

Form 3160-3
(July 1989)

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BLM Roswell District

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Modified Form No.
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

LC-028775B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

30-015-30142

8. FARM OR LEASE NAME

BARNSDALE
BARNDALL FEDERAL

9. WELL NO.

4 19455

10. FIELD AND POOL, OR WILDCAT

EAST EMPIRE YESO

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

SEC. 27-T17S-R29E

12. COUNTY OR PARISH 13. STATE

1a. 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

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

380 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 drlg. unit line, if any)

380'

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.

19. PROPOSED DEPTH

6100'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3537' GR

22. APPROX. DATE WORK WILL START*

FEBRUARY, 1997

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"	17#	J-55	LT&C	350'	WITNESS
7 7/8"	5 1/2"	24#	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

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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 Phonda Nelson TITLE Production Clerk DATE 1/16/97
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY ARMANDO A. LOPEZ TITLE Acting District Manager DATE 2/2/97
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

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 96610	Pool Name EAST EMPIRE YESO
Property Code 19485	Property Name BARNSDALL FEDERAL	Well Number 4
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3537

Surface Location

UL or lot No. C	Section 27	Township 17 S	Range 29 E	Lot Idn	Feet from the 380	North/South line NORTH	Feet from the 2310	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
Dedicated Acres	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

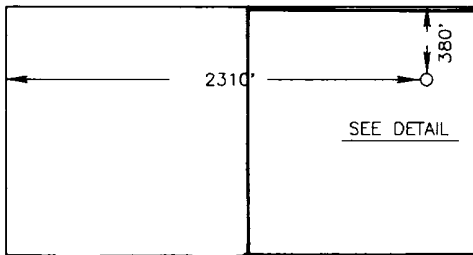
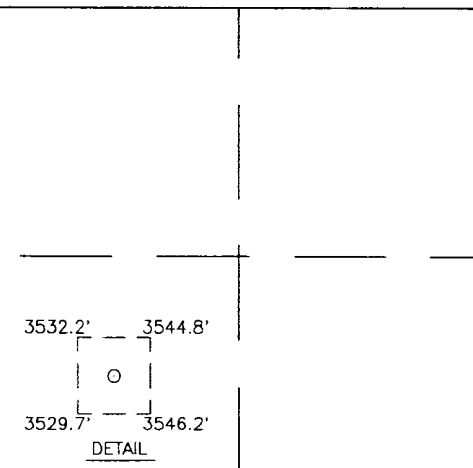
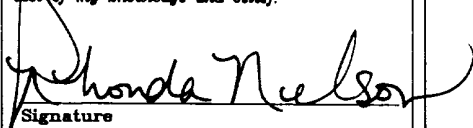
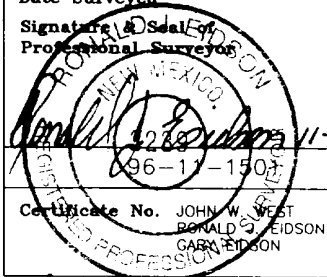
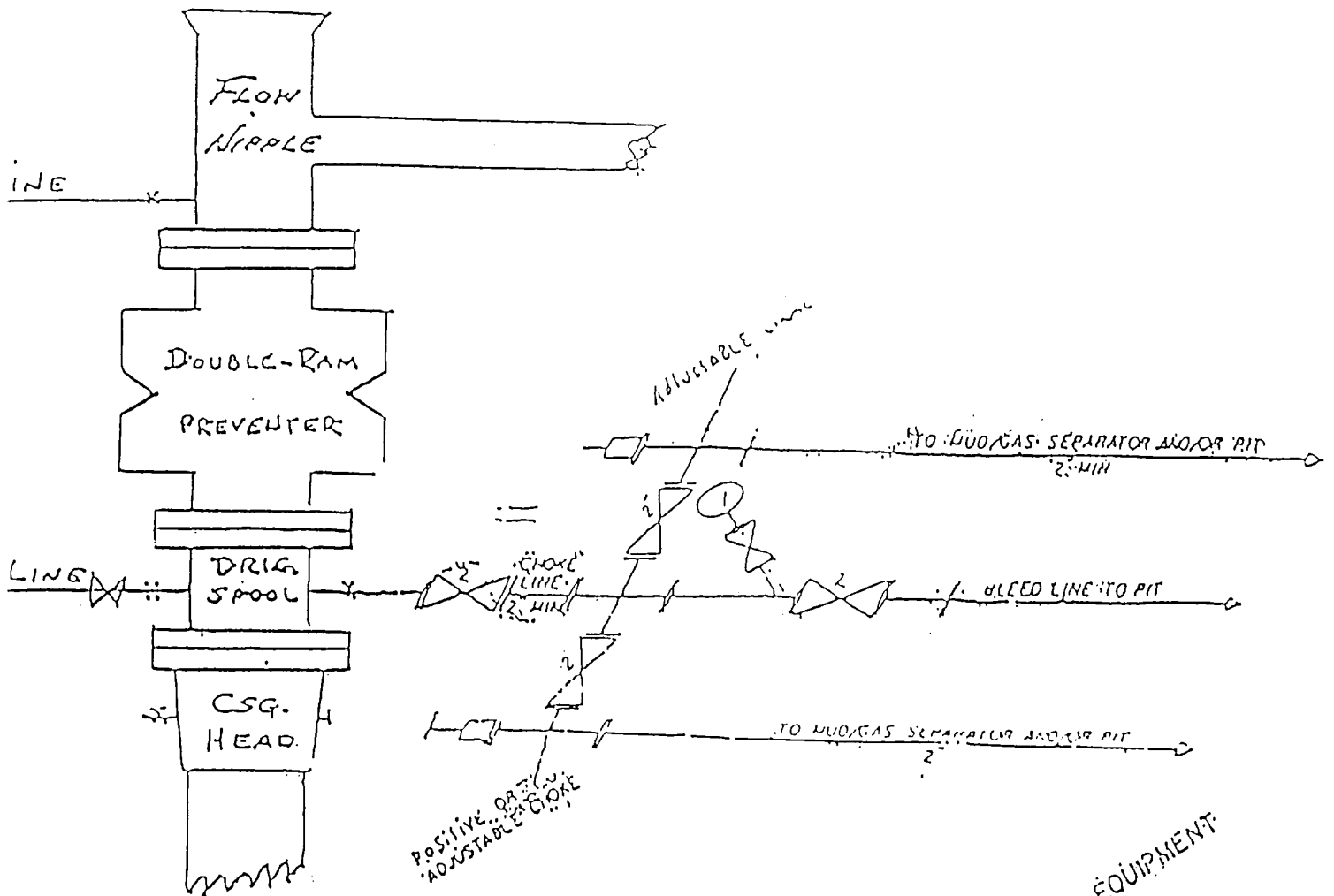
 <p>SEE DETAIL</p>	 <p>DETAIL</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature</p> <p>RHONDA NELSON Printed Name</p> <p>PRODUCTION CLERK Title</p> <p>1/16/97 Date</p>
		<p>SURVEYOR 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>NOV. 15, 1996</p> <p>Date Surveyed</p> <p>DMCC</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Certificate No. JOHN W. WEST 676 RONALD J. EIDSON 3239 GARY EIDSON 12641</p>

EXHIBIT #1

B O P & CHOKE MANIFOLD

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



2 1/2" CHOKE MANIFOLD EQUIPMENT

MARBOB ENERGY CORPORATION

Barnsdall Federal No. 4
380' FNL and 2310' FWL
Section 27-17S-29E
Eddy County, New Mexico
Exhibit # 1

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.