

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

C/SF

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 ☐SING
WELL ☐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

1980' FWL & 660' FSL

At proposed prod. zone Same

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

8 miles east of Loco Hills, NM

5. DISTANCE FROM PROPOSED*

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

660'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

12,290

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3767.2 GL

22. APPROX. DATE WORK WILL START*

3/7/82

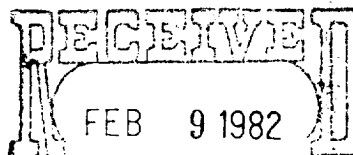
23.

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"	48#	730'	Circulate
11"	8 5/8"	24 - 32#	4800'	Circulate
7 7/8"	5 1/2"	17#	12300'	Sufficient cement to cover 600' above Top of Payzones

0- 730' Spud Mud
730- 4800 Brine Water
4800- 9000 Fresh Water
9000- 10200 Brine Water
10200- 12300 SW Gel/Driscap.

GAS NOT DEDICATED

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICOPosted ID-1
API + NL Book
3-5-82

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zones 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

Engineer

DATE

2/8/82

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL

(Orig. Sgd.) ROGER A. CHAPMAN

MAR 2 1982

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

TITLE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

DATE

*See Instructions On Reverse Side