

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-028784B
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <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. Drawer 217, Artesia, NM 88210		8. FARM OR LEASE NAME Burch BB Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330 FNL 175 FEL At proposed prod. zone same		9. WELL NO. 37
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* East of Artesia on Hwy. 82 approx. 21.9 miles		10. FIELD AND POOL, OR WILDCAT Grbg Jackson SR Q Grbg SA
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 175'	16. NO. OF ACRES IN LEASE 800	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA A Sec. 23-T17S-R29E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 587'	19. PROPOSED DEPTH 4600'	12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3602.9' GR		13. STATE NM
22. APPROX. DATE WORK WILL START* September, 1993		

PROPOSED CASING AND CEMENTING PROGRAM						
HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	J-55	LTC	350'	300 sx Class C
7 7/8"	5 1/2"	17#	J-55	LTC	4600'	1100 sx Class C

Pay zone will be selectively perforated and stimulated as needed for optimum production.

- Attached are:
1. Location & Acreage Dedication Plat
  2. Supplemental Drilling Data
  3. Surface Use Plan

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. Thonda Nelson SIGNED Production Clerk TITLE 6/7/93 DATE

(This space for Federal or State office use)

PERMIT NO. 15/Scott Powers APPROVAL DATE 7-28-93  
APPROVED BY AREA MANAGER TITLE 7-28-93 DATE  
CONDITIONS OF APPROVAL, IF ANY:

\* PENDING NSL APPROVAL

\*See Instructions On Reverse Side