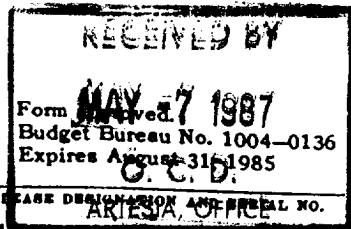


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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 ☐

REENTRY ☐

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Manzano Oil Corporation 505/623-1996

3. ADDRESS OF OPERATOR

Roswell, NM 88202

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

At surface

1980' FNL & 660' FEL Sec 30-T18S-R30E

At proposed prod. zone

same

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

6 1/2 miles south of Loco Hills, New Mexico

10. DISTANCE FROM PROPOSED\*

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

660'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1/2 mile

16. NO. OF ACRES IN LEASE

1751.53

19. PROPOSED DEPTH

9400'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

N/A Reentry w/pulling unit

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

3474' GR

22. APPROX. DATE WORK WILL START\*

May 1, 1987

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#	415'	100 sacks
12 1/4"	8-5/8"	32# & 24#	3,450'	3050 sacks
7-7/8"	5-1/2"	17# & 20#	9,400'	250 sacks

This well was originally drilled to a total depth of 11,816' in November, 1977 - January, 1978 by Petroleum Reserve Corporation. The well was plugged in January, 1978. It is proposed that the well be reentered and the cement plugs, as outlined and shown on Exhibits E.1 thru E.9 respectfully, be drilled out to approximately 9400'. The pay zone(s) will be selectively perforated and stimulated for optimum production after running 5 1/2" casing as indicated above.

Attached are:

- (1) Well Location and Acreage Dedication Plat (C-102)
- (2) Supplemental Drilling Data
- (3) Surface Use Plan

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

TITLE Jackie Midkiff/Prod. Clerk

DATE 4/3/87

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side