

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN **APPLICATE.**  
(Other instructions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM- 69369
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Pogo Producing Company		7. UNIT AGREEMENT NAME 13907
3. ADDRESS AND TELEPHONE NO. P.O. Box 10340, Midland, TX 79702		8. FARM OR LEASE NAME, WELL NO. Sundance "1" Federal # 5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface 1980 FST & 660 FWT of Section 1 660' 1980' 1980'		9. API WELL NO. 30-015-30213
At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Mesa Verde (Delaware)
11. SEC., T., R., OR BLK. AND SURVEY OR AREA Section 1, T-24S, R-31E		12. COUNTY OR PARISH Eddy Co.
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. 20 miles east of Loving, New Mexico		13. STATE N.M.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any.) 660'	16. NO. OF ACRES IN LEASE 640	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. 2310'	19. PROPOSED DEPTH 8750'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3524' Ground Level		22. APPROX. DATE WORK WILL START* Upon Approval

23. SECRETARY'S POTASH		PROPOSED CASING AND CEMENTING		CARLSBAD CONTROLLED WATER BASIN	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
17-1/2"	13-3/8" J-55	54.5#	600'	Class "C" (Circulated)	
11"	8-5/8" J-55	24, 32#	4300'	1200 sx. (Circulated)	
7-7/8"	5-1/2" J-55, N-80	17#, 15.50#	8750'	1200 sx. (est. 4100')	

The Operator proposes to drill to a depth sufficient to test the Delaware and Bone Springs for oil. Specific programs are outlined in the following attachments:

DRILLING PROGRAM  
SURFACE USE AND OPERATING PLAN  
EXHIBIT "A" - ROAD MAP  
EXHIBIT "B" - EXISTING WELL MAP  
EXHIBIT "C" - LOCATION AND DEDICATION PLAT  
EXHIBIT "C-1" - TOPO MAP  
EXHIBIT "D" - DRILLING RIG LAYOUT  
EXHIBIT "E" - 3M BOP EQUIPMENT

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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 deeper directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Agent DATE 1/29/98  
(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 [Signature] TITLE Acting State Director DATE 3-19-98

\*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I  
P.O. Box 1960, Hobbs, NM 88241-1960

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

OIL CONSERVATION DIVISION  
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name SUNDANCE "1" FED.	Well Number 5
OGRID No. 17891	Operator Name POGO PRODUCING CO.	Elevation 3517

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 2	1	24 S	31 E		660	NORTH	1980	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.						

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

LOT 4	LOT 3	LOT 2	LOT 1
39.95 ACRES	39.96 ACRES	39.98 ACRES	39.99 ACRES
		SEE DETAIL	
		DETAIL	
		3516.7' 3517.9'	
		3517.4' 3518.6'	

**OPERATOR CERTIFICATION**

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

*Richard L. Wright*  
Signature

Richard L. Wright  
Printed Name

Division Operations Mgr.  
Title

11/02/95  
Date

**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.

SEPT. 12, 1995  
Date Surveyed

Signature & Seal of Professional Surveyor  
DMCC

NEW MEXICO  
Professional Surveyor  
9-28-95

95-1370

Certificate No. JOHN R. WEST 676  
RONALD J. EIDSON 3239  
JAMES EIDSON 12641

EXHIBIT "A"

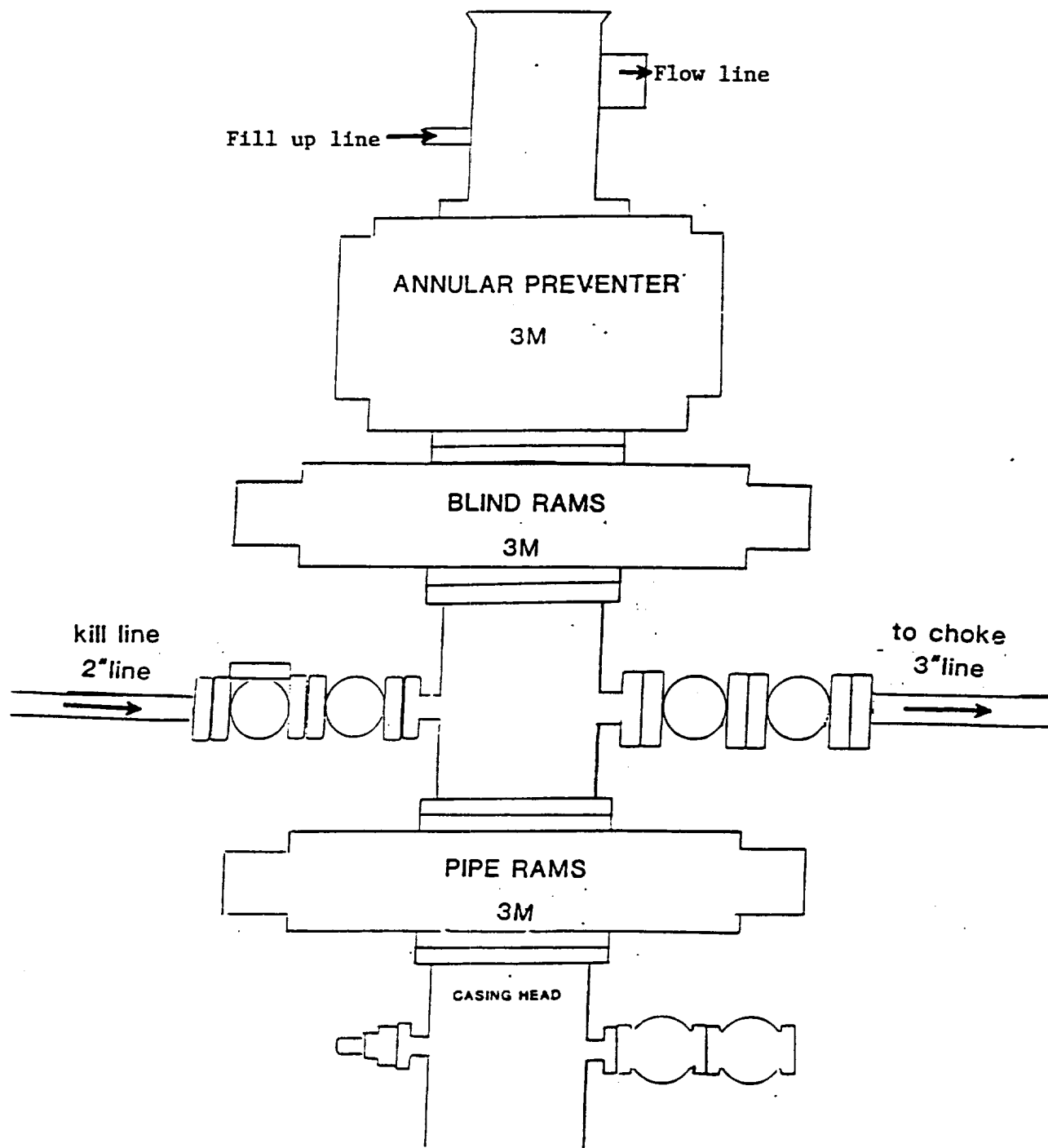
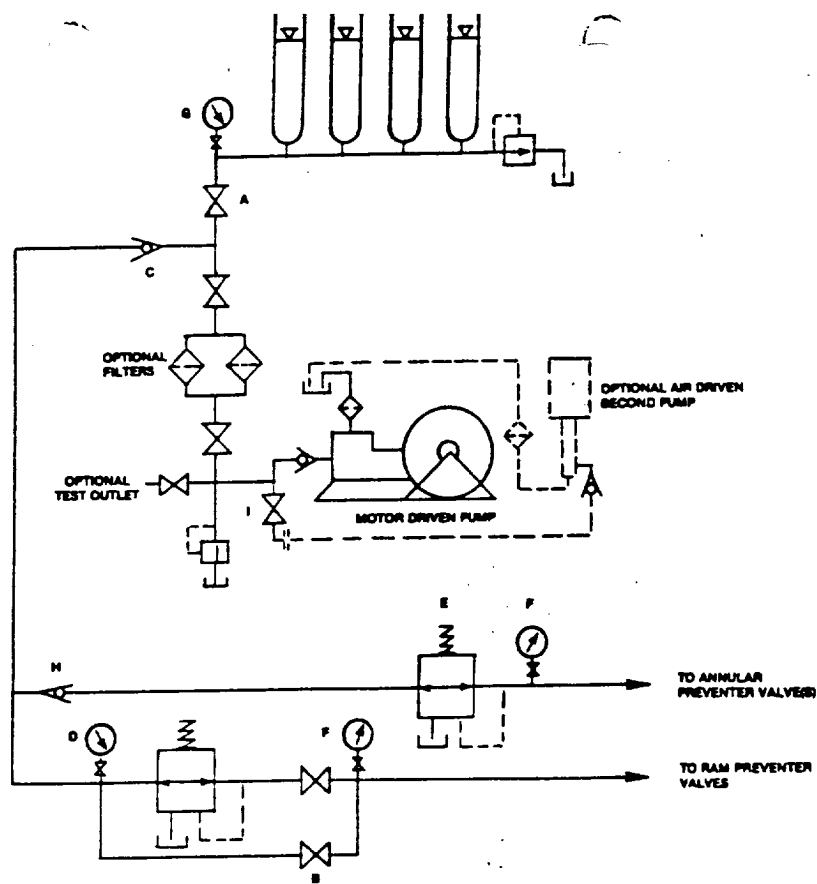
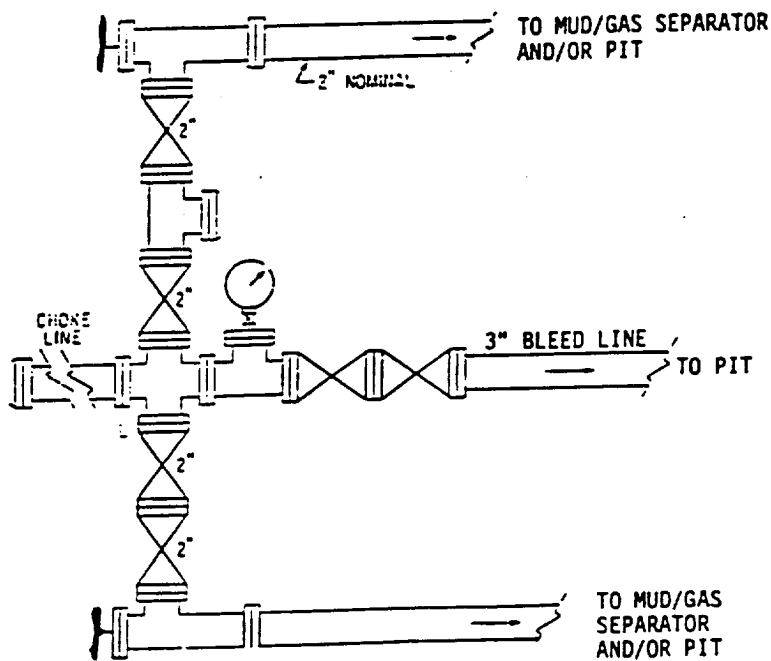


EXHIBIT "E"  
 B.O.P. SKETCH TO BE USED ON  
 POGO PRODUCING COMPANY  
 SUNDANCE "1" FEDERAL #5  
 660' FNL & 1980' FEL SEC. 1  
 T24S-R31E LEA CO. NM



HAND AJUSTABLE CHOKE



HAND AJUSTABLE CHOKE

EXHIBIT "1-E"  
 CHOKE MANIFOLD & CLOSING UNIT  
 POGO PRODUCING COMPANY  
 SUNDANCE "1" FEDERAL #5  
 660' FNL & 1980' FEL SEC. 1  
 T24S-R31E LEA CO. NM

POGO PRODUCING CO  
 3M CHOKE MANIFOLD