

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 type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC 064009-D	
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 Young Deep Unit	
3. ADDRESS OF OPERATOR P.O. Box 1933, Roswell, New Mexico 88201			8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL & 860' FEL At proposed prod. zone Same			9. WELL NO. 8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 6 1/2 miles south of Maljamar			10. FIELD AND POOL, OR WILDCAT North Young Bone Springs	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T18S, R32E	
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1335			20. ROTARY OR CABLE TOOLS Rotary 8710 - TD	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3844.3 GR			22. APPROX. DATE WORK WILL START* On approval	

23. 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"	48#	666'	750 SXS
11"	8 5/8"	24-32#	3600'	1500 SXS
7 7/8"	5 1/2"	15.5-17#	8710'	350 SXS

HEYCO proposed to deepen the Young Deep Unit #8 from 8710' to 9000'+, log the well and then drill an extended drain hole laterally from the well bore for a distance of 300 to 400 feet. HEYCO has made application for hearing and will present data at hearing on September 23, 1987 before the OCD in Santa Fe.

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 Ray L. [Signature] TITLE Production Manager/Engineer DATE September 14, 1987

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 10-1-87
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED
OCT 5 1987
CCD
HOBBS OFFICE

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