

RECEIVED
NOV 28 1985
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐Amended
PLUG BACK ☒ *

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

Post Office Box 633, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1950' N, 660' E, 1980' E of Section 12.

At proposed prod. zone

Same

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

8.5 miles NE from Carlsbad, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 950' NW

16. NO. OF ACRES IN LEASE

776.217. NO. OF ACRES ASSIGNED
TO THIS WELL40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

3185' PB

20. ROTARY OR CABLE TOOLS

Rotary

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

3189' GR

22. APPROX. DATE WORK WILL START*

started 9-27-85

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"	54.5#	650'	650 sx circ to surface
12-1/4"	8-5/8"	24 #	2650'	1000 sx circ to surface
7-7/8"	5-1/2"	14 #	3200'	250 sx circulated

Cmtg. Data:

13-3/8" cmtd w/650 sx C, 2% CaCl₂ w/1/4 #1 sx FC.8-5/8" cmtd w/1000 sx Lite, 10# SLAL, 1/4# FS + 300 sx C, 2% CaCl₂, circ 240 sx to surface.

5-1/2" cmtd w/250 sx C.

Cmt. Plugs:

Set 150 sx Class C cmt plug @ 5735' w/top of plug @ 5350', spot 20 bbl.80 vis gel pill,
Set 100 sx Class C, 2% CaCl₂ @ 3400'. circ.The above procedure was verbally approved by telephone conversation between Mobil's A. D.
Bond and BLM employee in November 1985.

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 J. E. Tate J. E. Tate
As Agent for The Superior Oil Company
(This space for Federal or State official use)TITLE Env. & Reg. ManagerDATE 11-20-85

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.