

UNITED STATES
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-029342 E	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		9. IF INDIAN, ALLOTTEE OR TRIBE NAME 22057	
2. NAME OF OPERATOR Marbob Energy Corporation		7. UNIT AGREEMENT NAME 30-015-29912	
3. ADDRESS OF OPERATOR P. O. BOX 227 Artesia, NM 88210		8. FARM OR LEASE NAME THUNDER ROAD FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990 FNL 2310 FEL UNIT B At proposed prod. zone SAME		10. FIELD AND POOL, OR WILD F GRBG PADDOCK 29260	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE EAST OF ARTESIA ON U.S. 82 HIGHWAY 24.6 MILES APPROX.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 20-T17S-R30E	
16. NO. OF ACRES IN LEASE 80		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. PROPOSED DEPTH 6000'		20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3652' GR		22. APPROX. DATE WORK WILL START NOVEMBER 1, 1997	

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, CIRC
7 7/8"	5 1/2"	17#	J-55	LTC	6000'	1100 SX, ATTEMPT CIRC

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

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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. SIGNER Shonda Nelson TITLE Production Clerk DATE 9/29/97
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
ORIG. SGD: TONY L. FERGUSON ADM MINERALS
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____ DATE 10-28-97