

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM0473303A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator MARBOB ENERGY CORPORATION Contact: DIANA CANNON E-Mail: production@marbob.com		7. If Unit or CA Agreement, Name and No. 32428
3a. Address P O BOX 227 ARTESIA, NM 88211-0227 14049	3b. Phone No. (include area code) Ph: 505.748.3303 Fx: 505.746.2523	8. Lease Name and Well No. BUTTERFINGER FEDERAL COM 1
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface NENE Lot A 660FNL 660FEL At proposed prod. zone NENE Lot A 660FNL 660FEL		9. API Well No. 30-015-32810
14. Distance in miles and direction from nearest town or post office* SEE SURFACE USE PLAN		10. Field and Pool, or Exploratory CARLSBAD MORROW, South
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease 239.85	11. Sec., T., R., M., or Bk. and Survey or Area Sec 10 T22S R27E Mer NMP
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 660'	19. Proposed Depth 12300 MD	12. County or Parish EDDY
21. Elevations (Show whether DF, KB, RT, GL, etc.) 3117 GL	22. Approximate date work will start 05/01/2003	13. State NM
17. Spacing Unit dedicated to this well 320.00		
20. BLM/BIA Bond No. on file		
23. Estimated duration		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) DIANA CANNON	Date 03/10/2003
Title AUTHORIZED REPRESENTATIVE		
Approved by (Signature) /s/ Joe G. Lara	Name (Printed/Typed) /s/ Joe G. Lara	Date MAY 27 2003
Title ACTING FIELD MANAGER		Office CARLSBAD FIELD OFFICE

Application approval does not warrant or certify 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, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Additional Operator Remarks (see next page)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Electronic Submission #19313 verified by the BLM Well Information System
For MARBOB ENERGY CORPORATION, sent to the Carlsbad
Field Office for AFMSS for processing by Linda Askwig on 03/11/2003 (03LA0386AE)

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

Additional Operator Remarks:

CASING PROGRAM:

17 1/2" HOLE, 13 3/8" 48# H40 CSG SET @ 400', CMT W/ 400 SX, CIRC TO SURFACE
12 1/4" HOLE, 9 5/8" 36# J55 CSG SET @ 1700', CMT W/ 600 SX, CIRC TO SURFACE
8 3/4" HOLE, 7" 23# N80 & K55 CSG SET @ 9100', CMT W/ 1100 SX, TIE BACK IN TO 9 5/8" CSG
6 1/8" HOLE, 4 1/2" 11.6# S95/P110 CSG SET @ 12300', CMT W/ 300 SX, TIE BACK IN TO 7" CASING

PRESSURE CONTROL EQUIPMENT: SEE EXHIBIT #1 (3 PGS)

NIPPLE UP ON 13 3/8" CSG WITH 2M SYSTEM, TEST TO 1000# WITH RIG PUMPS

NIPPLE UP ON 9 5/8" CSG WITH 3M SYSTEM, TEST TO 2440#

NIPPLE UP ON 7" CSG WITH 5M SYSTEM, TEST TO 5000# WITH INDEPENDENT TESTER

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

ATTACHMENT INCLUDES:

WELL LOCATION AND ACREAGE DEDICATION PLAT

DRILLING AND OPERATIONS PROGRAM (2 PGS)

SURFACE USE AND OPERATIONS PLAN (3 PGS)

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN (3 PGS)

ADDITIONAL REQUIRED INFORMATION - EXHIBITS #1 (3 PGS) - #4

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240-1980

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

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

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	Pool Name
	73960	CARLSBAD; MORROW (SOUTH)
Property Code	Property Name	Well Number
	BUTTERFINGER FED COM	1
GRID No.	Operator Name	Elevation
14049	MARBOB ENERGY CORPORATION	3117

Surface Location

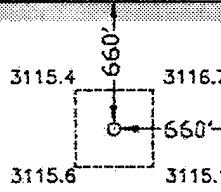
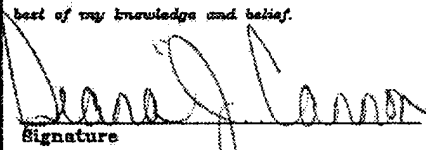
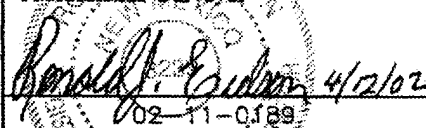
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	22 S	27 E		660	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

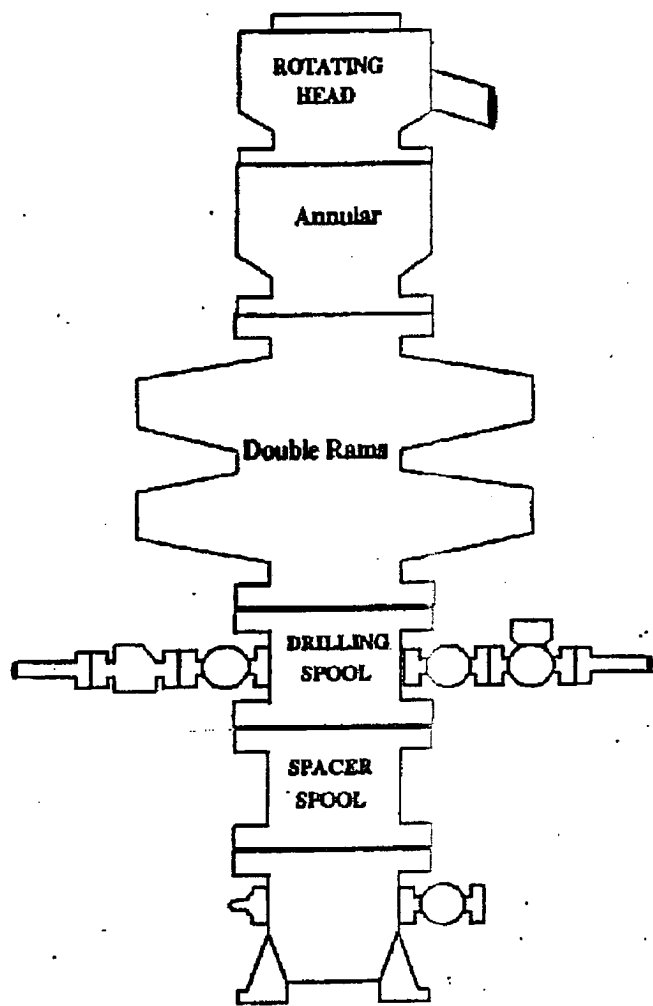
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature DIANA J. CANNON Printed Name PRODUCTION ANALYST Title MARCH 10, 2003 Date	
	SURVEYOR CERTIFICATION 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. MARCH 21, 2002 Date Surveyed WKT Signature & Seal of Professional Surveyor  Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641	

BOPE SCHEMATIC



Choke Manifold

