

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)30-025-29543
5. LEASE DESIGNATION AND SERIAL NO.
NM-57285

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

7. UNIT AGREEMENT NAME

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Manzano Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 571 Roswell, New Mexico 88201

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

At surface

1860' FSL & 1980' FEL,

At proposed prod. zone

Same

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

23 miles west of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED*

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

780'

16. NO. OF ACRES IN LEASE

1280(840 farm out)

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.

N/A

19. PROPOSED DEPTH

11,800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3768 GL

22. APPROX. DATE WORK WILL START*

December 15, 1985

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"	24-32 #	4000'	1600 Sx Cl. "C"/Hal Circ 125 Sx
7 7/8"	5 1/2"	17-23 #	11,800'	850 Sx Cl. "H" run past 1st perms.

Mud Program: 0' - 400' Spud mud with multimull
400' - 5200' Native mud, 9-10 ppg, Vis. 31-32, no WL control.
5200' - 8600' Fresh Water mud, 8.5-9.5, Vis. 28-30, no WL control.
8600' - 11,800' Brine Water, 9-10 ppg, Vis. 34-36, WL 15 cc or less.

BOP Program: A 5000 PSI 900 Series Shaffer double hydraulic operated BOP will be used
and tested daily. See Exhibit "E".

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.

Agent for:

SIGNED Margaret L. SmithTITLE Manzano Oil CorporationDATE Nov. 27, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 12-11-85

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED