

5-10

✓

OIL CONSERVATION COMMISSION  
Alto DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE May 29, 1980

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL x \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated May 16, 1980  
for the Mobil Prod. Co. & N.M. Lindlich 15 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 relocate or go to the next  
\_\_\_\_\_

Yours very truly,

Frank S. O'Leary

# Mobil Producing Texas & New Mexico Inc.

NINE GREENWAY PLAZA—SUITE 2700  
HOUSTON, TEXAS 77046

May 9, 1980

New Mexico Energy & Minerals Department (3)  
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:

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  $\frac{1}{4}$  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

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

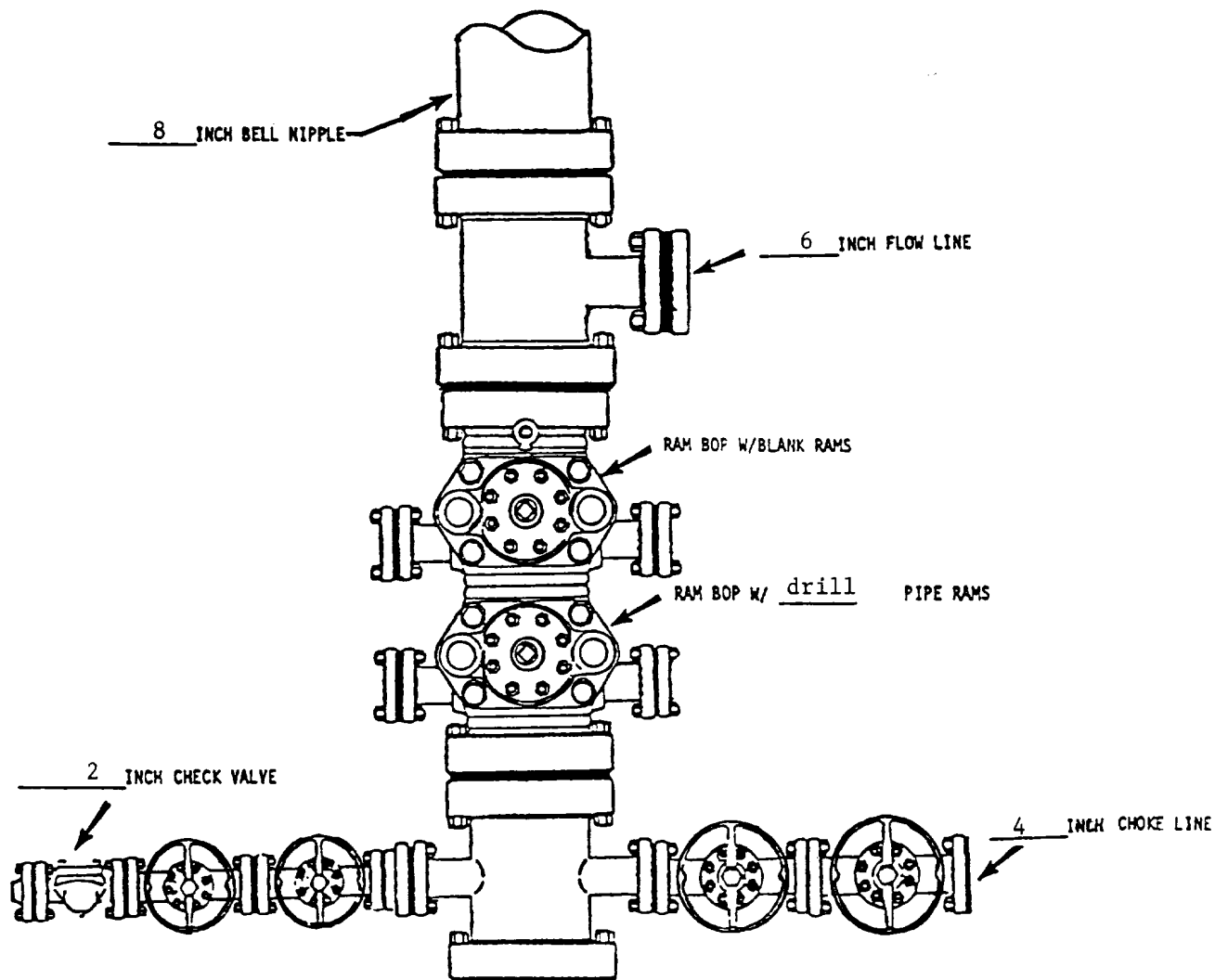
cc: District Supv. - Aztec  
USGS - Durango  
Offset Operator

1. This space for recording of permit data only

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

\*See Instructions On Reverse Side



\*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.

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

**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.

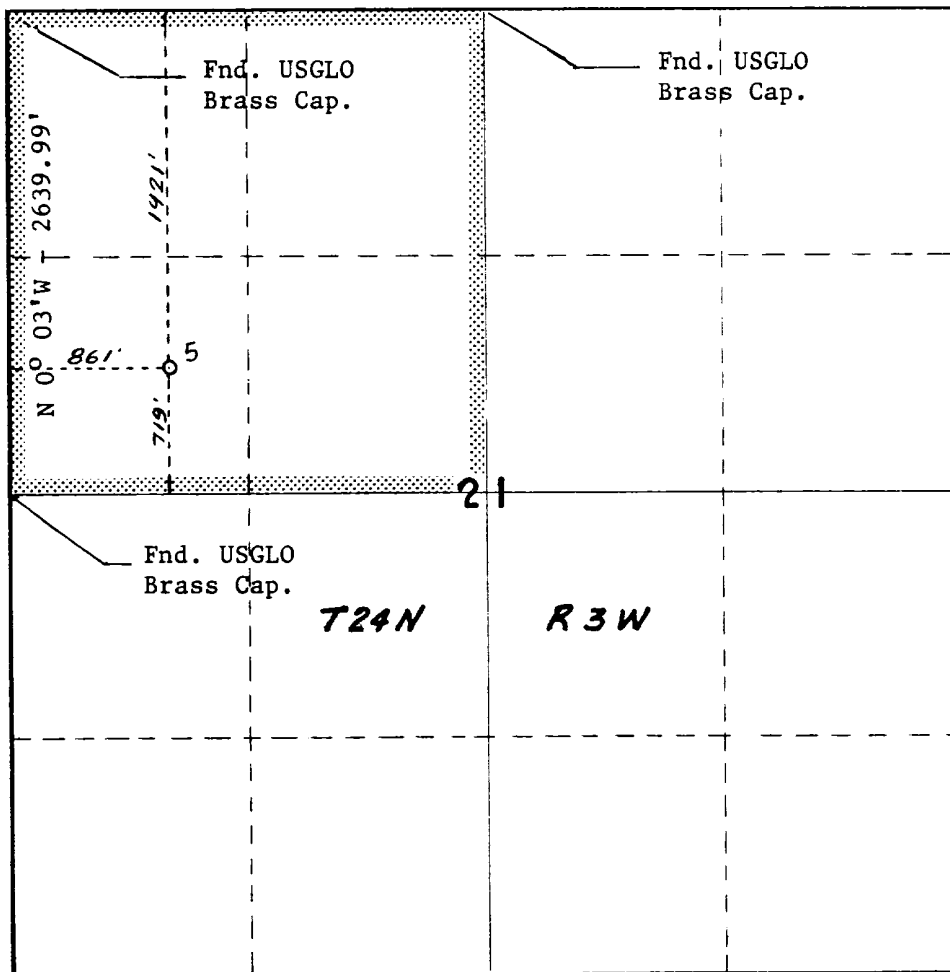
Operator <b>Mobil Producing TX. &amp; N.M. Inc.</b>			Lease <b>Lindrith B Unit</b>		Well No. <b>5</b>
Unit Letter <b>E</b>	Section <b>21</b>	Township <b>24N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>921</b> feet from the <b>North</b> line and <b>861</b> feet from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

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 to the best of my knowledge and belief.*

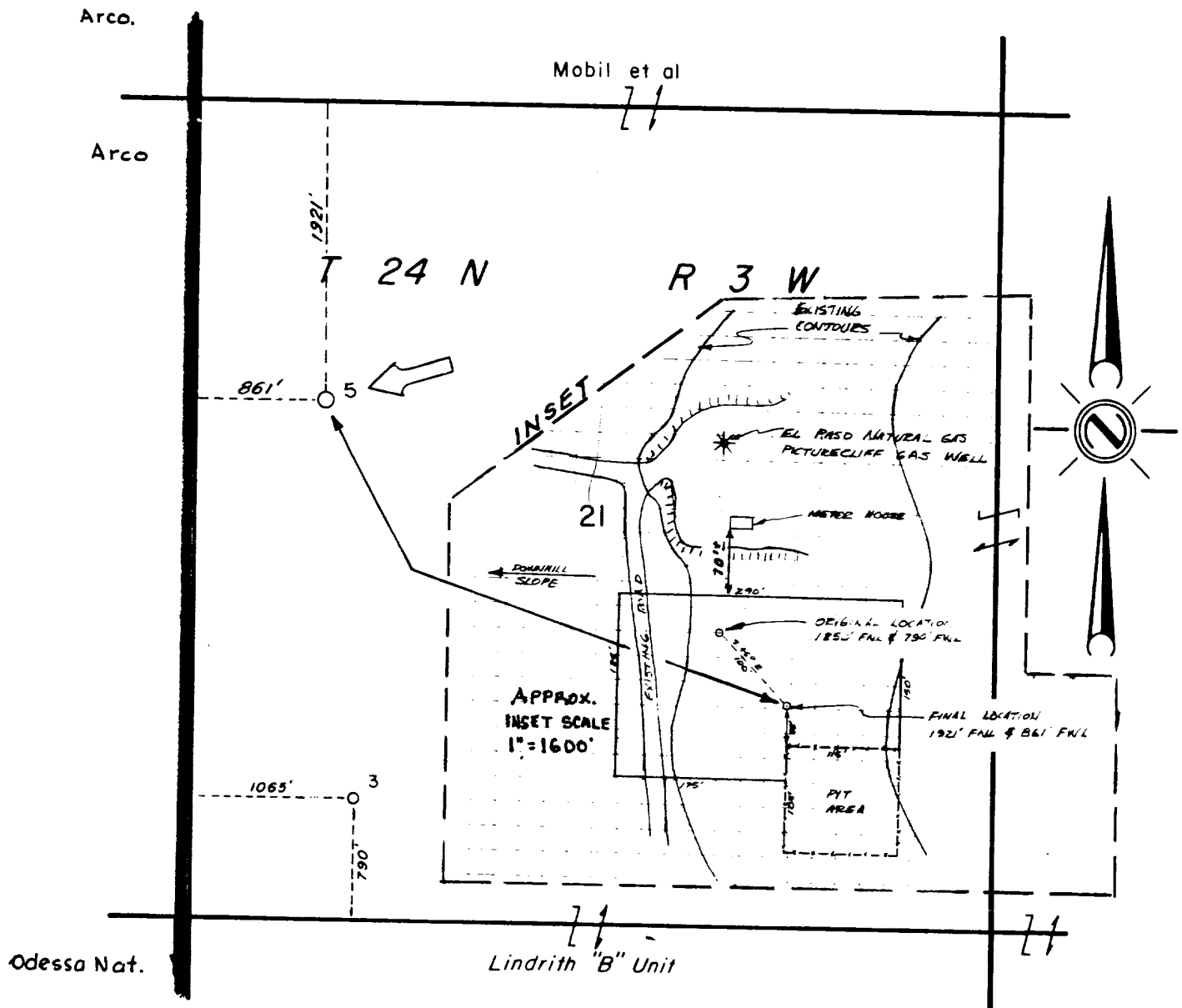
**H. A. Carson, Jr.**  
Date Surveyed \_\_\_\_\_

Registered Professional Engineer and/or Land Surveyor

**H. A. Carson, Jr.**

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.

**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 WEK DATE 12-17-79 FIELD Chacon - Dakota  
SCALE 1"=1000' FILE NO. 20 Associated

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Santa Fe 078913
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Mobil Producing TX. & N.M. Inc.			7. UNIT AGREEMENT NAME Lindrith B Unit
3. ADDRESS OF OPERATOR Nine Greenway Plaza, Suite 2700; Houston, Texas 77046			8. FARM OR LEASE NAME
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			9. WELL NO. 5
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 50 miles Southeast of Farmington			10. FIELD AND POOL, OR WILDCAT Chacon-Dakota Associated
15. DISTANCE FROM PROPOSED* 861' to lease line LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T24N, R3W
18. DISTANCE FROM PROPOSED* 2578'± SE TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. to Well #3			12. COUNTY OR PARISH 13. STATE Rio Arriba NM
16. NO. OF ACRES IN LEASE 26,365.43			17. NO. OF ACRES ASSIGNED TO THIS WELL 160
19. PROPOSED DEPTH 8200'			20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7015' - Ground			22. APPROX. DATE WORK WILL START* May 30, 1980

## 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

1. Class A with 2% CaCl<sub>2</sub>
2. Class A with 6% gel tailed in with Neat cement
3. 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:

\*See Instructions On Reverse Side