

NM OIL CONS. COMMISSION
DRAW. DD
ARTESIA, NM 88210

Form 3160-3
 (December 1990)

REMIT IN TRIPLICATE*
 (Other instructions on reverse side)

Form approved
 Budget Bureau No. 1004-0136
 Expires: December 31, 1991

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-0486	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR KEVIN O. BUTLER & ASSOCIATES, INC.			7. UNIT AGREEMENT NAME Big Eddy Unit	
3. ADDRESS AND TELEPHONE NO. 500 W. Texas, Suite 955, Midland, TX 79702 915-682-1178			8. FARM OR LEASE NAME, WELL NO. Nix Federal #1 <i>16227</i>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface: 460' FNL & 660' FEL At proposed prod. zone: 460' FNL & 660' FEL <i>UL - A</i> <i>24320</i>			9. API WELL NO. <i>30-015-28237</i>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 15 miles east of Carlsbad, NM			10. FIELD AND POOL OR WILDCAT FENTON DELAWARE Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 460'			11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 28, T21S-R28E	
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH	
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3700'			13. STATE NM	
18. PROPOSED DEPTH 6100			14. NO. OF ACRES ASSIGNED TO THIS WELL 40	
19. ROTARY OR CABLE TOOLS Rotary			20. APPROX. DATE WORK WILL START* ASAP before 12-31-94	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3207' GR : 3205'				

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.50# J-55	415'	425 sx - circ to surf
12 1/4"	8 5/8"	32# & 24# J-55	2,550'	1100 sx - circ to surf
7 7/8"	5 1/2"	15.50# J-55	6,100'	200 sx (PERMANENT TIEBACK)

Kevin O. Butler & Associates, Inc., proposes to drill and test the Delaware and intermediate formations. Approximately 415' of surface casing will be set and cement circulated to shut off gravel and cavings. Approximately 2550' of intermediate casing will be set and cement circulated to surface. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: 0-415' fresh water gel; 415-2550' brine/salt water gel; 2550' - TD cut brine/starch.

BOP PROGRAM: BOP will be installed on the 13 3/8" casing and tested daily

Part ID-1
12-16-94
New Loc & API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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. *[Signature]* TITLE President DATE 10-4-94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that 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:

APPROVED BY */s/ Scott Powers* TITLE *Acting* DATE *12/1/94*

*See Instructions On Reverse Side

RECEIVED
 OCT 6 10 42 AM '94
 APPROVAL SUBJECT TO
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS
 ATTACHED

District I
PO Box 1980, Hobbs, NM 88240-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		4 Property Name			5 Well Number
		NIX FEDERAL			1
6 OGRID No.		7 Operator Name			8 Elevation
		Kevin O. Butler & Associates			3205.

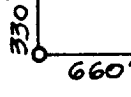
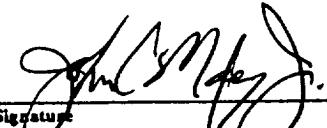
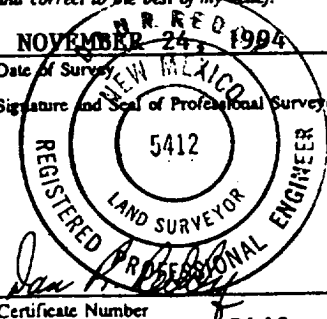
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	21S	28E		330	NORTH	660	EAST	EDDY

11 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
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code		15 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

16		17 OPERATOR CERTIFICATION	
		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
		Signature:  Printed Name: John C. Maxey, Jr. Title: Petroleum Engineer Date: November 28, 1994	
		18 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.	
		Date of Survey: NOVEMBER 24, 1994 Signature and Seal of Professional Surveyer:  Certificate Number: NM PEAPS NO. 5412	

RECEIVED SEP 29 1994

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised February 10, 1994

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OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name		Well Number
	NIX FEDERAL		1
OGRID No.	Operator Name		Elevation
012627	KEVIN O. BUTLER & ASSOCIATES		3207.

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	28	21S	28E		460	NORTH	660	EAST	EDDY

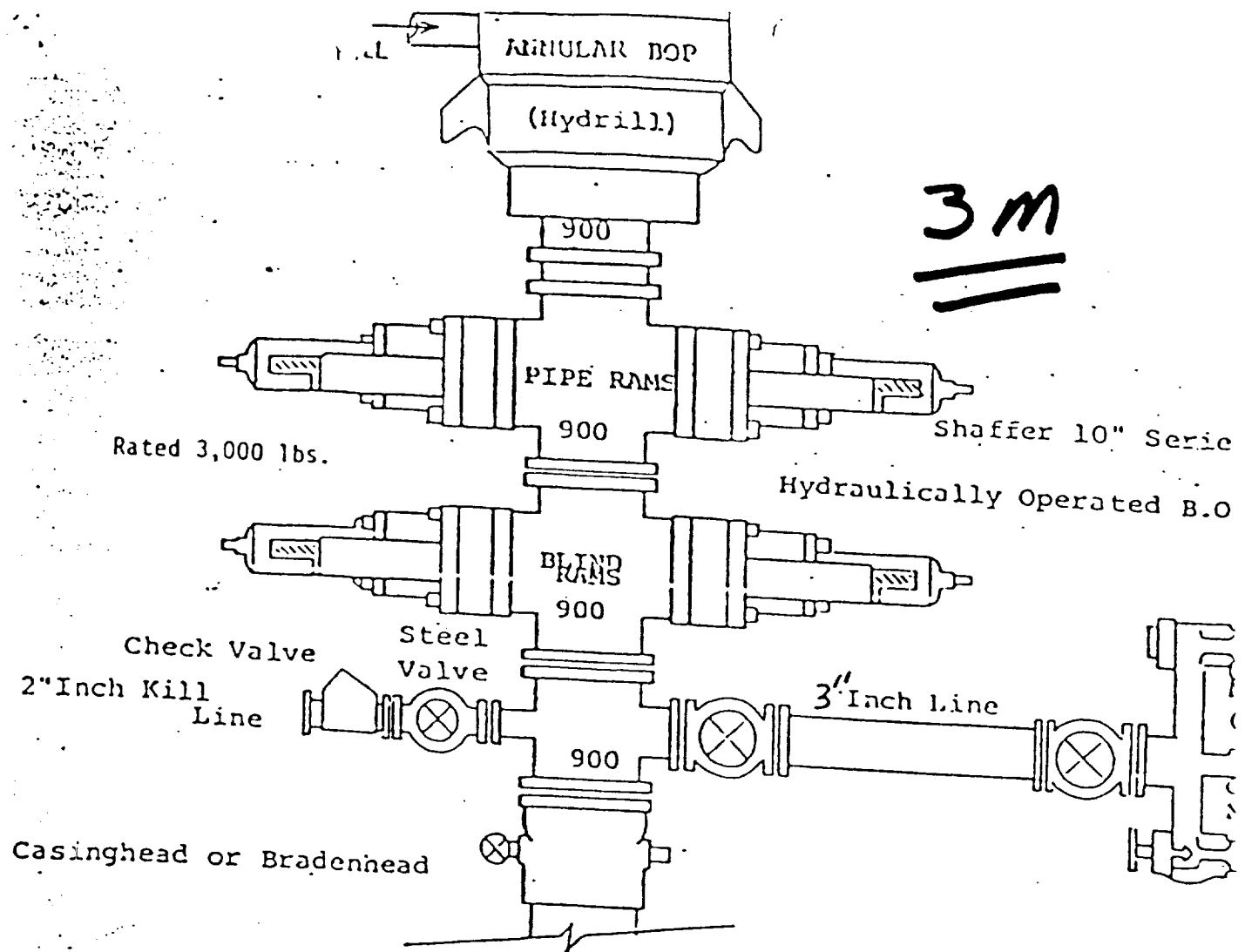
Bottom Hole Location If Different From Surface

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.

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16			17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.		
			Signature Kevin O. Butler		
			Printed Name President		
			Title September 29, 1994 Date		
		18 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.			
				Date of Survey SEPTEMBER 28, 1994	
				Signature and Seal of Professional Surveyor. 	
				Certificate Number NM 182580 5412	

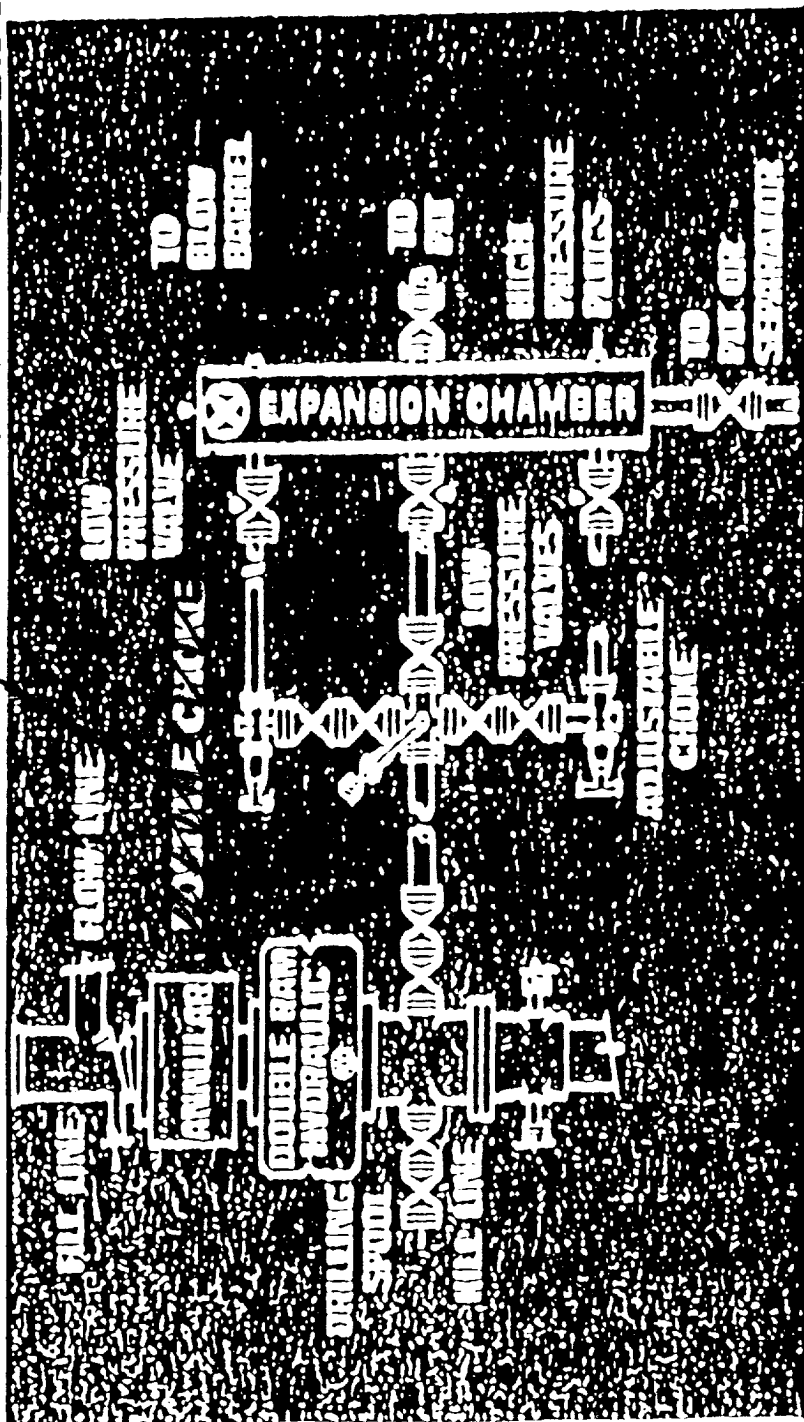


THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual c installed prior to drilling out from under casing.
2. Choke outlet to be a minimum of 3" diameter.
3. Kill line to be of all steel construction of 2" minimum diameter.
4. All connections from operating manifolds to preventers to be all st hole or tube a minimum of one inch in diameter.
5. The available closing pressure shall be at least 15% in excess of t required with sufficient volume to operate the B.O.P.'s.
6. All connections to and from preventer to have a pressure rating equ to that of the B.O.P.'s.
7. Inside blowout preventer to be available on rig floor.
8. Operating controls located a safe distance from the rig floor.
9. Hole must be kept filled on trips below intermediate casing.

CHOKE MANIFOLD DIAGRAM

KEVIN O. BUTLER & ASSOC., INC.
 #1 NIX FEDERAL
 SECTION 28, T21S-R28E
 EDDY COUNTY, NEW MEXICO



Oct 21 11 50 AM '94
 CARL
 AREA

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