

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

P. O. Box 1933, Roswell, New Mexico 88201

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

At surface

2970' FEL & 660' FSL

At proposed prod. zone Same

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

11 miles northeast of Carlsbad, N. M. ARTESIA OFFICE

15. DISTANCE FROM PROPOSED*

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

900'

16. NO. OF ACRES IN LEASE

315.15

19. PROPOSED DEPTH

3500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3236.68' GL

22. APPROX. DATE WORK WILL START*

October 15, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	20#	325'	120 SM
7 7/8"	4 1/2"	9.5#	3500'	250 SM Cement to open 1000' *

Mud program: Fresh water system from surface to 3100'
Fresh water mud system from 3100' to 3500'

BOP program: Schaffer Type E 10" Series 900 Hydraulic Blowout Preventer will be used.

RECEIVED

SEP 29 1977

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

Vice President

DATE

September 27, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

THIS APPLICANT IS REQUIRED TO OPERATIONS
FOR A PERIOD OF 12 MONTHS.
D.D. 1978

*See Instructions On Reverse Side

*ARTESIA WATER BASIN
Casing must be circulated
1.5 to 2.0 hours 100 c.
1.5 to 2.0 hours 100 c.
1.5 to 2.0 hours 100 c.
1.5 to 2.0 hours 100 c.