

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
760' FNL; and 1730' FWL; Sec. 28
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 drig. unit line, if any) 1730'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1320

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5950' GL 6946
23. DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/2	9-5/8	36 # H40	0 - 400
8-3/4	5 1/2	15.5 # K55	0 - 7750

CEMENT PROGRAM

1. Class B + 2% CaCl₂

2.(a) Class B +
Pacesetter lite
(b) Class B

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 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. 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. A. Moore for G. E. Tate TITLE Env. & Reg. Manager DATE 6/17/85

(This space for Federal or State use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.

DIST. 3

*See Instructions On Reverse Side

NMIOCC

30-639-43873

5. LEASE DESIGNATION AND SERIAL NO.

SF 078914

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lindrith B Unit

8. FARM OR LEASE NAME

9. WELL NO.

45

10. FIELD AND POOL, OR WILDCAT

West Lindrith-Gallup/Dakota

11. SEC., T., R., M., OR R.R.

AND SURVEY OR AREA

Sec. 28, T-24-N, R-3-W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

16. NO. OF ACRES IN LEASE AREA

RECEIVED
SEP 20 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

NO. OF ACRES ASSIGNED
TO THIS WELL

160 - 2 wells

19. PROPOSED DEPTH

7750

20. ROTARY OR CABLE TOOL

Rotary

22. APPROX. DATE WORK WILL START*

ASAP

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

1. 240 cu.ft. circulated to surface
2.(a) 410 cu.ft. circulated to 6000'
(b) 1360 cu.ft. circulated from
DV tool at 6000' to surface

LOGGING PROGRAM:

CNL-FDC-CAL-GR TD - 3300'
BHC-SONIC-CAL-GR TD - 3300'
DIL-SP-GR TD - 3300'

APPROVED
AS AMENDED

SEP 25 1985

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER

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. If plot or plat is attached to this form, show 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.

★ U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-386

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1. TYPE OF WORK ☐ DRILL ☐ DEESEN ☐ PLUG BACK	
2. TYPE OF WELL ☐ OIL ☐ GAS ☐ OTHER	
3. NAME OF OPERATOR Mobil Producing TX. Co. Inc.	
4. ADDRESS OF OPERATOR P. O. Box 634, Midland, Texas 79701	
5. LOCATION OF WELL (1) Give location clearly and in accordance with any State requirements. At surface 760' EML: and 1730' EML: Sec. 33	
6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 8 miles west of Lindsay, TX	
7. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL OR OTHER LOCATION 1730'	8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL OR OTHER LOCATION 1730'
9. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL OR OTHER LOCATION 1730'	10. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL OR OTHER LOCATION 1730'
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21. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL OR OTHER LOCATION 1730'	22. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL OR OTHER LOCATION 1730'

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

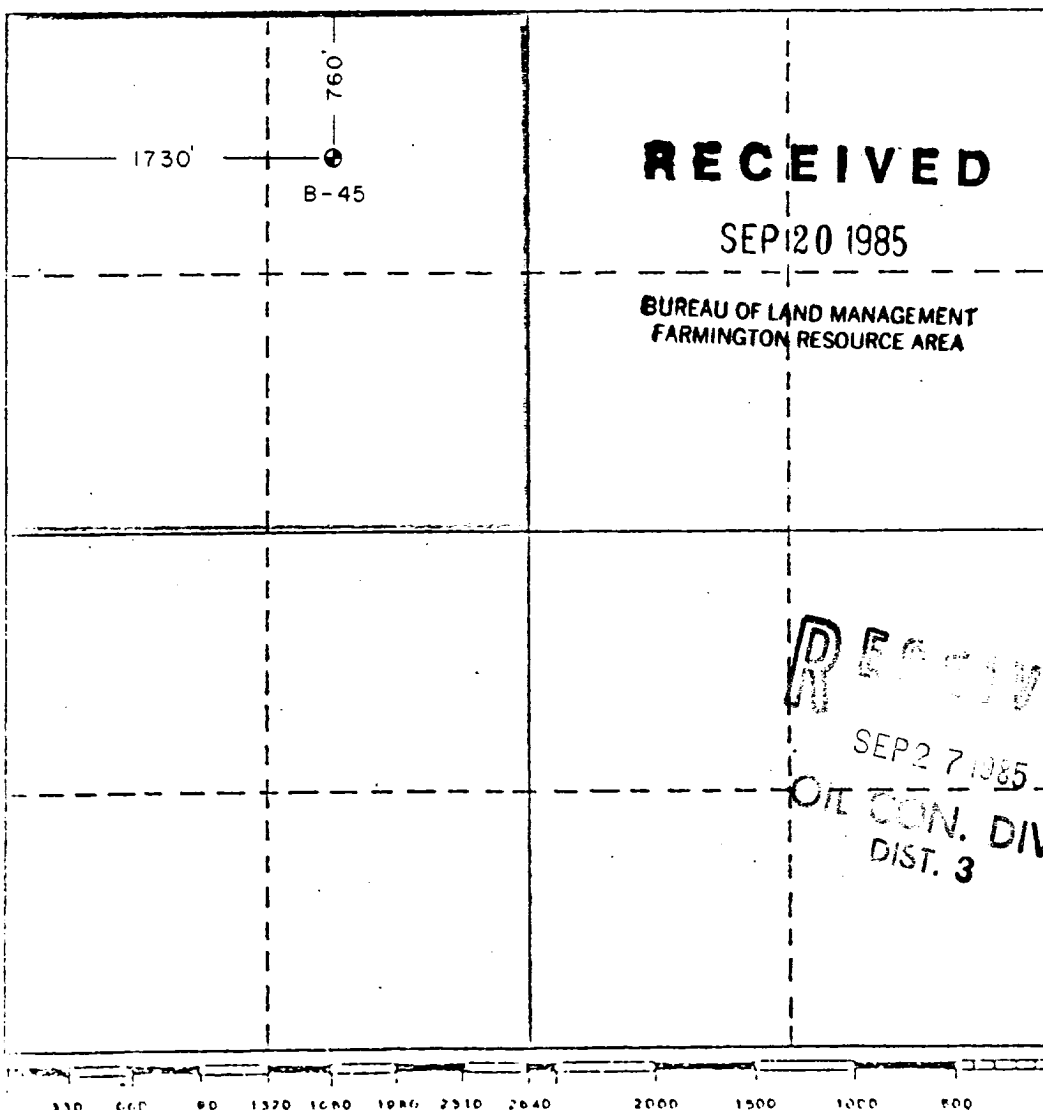
Operator Mobil Producing TX. & N.M. Inc.		Lease Lindrith B Unit		Well No. 45
Unit Letter C	Section 28	Township T24N	Range R3W	County Rio Arriba
Actual Footage Location of Well:				
760 feet from the NORTH line and		1730 feet from the WEST line		
Ground Level Elev. 6946	Producing Formation Dakota	Pool West Lindrith - Gallup/Dakota		Dedicated Acreage: 160-2 wells Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

C. A. Moore for

Name

G. E. Tate

Position

Env. & Reg. Manager

Company

Mobil Producing TX. & N.M. Inc.

Date

September 12, 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.

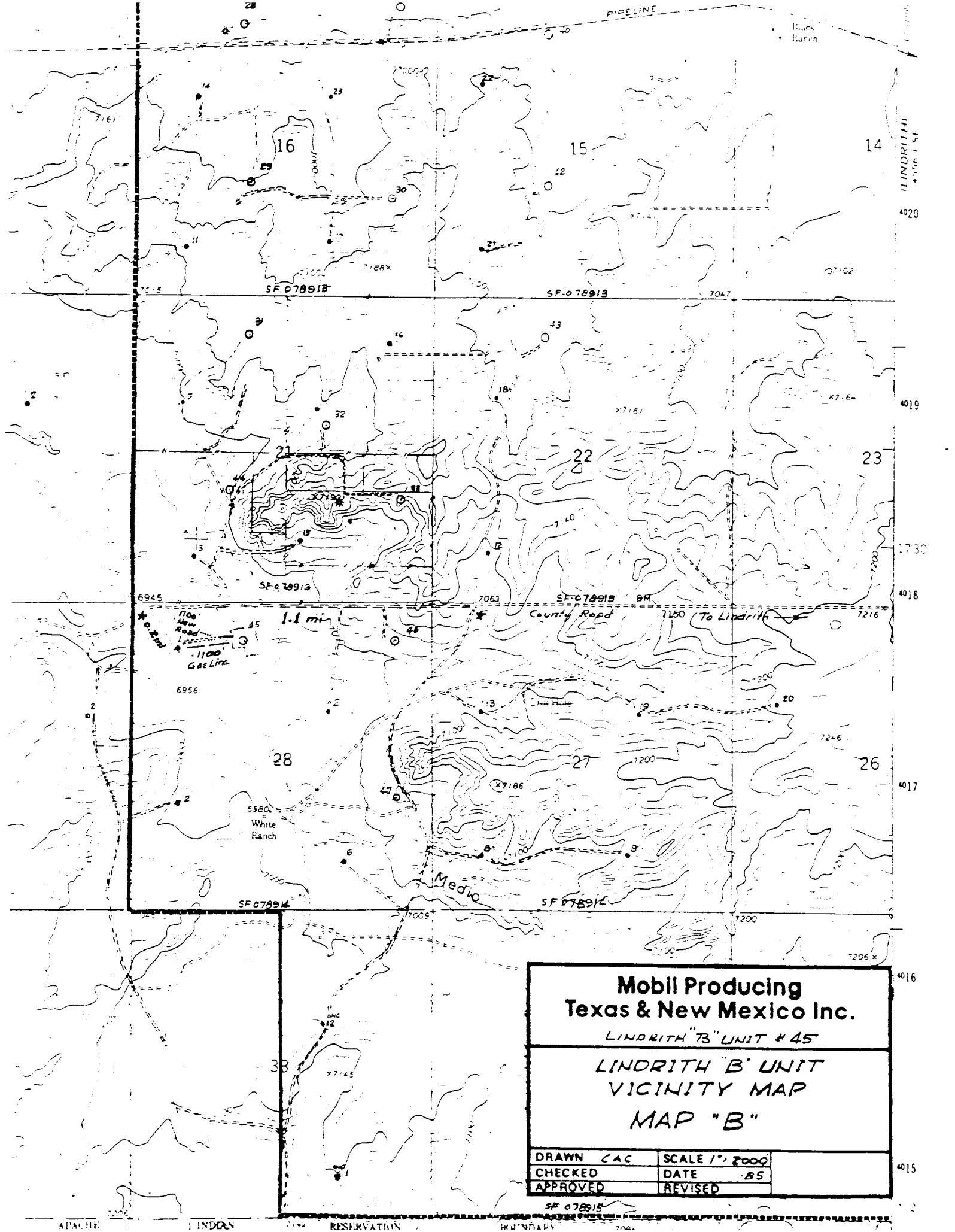
Date Surveyed

May 23, 1985

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

6256



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

LINDRITH "B" UNIT # 45

LINDRITH "B" UNIT
VICINITY MAP
MAP "B"

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