

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 ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P. O. Box 1933, Roswell, New Mexico 88203

4. LOCATION OF WELL (Report location clearly and in accordance with any State Geological Survey rules, New Mexico)

At surface

1980' FNL &amp; 1980' FEL

At proposed prod. zone

Same

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

Approximately 6 miles south of Maljamar, N.M.

15. DISTANCE FROM PROPOSED\*

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

1980'

16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION\*

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

1320'

19. PROPOSED DEPTH

9500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3849.0' GR

22. APPROX. DATE WORK WILL START\*

January 15, 1981

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#	650'	Circulate
11"	8 5/8"	24#-28#	4650'	Circulate
7 7/8"	4 1/2"	11.6#	9500'	Sufficient to cover 600' above pay zone

MUD PROGRAM: 0 - 650' Spud Mud  
650' - 4650' Brine Water  
4650' - 9500' Fresh Water Gel

SURFACE OWNER REQUIREMENTS: Restore land to meet the Bureau of Land  
Management requirements.

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

Vice President

DATE

12/22/80

(This space for Federal or State office use)

PERMIT NO.

LOG. 8-11 GEORGE H. STEWART

APPROVAL DATE

TITLE

GEOLOGICAL SURVEY

DATE

JAN 13 1981

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY: