

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTE NM 88210-2834

CONTACT RECEIVING
OFFICE NUMBER
OF COPIES REQUIRED
(Other instructions on
reverse side)

BLM Roswell District
Modified Form No.
NM060-3160-2

Form 3160-3
(July 1989)
(formerly 9-331C)

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT *2-27-97 RSM*

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

10. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE
 2. NAME OF OPERATOR Marbob Energy Corporation
 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 990 FNL 2310 FEL
 At proposed prod. zone SAME
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
EAST OF ARTESIA ON HWY 82 APPROX. 20.7 MILES
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 990'
 16. NO. OF ACRES IN LEASE 600
 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. 6100'
 19. PROPOSED DEPTH 6100'
 20. ROTARY OR CABLE TOOLS ROTARY
 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3555' GR
 22. APPROX. DATE WORK WILL START* MAY 15, 1997

5. LEASE DESIGNATION AND SERIAL NO.
LC-028775B
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

 7. UNIT AGREEMENT NAME
20-015-29973
 8. FARM OR LEASE NAME
19485
BARNSDALL FEDERAL
 9. WELL NO.
10
 10. FIELD AND POOL, OR WILDCAT

 E. EMPIRE YESO 76610
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 27-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	WT&C	350'	300 SX
7 7/8"	5 1/2"	17#	J-55	LT&C	6100'	1100 SX

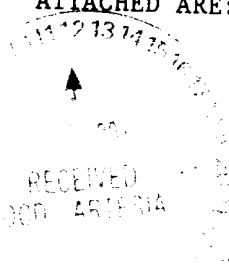
PAY ZONE WILL BE SELECTIVELY STIMULATED AND PERFORATED AS NEEDED FOR OPTIMUM PRODUCTION.

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

*Ported ID-1
NA & API
12-29-97*

SUBJECT TO
LIKE APPROVAL
BY STATE

26



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 [Signature] TITLE Production Clerk DATE 2/26/97

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY ORIG. SIGNED BY ENERGY TITLE MINERALS DATE 12-10-97
 CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29973	Pool Code 96610	Pool Name E. EMPIRE YESO
Property Code 19485	Property Name BARNSDALL FEDERAL	Well Number 10
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3555

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	17 S	29 E		990	NORTH	2310	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

	<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Rhonda Nelson</i> Signature</p> <p>RHONDA NELSON Printed Name</p> <p>PRODUCTION CLERK Title</p> <p>2/26/97 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p><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></p> <p>JULY 26, 1996 Date Surveyed</p> <p>DMCC</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald J. Edson</i> 7-30-96 96-11-0917</p>
	<p>Certificate No. JOHN W. WEST 676 RONALD J. EDSON 3239 GARY EDSON 12641</p>

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, 3000 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 3000 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.