

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 type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-55145	
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 Querecho Plains 22 Fed.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' FNL & 990' FWL At proposed prod. zone same			9. WELL NO. #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 Miles South of Maljamar, New Mexico			10. FIELD AND POOL, OR WILDCAT Querecho Plains Penn	
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 40	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. N-A		19. PROPOSED DEPTH 11,900	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3781.8 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
11	8 5/8	24 & 32	2800	Circ to surface
7 7/8	5 1/2	17 & 20	11,900	600 ft above pay

Mud Program

0 - 400 F.W. & Paper
400 - 2800 Salt Water
2800 - 10,000 F.W.
10,000 - 11,900 F.W. Gel

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.

24. SIGNED A. M. Young NM Young TITLE Drilling Superintendent DATE 1/22/88
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 2-26-88
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED
FEB 29 1988
OCD
HOBBS OFFICE