

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-015-22370

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 ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

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

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

At surface

1980' FSL & 1980' FEL

At proposed prod. zone

Same

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

19 Miles east of Artesia

O. C. C.
ARTESIA, OFFICE

10. 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

80

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.

Approx. 1320'

19. PROPOSED DEPTH

11,400'

20. ROTARY OR CABLE TOOLS

Rotary

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

3573.9' GL

22. APPROX. DATE WORK WILL START*

12-10-77 / 1-20-77

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	12 3/4"	30#	400'	Circulate
11"	8 5/8"	24#, 28#	3500'	400 Sx
7 7/8"	5 1/2"	17#	11,400'	Sufficient to cover pay

BOP Program: One Shaffer LWS hydraulic double 10" X 1500 Series. One Shaffer spherical 10" X 1500 Series. Choke manifold 4" X 1500 Series flanged connections, Payne 4 valve accumulator closing unit.

Mud Program: Fresh water system from surface to 8000'
Cut brine system from 8000' - 10,500' 2% KCL
Mud system 10,500' - 11,400' - 5% KCL, 6 cc water loss control, mud weight 9.2#/gal, viscosity 34-36.

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

Indy Yates

TITLE

Vice President

DATE

11-10-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 5 - 1977

APPROVED BY

Joe S. Lara

TITLE

ACTING DISTRICT ENGINEER

DATE

DEC 5 - 1977

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RECORDED IN OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES

MAR 5 - 1978

*See Instructions On Reverse Side