

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPENED ☒

PLUG BACK ☐

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

SEC. 26-T17S-R29E

12. COUNTY OR PARISH

EDDY

13. STATE

NM

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

NON-  
STANDARD  
LOCATION...

... SUBJECT TO  
LIKE APPROVAL  
BY STATE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

EAST OF ARTESIA ON HWY. 82 APPROXIMATELY 20.6 MILES

15. 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

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

635'

19. PROPOSED DEPTH

4800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

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

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 LK & 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.

SIGNED

Thonda Nelson

TITLE Production Clerk

DATE 7/22/94

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Dary Bauers

TITLE

AREA MANAGER

DATE

8-25-94

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 THEREON

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

ATTACHED

Time for any person knowingly and willfully to make to any department or agency of the

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 10, 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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-28088</b>	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

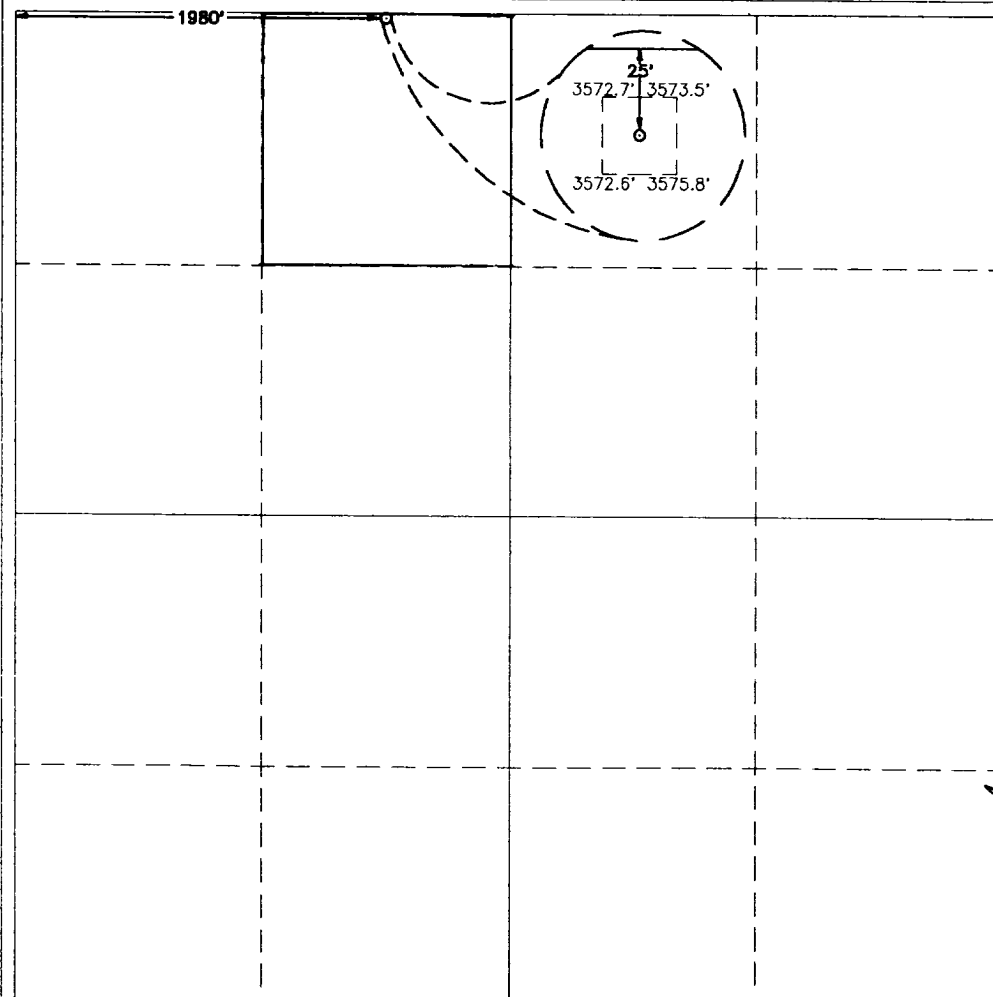
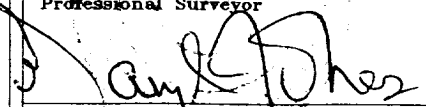
UL or lot No. C	Section 26	Township 17 S	Range 29 E	Lot Idn	Feet from the 25	North/South line NORTH	Feet from the 1980	East/West line WEST	County EDDY
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#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres <b>40</b>	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

	<b>OPERATOR CERTIFICATION</b>  <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature <b>RHONDA NELSON</b> Printed Name <b>PRODUCTION CLERK</b> Title <b>JULY 22, 1994</b> Date	
	<b>SURVEYOR CERTIFICATION</b>  <i>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.</i>  <b>JULY 15, 1994</b> Date Surveyed Signature & Seal of Professional Surveyor  W.O. Num. 94-11-1232 Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY L. JONES, 7977	

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.