

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

9 Greenway Plaza, Suite 2700, Houston, TX 77046

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

At surface 811' FSL & 964' FWL, Sec. 22, T24N, R3W

At proposed prod. zone

Same as Surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

50 miles Southeast from Farmington

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 811'

16. NO. OF ACRES IN LEASE

26,365.43

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2654' South to Well #13

19. PROPOSED DEPTH

8,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

7092' GR

22. APPROX. DATE WORK WILL START*

Dec. 1, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	12-3/4" *	45.51# H-40	0 - 400'	1. Circulate to surface w/300sx
11'	8-5/8" *	24# S-80	0 - 3100'	2. Circulate to surface w/900 sx
		28# S-80	3100 - 3900'	
7-7/8"	5-1/2" *	15.5# K-55	0 - 7000'	3. Circ. to Approx 3800' w/950sx
		17# K-55	7000 - 7700'	In two stages

*All casing will be new.

CEMENTING PROGRAM

1. Class B with 2% CaCl₂.

MUD PROGRAM

Depth	Type of Mud	Weight	Viscosity	ph	Water Loss
0 - 400'	Spud Mud	9.0 - 9.2	35 - 45	9+	NC
400' - TD	Fresh Water Gel	8.8	35 - 40	9+	10 cc's.

BLOWOUT PREVENTER PROGRAM

See Attachment

LOGGING PROGRAM:

Type

IES

FDL/CNL

Depth

Surf. to TD

Surf. to TD

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

TITLE

Regulatory Engineering
Coordinator II

DATE

October 17, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

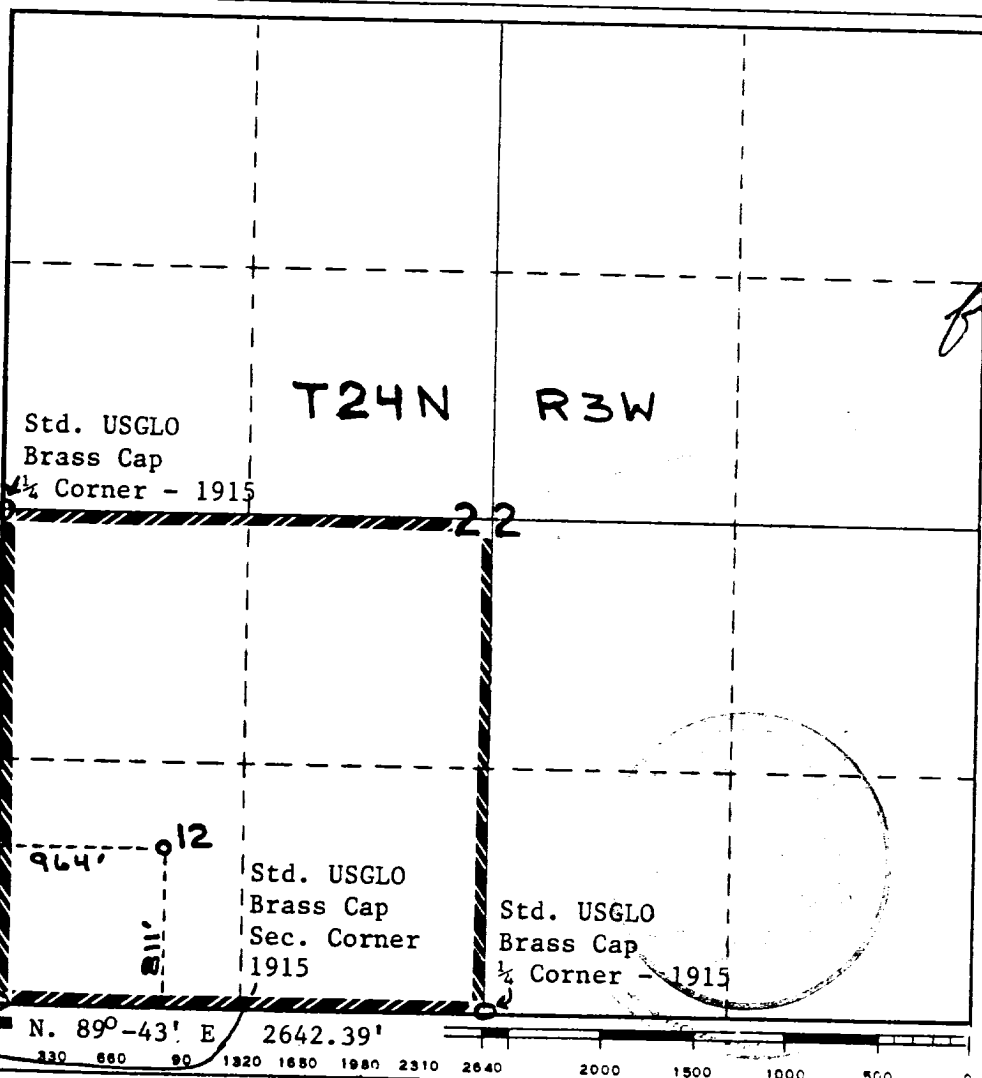
All distances must be from the outer boundaries of the Section.

Operator Mobil Producing TX. & N.M. Inc.			Lease Lindrith B Unit		Well No. 12
Unit Letter M	Section 22	Township 24N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 811 feet from the South line and 964 feet from the West line					
Ground Level Elev. 7092'	Producing Formation Dakota	Pool Chacon-Dakota Associated	Dedicated Acreage: 160 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 Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

A.D. Bond

Position

Regulatory Engineering Coordinator II

Company

Mobil Producing TX. & N.M. Inc.

Date

October 17, 1980

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

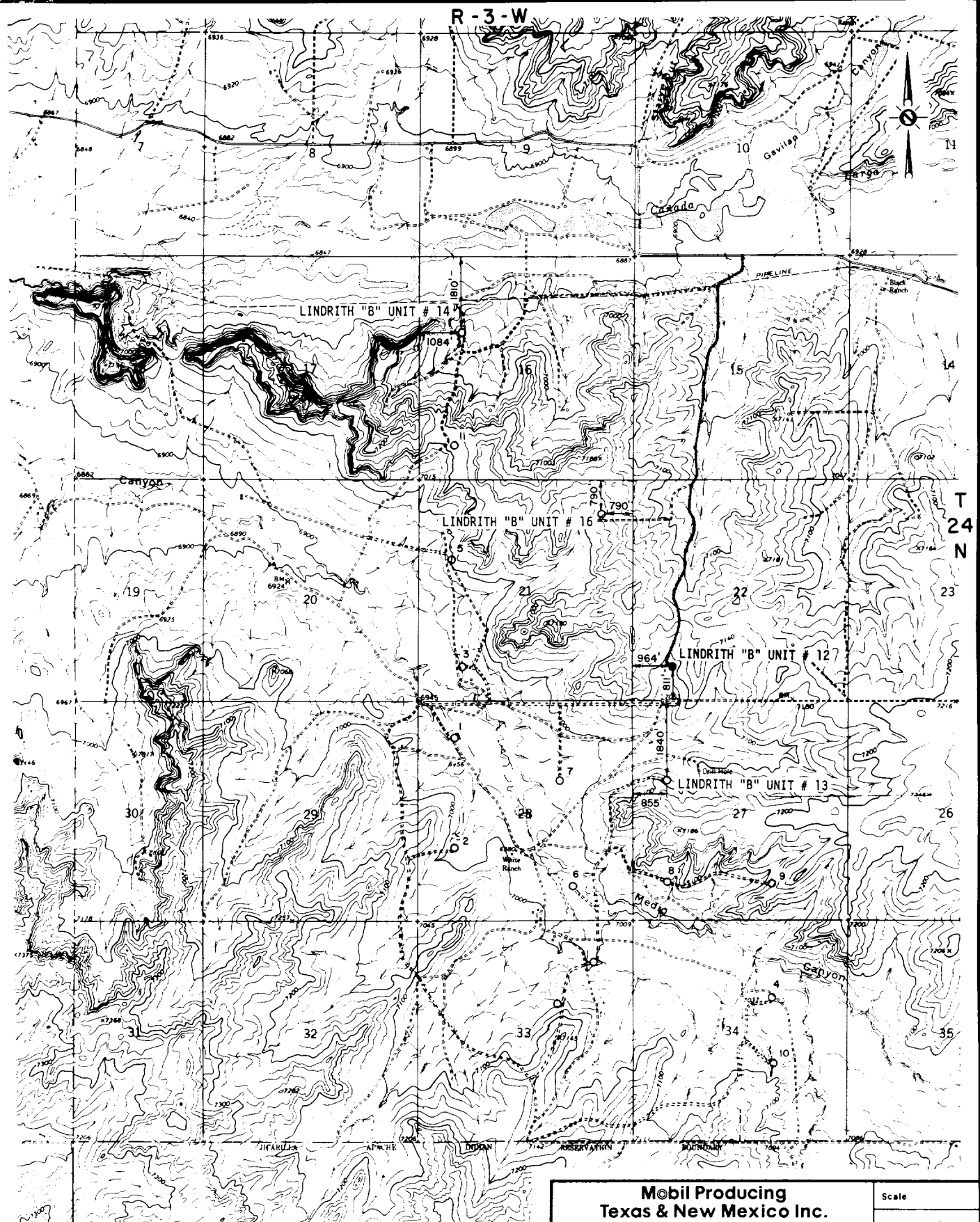
September 20, 1980

Registered Professional Engineer and/or Land Surveyor

H.A. Carson, Jr.

Certificate No.

5063



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

LINDRITH "B" UNIT
VICINITY PLAT
RIO ARRIBA CO., NEW MEXICO
MAP "B"

Scale

Date 10-2-80

Drawn J.W.J.

Checked

Approved

Revised

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. & N.M. Inc.
3. ADDRESS OF OPERATOR
9 Greenway Plaza, Suite 2700, Houston, TX 77046
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 811 FSL & 964 FWL
AT TOP PROD. INTERVAL: Same as surface
AT TOTAL DEPTH: Same as surface

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

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
- FRACTURE TREATMENT ☐
- SHOOT OR ACIDIZE ☐
- REPAIR WELL ☐
- PULL OR ALTER CASING ☒
- MULTIPLE COMPLETE ☐
- CHANGE ZONES ☐
- ABANDON* ☐
- (other) ☐

SUBSEQUENT REPORT OF:

- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐

5. LEASE
Santa Fe 078913
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Lindrith B Unit
8. FARM OR LEASE NAME
9. WELL NO.
12
10. FIELD OR WILDCAT NAME
Chacon-Dakota Associated
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T24N, R3W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7092 GR

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

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.)*

Mobil Producing TX. & N.M. Inc. requests permission to run 13-3/8" 48# H-40 casing in lieu of the 12-3/4" H-40 45.51# casing as reported on the application to drill, approved November 5, 1980.

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

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

SIGNED [Signature] TITLE Authorized Agent DATE 1-20-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

APPROVED
JAN 27 1981
Bureau of Land Management
DISTRICT ENGINEER

*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

1. oil ☒ gas ☐ other

Mobil Producing TX. & N.M. Inc.

9 Greenway Plaza, Suite 2700, Houston, TX 77046

AT SURFACE: 811 FSL & 964 FWL

AT TOP PROD. INTERVAL: Same as surface

AT TOTAL DEPTH: Same as surface

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) Spud. set 13-3/8" csg.

SUBSEQUENT REPORT OF:

5. LEASE

Santa Fe 078913

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lindrith B Unit

8. FARM OR LEASE NAME

9. WELL NO.

12

10. FIELD OR WILDCAT NAME

Chacon-Dakota Associated

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

Sec. 22, T24N, R3W

12. COUNTY OR PARISH | 13. STATE

Rio Arriba

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7092 GR

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

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.)*

1-16-81 MIRU Cactus Drlg. Co. Spud 17-1/2" hole @ 9 AM. Ran 7 jts 13-3/8" csg (48# H-40 ST&C) to 307 cmt @ 307 w/300x B + 2% CaCl₂ + 1/4# FC cmt circ. PD @ 10 PM. Test to 600/OK cont. drlg 11" hole.

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

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

SIGNED *[Signature]* TITLE Authorized Agent DATE 1-20-81

(This space for Federal or State office use)

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

***See Instructions on Reverse Side**

9-333
1973

Form Approved
Budget Bureau No. 42-R1424

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. & N.M. Inc.

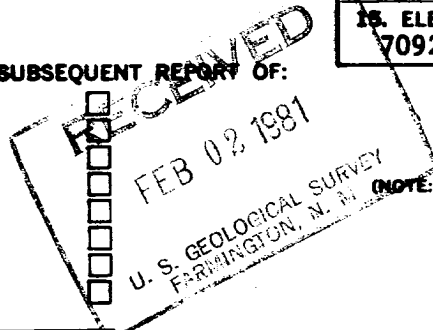
3. ADDRESS OF OPERATOR
9 Greenway Plaza, Suite 2700, Houston, TX 77046

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 811 FBL & 964 FWL
AT TOP PROD. INTERVAL: Same as surface
AT TOTAL DEPTH: Same as surface

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) Set 8-5/8 csg.

SUBSEQUENT REPORT OF:



5. LEASE
Santa Fe 078913

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Lindrith B Unit

8. FARM OR LEASE NAME

9. WELL NO.
12

10. FIELD OR WILDCAT NAME
Chacon-Dakota Associated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T24N, R3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7092 GR

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

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.)*

1-22 -81 Ran 8-5/8 K-55 ST&C csg to 3900 (34 jts 28#, 56 jts, 24#). Set @ 3900 w/550x Lt + 100x B cmt circ. Cont drlg 7-7/8" hole.

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

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

SIGNED [Signature] TITLE Authorized Agent DATE 1-27-81

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL OF AGENCY

FEB 04 1981

FARMINGTON DISTRICT

BY [Signature]

*See Instructions on Reverse Side



NMCCM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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 ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR

Mobil Producing TX. & N.M. Inc.

3. ADDRESS OF OPERATOR Nine Greenway Plaza
Suite 2700, Houston, Texas 770464. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17
below.)

AT SURFACE: 811 FSL & 964 FWL

AT TOP PROD. INTERVAL: Same as surface

AT TOTAL DEPTH: Same as surface

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☒
☐
☐
☐
☐
☐
☐

5. LEASE

Santa Fe 078913

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lindrith B Unit

8. FARM OR LEASE NAME

9. WELL NO.

12

10. FIELD OR WILDCAT NAME

Chacon-Dakota Associated

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

Sec. 22, T24N, R3W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7092 GR

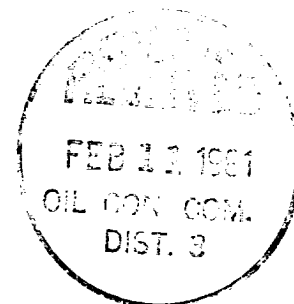
(NOTE: Report results of multiple completion or zone
change on Form 9-330.)

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.)*

2-1-81 TD of 7700 @ 12:45 PM.

2-2-81 Ran 190 jts 4-1/2 K-55 11.6 + 10.5# ST&C csg.
BJ cmt @ 7700 in 2 stages DV @ 6022
1) 150x Lt + 200x B cmt circ
2) 300x Lt + 50x B

2-3-81 Ran temp survey, TOC @ 3100. Rel rig MORT.



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

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

SIGNED John K. Green TITLE Authorized Agent DATE 2-5-81

(This space for Federal or State office use)

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

NMOCC

*See Instructions on Reverse Side