

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OFFICE FOR THE
OF COPIES REQUIRED
(Other instructions on
reverse side)

30-025-31738

BLM Roswell District
Modified Form No.
NM60-3160-2

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

3a. Area Code & Phone No.

505/623-1996

3. ADDRESS OF OPERATOR

P. O. Box 2107

Roswell, NM 88202

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

At surface

990' FNL & 990' FEL unit A

At proposed prod. zone

Same

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

23 miles south of Maljamar, NM

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

990'

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.

1043.55'

19. PROPOSED DEPTH

5800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3578' GL

22. APPROX. DATE WORK WILL START*

September 7, 1992

23.

PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash / R-111-P Potash

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	J-55	LTC	365'	Circ 300 sx C
12 1/4"	8 5/8"	24#	J-55	LTC	4200'	Circ 1800 sx*
7 7/8"	5 1/2"	15.5#	J-55	LTC	5800'	300 sx "H" (the back)

Mud Program:

0' - 365': Fresh water spud mud:

Mud Wt.

9.0-10.0 ppg

Vis.

28-30

W/L Control

No W/L cont.

365' - 4200': Cut brine w/gel & w/LCM:

9.0-10.0 ppg

30-32

No W/L cont.

4200' - 5800': Salt water gel:

9.8-10.0 ppg

30-32

W/L cont. 15cc

PH = 10 in fresh water mud and 9.5-10.5 in brine mud.

BOP Program:

A 10" 3000 psi wp Shaffer Series 900 BOP will be installed on the 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". BOP will be used as a 2000 psi wp system and will be tested daily. No high pressure gas known to be in the area at this depth. See exhibit "E".

*Note: 1400 sx lite and 400 sx "C" circulated.

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.

Agent for:

Manzano Oil Corp.

August 13, 1992

SIGNED

George R. Smith

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

9-15-92

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

RECEIVED

SEP 21 1992

JOHN HOBBS OFFICE