

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK				5. LEASE DESIGNATION AND SERIAL NO.	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				NM-27970	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR MESA PETROLEUM CO.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1000 VAUGHN BLDG./MIDLAND, TEXAS 79701-4493				8. FARM OR LEASE NAME COYOTE FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 1980' FWL NE/SW 4 At proposed prod. zone SAME				9. WELL NO. 8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 26 miles north of Roswell, New Mexico				10. FIELD AND POOL, OR WILDCAT UNDESIGNATED ABO	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'/660'				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 20, T7S, R25E	
16. NO. OF ACRES IN LEASE 1600				12. COUNTY OR PARISH CHAVES	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160				13. STATE NEW MEXICO	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1880'				20. ROTARY OR CABLE TOOLS ROTARY	
19. PROPOSED DEPTH 4100'				22. APPROX. DATE WORK WILL START* NOVEMBER 21, 1981	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3865' GR					
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#	900'	SURFACE	
11"	8 5/8"	24#	1600'	ISOLATE WATER, OIL & GAS	
7 7/8"	4 1/2"	10.5#	4100'	COVER ALL PAY	

Propose to drill 17 1/2" hole to approximately 900' to set 13 3/8" surface casing and cement to surface. Will reduce hole to 11" and drill to approximately 1600' to set 8 5/8" casing. Will nipple up RAM type BOP's, reduce hole to 7 7/8" and drill to total depth. Drilling medium will be air, foam, or mud as required.

Gas Sales are dedicated.

xc: USGS (6), TLS, CEN RCDS, ACCTG, MEC, LAND, PARTNERS, FILE, REM

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 <u>[Signature]</u>		TITLE <u>REGULATORY COORDINATOR</u>		DATE <u>10-20-81</u>
(This space for Federal or State office use)				
PERMIT NO. _____		APPROVAL DATE _____		
APPROVED BY _____		TITLE _____		DATE _____
CONDITIONS OF APPROVAL, IF ANY:				