

Form 3160-3  
(July 1992)

OIL CONSERVATION DIV  
811 S. 1st ST.  
ARTESIA, NM 88210-2834  
SUBMIT 1 APPLICATION\*  
(Other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

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-81586
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 Pogo Producing Company		7. UNIT AGREEMENT NAME 15019
3. ADDRESS AND TELEPHONE NO. P.O. Box 10340, Midland, Texas 79702		8. FARM OR LEASE NAME, WELL NO. Riverbend Federal #4
4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements.) At surface 1650' FNL & 2310' FEL of Section 22 At proposed prod. zone Same Unit G		9. ADJ. WELL NO. 30-015-29194
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 5 miles east southeast of Malaga, N.M.		10. FIELD AND POOL, OR WILDCAT Corral Draw (Bone Springs)
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T-24S, R-29E
16. NO. OF ACRES 1040		12. COUNTY OR PARISH Eddy Co.
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'		19. PROPOSED DEPTH 8000'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* Upon Approval
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 2924' Ground Level		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4"	10-3/4"	32.75# H-40	500'	350 sx (circ)
9-7/8"	7-5/8"	26# J55, N80	2850'	750 sx (circ)
6-3/4"	4-1/2"	11.6# J55, N80	8000'	1200 sx (1800')

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 ACREAGE DEDICATION PLAT
- EXHIBIT C-1 TOPO MAP
- EXHIBIT D - DRILLING AND RIG LAYOUT
- EXHIBIT E - 3M BOP EQUIPMENT

Post ID-1  
10-4-96  
New Loc & API

RECEIVED  
JUL 19 11 52 AM '96  
CARLETON COUNTY  
AREA HEADQUARTERS

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. SIGNED Joan R. Florez TITLE Agent DATE 7/17/96  
(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/ JOAN R. FLOREZ TITLE Area Manager DATE SEP 26 1996

\*See Instructions On Reverse Side

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0710

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

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

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 <b>30-015-29194</b>	Pool Code <b>96238</b>	Pool Name <b>Corral Draw (Bone Springs)</b>
Property Code	Property Name <b>RIVERBEND FEDERAL</b>	Well Number <b>4</b>
OGRID No. <b>017891</b>	Operator Name <b>POGO PRODUCING COMPANY</b>	Elevation <b>2924</b>

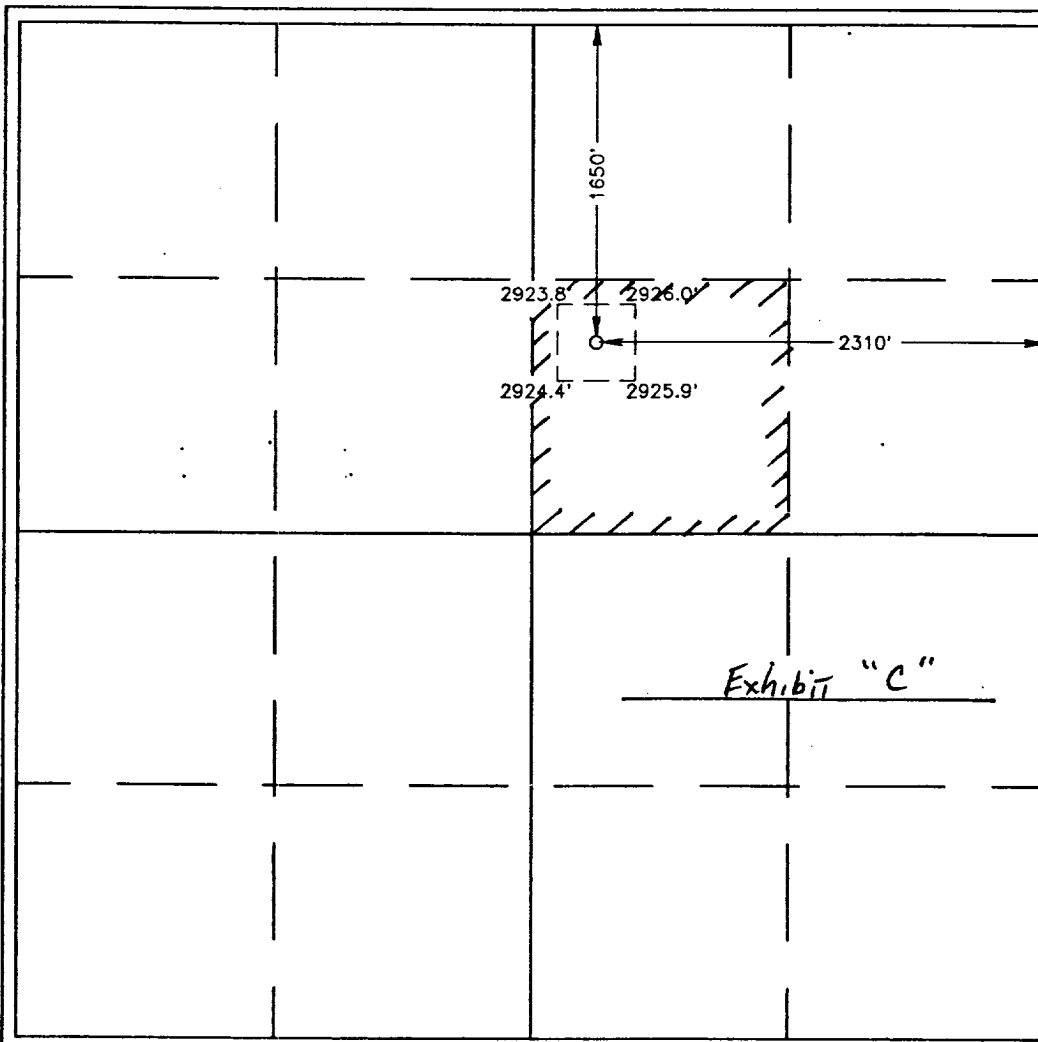
Surface Location

UL or lot No. <b>G</b>	Section <b>22</b>	Township <b>24 S</b>	Range <b>29 E</b>	Lot Idn	Feet from the <b>1650</b>	North/South line <b>NORTH</b>	Feet from the <b>2310</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
---------------------------	----------------------	-------------------------	----------------------	---------	------------------------------	----------------------------------	------------------------------	-------------------------------	-----------------------

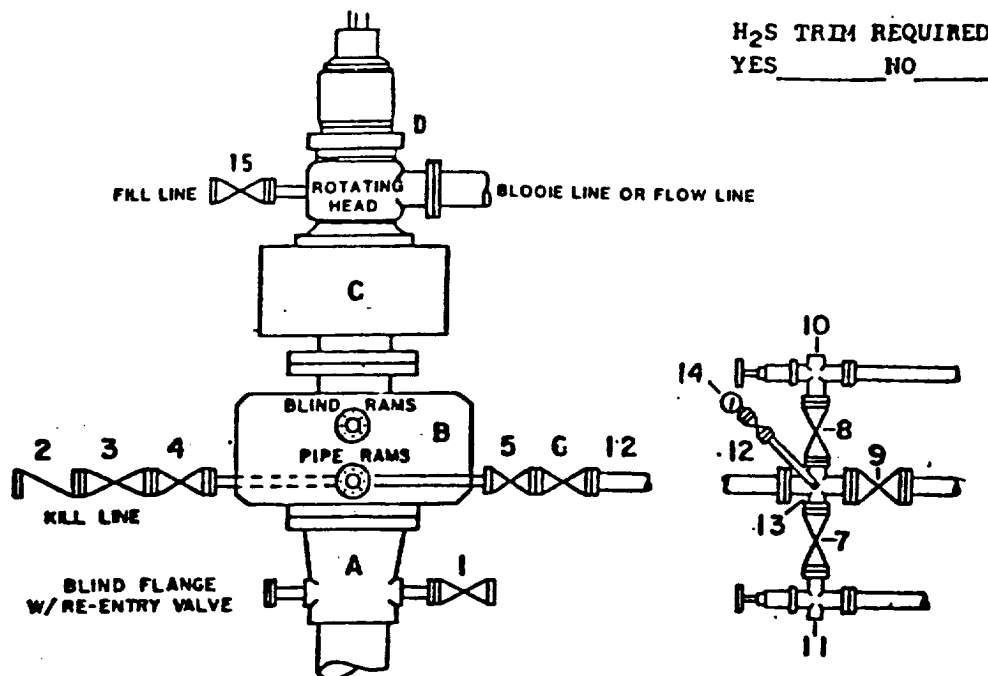
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>40</b>	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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>James M.C. Ritchie, Jr.</i> Signature <b>James M.C. Ritchie, Jr.</b> Printed Name <b>Agent</b> Title <b>7/15/96</b> Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><b>JUNE 20, 1996</b> Date Surveyed <b>CDG</b> Signature &amp; Seal of Professional Surveyor <i>Ronald J. Eidson</i> <b>7-10-96</b> <b>96-11-0733</b></p> <p>Certificate No. <b>JOHN W. WEST 676</b> <b>RONALD J. EIDSON 3239</b> <b>GARY EIDSON 12641</b></p>
---	---

# **DRILLING CONTROL** **CONDITION III-B 3000 PSI WP**



H<sub>2</sub>S TRIM REQUIRED  
 YES \_\_\_\_\_ NO \_\_\_\_\_

## **DRILLING CONTROL**

### **MATERIAL LIST - CONDITION III - B**

- |                |   |
|----------------|---|
| A              | Wellhead  |
| B              | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram preventers may be utilized with 3000# W.P. drilling spool with 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line. The drilling spool is to be installed below the single ram type preventers). |
| C              | 3000# W.P. Annular Preventer with 1" steel, 3000# W.P. control lines.   |
| D              | Rotating Head with fill up outlet and extended Bloop line.  |
| 1,3,4,<br>7,8, | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 2              | 2" minimum 3000# W.P. back pressure valve.  |
| 5,6,9          | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 12             | 3" minimum Schedule 80, Grade B, seamless line pipe.  |
| 13             | 2" minimum x 3" minimum 3000# W.P. flanged cross.   |
| 10,11          | 2" minimum 3000# W.P. adjustable choke bodies.  |
| 14             | Cameron Mud Gauge or equivalent (location optional in Choke line).  |
| 15             | 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |

SCALE:	DATE	EST. NO.	DRG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

**EXHIBIT E**