

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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"/>		3. LEASE DESTINATION AND SERIAL NO. RM-025527-A	
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 Building/ Midland, Texas 79701		8. FARM OR LEASE NAME Maralo Federal Com.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FSL and 660' FWL At proposed prod. zone Same		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8.6 miles southeast of Artesia, New Mexico		10. FIELD AND POOL, OR WILDCAT Undesignated to you Own Hollow Las	
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 BLE AND SURVEY OR AREA Sec. 22-T17S-R27E	
16. NO. OF ACRES IN LEASE 1,160		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3,497.6 GR		22. APPROX. DATE WORK WILL START* June 25, 1979	

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#	300'	350 Sx - Circ to surface
11"	8-5/8"	24#	1700'	600 Sx - LW + 200 Sx
7-7/8"	4-1/2"	10.5-11.6#	9550'	1400 Sx or sufficient to cover pay

Propose to drill surface hole to 300' without BOP's. After cementing casing and installing bradenhead, will nipple up 12' API 3000 psi BOP's and drill intermediate hole to 1700'. Will set 8-5/8" casing and cement with volume adequate to raise cement to surface. Will nipple up 12' API 3000 psi BOP's and drill to total depth with cut brine. Maximum mud weight should not exceed 9.3 ppg based upon similar area wells.

Gas sales are not dedicated.

RECEIVED

JUN 5 1979

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Deborah R. Smith TITLE Agent DATE June 5, 1979

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 7-3-79

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: