

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 330' FSL & 990' FEL

At proposed prod. zone Unit Ltr. P

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

9 miles S & E of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 330'

18. DISTANCE FROM PROPOSED LOCATION*

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

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

3716 GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	353'	250 SXS TOC-surface
7 7/8	5 1/2	17#	5410'	2025 SXS TOC-surface

- 1) Hot water casing 2 days prior to moving on well.
- 2) Pull out of hole w/rods and pump.
- 3) Unset anchor and pull out of hole w/tbg and anchor.
- 4) Install full lubricator and load hole w/1/2% KCL water.
- 5) Perf 1 JSPF @ 4312', 14', 16' and 4407', 08', & 4410'.
- 6) Go in hole w/RBP, packer and tbg, set RBP CIBP @ 5000+
- 7) Acidize w/300 gals 15% SRA followed w/1200 gals same & BS.
- 8) Swab to recover load.
- 9) Frac perfs (4312-4410') w/40,000 gals WF45 and 60,000# 16-30 Ottawa.
- 10) Flow back frac to pits and go in hole and rev. out sand.
- 11) Run tbg. anchor pump and rods and hang on production.
- 12) Turn over to pumper.

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 Reservoir Engineer/Manager

DATE May 20, 1988

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side