

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

Manzano Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 571

Roswell, NM 88202

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

At surface

2310' FNL & 1940' FEL unit G

At proposed prod. zone

Same

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

26 miles west of Hobbs, NM

10. DISTANCE FROM PROPOSED*

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

700'

16. NO. OF ACRES IN LEASE

320

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.

1300'

19. PROPOSED DEPTH

5150'

20. ROTARY OR CABLE TOOLS

Rotary

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

3707.1

22. APPROX. DATE WORK WILL START*

May 14, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1350'	500 sx "C" circ. to surf.
7 7/8"	5 1/2"	15.5-20#	5150'	750 sx 50/50 poz-tie back

MUD PROGRAM: 0' - 1350'
1350' - 5000'
5000' - 5150'

Spud mud & native mud, no W/L control.
Cut brine water and native mud, mud wt. 9.0-9.5, Vis. 30-32.
No W/L control except thru the Queen for resistivity logs.
Cut brine native mud, mud wt. 9.0-9.5, Vis. 36-38, no W/L control. Mudding up to clean hole for logs.

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

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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

George J. Smith

Agent for:

TITLE Manzano Oil Corp.

DATE April 9, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AREA MANAGER

CARLSBAD RESOURCE APT

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

4-27-90

*See Instructions On Reverse Side

RECEIVED

APR 30 1990

DDP
HUMAN RESOURCES