

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23306

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

O. C. D.

3. ADDRESS OF OPERATOR

ARTESIA, OFFICE

P. O. Box 1933, Roswell, N. M. 88201

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

At surface

660' FSL & 1650' FEL

At proposed prod. zone

Same

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

18 miles east of Artesia, N. M.

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

1861.21

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.

330'

19. PROPOSED DEPTH

11,200'

20. ROTARY OR CABLE TOOLS

Rotary

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

3633.7' GL

22. APPROX. DATE WORK WILL START*

April 20, 1980

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#	350'	Circulate
12-1/4"	8-5/8"	24#, 32#	2900'	Circulate
7-7/8"	5-1/2"	17#	11,200'	Sufficient to cover 600' above pay

Mud Program: 0' - 8000' Fresh Water
8000' - 10,500' Cut Brine
10,500' - 11,200' Brine Polymer Mud System

RECEIVED

APR 2 1980

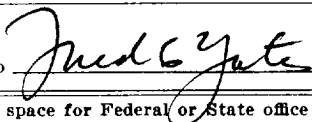
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

This acreage is not dedicated to a pipeline purchaser.

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



TITLE Vice President

DATE 4-2-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

4-20-80

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Subject to Case 6873
NSL 2-6341

*See Instructions On Reverse Side