

Form 9-331 C  
(May 1963)

SUBMIT IN TRIPLICATE\*

(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.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

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Harvey E. Yates Company, Inc.,

## 3. ADDRESS OF OPERATOR

Suite 1000 Sec. Nat'l Bank Bldg., Roswell, New Mexico

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

At surface

1980' FNL &amp; FWL

At proposed prod. zone same

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

11 miles Northeast of Carlsbad

15. DISTANCE FROM PROPOSED\* 1980'  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

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

3960'

## 19. PROPOSED DEPTH

12,000'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

## 22. APPROX. DATE WORK WILL START\*

January 1976

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 20"          | 20"            |                 | 30'           | circulate          |
| 17 1/2"      | 13 3/8"        | 48#             | 700'          | 600 sx             |
| 12 1/4"      | 9 5/8"         | 36#             | 3200'         | 1175 sx            |
| 8 3/4"       | 5 1/2"         | 20#             | 3200'         | 500 sx             |
|              | 5 1/2"         | 17#             | 8800'         |                    |

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

*Fred Yates*

TITLE

Vice President

DATE

12/17/75

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANYSUBJECT TO ATTACHED DEEP WELL CONTROL  
REQUIREMENTS DATED JUN 22 1973

TITLE

APPROVAL DATE

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES APR 13 1976

See Instructions On Reverse Side

NOTIFY USGS IN SUFFICIENT TIME TO  
WITNESS CEMENTING THE 13 3/8" & 17 1/2" CASING.  
DECLARED WATER BASIN  
DATE 12/17/75

RECEIVED

DEC 24 1975

U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICOJAN 14 1976  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICOAPPROVED  
JAN 13 1976  
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