

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~~ ✓

3. ADDRESS OF OPERATOR

c/o Yates Petroleum Corporation  
207 South 4th Street - Artesia, New Mexico 882104. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

330' FSL &amp; 1650' FWL Sec. 6-T20S-R27E

At proposed prod. zone

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

4 miles SE of Lakewood, New Mexico

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

330'

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

Old Hole

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

900'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Cable Tools

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

3339' DF

22. APPROX. DATE WORK WILL START\*

3-1-71

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8 5/8"	32#	245'	20 SX
8"	6 5/8"	20#	525'	50 SX

Propose to clean hole and deepen for Queen production. Well was originally drilled to 929', was plugged back to 535' and completed for oil production in the Seven Rivers formation 11-8-49.

RECEIVED

FEB 23 1971

N. M. O. C.  
ARTESIA OFFICERECEIVED  
FEB 22 1971  
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

*Edwin L. Biekman*

TITLE

Engineer

DATE

2-22-71

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

FEB 22 1971

H. L. BEEKMAN  
ACTING DISTRICT ENGINEER

\*See Instructions On Reverse Side