

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

RECEIVED

## 3. ADDRESS OF OPERATOR

112 North First Artesia, NM 88210

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

At surface

1650' FSL &amp; 990' FEL of Section 6, T20S, R27E

At proposed prod. zone

Queen

O. C. C.  
ARTESIA, OFFICE

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

Five (air) miles Southeast of Lakewood, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

## 16. NO. OF ACRES IN LEASE

2551.51

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

660' East

## 19. PROPOSED DEPTH

800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Cable Tool

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

3372

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

On/Before 60 days from date

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8"	24 lb.	300'	100 sacks
8"	7"	22 lb.	800'	50 sacks

Drill to 800' to test the Queen; if oil encountered in paying quantities, plan to set 7" casing through pay, cement and perforate through casing.

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MAY 21 1974  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

Harvey E. Yates

TITLE President

DATE May 20, 1974

(This space for Federal or State office use)

JUN 3 1974

PERMIT NO.

APPROVAL DATE

DISTRICT ENGINEER

APPROVED BY

J. A. Kraft

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.

\*See Instructions On Reverse Side