

C/S

NM OIL CONS. COMMISSION

Form 3160-3
(December 1990) DRAWER DD
ARTESIA, NM 88210

SUBMIT 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 ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Kevin O. Butler & Associates, Inc.

3. ADDRESS AND TELEPHONE NO.
500 W. Texas, Suite 955, Midland, TX 79702 915-682-1178

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 660' FSL & 660' FWL
At proposed prod. zone: 660' FSL & 660' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 15 miles east of Carlsbad, NM

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE
24320

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

19. PROPOSED DEPTH
6100'

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
ASAP before 12-31-94

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3206' GR

5. LEASE DESIGNATION AND SERIAL NO.
NM-0486

6. IF INDIAN, ALLOTED OR TRIBE NAME

7. UNIT AGREEMENT NAME
Big Eddy Unit

8. FARM OR LEASE NAME, WELL NO.
Nix Federal #2 16227

9. API WELL NO.
30-015-28236

10. FIELD AND POOL, OR WILDCAT
Wildcat FENTON DEL NW AND

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T21S-R28E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

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	2550'	1100 sx - circ to surf
7 7/8"	5 1/2"	54.50# J-55	6100'	200 sx (TIE BACK)

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' to TD cut brine/starch.

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

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.

SIGNED _____ 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 151 Pratt Powers TITLE AREA MANAGER DATE 12-1-94

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

*See Instructions On Reverse Side

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		1 Pool Code		1 Pool Name	
4 Property Code		4 Property Name			4 Well Number
		NIX FEDERAL			2
1 OGRID No.		1 Operator Name			1 Elevation
012627		KEVIN O. BUTLER & ASSOCIATES			3206.

10 Surface Location

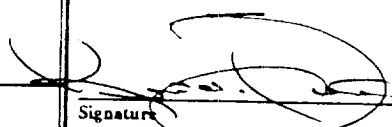
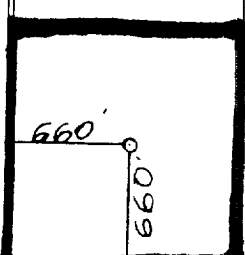
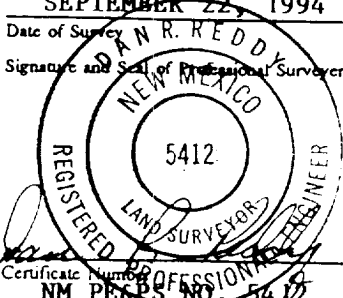
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	21S	28E		660	SOUTH	660	WEST	EDDY

11 Bottom Hole Location If Different From Surface

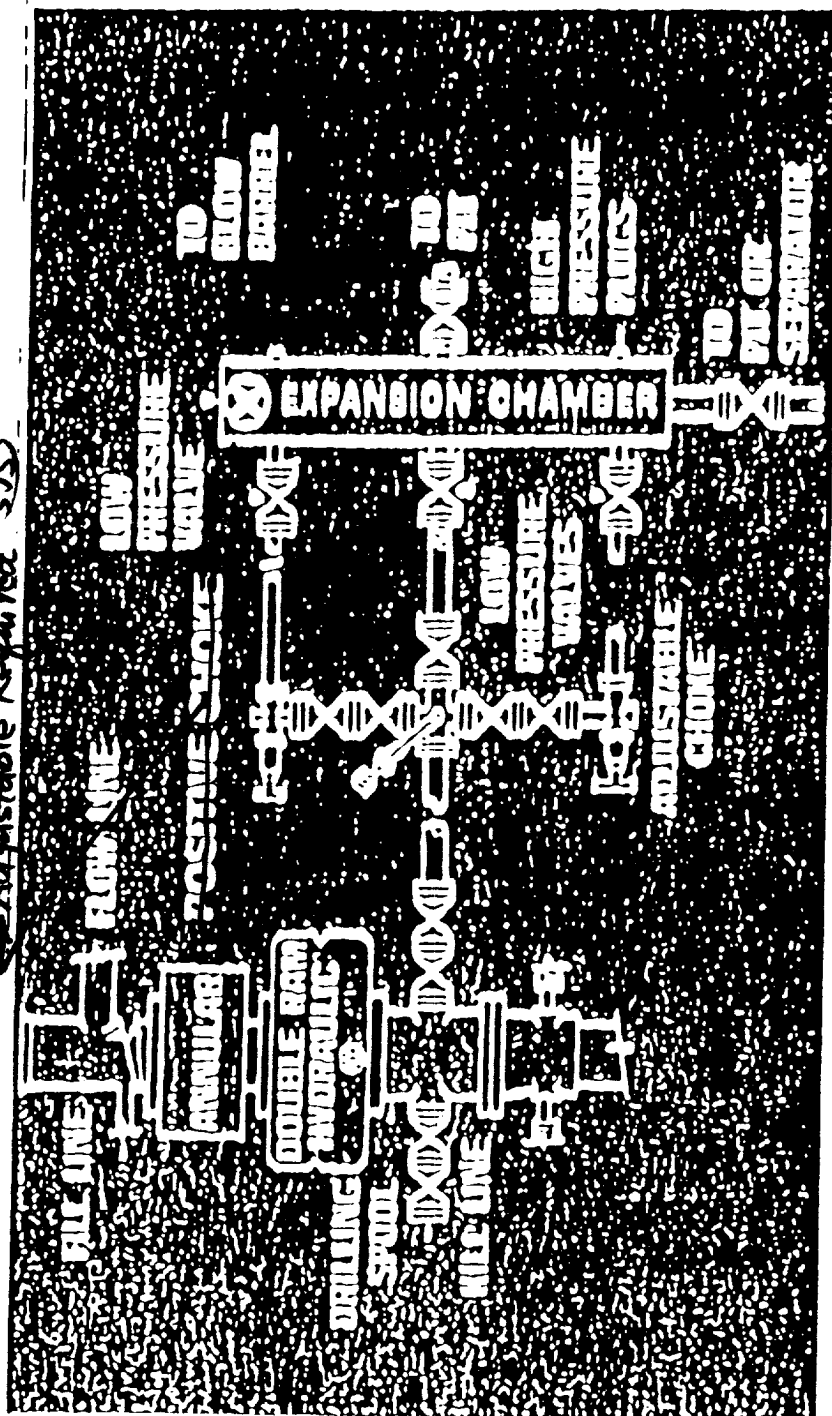
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
40			

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 Kevin O. Butler Printed Name President Title September 27, 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. SEPTEMBER 22, 1994 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number NM PEPS No. 5412

Adjustable Required (575)

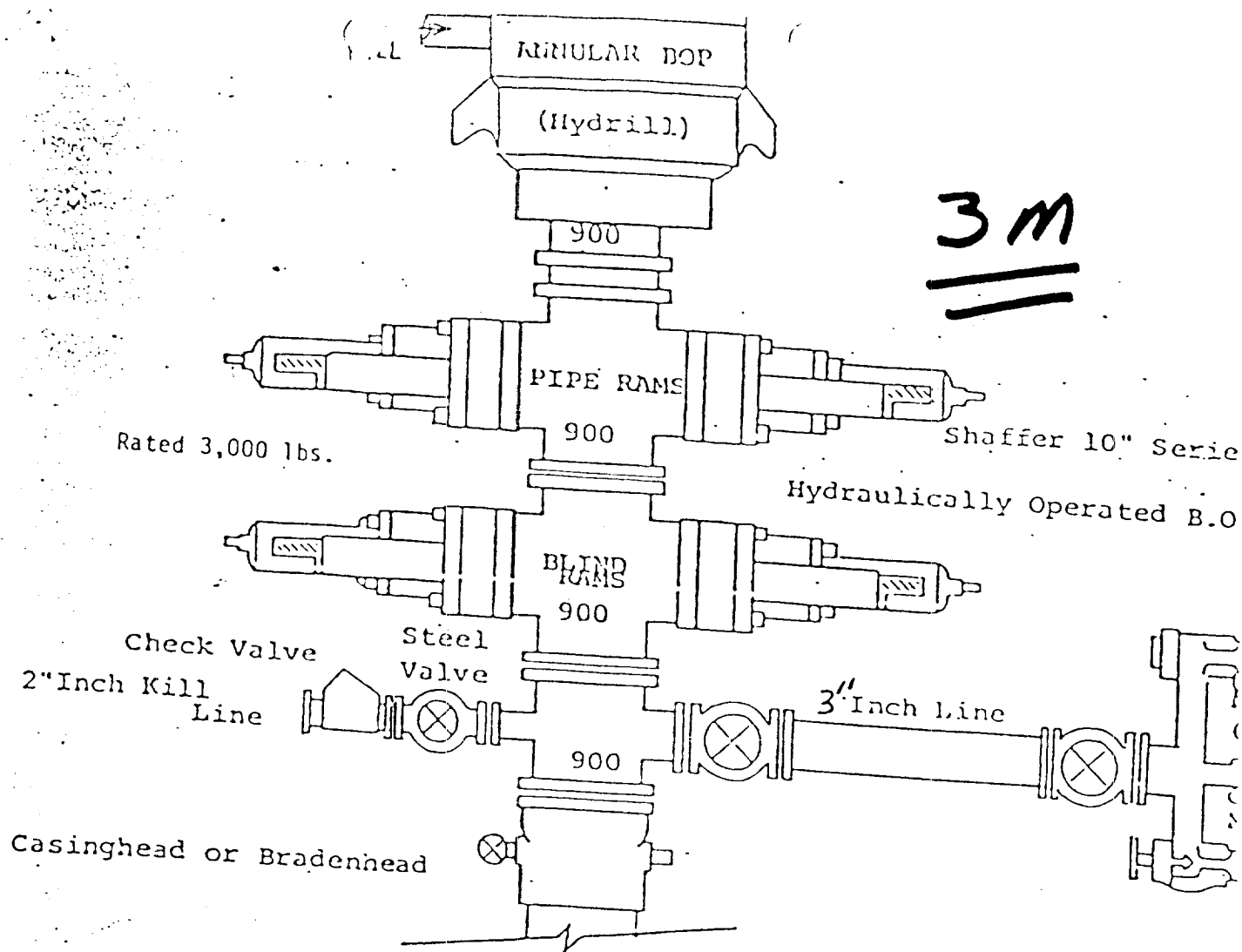


CHOKE MANIFOLD DIAGRAM

KEVIN O. BUTLER & ASSOC., INC.
#2 NIX FEDERAL
SECTION 22, T21S-R28E
EDDY COUNTY, NEW MEXICO

Oct 21 11 50 AM '94
OAK
AREA

RECEIVED



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.