

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instr. on reverse side)

30-025-28297

5. LEASE DESIGNATION AND SERIAL NO.
300-38467

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
West Lynch 30

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat *Leary, Sr*

11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA
Sec. 30, T-20S, R-34E

12. COUNTY OR PARISH

13. STATE
NM

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' FNL & 1650' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
8.5 miles SE of Halfway

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
330'

16. NO. OF ACRES IN LEASE
160

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.
660'

19. PROPOSED DEPTH
3550

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3662.3 GR

22. APPROX. DATE WORK WILL START*
Within the next two weeks

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	1500	800 sx C1 "C" w/2% CaCl 1/4# Flocc
7 7/8	5 1/2	15.5	3500	725 sx HLW & 100 sx C1 "C"
				(Circ to surface)

MUD PROGRAM

0-1500 Spud w/FW Gel/Lime slurry. Maintain 32-34 sec/1000 cc Viscosity. Add multi Mul & Dicks Mud Seal.

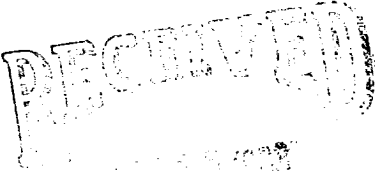
1500-3000 Brine Water. 28 Vis. No WL control.

3000-TD Mud up w/32-34 Vis. 15-20 cc Fluid Loss.

MUD WEIGHT

0-1500 MW-8.6-10.1

1500-TD MW-10.0-10.1



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 depth. Give blowout preventer program, if any.

24. SIGNED *Paul J. Lander* TITLE Engineer DATE 6/13/83

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side