

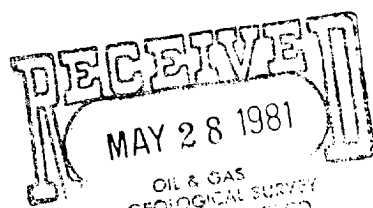
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 0554481
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 Marbob Energy Corporation ✓		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 304, Artesia, N.M. 88210		8. FARM OR LEASE NAME Union Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980 FSL 660 FWL At proposed prod. zone 1980 FSL 660 FWL		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3½ miles East of Carlsbad		10. FIELD AND POOL, OR WILDCAT Esperanza Delaware
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. 11-T22S-R27E
16. NO. OF ACRES IN LEASE 200		12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		14. COUNTY OR PARISH Eddy
19. PROPOSED DEPTH 3450' (clean out)		15. STATE N.M.
20. ROTARY OR CABLE TOOLS Reverse unit		21. APPROX. DATE WORK WILL START* 6/4/81
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3102' GR		

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	421'	200 sax
7 7/8"	4 1/2"	10.50#	3298'	800 sax

Well was drilled to 3600' and plugged back to 3251' (MD) with 4½" set @ 3298'. We now propose to drill out the plug, clean out to 3450', spot acid, come out of hole, set packer at bottom of pipe and acidize w/1000 gallons acid, open hole completion; put on pump.



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 Carol Ann Davis TITLE Production Clerk DATE 5/26/81
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

