

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ Re-entryDEEPEN ☐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

660' FNL & 660' FEL

At proposed prod. zone

Same

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

7 miles southwest of Maljamar, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

none

16. NO. OF ACRES IN LEASE

80

19. PROPOSED DEPTH

8550'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary workover rig

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

3751.4

22. APPROX. DATE WORK WILL START*

December 15, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Existing down-	11 3/4"	42#	700'	520 sx "C" circulated
hole casing	8 5/8"	32#	2424'	1850 sx "C" circulated
" "	5 1/2"	15#	4971'	1330 sx "C"
New casing	4 1/2"	10.5#	8550' (max)	350 sx Class "C"

Well originally drilled by Amoco Production Co. on 6/23/82 to a T.D. of 8850' and was plugged, with dry hole marker set on 8/28/85. Plan to re-enter and test the Bone Springs between 8030' and 8088' after drilling out plugs.

Mud Program:

0' - 4971' Drill out cement plugs. See Exhibit "B".
4971' - 8550' Below 5 1/2" casing, will drill with fresh water and native mud to clean up hole and drill out plugs as shown on Exhibit "B".

BOP Program: Will install and test daily a 3000# wp Schaeffer type E 10" hydraulic BOP.

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 prevention program, if any.

24.

Agent for:

Manzano Oil Corp.

DATE November 27, 1987

SIGNED

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

12-4-87

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.