

CISF

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 ☐

AMENDED*

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Superior Oil Company, The

3. ADDRESS OF OPERATOR

P. O. Box 633, Midland, Texas

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

At surface

330' FNL, 2310' FWL 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, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

300' North

300' East

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

#8 at 1098'

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

3210' GR

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#	673'	858 cu. ft. to surface
11"	8 5/8"	24#	2675'	2236 cu. ft. to surface
7 7/8" Liner	5 1/2"	14#	2360-3200	231 cu. ft. Liner top

*Well originally permitted to Avalon-Bone Spring, East field in error.

Casing Detail:

*Changed from: 5 1/2" csg at 5800'
to: 5 1/2" liner at 3200'*

13 3/8" Cmt. to surface w/650 sx. (860 cu. ft.) Class C cmt + 2% CaCl 2 + 1/4 #1 sx Flocele

8 5/8" Cmt. to surface w/1000 sx. BJ Lite w/10# salt/sx. + 1/4# Celoflakes (yield 1.84 = 1840 cu. ft.) and 300 sx. Class C + 2% Ca Cl 2 (yield 1.34 = 396 cu. ft.)

5 1/2" Cmt. to lnr. topw/175 sx. Class C Neat (yield 1.32 = 231 cu. ft.)

BOP Series: 3000# PSI.

New plat required by NMOC D

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

G. E. Tate G. E. Tate

TITLE

Env. & Reg. Mgr.

DATE

12/2/85

as agent for The Superior Oil Company

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

J. Mark Smith

TITLE

AREA MANAGER

DATE

12-6-85

CONDITIONS OF APPROVAL, IF ANY: