

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-815-25843

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
ZONES ☐

2. NAME OF OPERATOR

Manzano Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 2107 Roswell, NM 88202

NOV 25 '87

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

At surface

2130' FNL & 1980' FEL

At proposed prod. zone

Same

O. C. D.
ARTESIA, OFFICE

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

7 miles south of Loco Hills, NM

15. DISTANCE FROM PROPOSED*

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

1980'

16. NO. OF ACRES IN LEASE

1751.53

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*

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

1328'

19. PROPOSED DEPTH

8250'

20. ROTARY OR CABLE TOOLS

Rotary

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

3471' GL

22. APPROX. DATE WORK WILL START*

November 25, 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#	400'	350 sx "C" Circulated
12 1/4"	8 5/8"	32 #	2950'	1350 sx Circulated
7 7/8"	5 1/2"	17 & 20#	8250'	350 sx 50/50 Poz

Mud Program:

0' - 400' Spud mud with native mud.
400' - 2950' Brine water native mud, 9-9.5 ppg, Vis. 30-35, no W/L control.
2950' - 7000' Fresh water mud, 9-9.5 ppg, Vis 30-35, no W/L control.
7000' - 8250' Cut brine water mud, 9-9.5 ppg, Vis 30-35, WL 20 cc or less.

BOP Program:

3000 psi 900 Series Shaffer double hydraulic operated BOP will be used
and tested daily. See Exhibit "E".

Agent for:

SIGNED

TITLE

Manzano Oil Corporation

DATE

November 20, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

11-24-87