

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARTESIA, OFFICE

RECEIVED  
SUBMIT IN TRIPLICATE\*

JUL 30 1991

30-015-26802 d5f

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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, N.M. 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1980' FNL & 1980' FEL; Unit G  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
23 miles east of Carlsbad, N.M.

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  
640.29

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2598

19. PROPOSED DEPTH  
7500

20. ROTARY OR CABLE TOOLS  
rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3192.4 GL

22. APPROX. DATE WORK WILL START\*  
ASAP

5. LEASE DESIGNATION AND SERIAL NO.  
NM-43552

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Donnell  
Donell 3 Federal

9. WELL NO.  
#1

10. FIELD AND POOL, OR WILDCAT  
Cabin Lake Delaware

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 3, T22S, R30E

12. COUNTY OR PARISH  
Eddy

13. STATE  
N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash/ 2111-P Potash

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	54.5	400	Circ to surface
12 1/4	8 5/8	32	3600	Circ to surface
7 7/8	5 1/2	17	7500	500' above pay (tieback)

MUD PROGRAM:

0 - 400 FW  
400 - 3600 BW  
3600 - 7500 FW to 7500'

Post ID-1  
8-9-91  
New loc & API

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 Vickie Teel V. Teel TITLE Production Analyst DATE 6/27/91

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY Donnell TITLE CAS. SEAD. RESOURCE ANAL. DATE 7-24-91

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

\*See Instructions On Reverse Side