

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 88210

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0136

Expires: February 28, 1995

Form 3160-3
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-026973C 028793C		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" 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 BURCH KEELY UNIT		
3. ADDRESS AND TELEPHONE NO. P.O. BOX 227, ARTESIA, NM 88210		8. FARM OR LEASE NAME, WELL NO. BURCH KEELY UNIT #866		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface 330 FNL 1650 FEL At proposed prod. zone SAME		9. API WELL NO. 30-015-30696		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* EAST OF ARTESIA ON US 82 APPROX 20.7 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 drilg. unit line, if any) 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 30-T17S-R30E		
16. NO. OF ACRES IN LEASE 1120		12. COUNTY OR PARISH EDDY		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4800'		20. ROTARY OR CABLE TOOLS ROTARY		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3614' GR		22. APPROX. DATE WORK WILL START* 06/25/99		
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	J-55	24#	350'	300 SX, CIRC
7 7/8"	J-55	17#	4800'	SUFFICIENT TO COVER 200' ABOVE ALL KNOWN O&G HORIZONS

PAY ZONE WILL BE SELECTIVELY PERFORATED AND STIMULATED AS NEEDED FOR OPTIMUM PRODUCTION

ATTACHED ARE: 1. WELL LOCATION & ACREAGE DEDICATION PLAT
2. SUPPLEMENTAL DRILLING DATA
3. SURFACE USE PLAN

***MASTER SURFACE USE PLAN ON FILE AT BLM OFFICE - ROSWELL

Post ID-1
7-16-99
API & Loc

IN ABOVE SPACE DESCRIBE PROGRAM: If proposal is to deepen, 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 Robin Cockerum TITLE PRODUCTION ANALYST DATE 05/25/99

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval 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 conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

Acting

/S/LARRY D. BRAY

Assistant Field Office Manager,
Lands and Minerals

JUL 08 1999

APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction



DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 28509	Pool Name GRBG JACKSON SR Q GRBG SA
Property Code 6497	Property Name BURCH KEELY UNIT	Well Number 866
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3614

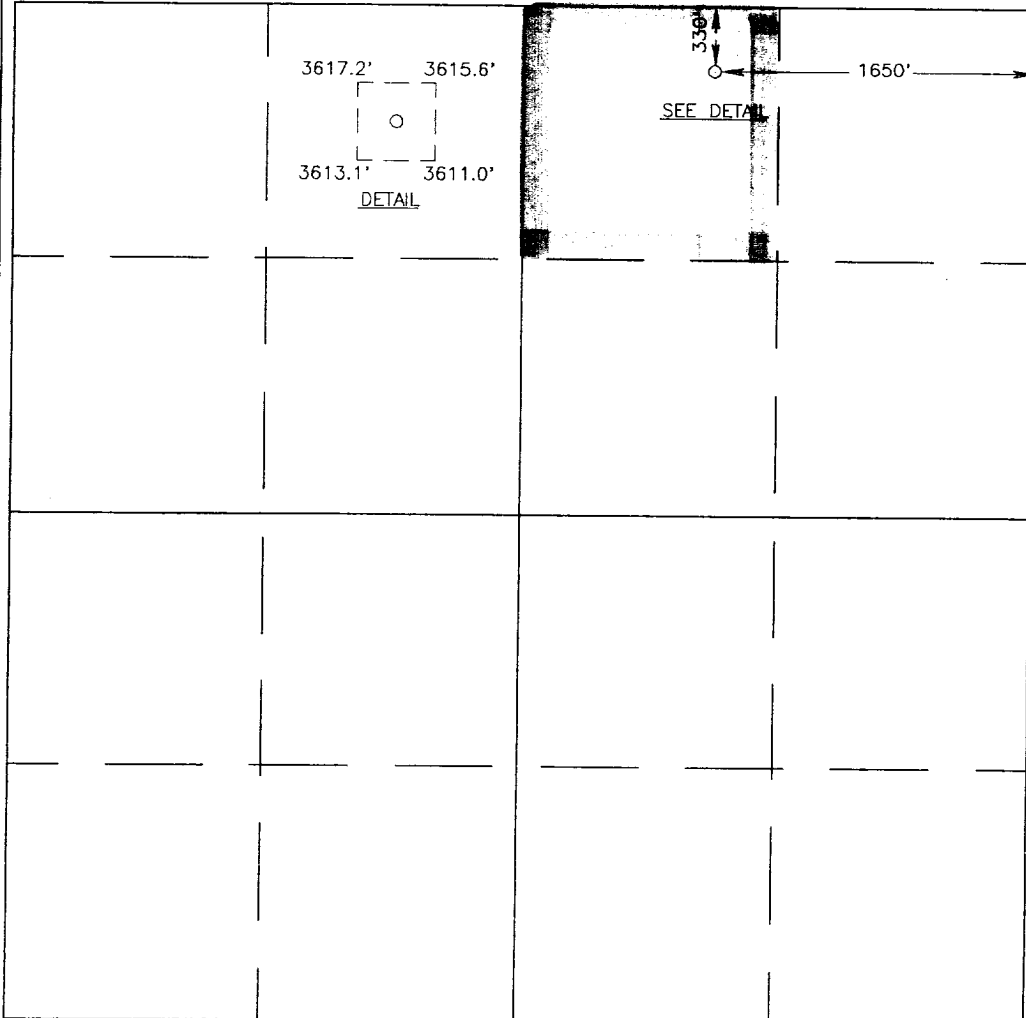
Surface Location

UL or lot No. B	Section 30	Township 17 S	Range 30 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1650	East/West line EAST	County EDDY
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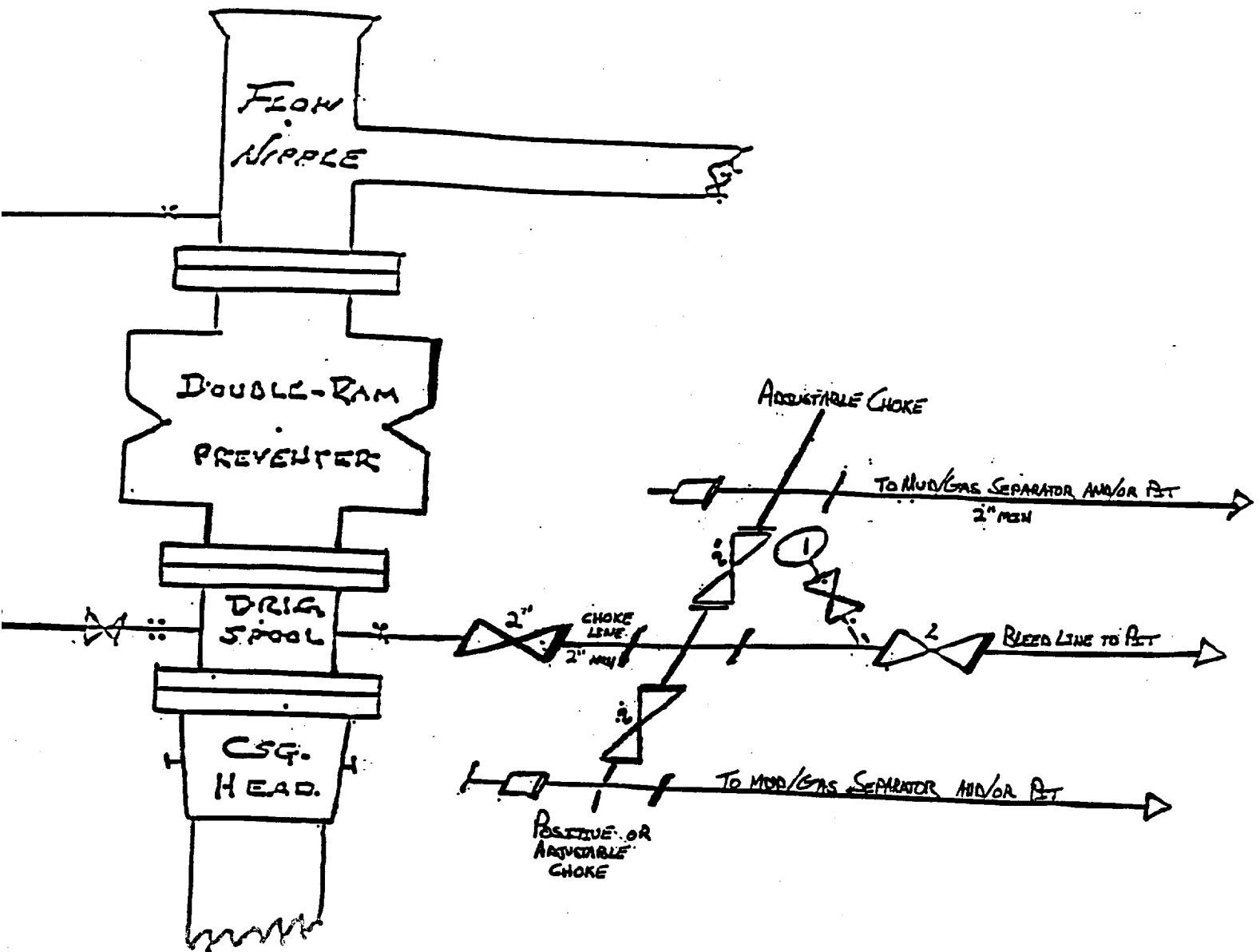
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Robin Cockrum</i> Signature ROBIN COCKRUM Printed Name PRODUCTION ANALYST Title 5/25/99 Date</p> <p>SURVEYOR CERTIFICATION</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><i>Ronald J. Eidson</i> Signature Professional Surveyor 3239 Date Surveyed 5/25/99 DMCC</p> <p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185</p>
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BJ FLOW OUT PREVENTER AND CHOKE MANIFOLD



10"/900 Cameron SS Space Saver
3000# Working Pressure
3000# Working Pressure Choke Manifold

Burch Keely Unit No. 866
330' FNL & 1650' FEL
Section 30; T17s - R30e
Eddy County, New Mexico

Exhibit One

Attachment to Exhibit #1
NOTES REGARDING THE BLOWOUT PREVENTERS

1. Drilling nipple to be so constructed that it can be removed without use of a welder through rotary table opening, with minimum I.D. equal to preventer bore.
2. Wear ring to be properly installed in head.
3. Blow out preventer and all fittings must be in good condition, 1000 psi W.P. minimum.
4. All fittings to be flanged.
5. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 1000 psi W.P. minimum.
6. All choke and fill lines to be securely anchored, especially ends of choke lines.
7. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
8. Kelly cock on kelly.
9. Extension wrenches and hand wheels to be properly installed.
10. Blow out preventer control to be located as close to driller's position as feasible.
11. Blow out preventer closing equipment to include minimum 40 gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.