

Mobil Oil Corporation

NSL - 690

104 F

Blue Nov 26

P. O. BOX 633
MIDLAND, TEXAS 79701

November 1, 1974

New Mexico Oil Conservation Commission (3)
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

UNORTHODOX WELL LOCATION
MOBIL OIL CORPORATION'S
CORRAL DRAW UNIT, WELL #2
UNDESIGNATED (MORROW) POOL
EDDY COUNTY, NEW MEXICO

Gentlemen:

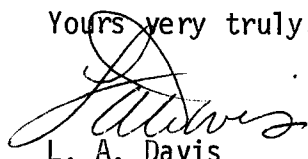
Mobil Oil Corporation respectfully requests permission to drill the subject well at an unorthodox location under the provisions of Rule 104 (f). This well will be located in Unit K, 1580 ft from the south line and 1980 ft from the west line of Sec. 22, T-25-S, R29-E, Eddy County, New Mexico. Mobil planned to drill this well 1980 ft from the south and west lines of Sec. 22, but when surveyed it fell in a draw. To drill at this site the existing draw would have to be damed up and rerouted around the well. Mobil has advised the United States Geological Survey of this unorthodox location and have requested them to furnish your office a letter of concurrence.

The following items supporting this request are submitted in triplicate:

1. Form C-102 - Well Location and Acreage Dedication Plat
2. Form 9-331-C (Federal Form) Application to Drill, Deepen or plug back.
3. Plat showing the topography and location of the proposed well.

All surrounding acreage is in the Corral Draw Unit, therefore, no offset operators are involved.

Yours very truly,



L. A. Davis
Area Operations Engineer

ADBond/cs
Attachments

cc: NMOCC - Artesia w/attach.
USGS - " "

**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.

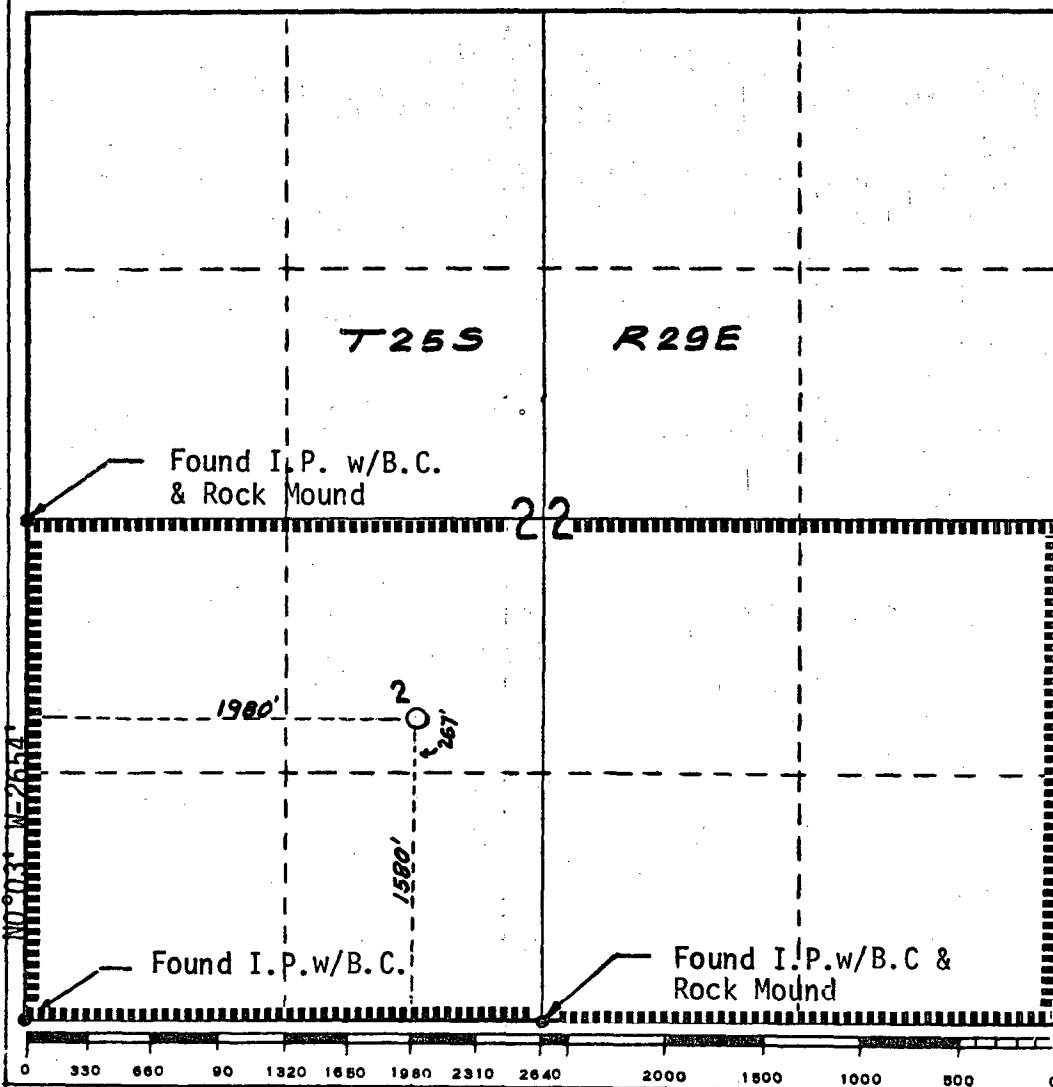
Operator Mobil Oil Corporation			Lease Corral Draw Unit		Well No. 2
Unit Letter K	Section 22	Township 25S	Range 29E	County Eddy	
Actual Footage Location of Well:					
1580	feet from the	South	line and	1980	feet from the West line
Ground Level Elev. 3062	Producing Formation Morrow		Pool Corral Draw (Morrow)		Dedicated Acreage: 320 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 _____

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.

A. D. Bond

Name
A. D. Bond
Position
Proration Staff Assistant
Company
Mobil Oil Corporation

Date
November 1, 1974

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.

J. F. Godfrey, Jr.
Date Surveyed
October 22, 1974

Registered Professional Engineer and/or Land Surveyor

J. F. Godfrey, Jr.

Certificate No.
2663

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 Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 633, Midland, Texas 79701

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

At surface

1580' FSL & 1980' FWL of Sec. 22

At proposed prod. zone

Same as Surface

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-14778

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Corral Draw Unit

8. FARM OR LEASE NAME

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Corral Draw (Morrow)

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

Sec. 22, T-25-S, R-29-E

12. COUNTY OR PARISH

13. STATE

Eddy

New Mexico

16. NO. OF ACRES IN LEASE

19,198.88

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

14,500

20. ROTARY OR CABLE TOOLS

Rotary

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

3062' - Ground

22. APPROX. DATE WORK WILL START*

December 1, 1974

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"	9-5/8"	36# - K-55	0- 3150'	(2) Circulate to surface
8-3/4"	7-5/8"	29.7# - S-95	0- 11000'	(3) Circulate to surface
6-3/4"	5-1/2" (Liner)	20# - S-95	10800- 14500'	(4) Circulate over top of liner.

(1) Class H Cement w/2% CaCl₂(2) Lite-water (12.4 #/gal) containing 1/2# floccle, 10# gelosonite & 10# salt/sx.
Tail in w/class H Cement w/3# salt/sx.

(3) Lite-water (12.4# gel) & tail in with Class H Neat.

(4) Class H w/0.7% HR-4

~~BLOWOUT PREVENTER PROGRAM: See Attachment~~~~MUD 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

TITLE

Proration Staff Assistant

DATE

November 1, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

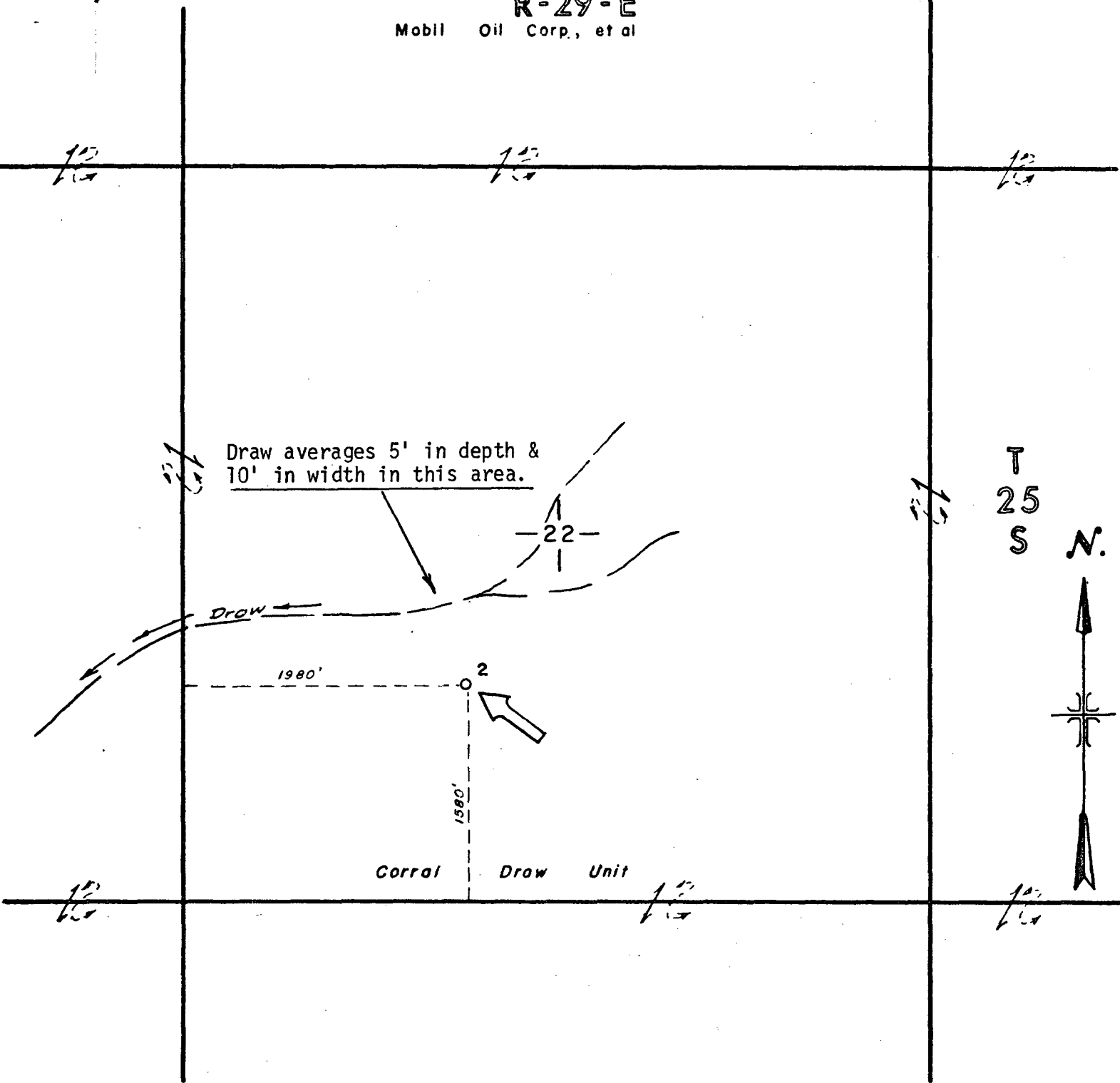
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

R-29-E

Mobil Oil Corp., et al



Reserve _____ Permit depth _____

Special Instructions _____

Date work is commenced _____, 19____ Supt. _____

Location approved by _____ Plat by _____ Surveyed by _____

THE STATE OF TEXAS
COUNTY OF MIDLAND

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 11-4-74

Mobil Oil Corporation
MIDLAND PRODUCING AREA - MIDLAND, TEXAS

LEASE Corral Draw Unit
WELL NO. _____ DATE _____ 19____
DIVISION _____ LEASE NO. NM-3747-B
TOTAL ACRES IN LEASE 19,198.88 ACRES COVERED BY PLAT _____
DESCRIPTION 19,198.88 Acres in Twps. 25 & 26 S., R 29 E.

Eddy County, New Mexico

DRAWN <u>MLC</u>	DATE <u>10-23-74</u>	FIELD <u>Corral Draw (Morrow)</u>
SCALE <u>1" = 1000'</u>	FILE NO. <u>85</u>	

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

November 1, 1974

United States Geological Survey
Artesia District
P. O. Drawer U
Artesia, New Mexico 88210

Attention: Mr. James Knauf

NSL-670
DRILLING APPLICATION
MOBIL OIL CORPORATION'S
CORRAL DRAW UNIT, WELL #2
CORRAL DRAW (MORROW) POOL
EDDY COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests permission to drill the subject well. In support of this request six (6) copies of the following items are submitted:

1. Federal Form 9-331-C - Application to Drill
 - a. Diagrammatic sketches of blowout preventer program
 - b. Detailed mud program
2. State Form C-102 - Well Location and Acreage Dedication Plat
3. Twelve Point Surface Use Plan
 - a. Rig layout and location plan
 - b. Area plat showing road system
 - c. Vicinity plat showing road system in detail.

Plans were to drill this well 1980 ft from the south and west lines of said Sec. 22; however, this location fell in a draw and was moved 400 ft south to a more favorable site. The new location, 1980 ft from the west line and 1580 ft from the south line of Sec. 22, is in violation of the New Mexico Oil Conservation spacing rule for Morrow gas wells in Eddy County. This rule requires that a well be not less than 330 ft to any quarter-quarter section or subdivision inner boundary.

To drill 1980 ft out of the southeast corner of the section would require the damming up of the draw and rerouting it around the well. This would cost approximately \$1000 more for dirt work and it would alter the natural terrain.

United States Geological Survey
Artesia District
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November 1, 1974

Mobil plans to request administrative approval of this unorthodox location from the New Mexico Oil Conservation Commission. If, after your field inspection of this proposed drill site, you concur with us please furnish a letter to the Commission as evidence of same. It is believed that your letter will expedite the approval of this unorthodox location.

Yours very truly,



L. A. Davis
Area Operations Engineer

ADBond/cs
Attachments

cc: NMOCC - Santa Fe
NMOCC - Artesia

THIS COPY FOR