

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

N. M. OIL CONS. COM'Y
P. O. BOX 1000
HOES, NEW MEXICO
88240

Form approved.
Budget Bureau No. 42-B1425.

30-025-28473

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

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P.O. Box 1933 Roswell, NM 88201

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

At surface

2080' FSL & 1980' FWL

At proposed prod. zone

Same

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

Approx. 6 1/4 Miles south of Maljamar

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1980'

18. DISTANCE FROM PROPOSED LOCATION*

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

1320'

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

3871.4' GL

16. NO. OF ACRES IN LEASE

321.22

19. PROPOSED DEPTH

9700'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

As soon as possible

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48	650	Circulate
11	8 5/8	24-28	3600	Circulate
7 7/8	5 1/2	15.5-17	9650	Sufficient to cover 600' above pay zone

Mud Program:

0 - 650' Spud Mud
650' - 3600' Brine Water
3600' - 6150' Fresh Water
6150' - 9650' Salt base mud system



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

Ray T. [Signature]

TITLE

Reservoir Engineer

DATE

September 23, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

C. A. [Signature]

TITLE

DATE

11/4/83

CONDITIONS OF APPROVAL, IF ANY

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED