

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-035-28793
5. LEASE DESIGNATION AND SERIAL NO.
NM-18232-40453

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, New Mexico 88201

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

At surface 1650' FNL & 1980' FWL

At proposed prod. zone 1650' FNL & 1980' FWL

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

Approximately 6 miles south of Maljamar, NM

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

1650'

16. NO. OF ACRES IN LEASE

80

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.

2640

19. PROPOSED DEPTH

9200'

20. ROTARY OR CABLE TOOLS

Rotary

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

3818.9

22. APPROX. DATE WORK WILL START*

As soon as possible

23.

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	54.5#	300' 600'	Circulate
11	8 5/8	24#-28#-32#	2500	Circulate
7 7/8	5 1/2	10.5#-11.6#	9200	Suff to cover 600' above payzone

MUD PROGRAM:

0 - 300 Fresh Water Gel/Soda Ash & Paper
300 - 2500 Brine Water
2500 - 8700 Fresh Water Gel - Drispac



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

Peck Handee

TITLE Engineer

DATE 3/27/84

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

Don Wood

TITLE

APPROVAL DATE
AREA MANAGER
CARLSBAD RESOURCE AREA

DATE

6-29-84

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

100-200000

RECEIVED

JUL 2 - 1984

CHIEF
HOMES OFFICE

100-200000
100-200000
100-200000
100-200000
100-200000