

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

U.S. M. OIL Cons. Division  
811 S. 1ST ST.  
ARTESIA, NM 88210-1004  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

30-015-30507

BLM Roswell District  
Modified Form No.  
NMD60-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-029020B	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Marbob Energy Corporation 14049		7. UNIT AGREEMENT NAME 30-015-30507	
3. ADDRESS OF OPERATOR P. O. BOX 227 Artesia, NM 88210		8. FARM OR LEASE NAME KEN FEDERAL 23884	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface: 22710 FSL 990 FWL At proposed prod. zone: SAME Unit L		9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* EAST OF LOCO HILLS ON HWY 82 APPROX 2.2 MILES		10. FIELD AND POOL, OR WILDCAT LOCO HILLS PADDOCK 96718	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 23-T17S-R30E	
16. NO. OF ACRES IN LEASE 40		12. COUNTY OR PARISH 13. STATE EDDY NM	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 6000'	
20. ROTARY OR CABLE TOOLS ROTARY		21. APPROX. DATE WORK WILL START* 11/20/98	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3664' GR		22. APPROX. DATE WORK WILL START* 11/20/98	

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	LW	425' 475'	300 SX. CIRC
7 7/8"	5 1/2"	17#	J-55	LTC	6000'	1400 SX. ATTEMPT TO CIRC

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

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

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.

SIGNED Robin Cochran TITLE Production Clerk DATE 10/19/98  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
(ORIG. SGD.) ARMANDO A. LOPEZ Assistant Field Office Manager,  
APPROVED BY \_\_\_\_\_ Lands and Minerals DATE NOV 18 1998  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

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, NM 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 96718	Pool Name LOCO HILLS Paddock
Property Code	Property Name KEN FEDERAL	Well Number 2
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3664'

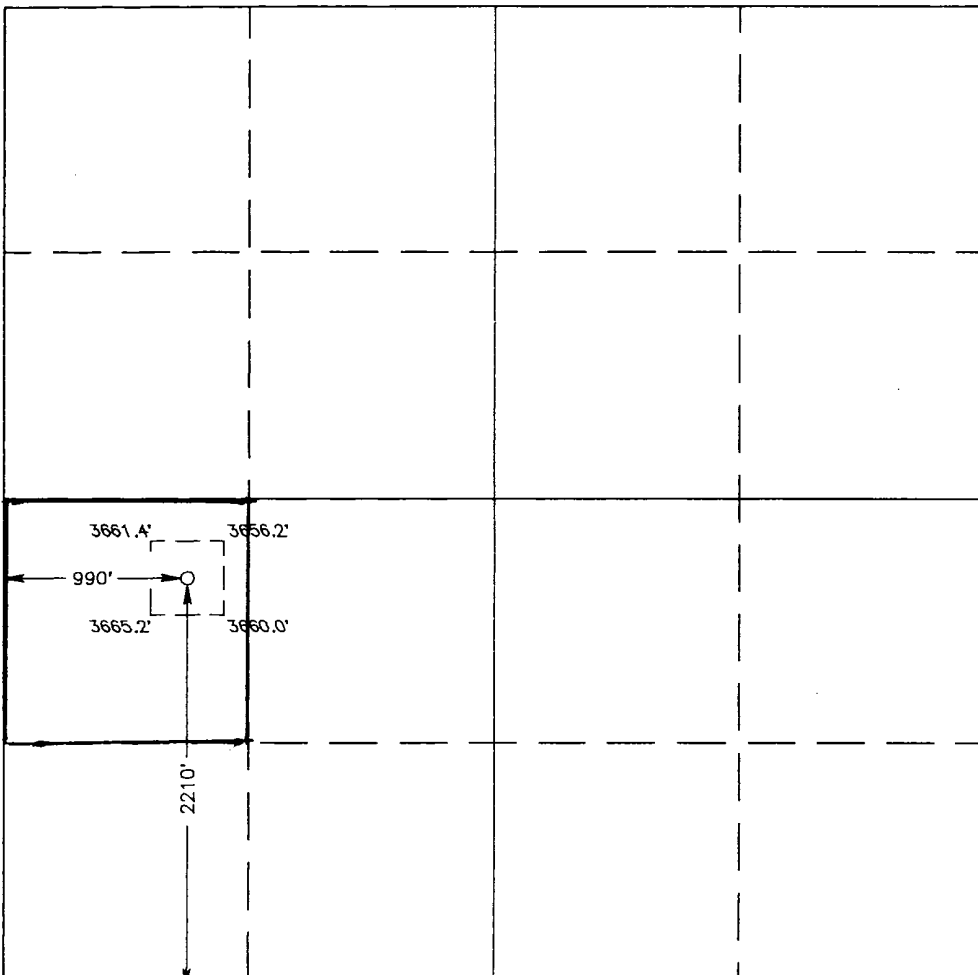

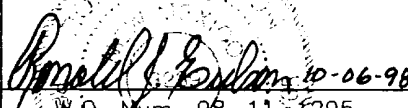
Surface Location

UL or lot No. L	Section 23	Township 17 S	Range 30 E	Lot Idn	Feet from the 2210	North/South line SOUTH	Feet from the 990	East/West line WEST	County EDDY
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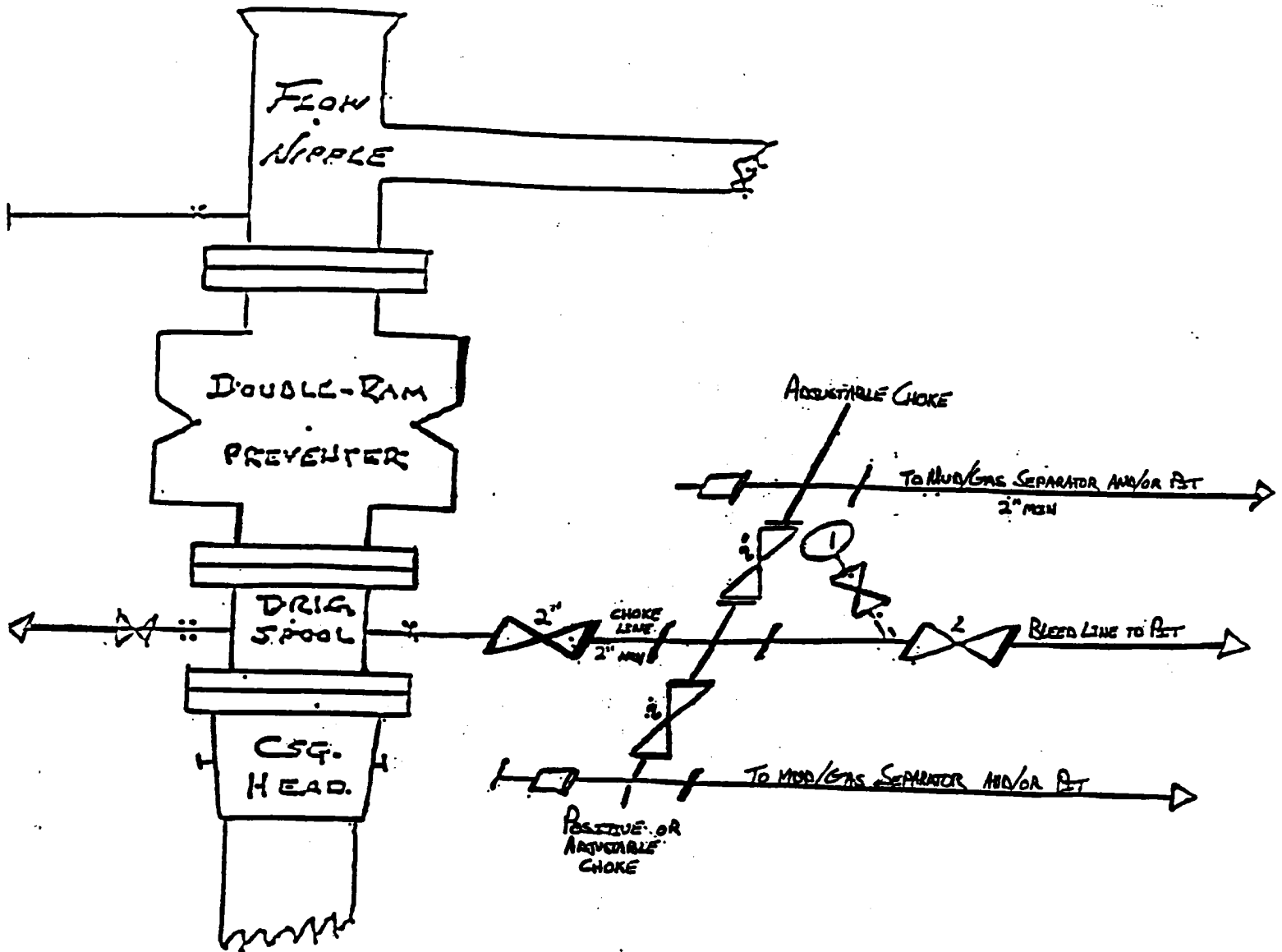
Bottom Hole Location If Different From Surface

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

	<b>OPERATOR CERTIFICATION</b> <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature ROBIN COCKRUM Printed Name PRODUCTION ANALYST Title 10/19/98 Date
	<b>SURVEYOR CERTIFICATION</b> <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> OCTOBER 1, 1998 Date Surveyed Signature & Seal of Professional Surveyor  W.O. Num. 98-11-1295 Certificate No. RONALD G. EDISON, 3239 GARY G. EDSON, 12841 WILSON McDONALD, 12185

# BLOW OUT PREVENTER AND CHOKE MANIFOLD



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

Ken Federal #2  
2210' FSL & 990'FWL  
Section 23; T17s -- R30e  
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, 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.