

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

F-18

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APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMLC029395B
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input 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. 23300
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. LEE FEDERAL 37
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SESE Lot P 330FSL 430FEL At proposed prod. zone SESE Lot P 330FSL 430FEL		9. API Well No. 30-015-32769
14. Distance in miles and direction from nearest town or post office* SEE SURFACE USE PLAN		10. Field and Pool, or Exploratory LOCO HILLS-PADDOCK
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 330'	16. No. of Acres in Lease 1786.15	11. Sec., T., R., M., or Bk. and Survey or Area Sec 17 T17S R31E Mer NMP
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 6000 MD	12. County or Parish EDDY
21. Elevations (Show whether DF, KB, RT, GL, etc.) 3722 GL	22. Approximate date work will start 04/12/2003	13. State NM
20. BLM/BIA Bond No. on file		17. Spacing Unit dedicated to this well 40.00
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.
2. A Drilling Plan.
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).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
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 03/11/2003
Title AUTHORIZED REPRESENTATIVE		
Approved by (Signature) /s/ JOE G. LARA	Name (Printed/Typed) /s/ JOE G. LARA	Date APR 28 2003
Title 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 Electronic Submission #19388 verified by the BLM Well Information System
GENERAL REQUIREMENTS AND For MARBOB ENERGY CORPORATION, sent to the Carlsbad
SPECIAL STIPULATIONS and AFMSS for processing by Armando Lopez on 03/11/2003 (03AL0184AE)
ATTACHED

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

Additional Operator Remarks:

17 1/2" HOLE, 13 3/8" 48# H40 CSG SET @ 350', CMT W/ 350 SX
12 1/4" HOLE, 8 5/8" 24# J55 CSG SET @ 1300', CMT W/ 550 SX
7 7/8" HOLE, 5 1/2" 17# J55 CSG SET @ 6000', CMT SUFFICIENT TO COVER 200' ABOVE ALL KNOWN OIL & GAS HORIZONS.

PRESSURE CONTROL EQUIPMENT: WE WILL BE USING A 2M SYSTEM. SEE EXHIBIT #1 (4 PGS)

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

ATTACHMENT INCLUDES:

1. WELL LOCATION AND ACREAGE DEDICATION PLAT
2. DRILLING PROGRAM
3. SURFACE USE AND OPERATING PLAN
4. HYDROGEN SULFIDE DRILLING OPERATIONS PLAN
5. ADDITIONAL REQUIRED INFORMATION (EXHIBITS #1 (4 PGS), #2, #3 & #4)

FEB 25 2003

DISTRICT I

P.O. Box 1888, Hobbs, NM 88241-1888

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 88211-0718

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-		Pool Code 96718	Pool Name LOCO HILLS PADDOCK
Property Code 23300	Property Name LEE FEDERAL		Well Number 37
GRID No. 14049	Operator Name MARBOB ENERGY CORPORATION		Elevation 3722'

Surface Location

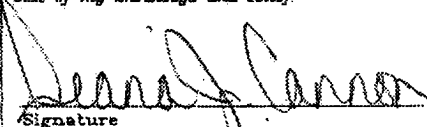
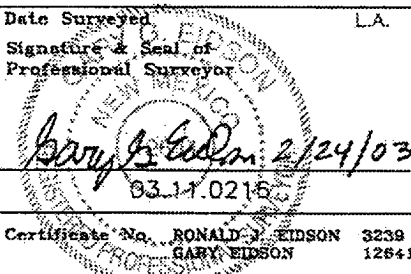
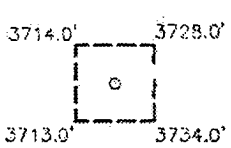

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	17-S	31-E		330	SOUTH	430	EAST	EDDY

Bottom Hole Location If Different From Surface

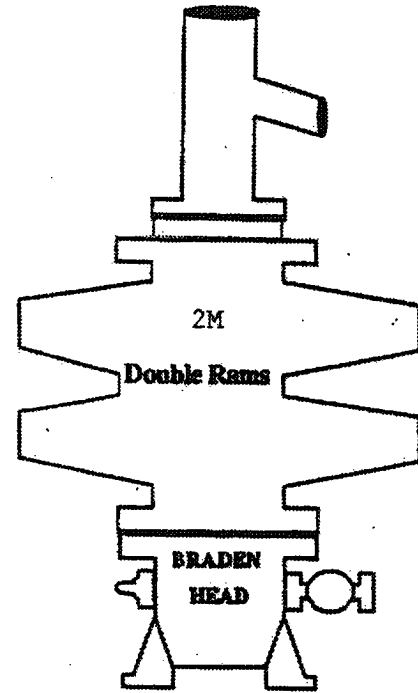
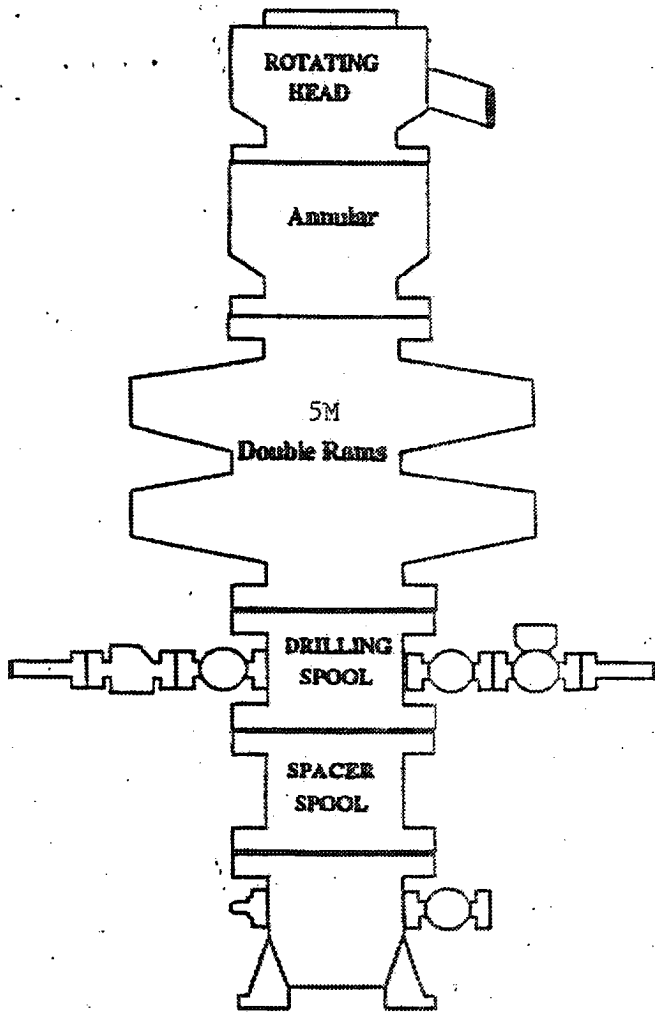
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 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

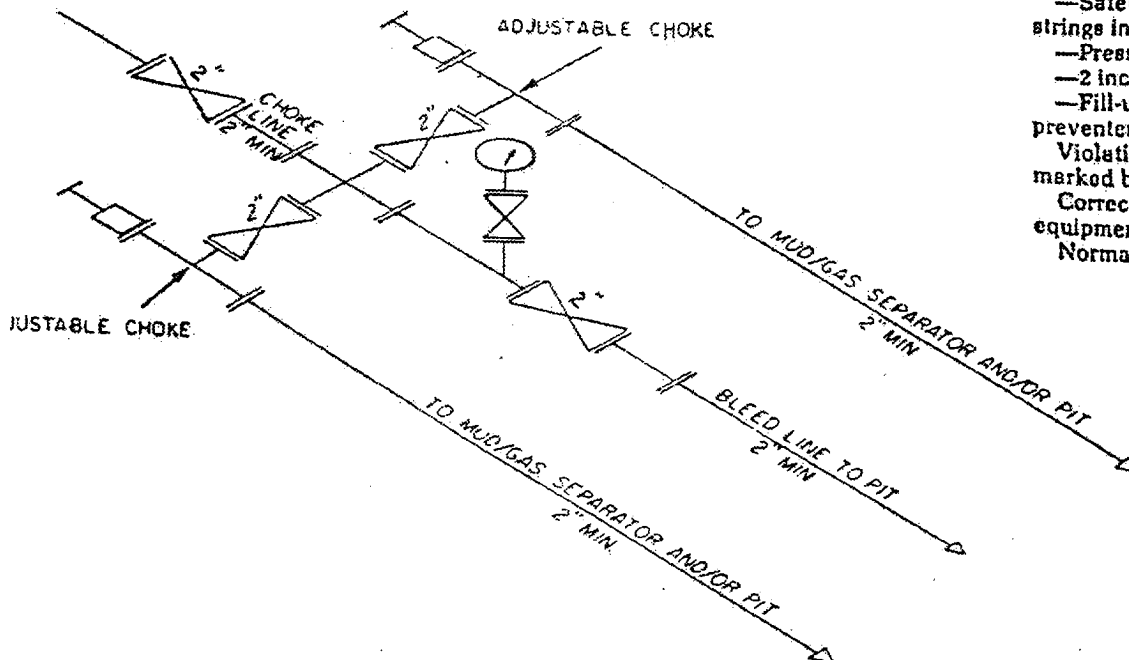
				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature DIANA J. CANNON Printed Name PRODUCTION ANALYST Title MARCH 10, 2003 Date	
				SURVEYOR CERTIFICATION I hereby certify that the well location shown on this 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. FEBRUARY 20, 2003 Date Surveyed Signature & Seal of Professional Surveyor  Gary A. Edson 2/24/03 03.11.0216 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12841	
				DETAIL  SEE DETAIL 	

BOPE SCHEMATIC



ONSHORE OIL AND GAS ORDER NO. 2

- 2M system:
- Annular preventer, or. double ram, or two rams with one being blind and one being a pipe ram *
 - Kill line (2 inch minimum)
 - 1 kill line valve (2 inch minimum)
 - 1 choke line valve
 - 2 chokes (refer to diagram in Attachment 1)
 - Upper kelly cock valve with handle available
 - Safety valve and subs to fit all drill strings in use
 - Pressure gauge on choke manifold
 - 2 inch minimum choke line
 - Fill-up line above the uppermost preventer.
- Violation: Minor (all items unless marked by asterisk).
Corrective Action: Install the equipment as specified.
Normal Abatement Period: 24 hours.



2M CHOK MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES

MAY VARY

Exhibit One