

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

e-SF

30-015-20877

5. LEASE DESIGNATION AND SERIAL NO.

NM-56530

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Radke Federal

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 8-T21S-R27E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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, New Mexico 88201

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

At surface

660' FNL & 1650' FEL

At proposed prod. zone

Same

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

5 miles north of Carlsbad, NM

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

160

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.

700'

19. PROPOSED DEPTH

7600'

20. ROTARY OR CABLE TOOLS

Rotary work over

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

3275' GL

22. APPROX. DATE WORK WILL START*

October 26, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Existing down-	13 3/8"	48#	605'	650 sx circ.
hole casing	9 5/8"	40#	2600'	1400 sx circ.
"	7"	23# & 26#	5173' to 11640'	131 joints removed.
new 7 7/8"	4 1/2"	10.5#	7600'	350 sx class "C"

Mud Program:

0' - 2650' Drill cement plugs: 2550' - 2650' and at surface.
2650' - 7600' Below intermediate casing, will drill with fresh water and
native mud to clean up hole and drill out plugs at 3900'
and 5100'.

BOP Spec.:

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

Armon: 10/15/87 - 10/15/87 - 10/15/87
170-11640' 10/15/87

RECEIVED

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:

Manzano Oil Corporation

DATE October 15, 1987

SIGNED

TITLE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

10-23-87