

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- 69369	
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 17891				7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 10340				8. FARM OR LEASE NAME, WELL NO. 13907 Sundance "1" Federal # 8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 660' FWL of Section 1 At proposed prod. zone Same Unit L				9. API WELL NO. 30-015-29686	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. 20 miles east of Loving, New Mexico				10. FIELD AND POOL, OR WILDCAT (Section 1, T-24S, R-31E) Wildcat (Delaware Bone Springs)	
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. 1320'		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 CEMENT 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 - 550'	500 sx Clay (estimated)	
11"	8-5/8" J-55	24, 32#	4100'	1200 sx. (Cement)	
7-7/8"	5-1/2" J-55, N-80	15.50#	8750'	1200 sx. (est. 1900')	

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

RECEIVED
MAY 14 P 9:16
BUREAU OF LAND MGMT.
ROSWELL OFFICE

24. 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.

SIGNED James M. C. Rutledge TITLE Agent DATE 5/13/97
(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 John L. Lusk TITLE Acting State Director DATE 6-9-97

*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 1980, Hobbs, NM 88241-1980

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

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

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

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	Pool Name
		Undesignated (Bone Springs)
Property Code	Property Name	Well Number
	SUNDANCE 1 FEDERAL	8
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 3524

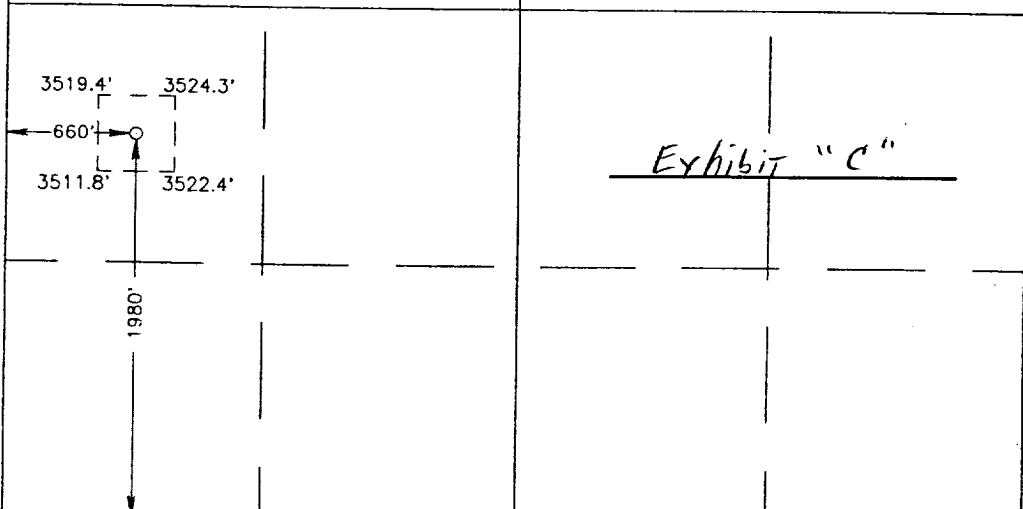
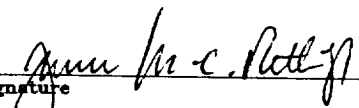
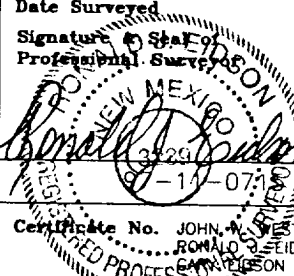
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	1	24 S	31 E		1980	SOUTH	660	WEST	EDDY

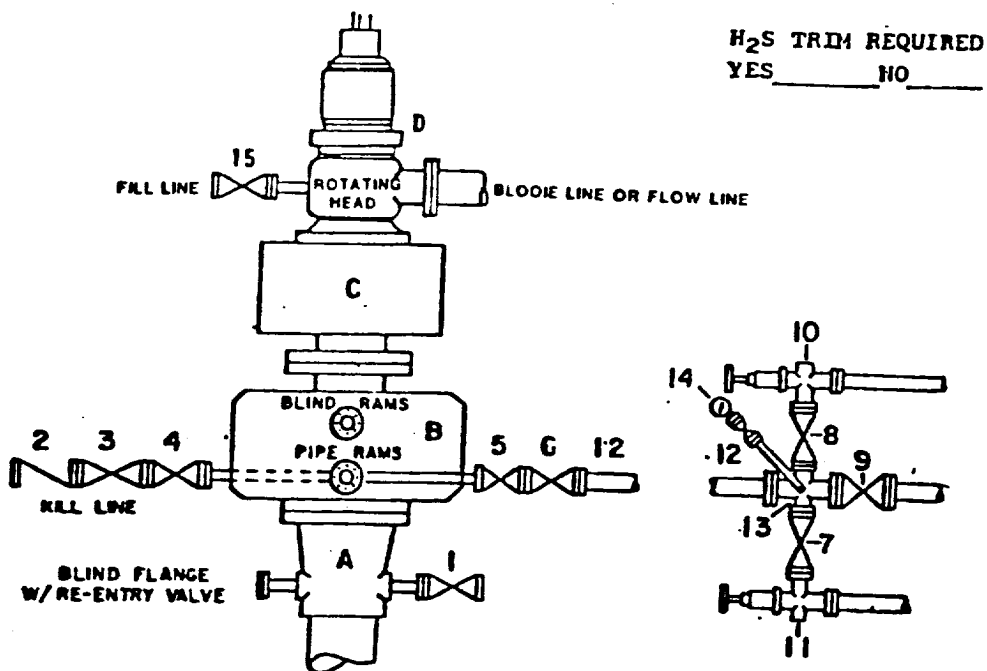
Bottom Hole Location If Different From Surface

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.						

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
			
OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature James M.C. Ritchie, Jr. Printed Name Agent Title 05/13/97 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. APRIL 21, 1997 Date Surveyed DMCC Signature of State Professional Surveyor  Certificate No. JOHN A. WEST 676 RONALD J. EIDSON 3239 RONALD J. EIDSON 12641			

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



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 Bore line. |
| 1,3,4,
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