

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  
WELL ☒MULTIPLE  
WELL ☐

## 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 or Federal law.)

660' FNL, and 1880' FWL, Sec. 16, T-24-N, R-3-W

At surface

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)

1880'

## 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

7750

## 20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether ~~DRILL~~ GR, etc.)

6869' 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
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"	105# K55	0-7750'

QUANTITY OF CEMENT
1. Circulate to surface
2. Circulate to surface
3. Circulate to surface

## CEMENTING PROGRAM:

1. Class B with 2% CaCl<sub>2</sub>

2. Howco lite wt. &amp; Class B

3. Howco Lite &amp; 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
3300-7750'	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. Stone for G. E. Tate TITLE Env. & Reg. Manager DATE 6/11/85

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
AUG 15 1985APPROVED  
AS AMENDED

DATE

AUG 12 1985

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

NMOC

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

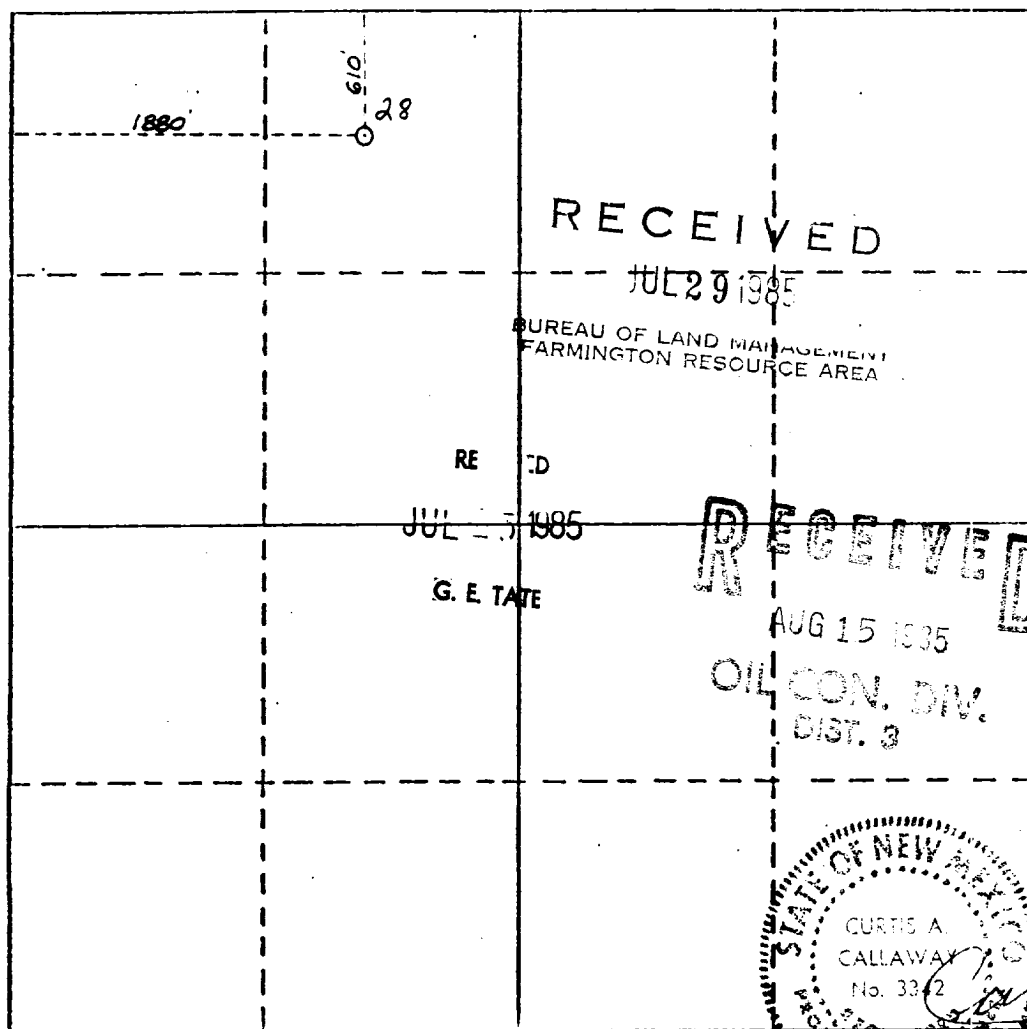
Operator Mobil Producing Texas & New Mexico, Inc.		Lease Lindrith "B" Unit		Well No. 28
Unit Letter C	Section 16	Township T24N	Range R3W	County Rio Arriba
Actual Footage Location of Well: 610 feet from the North line and 1880 feet from the West line				
Ground Level Elev. 6870	Producing Formation Dakota	Pool West Lindrith - Gallup/Dakota	Dedicated Acreage: 160 Acres	

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.

C. G. Stone for

Name

G. E. Tate

Position

Inv. & Reg. Manager

Company

Mobil Producing Tx. & NM, 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 23, 1985

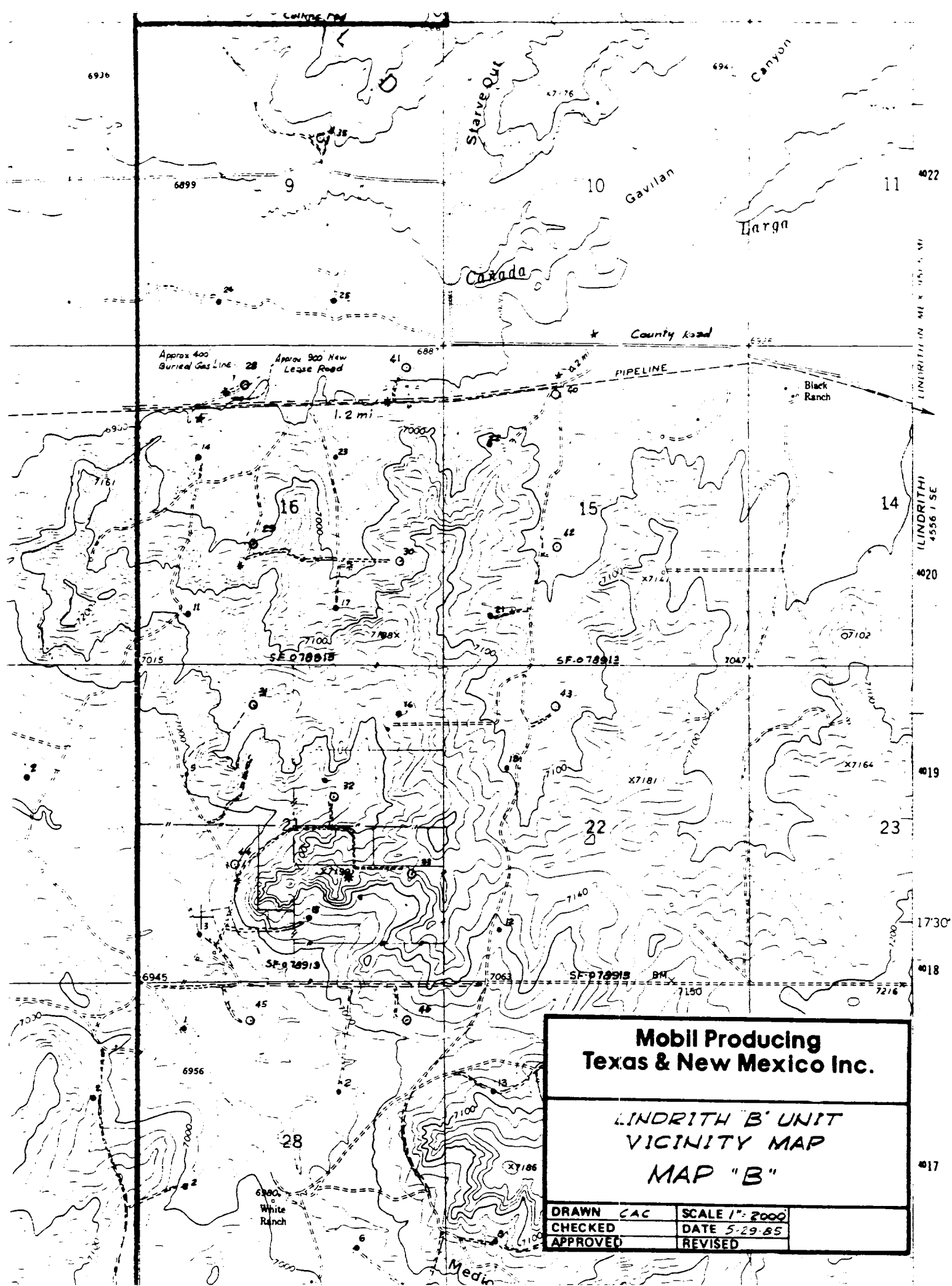
Registered Professional Engineer and/or Land Surveyor

Curtis A. Callaway

Certificate No.

3342

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 0



**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	

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  
P. O. Box 633, Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 610' FNL; 1880' FWL, Sec. 16  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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.  
28

10. FIELD OR WILDCAT NAME  
West Lindrith - Gallup/Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 16, T-24-N, R-3-W

12. COUNTY OR PARISH | 13. STATE  
Rio Arriba | New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6870 GL

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

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

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

RECEIVED

JUL 29 1985

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

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

(other) Change cement program , alter surface use and move location.

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 foam cement, we are amending our cement program to the following:

1. 472 Cu. Ft. Class B + 2% CaCl<sub>2</sub> 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 @ \_\_\_\_\_ Ft.

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

SIGNED C. A. Stone Jr. G. E. Tate TITLE Env. & Reg. Mgr. DATE 7/23/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

AUG 15 1985

APPROVED  
AS AMENDED

\*See Instructions on Reverse Side

NMOCC

AUG 12 1985

J. Stan McKee

M. MILLENBACH  
AREA MANAGER

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  
P. O. Box 633, Midland, Texas 79702  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 610' FNL; 1880' FWL, Sec. 16  
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: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

(other) Change cement program, alter surface use and move location.

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 the work.)\*

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

1. 472 Cu. Ft. Class B + 2% CaCl<sub>2</sub> 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 @ \_\_\_\_\_ 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 7/23/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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.  
28  
10. FIELD OR WILDCAT NAME  
West Lindrith - Gallup/Dakota  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 16, T-24-N, R-3-W  
12. COUNTY OR PARISH 13. STATE  
Rio Arriba New Mexico  
14. API NO.  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6870 GL

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