

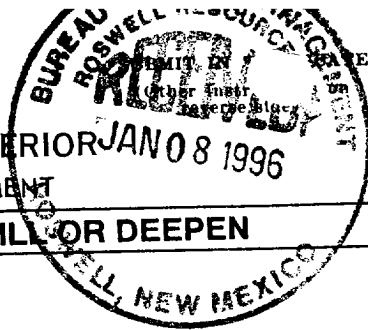
# N. M. Oil Cons. Division

811 S. 1ST ST.

Form 3160-3  
(July 1992)

ARTESIA, NM 88210-20

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

### APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

10179

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1933, Roswell, N.M. 88202 505/623-6601

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

At surface 990' FNL & 1980' FEL

At proposed prod. zone

same

Unit B

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

Approximately 2 miles NW of Alamo Mtn.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

990

(Also to nearest drig. unit line, if any)

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

330

19. PROPOSED DEPTH

6400'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

rotary

22. APPROX. DATE WORK WILL START

ASAP

23.

#### PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/4"	8 5/8"	32# ST&C J55 8rd	900'	350 sks Cl "C" w/2% Cacl & 1/4# celloseal/sk
7 7/8"	4 1/2"	11.5# LT&C J55	6400'	*625 sks lead & **300 sks tail

All csg will be new, or used meeting BIM specs.

Qnt quantities & additives are subject to change due to the hole conditions

\* 625 sks 35/65 poz: C w/6% gel, 5# salt & 1/4# cellophane

\*\* 300 sks Cl "C" w/3% salt, .4% FL, .2% Disp & 1/4# cellophane

#### PROPOSED MUD PROGRAM:

Surface to ?

? to TD

Air drill until hole dictates otherwise

Fresh water system w/shale guard, ammonia nitrate & sweeps to clean hole, should mudup be required, drispac & shale guard, 8.6-8.8 ppg, 32-40 Visc, 12-15 cc wtr loss

Mud program subject to change due to hole conditions.

Part ID-1  
2-14-96

New L&C & A/E

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Bob Williams Bob Williams TITLE Drilling Superintendent DATE \_\_\_\_\_

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL AND SPECIAL DRILLING STIPULATIONS ATTACHED.

APPROVED BY

Lena J. M. Murphy

TITLE

Area Manager

DATE

5-24-96

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the