

30-015-20855

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

MAY 18 1973

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

At surface

660' FSL & 1980' FWL, Sec. 13, T-23-S, R-26-E

At proposed prod. zone

Same as surface

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

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

320

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

12,000 ft

20. ROTARY OR CABLE TOOLS

Rotary

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

3240.8 - Ground

22. APPROX. DATE WORK WILL START*

May 23, 1973

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#	350'	(1) Circulate to surface
12-1/2"	9-5/8"	40#	5400'	(1) Circulate to surface
8-3/4"	7"	26#	12000'	(1) Circulate to 5200'

(1) Class H Cement w/2% CaCl₂.

Mud Program: 0 - 350 Spud Mud
350 - 5400 Sat. Brine
5400 - 10000 Fr. Wtr.
10000 - TD Fr. Wtr. Gel.

Blowout Preventer Program:

CASING STRING	EQUIP SIZE & API SERIES	NO. & TYPE	PSI
Surface	12" 600	Dual w/Blank & Pipe Rams 1-Hydril	1000
Intermediate	10" 1500	Dual w/Blank & Pipe Rams	5000

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.

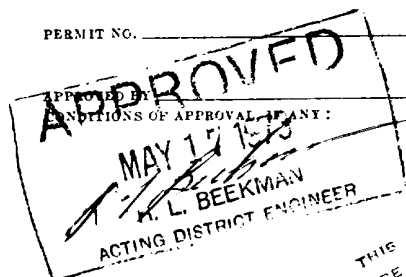
24.

SIGNED A. D. Bond A. D. Bond TITLE Proration Staff Assistant DATE May 9, 1973

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____



TITLE _____ DATE _____

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMPLETED WITHIN 3 MONTHS.
AUG 17 1973
*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

Operator Mobil Oil Corporation			Lease Federal LL		Well No. 1
Mail Letter N	Section 13	Township 23-S	Range 26-E	County Eddy	
Actual Footage Location of Well: 660' feet from the South line and 1980' feet from the West line					
Ground Level Elev. 3240.8	Producing Formation Atoka & Morrow		Pool Carlsbad, South	Dedicated Acreage: 320 Acres	

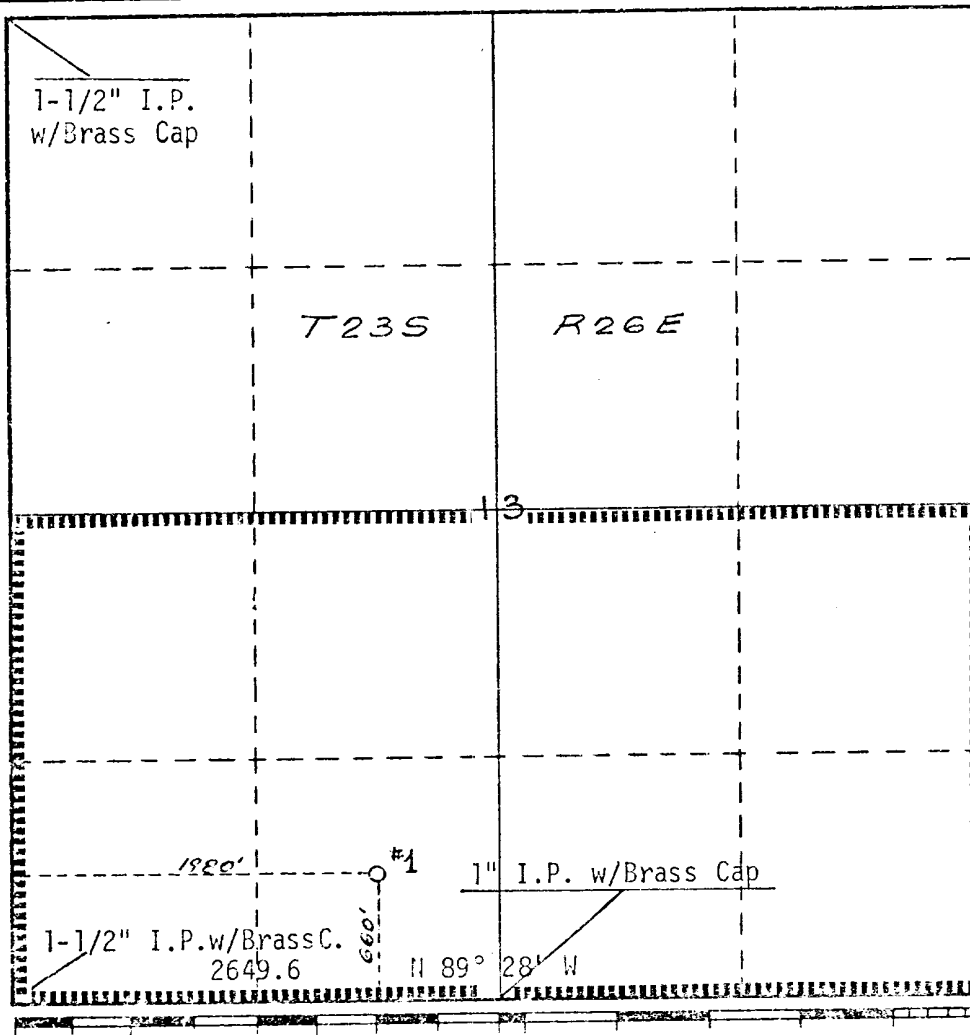
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

Called N 0°09' E



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
Proration Staff Assistant
Company
Mobil Oil Corporation
Date
May 9, 1973

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

Date Surveyed
May 4, 1973
Registered Professional Engineer and/or Land Surveyor

Wilson D. Watson, Jr.

Certificate No.
2050

MOBIL OIL CORPORATION
P. O. Box 633
Midland, Texas 79701

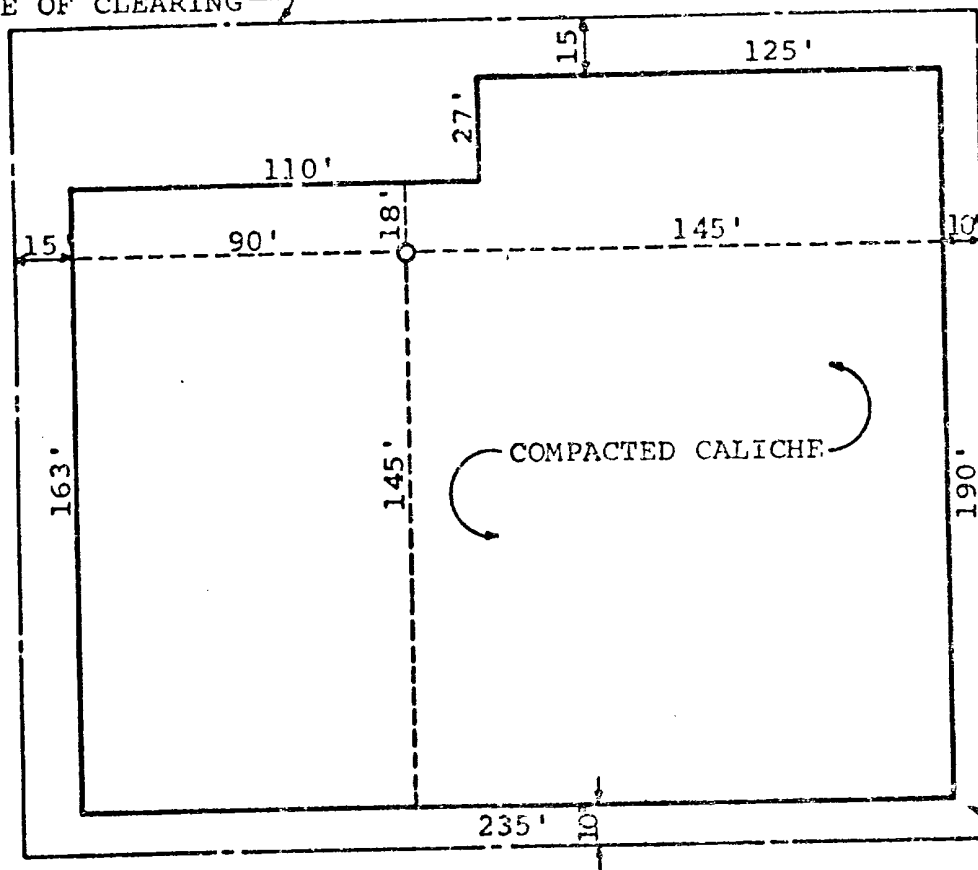
TWELVE-POINT SURFACE USE PLAN FOR
DRILLING OPERATIONS ON FEDERAL LEASES

Lease Name: Federal LL Well No. 1
Well Location: 660' FSL & 1980' FWL of Sec. 13, T-23S, R-26-E
Field: Carlsbad, South (Atoka) & (Morrow)
County: Eddy State: New Mexico

1. * Existing roads including location of the exit from the main highway.
2. * Planned access roads.
3. * Location of wells.
4. * Lateral roads to well location.
5. * Location of tank batteries and flow lines. Initial Well on Lease —
Location of flow lines will depend on market and sales contract
6. Location and types of water supply: Water will be trucked into the location.
7. Methods for handling waste disposal: Waste will be buried, burned and/or
hauled from the drill site.
8. Location of camps: None
9. Location of air strips: Well is approx. 2 miles southeast of Carlsbad,
New Mexico airport.
10. Location layout to include position or rig, mud tanks, reserve pits,
burn pits, pipe racks, etc.: See attached diagram of proposed layout.
11. Plans for restoration of the surface: Pits will be back filled & leveled
to original topography. Area restored to original grade and left for return
of natural vegetation. The caliche pad will be left in place for well
servicing.
12. Any other information that may be used in evaluating the impact on
environment: This well is in a semi-arid region with rolling hills.
The land is grass pasture and the soil is fine sandy loam.

* Shown on attached map.

EDGE OF CLEARING →



CLEAR & GRADE

APPROXIMATELY 1158 C.Y. CALICHE
REQUIRED FOR 6" COMPACTED PAD.

Federal LL Well #1

NO.	DATE	BY	ALTERATION
STANDARD LOCATION PLAN 10,000'-15,000' DEEP WELLS ON STABLE SOIL			
MOBIL OIL CORPORATION			
Midland, Texas			
DRAWN BY	SCALE 1"=50'	DWG. NO.	
CHECKED	DATE 9-14-66	A-324	

Texas O. & G.		Pennzoil		Superior	
Pan Am - State Com		Echols Com		Stenters A	
Huber		Mobil		Phillips	
Sorenson Com		Federal MM Com		Drag A	
Huber		13 Mobil		Phillips	
Terra - State		Federal LL		Drag B	
Huber		Mobil, et al		Phillips	
O'Neill - Fed		R - 26 - E		Drag B	

5.2 Miles to Carlsbad, New Mexico
U.S. Hwy. 62 & 120
Existing Road - 2640
New Road - 4000
New Road - 2640
1980'
1980'
660'

RECEIVED
MAY 11 1973
MIDLAND COUNTY, TEXAS

Permit depth 12000'

Reserve _____

Special Instructions _____

Date work is commenced _____, 19____ Supt. _____

Location approved by _____ Plat by A. D. Bond Surveyed by _____

THE STATE OF TEXAS COUNTY OF MIDLAND		Mobil Oil Corporation MIDLAND PRODUCING AREA MIDLAND, TEXAS	
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. <u>A. D. Bond May 9, 1973</u>		LEASE Federal LL	
		WELL NO. 1 DATE May 9, 19 73	
		DIVISION LEASE NO.	
		TOTAL ACRES IN LEASE 320 ACRES COVERED BY PLAT 320	
DESCRIPTION S 1/2 Sec. 13, T-23-S, R-26-E		Eddy County, New Mexico	
DRAWN E.C.M.		DATE May 72	
SCALE 1" = 1000'		FIELD Carlsbad, South (Shakel) B (Tronox)	