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Artesia, NM 88710

(Other instructions on
reverse side)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

Superior Oil Company, The

3. ADDRESS OF OPERATOR

P. O. Box 633, Midland, TX 79702

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

At surface

1950' FSE, 660' FEL of Section 12

At proposed prod. zone Same

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

8.5 miles NE of Carlsbad, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest dirg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

7000'

16. NO. OF ACRES IN LEASE

776.2

19. PROPOSED DEPTH

5800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3189' GR

22. APPROX. DATE WORK WILL START*

6/15/85

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"	48#	650'	675 sx circ. to surface
11"	8-5/8"	24#	2200-2450'	720 sx circ. to surface
7-7/8"	5-1/2"	15.5#	5800'	690 sx circ. to surface

Cementing Program:

17-1/2" csg. cmttd. to surface w/675 sx Class C, 2% CaCl₂, 1#/sx flocele.11" csg. cmttd. to surface w/720 sx HOWCO Lite w/1#/sx flocele & Class C w/2% CaCl₂.

7-7/8" csg. cmttd. to surface w/690 sx Trinity LW + 1#/sx flocele & Class C neat.

BOP: See Attached

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 E. Tate, as TITLE Env. & Reg. Mgr.DATE 5-31-85Agent for Superior Oil Company, The
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY J. H. Tate

TITLE

DATE 6-13-85

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED