

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-53381		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Harvey E. Yates Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P.O. Box 1933, Roswell, New Mexico 88202			8. FARM OR LEASE NAME Caviness 11 Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FWL & 990' FNL At proposed prod. zone same			9. WELL NO. #3		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 1/2 miles S.E. of Maljamar, NM			10. FIELD AND POOL, OR WILDCAT Mescalero Escarpe		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330		16. NO. OF ACRES IN LEASE 120	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. 1320		19. PROPOSED DEPTH 9500	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4043.4 GL			22. APPROX. DATE WORK WILL START* ASAP		

PROPOSED CASING AND CEMENTING PROGRAM

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 & 24	3150	Circ to surface
7 7/8	5 1/2	17	9500	600' above pay

MUD PROGRAM

0 - 400 FW w/paper
400 - 3150 Brine water
3150 - 9500 FW mud

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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 prevention program, if any.

SIGNED Y. M. Young NM Young TITLE Drilling Superintendent DATE 5/25/89

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE Barclay Resource DATE 6-23-89

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side