

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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NM-94651	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Pogo Producing Company		8. FARM OR LEASE NAME, WELL NO. Cedar Canyon 28 Federal #5	
3. ADDRESS AND TELEPHONE NO. P. O. Box 10340, Midland, TX 79702-7340		9. API WELL NO. 30-015-30352	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 660' FWL, Section 28 At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Cedar Canyon Delaware	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 6 miles South Southeast of Loving New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 28, T24S, R29E	
15. 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 1400	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. 1800	19. PROPOSED DEPTH 8000'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 2947' GR		22. APPROX. DATE WORK WILL START* When approved	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor	NA	40	Cmt to surface w/ Redi-mix
17-1/2"	13-3/8 H-40	48	550	700 sks circulate to surface
11"	8-5/8 J-55	32	2800	1000 sks circulate to surface
7-7/8"	5-1/2 J-55	15.5 & 17	8000	1000 sks - TOC \pm 1500'

- Set 40' of 20" conductor pipe & cmt to surface w/ Redi-mix.
- Drill 17-1/2" hole to 550'. Run & set 550' of 13-3/8" 48# H-40 ST&C csg. Cmt w/ 500 sks 65:35:6 Poz/gel/C + additives followed by 200 sks Cl "C" + 2% CaCl₂. Circ cmt to surface.
- Drill 11" hole to 2800'. Run & set 2800' of 8-5/8" 32# J-55 ST&C csg. Cmt w/ 800 sks 65:35:6 Poz/gel/C + 5% NaCl + additives followed by 200 sks Cl "C" + 2% CaCl₂. Circ cmt to surface.
- Drill 7-7/8" hole to 8000'. Run & set 8000' of 5-1/2" 15.5# & 17# J-55 ST&C csg. Cmt w/ 1000 sks Cl "C" + 8 pps gilsonite. TOC @ \pm 1500'.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE 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. SIGNED Cathy Lambert TITLE Sr. Operation Tech DATE 01/17/03
(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/ Mary J. Rugwell FOR FIELD MANAGER DATE MAR 04 2003

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2068, SANTA FE, N.M. 87504-2068

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

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 11540	Pool Name CEDAR CANYON-DELAWARE
Property Code 17956	Property Name CEDAR CANYON 28 FEDERAL	Well Number 5
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 2947

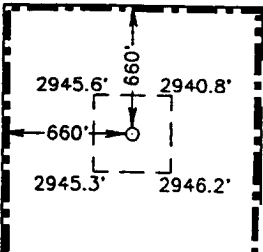
Surface Location

UL or lot No. D	Section 28	Township 24 S	Range 29 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

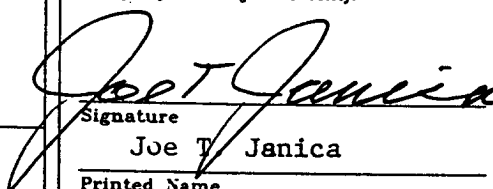
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

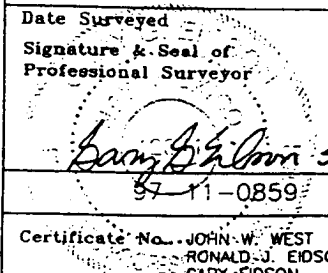
OPERATOR CERTIFICATION

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


Signature
Joe T. Janica
Printed Name
Agent
Title
11/28/00
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.

MAY 20, 1997
Date Surveyed
DMCC
Signature & Seal of Professional Surveyor

5-22-97
97-11-0859
Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY EIDSON 12641

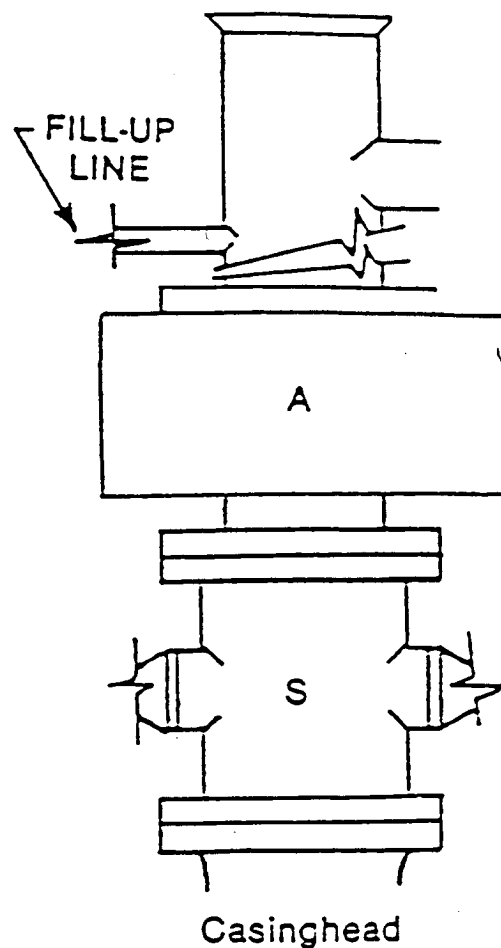
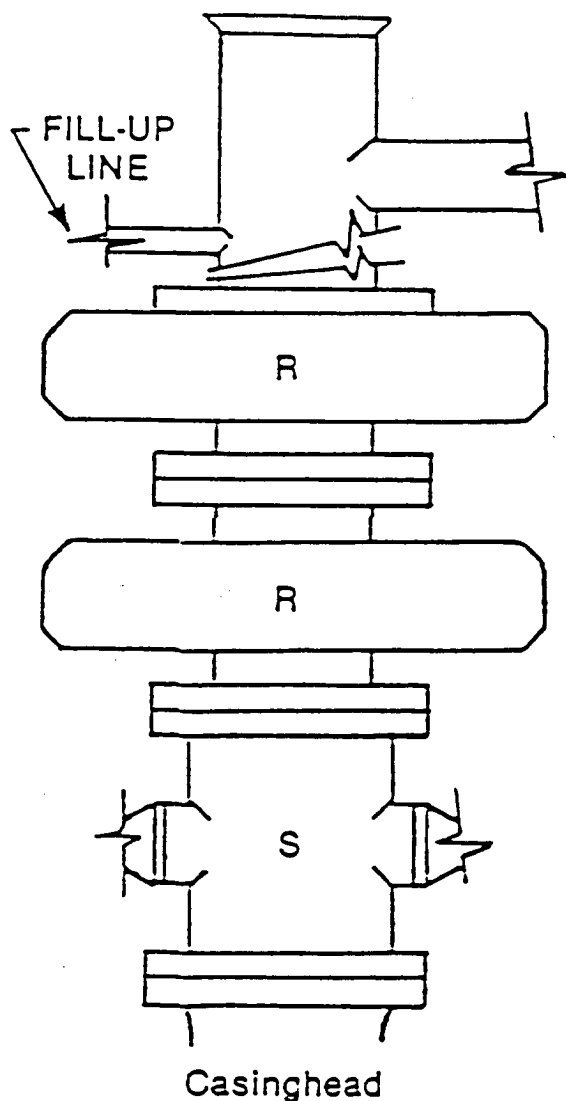
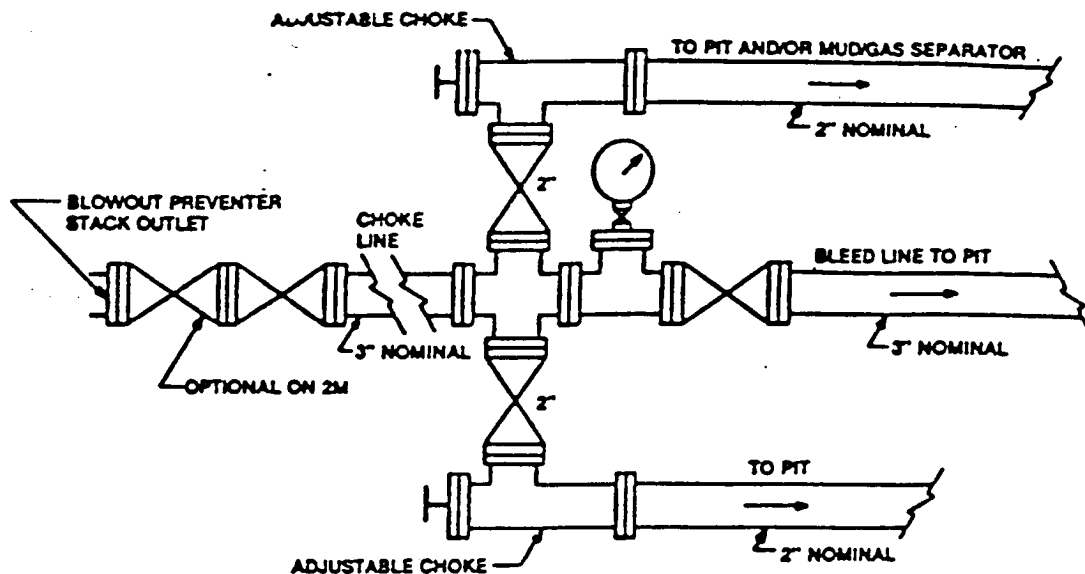


FIGURE K1-1. Recommended IADC Class 2 BOP stack, 2000 psi WP. Either SRd (left) or SA (right) arrangement is acceptable and drilling spool is optional.

EXHIBIT "E"
SKETCH OF B.O.P. TO BE USED ON

POGO PRODUCING COMPANY
CEDAR CANYON "28" FEDERAL # 5
UNIT "D" SECTION 28
T24S-R29E EDDY CO. NM



Typical choke manifold assembly for 3M WP system

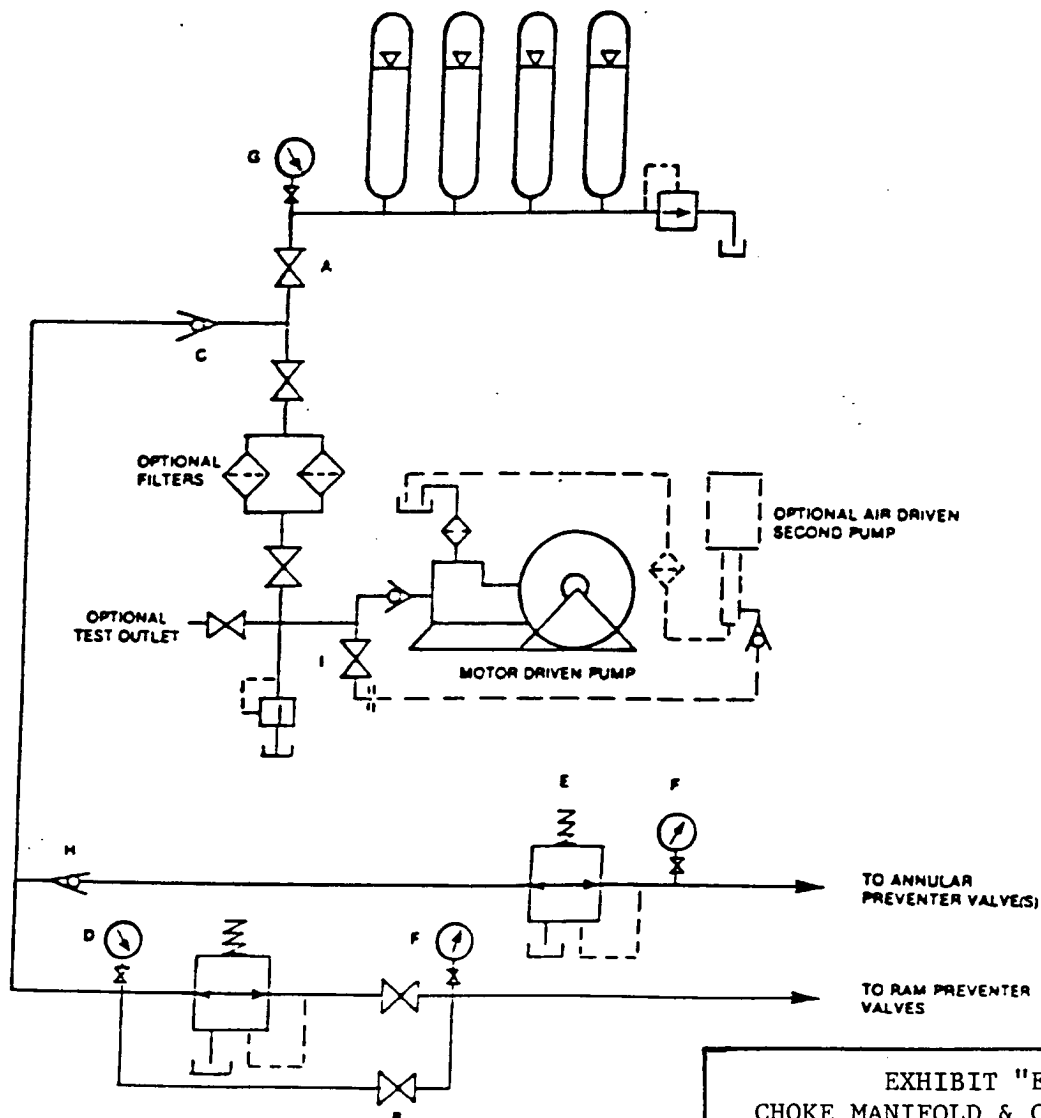


EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

POGO PRODUCING COMPANY
CEDAR CANYON "28" FEDERAL # 5
UNIT "D" SECTION 28
T24S-R29E EDDY CO. NM