

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22355

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

SING
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Harvey E. Yates Company ✓

NOV 3 1977

3. ADDRESS OF OPERATOR

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

U.S. GEOLOGICAL SURVEY

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

At surface

1980' FEL & 660' FNL

ARTESIA, NEW MEXICO

RECEIVED

At proposed prod. zone

Same

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

19 Miles east of Artesia, N. M.

NOV 22 1977

10. DISTANCE FROM PROPOSED*

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

3300'

16. NO. OF ACRES OF LEASE

1270.82

17. NO. OF ACRES ASSIGNED

320

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

430'

19. PROPOSED DEPTH

11,500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3639' GL

22. APPROX. DATE WORK WILL START*

November 20, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	12 3/4"	34#	400'	Circulate
11"	8 5/8"	24#, 28#	4800'	400 Sx
7 7/8"	5 1/2"	17#	11,500'	Sufficient to cover producing intervals

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' - 11,500' - 5% KCL, 6cc water loss control, mud weight 9.2#/gallon, 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 Paul G. Yates TITLE Vice President DATE 11-2-77
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE NOV 21 1977
APPROVED BY Lee J. Lara TITLE ACTING DISTRICT ENGINEER DATE NOV 21 1977
CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES FEB 21 1978 *See Instructions On Reverse Side