

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 33047	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR J. Gregory Merrion and Robert L. Bayless			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 507, Farmington, NM 87401			8. FARM OR LEASE NAME H1 Roll	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 790 FSL and 1450 FEL At proposed prod. zone same			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14 miles south of Farmington			10. FIELD AND POOL, OR WILDCAT WAW Fruitland Pic. Cliff	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790 ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T27N, R13W	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2400 ft.			12. COUNTY OR PARISH San Juan	
16. NO. OF ACRES IN LEASE 640			13. STATE N.M.	
19. PROPOSED DEPTH 1300 ft.			17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
20. ROTARY OR CABLE TOOLS Rotary			22. APPROX. DATE WORK WILL START* June 26, 1979	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5998 ft. GL				
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	5-1/2"	15.5#	30'	10 sacks
4-3/4"	2-7/8"	6.4#	1300'	100 sacks

Propose to plug back by placing cement plug from 1189' to 1177' per Induction Log on top of swabbing tools left in hole. Will then perforate and stimulate the Fruitland from 1119' to 1123' per Induction Log and test.



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. Original Signed
SIGNED J. Gregory Merrion TITLE Co-Owner DATE June 26, 1979

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side