

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

1815' FSL; and 560 FEL, 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)

4720'

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.

1760

19. PROPOSED DEPTH

7800

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether drilling operations authorized are

7156' 7070' GL SUBJECT TO COMPLIANCE WITH ATTACHED

23. "GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 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 1/2"	8-5/8"	24# K55	0 - 2500
12 1/4"	8-5/8"	32# K55	2500 - 3300'
7-7/8"	5 1/2"	105/55 K55	0 - 7800'

1. Circulate to surface

2. Circulate to surface

3. Circulate to surface

CEMENTING PROGRAM:

1. Class B with 2% CaCl₂

2. Howco lite wt. & Class B

3. Howco Lite & 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 G. E. Tate G. E. Tate TITLE Env. & Reg. Manager DATE 6/11/85

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

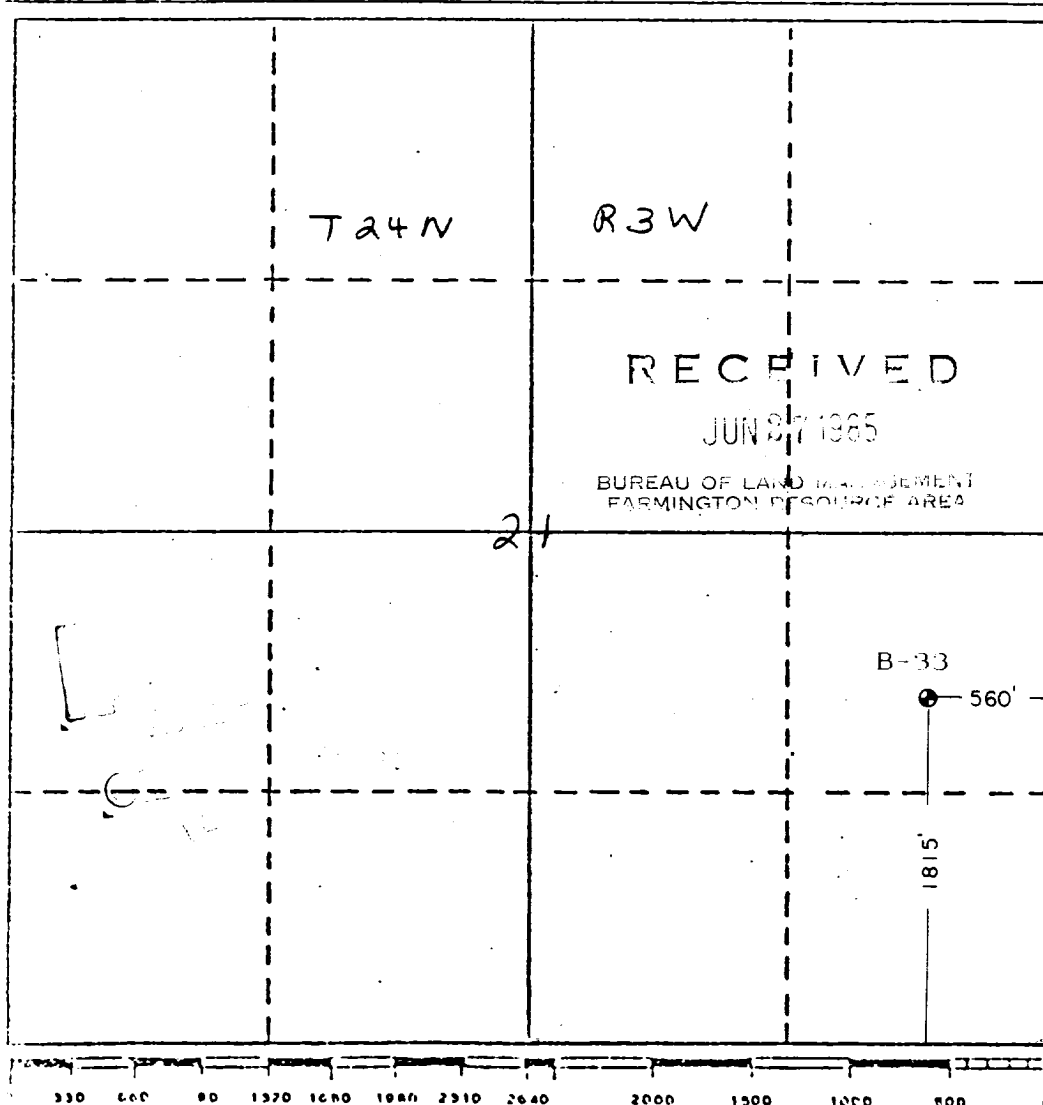
Operator Mobil Producing TX. & N.M. Inc.		Lease Lindrith B Unit		Well No. 33
Unit Letter I	Section 21	Township T24N	Range R3W	County Rio Arriba
Actual Footage Location of Well: 1815 feet from the South line and 560 feet from the East line				
Ground Level Elev. 7156	Producing Formation Dakota	Pool West 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.	
Name	G. E. Tate
Position	Env. & Reg. Manager
Company	Mobil Producing TX. & N.M. Inc.
Date	June 19, 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	<i>[Signature]</i>
Certificate No.	6256

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR

Mobil Producing TX & NM Inc.

3. ADDRESS OF OPERATOR

P. O. Box 633, Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1815' FSL; 560' FEL, Sec. 21

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Change cement program

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

RECEIVED

JUL 29 1985

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

5. LEASE

Lindrith "B" Unit

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lindrith "B" Unit

8. FARM OR LEASE NAME

9. WELL NO.

33

10. FIELD OR WILDCAT NAME

West Lindrith - Gallup/Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 21, T-24-N, R-3-W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7070' GL

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Because the State of New Mexico Oil Conservation Division will not allow the use of foam cement, we are amending our cement program to the following:

1. 472 Cu. Ft. Class B + 2% CaCl₂ circulated to surface.
2. 1416 Cu. Ft. Class B circulated from 3300' to surface.
3. (a) Stage 1 - 410 Cu. Ft. of Class B + Pacesetter lite circulated from 7750' to 6000' where DV tool is set.
(b) Stage 2 - 1360 Cu. Ft. of Class B circulated from 6000' from DV tool to surface.

Subsurface Safety Valve: Manu. and Type Set @ Set Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED C. A. Stone for G. E. Tate TITLE Env. & Reg. Mgr. DATE July 23, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.