

N. M. OIL & GAS COMMISSION
 P. O. BOX 30
 HOBBS, NEW MEXICO 88240
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

SUBMIT IN TR ATE*
 (Other instructions on reverse side)

Form approved.
 Budget Bureau No. 42-R1425.

30-025-28535

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
 660' FSL & 1980' FWL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approx 4 miles to McDonnald, New Mexico

15. 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 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3810'
 19. PROPOSED DEPTH 13,900'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4021' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17 1/2"	13 3/8"	48#	360'
11"	8 5/8"	24,32#	4500'
7 7/8"	5 1/2"	17,20#	13900'

5. LEASE DESIGNATION AND SERIAL NO.
 NM-16648
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 Duncan Unit
 8. FARM OR LEASE NAME
 9. WELL NO.
 3
 10. FIELD AND POOL, OR WILDCAT
 Wildcat
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 26, T-13S, R-35E
 12. COUNTY OR PARISH
 Lea
 13. STATE
 NM

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 As soon as possible

Sufficient cement to cover 600' above pay zone

RECEIVED
 DEC 8 1 37 PM '83
 BUR. OF LAND MANAGT
 ROSWELL DISTRICT

MUD PROGRAM

0 - 360' Spud Mud
 360 - 4500' Brine
 4500 - 13900' Fresh Water

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 Janet L. Dietler TITLE Reservoir Engineer DATE 12/1/83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY *Orig. Sgd. Earl R. Cunningham TITLE District Manager DATE DEC 13 1983

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS
 ATTACHED

*See Instructions On Reverse Side

DEC 14 1983

U.S. HOUSE OF REPRESENTATIVES