

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Marbob Energy Corporation ✓

3a. Area Code & Phone No.
 505-748-3303

3. ADDRESS OF OPERATOR
 P. O. Drawer 217, Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface: 1980 FSL 2615 FEL
 At proposed prod. zone: same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 East of Artesia on Hwy. 82 approx. 21.7 miles

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1980'

16. NO. OF ACRES IN LEASE
 1120

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 449'

19. PROPOSED DEPTH
 4600'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3598.5' GR

22. APPROX. DATE WORK WILL START*
 September, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

RECEIVED
JUL 26 1993
A.C.D.

5. LEASE DESIGNATION AND SERIAL NO.
 LC-028793A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Burch C Federal

9. WELL NO.
 51

10. FIELD AND POOL, OR WILDCAT
 Grbg Jackson SR Q Grbg SA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 23-T17S-R29E J

12. COUNTY OR PARISH
 Eddy

13. STATE
 NM

| HOLE SIZE | CASING SIZE | WEIGHT/FOOT | GRADE | THREAD TYPE | SETTING DEPTH | CIRCULATE |
|-----------|-------------|-------------|-------|-------------|---------------|-----------------|
| 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

Approved Subject to
 General Requirements and
 Special Conditions
 Attached

10-1
 7-30-93
 NCL+API

* PENDING NSL APPROVAL

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 Thonda Nelson TITLE Production Clerk DATE 6/7/93

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY Scott Powers TITLE Acting Area Mgr. DATE 7-21-93
 CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION IS:

Subject to
 State Approval
 By State

*See Instructions On Reverse Side