

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21097

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
112 North First Street Artesia, New Mex. 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 330' FNL & 330' FEL of Sec. 7, T-20S, R-27E
 At proposed prod. zone
 Queen

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
2,551.51

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

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

19. PROPOSED DEPTH
900'

20. ROTARY OR CABLE TOOLS
Cable Tool

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3,373

22. APPROX. DATE WORK WILL START*
On/Before 60 days fr 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.	900'	50 sacks

Drill to 900' to test the Queen; if oil encountered in paying quantities, plan to set 7" casing through pay, cement and perforate through casing.

RECEIVED
FEB 12 1974

RECEIVED
FEB 4 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 Assistant Secretary DATE 1/30/74

(This space for Federal or State office use)

APPROVED
FEB 12 1974
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS NOT COMMENCED WITHIN 3 MONTHS.
*See Instructions On Reverse Side
MAY 12 1974

CEMENT BEHIND THE 8" CASING MUST BE CIRCULATED