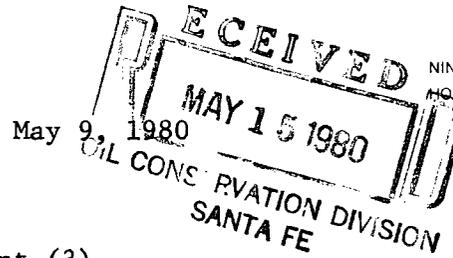


Mobil Producing Texas & New Mexico Inc.



NINE GREENWAY PLAZA—SUITE 2700
HOUSTON, TEXAS 77046

New Mexico Energy & Minerals Department (3)
Oil Conservation Division
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

*NSL -1198
June 5, 1980
Rule 2 R 5353*

7.01
UNORTHODOX LOCATION
MOBIL PRODUCING TX. & N.M. INC.
LINDRITH B UNIT
WELL #5
CHACON-DAKOTA ASSOCIATED POOL
RIO ARRIBA COUNTY, NEW MEXICO

Gentlemen:

Mobil Producing TX. & N.M. Inc. respectfully requests permission to drill the subject well at an unorthodox location to avoid interference with El Paso Natural Gas Company's Picture Cliffs gas well and meter run. This location was moved S 45°E, 100' of the original proposed location. This well is only 719' from the ¼ Sec. line which is less than the 790' requirement of Rule 2(b), Order No. R-5353.

Proposed well #5 will be located as follows:

1921' from the North line and
861' from the West line of
Sec. 21, T24N - R3W
Rio Arriba County, New Mexico

NW/4 dedicated

In support of this request, the following items are submitted:

1. Federal Form 9-331C - "Application to Drill"
2. Form C-102 - "Well Location and Acreage Dedication Plat"
3. Plat showing offset lease owners and topography.

Mobil

New Mexico Energy & Minerals Dept. -2-

May 9, 1980

Mobil Producing TX. & N.M. Inc. respectfully requests that this un-orthodox well location be approved administratively as provided for in Rule 2 (c) of Order No. R-5353.

A copy of this letter and attachments are being sent to the offset operator by certified mail as their notice of this application and request for their waiver of objection. This offset operator is:

Atlantic Richfield (ARCO)
Liberty Life Building
1860 Lincoln
Denver, Colorado 80203

Yours very truly,



for J. A. Morris
Regulatory Engineering
Supervisor

ADBond/cbb

Attachments

cc: District Supv. - Aztec
USGS - Durango
Offset Operator

**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
 Nine Greenway Plaza, Suite 2700; Houston, Texas 77046

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1921' FNL and 861' FWL, Sec. 21, T24N, R3W
 At proposed prod. zone
 Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 50 miles Southeast of Farmington

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 861' to lease line

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.
 2578'± SE to Well #3

19. PROPOSED DEPTH
 8200'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7015' - Ground

22. APPROX. DATE WORK WILL START*
 May 30, 1980

5. LEASE DESIGNATION AND SERIAL NO.
 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.
 5

10. FIELD AND POOL, OR WILDCAT
 Chacon-Dakota Associated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 21, T24N, R3W

12. COUNTY OR PARISH
 Rio Arriba

13. STATE
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# H-40	0-300'	1. Circulate to Surface
12-1/4"	8-5/8"	24# K-55	0-2500'	2. Circulate to Surface
	8-5/8"	32# H-40	2500-3900'	
7-7/8"	5-1/2"	15.5# K-55	0-7500'	3. Circulate to 3800'
	5-1/2"	17# K-55	7500-8200'	

Cementing Program

- Class A with 2% CaCl₂
- Class A with 6% gel tailed in with Neat cement
- Class H

Mud Program

Depth	Type of Mud	Weight	Viscosity	pH	Water Loss
0-300'	Spud Mud	10.0#	----	--	----
300-8200'	Fresh Water Gel	9.0#	40	--	----

Blowout Preventer Program

See Attachment

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.

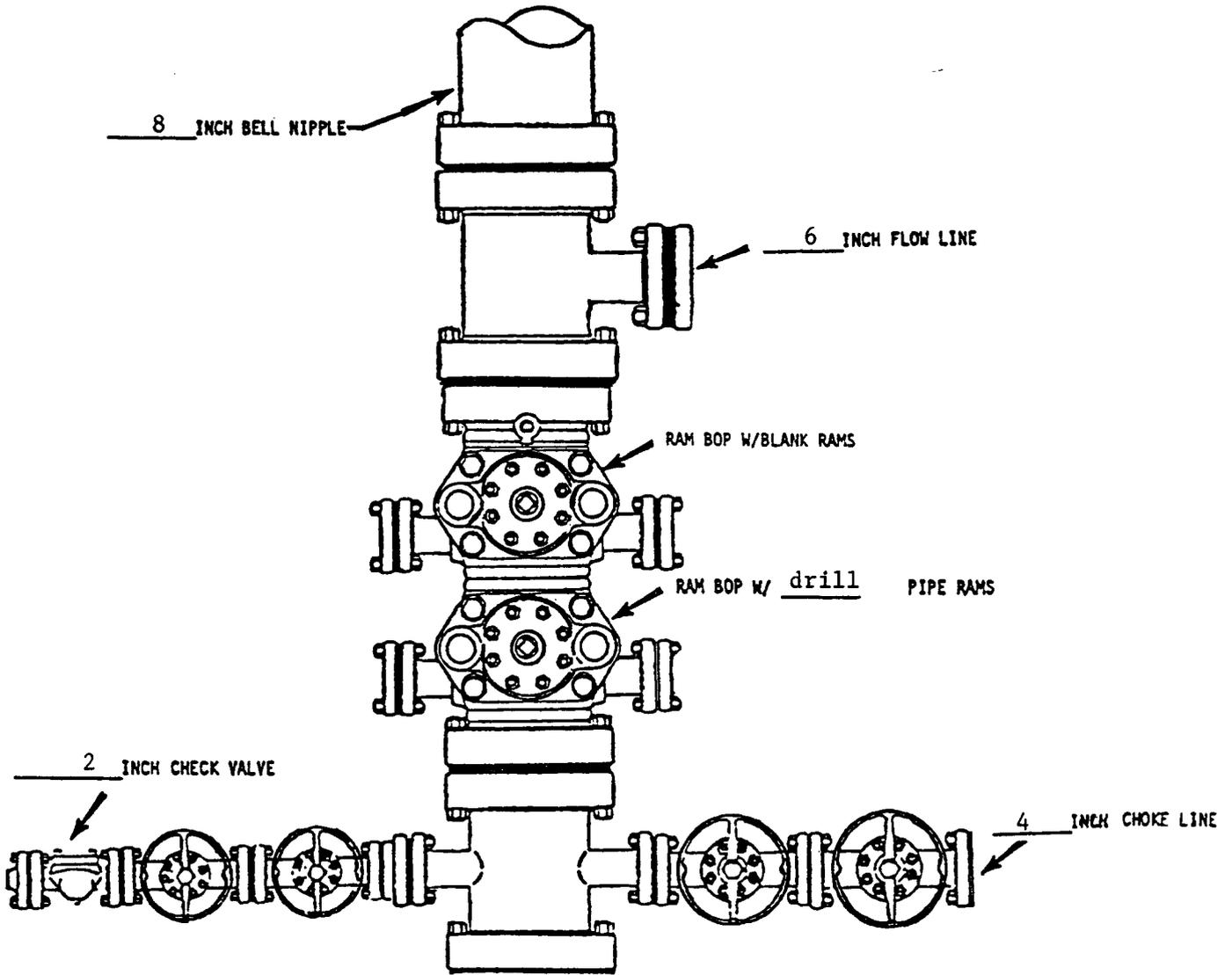
24. SIGNED A. D. Bond A. D. Bond TITLE Regulatory Engineering Coordinator II DATE May 9, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



*NOTE: ALL VALVES ARE METAL-TO-METAL SEAL AND FLANGED. ALL COMPONENTS MUST MEET ABOVE MINIMUM PRESSURE RATINGS. ALL COMPONENTS TO BE TESTED TO RATED PRESSURE AFTER ASSEMBLY AND BEFORE FURTHER DOWNHOLE OPERATIONS MAY BE CONDUCTED.

Mobil Producing Texas & New Mexico Inc. Houston, Texas	Scale
	Date
Well # <u>5</u> <u>Lindrith B Unit</u>	Drawn
(Lease)	Checked
Rio Arriba County, <u>NM</u> State	Approved
Blowout Preventer Assembly	Revised
(8 IN. 3000 PSI WP*)	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

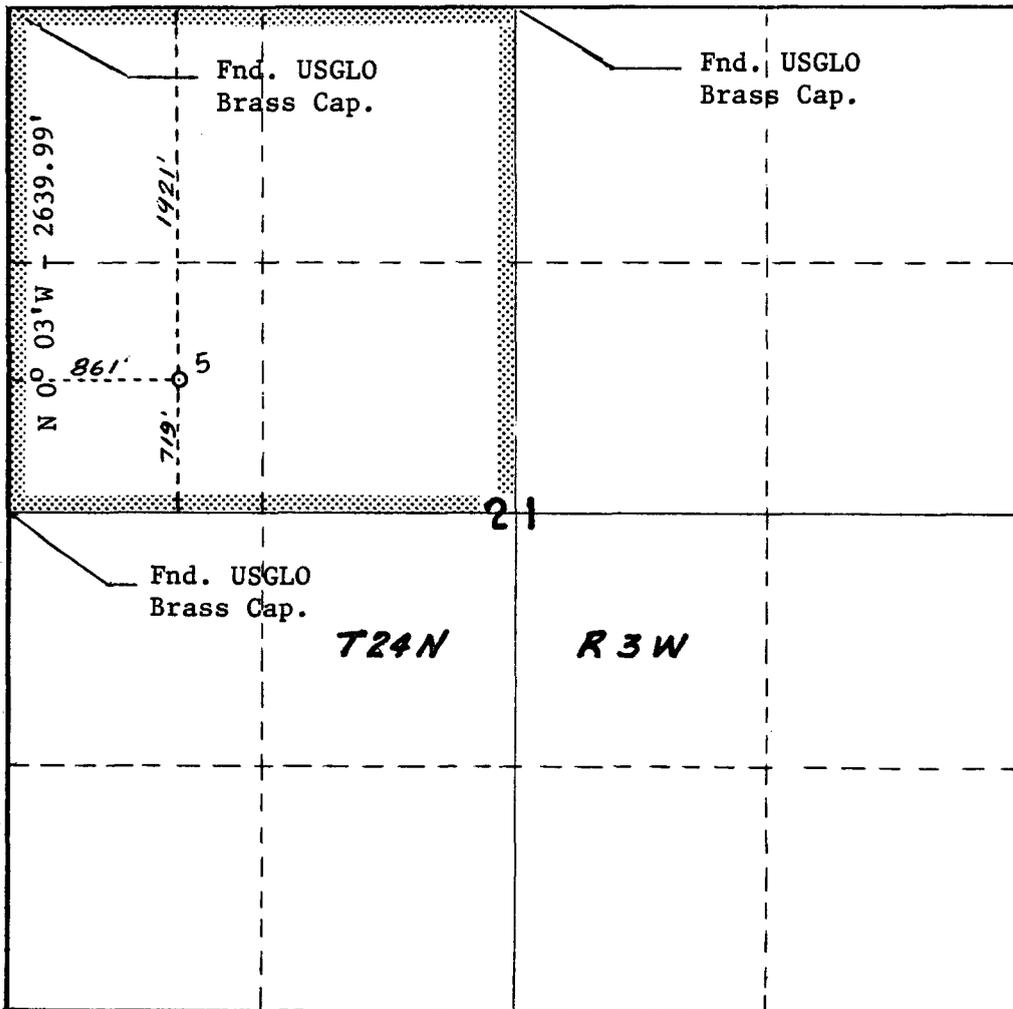
Operator Mobil Producing TX. & N.M. Inc.			Lease Lindrith B Unit		Well No. 5
Unit Letter E	Section 21	Township 24N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 921 feet from the North line and 861 feet from the West line					
Ground Level Elev. 7015'	Producing Formation Dakota		Pool Chacon-Dakota Associated		Dedicated Acreage: 160 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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. **N 89° 50'15" E 2635.5**



CERTIFICATION

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

A. D. Bond

Name
A. D. Bond
Position **Regulatory Engineering Coordinator II**
Company **Mobil Producing TX. & N.M. Inc.**
Date
May 9, 1980

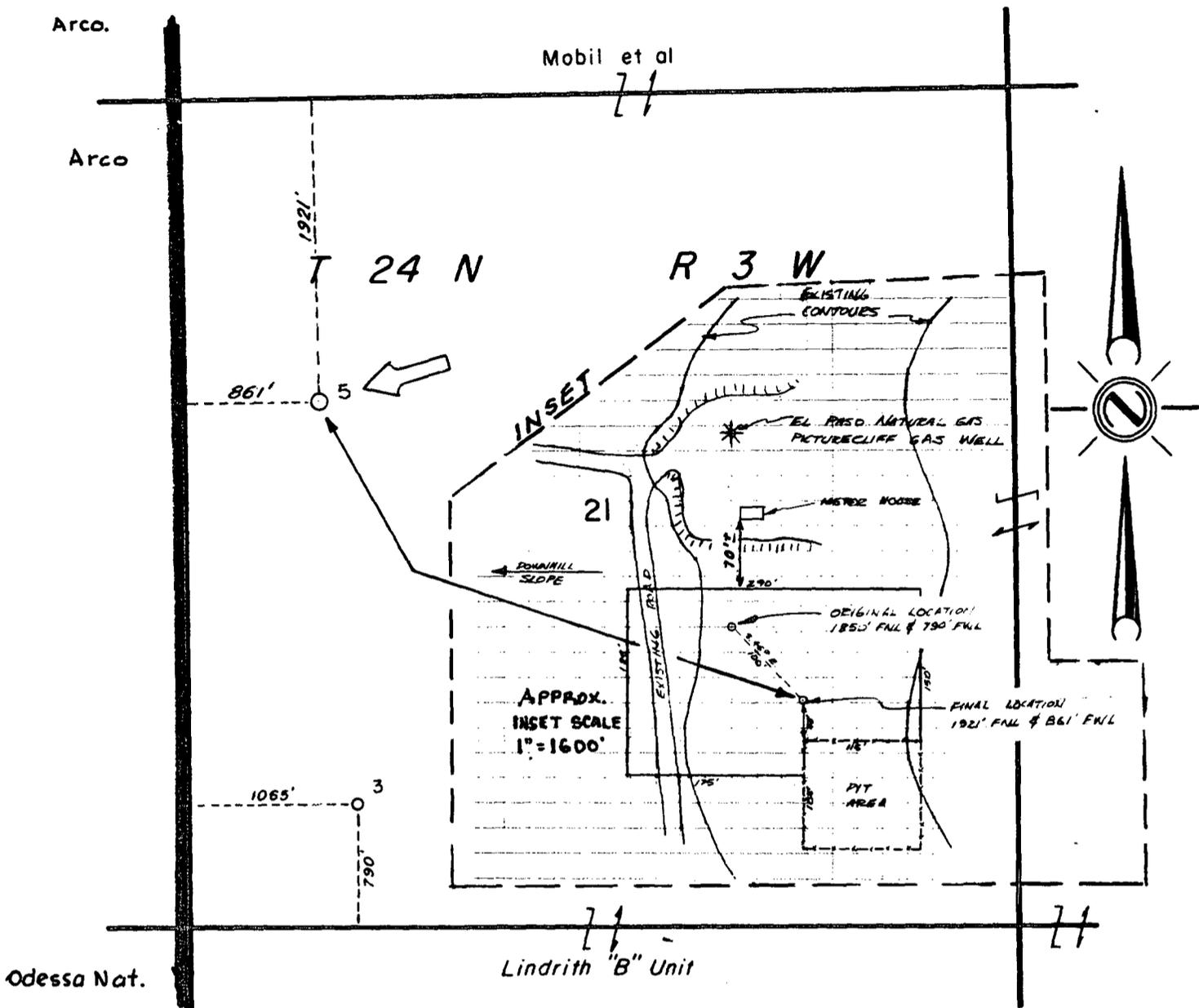
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

H. A. CARSON, JR.

H. A. Carson, Jr.

Date Surveyed
4-11-1980
Registered Professional Engineer and/or Land Surveyor

Certificate No.
5063



Reserve _____ Permit Depth _____

Special Instructions _____

THE STATE OF TEXAS
COUNTY OF HARRIS

I hereby certify that this plat truly represents conditions as they actually exist on this lease; that said plat which is drawn to the scale indicated hereon, is to the best of my knowledge true and correct; that it accurately shows said lease with all wells on same; that number and locations of said wells are as indicated hereon; and that this plat correctly reflects all pertinent and required data.

A. D. Bond

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

LEASE Lindrith "B" Unit

WELL NO. 5 DATE 5/9 1980

DIVISION _____ LEASE NO. _____

TOTAL ACRES IN LEASE 26,365.43 ACRES COVERED BY PLAT _____

DESCRIPTION Section 21, T24N, R3W of 26,365.43
acre unit, 50 mi. SE of Farmington

Rio Arriba County, New Mexico

DRAWN <u>WEK</u>	DATE <u>12-17-79</u>	FIELD <u>Chacon - Dakota</u>
SCALE <u>1" = 1000'</u>	FILE NO. <u>20</u>	Associated

Mobil Producing Texas & New Mexico Inc.

RECEIVED
JUN - 3 1980
OIL CONSERVATION DIVISION
SANTA FE

NINE GREENWAY PLAZA - SUITE 2700
HOUSTON, TEXAS 77046

June 3, 1980

New Mexico Energy & Minerals Department
Oil Conservation Division
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

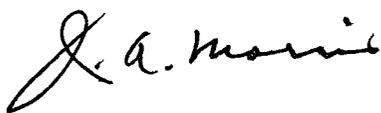
Attention: Mr. Joe Ramey

7.01
UNORTHODOX LOCATION
MOBIL PRODUCING TX. & N.M. INC.
LINDRITH B UNIT, WELL #5
CHACON-DAKOTA ASSOCIATED POOL
RIO ARRIBA COUNTY, NEW MEXICO

Gentlemen:

Attached is the waiver from Atlantic Richfield Company (ARCO) waiving objection to the drilling of the subject well at an unorthodox location. ARCO is the only operator offsetting this proration unit.

Yours very truly,



J. A. Morris
Regulatory Engineering
Supervisor

ADBond/cbb

Attachments

cc: District Office - Aztec

W A I V E R

RECEIVED
JUN - 6 1980
OIL CONSERVATION DIVISION
SANTA FE

New Mexico Energy & Minerals Department
Oil Conservation Division
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

7.01
UNORTHODOX LOCATION
MOBIL PRODUCING TX. & N.M. INC.
LINDRITH B UNIT, WELL #5
CHACON-DAKOTA ASSOCIATED POOL
RIO ARRIBA COUNTY, NEW MEXICO

Gentlemen:

We have received a copy of Mobil Producing TX. & N.M. Inc.'s (MPTM) application to drill the subject well at an unorthodox location. Please be informed that we, as an offset operator to MPTM's proposed well, waive objection to their application as set forth in their letter dated May 9, 1980.

Yours very truly,

COMPANY ARCO OIL & GAS CO
REPRESENTATIVE A. H. BRACKENRIDGE
SIGNATURE *A. H. Brackenridge*
TITLE VICE PRES
DATE 5/29/80

OIL CONSERVATION COMMISSION
Order DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE May 29, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL α _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application dated May 16, 1980
for the Mobil Prod. Serv + N.M. Lindith B Unit #5 E-21-24-3
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Do not approve. Legal locations are available within the
quarter section. I have talked with them and they will
be considering whether to restake or go to hearing.

Yours very truly,

Frank S. Clary