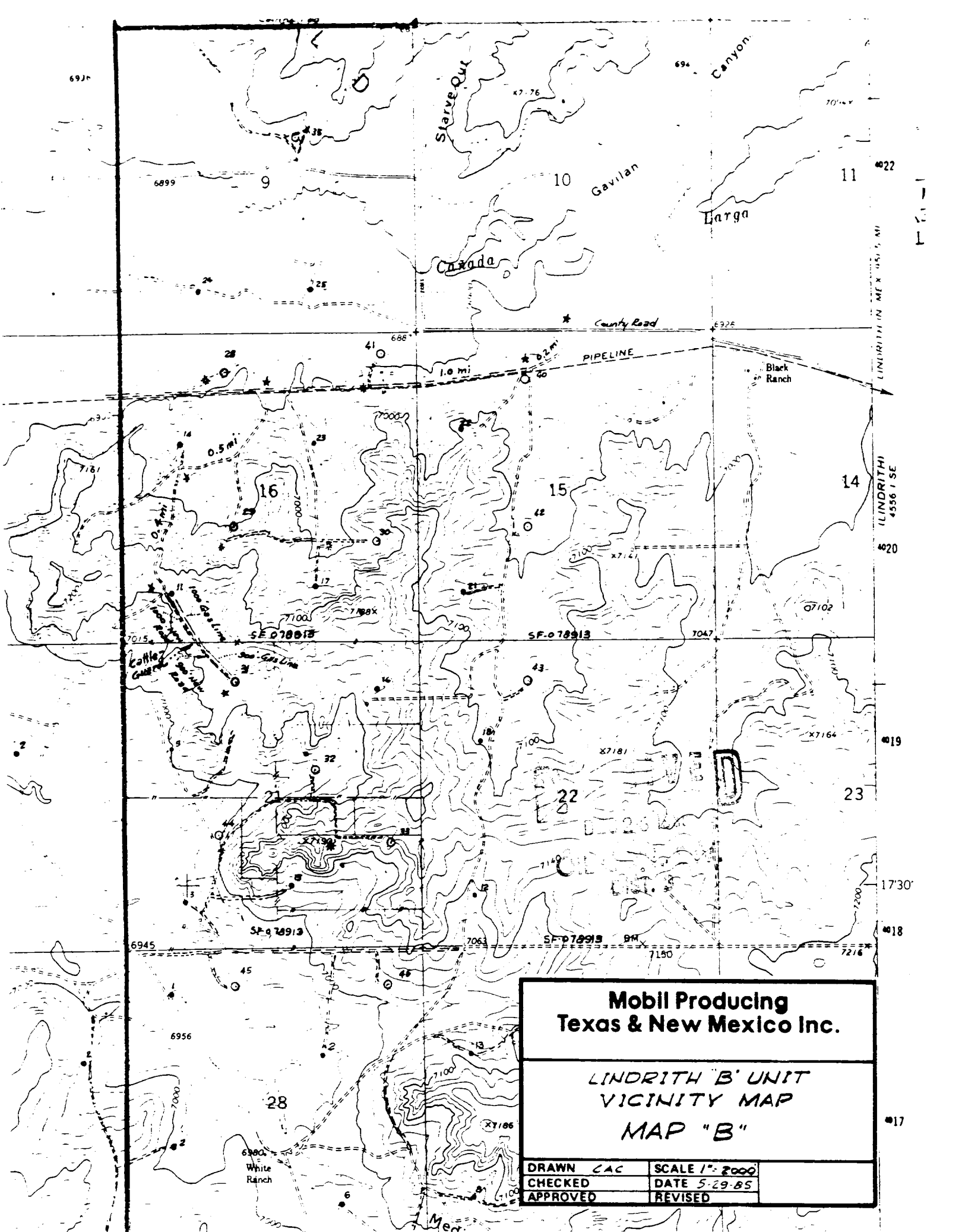
☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

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 Division.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<u>C.A. Moore</u>
Position	<u>G.E. Tate</u>
Company	<u>Env. & Reg. Manager</u>
Date	<u>December 10, 1985</u>
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	<u>12-14-85</u>
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	<u>3342</u>



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

**LINDRITH 'B' UNIT
VICINITY MAP
MAP "B"**

DRAWN	CAC	SCALE	1" = 2000'
CHECKED		DATE	5-29-85
APPROVED		REVISED	