

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Corp.

3. ADDRESS OF OPERATOR

P.O. Box 571, Roswell, New Mexico 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surfaceAt proposed prod. zone
Same
860' FSL & 660' FWL SW/SW Unit letter M

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

3 air miles SSE of Maljamar, New Mexico.

15. DISTANCE FROM PROPOSED*

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

18. DISTANCE FROM PROPOSED LOCATION*

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

N/A

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

3809.5' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4" 11.0"	8 5/8"	23#	350'	Circulate
7 7/8"	4 1/2"	9.5#	4500'	Cement to Base of salt and to isolate all oil, gas and water zones.

Proposed plans are to drill to the Queen Formation
and test for commercial production of oil and gas.

Designation of Operator from Anadarko is attached.

B.O.P. diagram is attached.

5. LEASE DESIGNATION AND SERIAL NO.

NM-45224

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Anadarko Federal

9. WELL NO.

UNDESIGNATED
Shinnery Queen11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 13 T-18-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

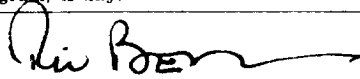
22. APPROX. DATE WORK WILL START*

June 30, 1986

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 Agent

DATE June 27, 1986

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

6-27-86