

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR CATE
Other instructions on
reverse sideForm approved.
Budget Bureau No. 42-R1425.

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

The Superior Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3901, Midland, TX 79702

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

1980' FNL, 660' FWL of Section 12

At proposed prod. zone

Same

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

6 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)

16. NO. OF ACRES IN LEASE

776.2

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

19. PROPOSED DEPTH

PB 6700', TD 11,785'

20. ROTARY OR CABLE TOOLS

Work Over

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

3223' GR

22. APPROX. DATE WORK WILL START*

23. CASING AND CEMENTING PROGRAM

Original

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	596'	787 SX
12-1/4"	9-5/8"	36.0	3,010'	975 SX
8-3/4"	5-1/2"	20 & 17	11,785'	435 SXS

Recomplete from Burton Flat - Morrow

Superior Oil Company plans to plug back to the Bone Spring formation after
producing from the Burton Flat Morrow Pool.Plugs will be set to conform to USGS Specifications. An existing Morrow Communit-
ization Agreement will be cancelled.

(Over)

Name changed from Government "D" Com. Well No. 2

Well will plugged back from the Burton Flat-Morrow Gas Pool

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 Division Operations Supt.

DATE July 3, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Post TD-3
7-13-84
L.H. Williams

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.

U.S. GOVERNMENT PRINTING OFFICE : 1981 O - 345-739

Bone Spring Recompletion Procedure

1. Set CIBP @ 11,390', cap w/35' cmt.
2. Spot 150' class "H" cmt. plug from 9650-9500'. WOC overnight
3. Perf 4 sq holes @ 9150', set retainer @ 9120'. Pump 50 sxs
4. Class "H" cmt. Dump 25 sxs cmt on top of retainer.
5. Perf 4 sq holes @ 6400', set cmt retainer @ 6370', circ
6. Pump 15 bbls fresh water, follow w/100 sxs class "C" Neat
7. cmt. POH w/retainer. WOC 24 hrs.
8. Perf 6234-6237'; 6240-6250'; 6266-6296' w/1 JSFP.
9. Acidize and put well on production if commercial.