

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-63365	
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 88201			8. FARM OR LEASE NAME Tank 1 Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FSL & 990' FWL At proposed prod. zone same			9. WELL NO. #2	
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 N. Young Bone Springs	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 330			11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 1, T18S, R32E	
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH 13. STATE Lea NM	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320			17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. PROPOSED DEPTH 9500			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3892.4 GL			22. APPROX. DATE WORK WILL START* As Soon As Possible	

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	2850	Circ to surface
7 7/8	5 1/2	17	9500	+600 ft above pay zone

Mud Program:

0 - 400 Fresh water
400 - 2850 Brine water
2850 - 9500 Fresh water w/sweeps

RECEIVED
OCT 9 11 05 AM '87
CARLSBAD RESOURCE
AREA HEADQUARTERS

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.

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SIGNED [Signature] NM Young TITLE Drilling Superintendent DATE 10/6/87
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 10-19-87
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side