

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL  REOPENED  PLUG BACK

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

2. NAME OF OPERATOR  
 Marbob Energy Corporation ✓ **AUG 30 '94**

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: 25 FNL 1980 FWL, UNIT C  
 At proposed prod. zone: SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 EAST OF ARTESIA ON HWY. 82 APPROXIMATELY 20.6 MILES

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 25'

16. NO. OF ACRES IN LEASE 5129.44

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. 635'

19. PROPOSED DEPTH 4800'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3572' gr

22. APPROX. DATE WORK WILL START\*  
 September 1, 1994

O. C. D. ARTESIA OFFICE  
**NON-STANDARD LOCATION...**  
**... SUBJECT TO LIKE APPROVAL BY STATE**

5. LEASE DESIGNATION AND SERIAL NO.  
 LC-028784C

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 BURCH KEELY UNIT

8. FARM OR LEASE NAME

9. WELL NO.  
 #243

10. FIELD AND POOL, OR WILDCAT  
 GRBG JACKSON SR Q GRBG SA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 28509.  
 SEC. 26-T17S-R29E

12. COUNTY OR PARISH EDDY

13. STATE NM

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	LT&C	350'	300 sx CIRCULATE
7 7/8"	5 1/2"	17#	J-55	LT&C	4800'	1100 sx CIRCULATE

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

Post ID-1  
 9-9-94  
 New Lic & API

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 7/22/94

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE (30)  
 APPROVED BY [Signature] TITLE AREA MANAGER DATE 8-25-94

CONDITIONS OF APPROVAL, IF ANY:  
 APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO OPERATE THEREIN.  
 APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

DISTRICT I  
P.O. Box 1360, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

JUL 22 1994

Form C-102  
Revised February 19, 1994  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28088	Pool Code 28509	Pool Name GRAYBURG JACKSON SEVEN RIVERS QN GRAYBURG SA
Property Code 6497	Property Name BURCH KEELY UNIT	Well Number 243
OGRID No. 14049	Operator Name MARBOB ENERGY CORP.	Elevation 3572'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	26	17 S	29 E		25	NORTH	1980	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature _____</p> <p>RHONDA NELSON Printed Name</p> <p>PRODUCTION CLERK Title</p> <p>JULY 22, 1994 Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JULY 15, 1994 Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor _____</p>
	<p>W.O. Num. 94-11-1232</p>
	<p>Certificate No.      JOHN W. WEST,      676    RONALD J. EIDSON,      3239    GARY L. JONES,      7977</p>

DRILLING PROGRAM  
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No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 8 5/8 casing at 350' and circulating cement back to surface. Any shallower zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across them by inserting a float shoe joint into the 5 1/2" production casing which will be run at TD.

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight, Grade, Jt. Cond. Type</u>			
12 1/4"	0 - 350"	8 5/8"	24#	J-55	LTC NEW	R-3
7 7/8"	0 - TD	5 1/2"	17#	J-55	LTC NEW	R-3

Cement Program:

8 5/8" Surface Casing: Cemented to surface with 300sx of Class C w/2% cc.

5 1/2" Production Casing: Cemented with 1100sx Class C. Will attempt to circulate to surface.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (3000 psi wp) preventer. This unit will be hydraulically operated and the ram-type preventer will be equipped with blind rams on top and 4-1/2" drill pipe rams on bottom. This BOP will be nipped up on the 8 5/8" surface csg and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 1000 psi before drilling out of surface casing.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and a 3" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold with 3000 psi WP rating.