

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**N.M. Oil Cons. Division**  
811 S. 1ST ST  
ARTESIA, NM 88210-2834

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

C15F

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

|   |  |  |
|---|--|--|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other   |  | 5. Lease Designation and Serial No.<br>NM-89172                  |
| 2. Name of Operator<br>Pogo Producing Company   |  | 6. If Indian, Allottee or Tribe Name                             |
| 3. Address and Telephone No.<br>P. O. Box 10340, Midland, TX 79702-7340 (915) 682-6822                                  |  | 7. If Unit or CA, Agreement Designation                          |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>2050' FSL & 1750' FEL, Section 17, T24S, R31E |  | 8. Well Name and No.<br>Patton 17 Federal #4                     |
|   |  | 9. API Well No.  |
|   |  | 10. Field and Pool, or Exploratory Area<br>Wildcat (Bone Spring) |
|   |  | 11. County or Parish, State<br>Eddy County, NM                   |

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                | TYPE OF ACTION                                      |
|---|---|
| <input type="checkbox"/> Notice of Intent         | <input type="checkbox"/> Abandonment                |
| <input type="checkbox"/> Subsequent Report        | <input type="checkbox"/> Recompletion               |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back              |
|   | <input type="checkbox"/> Casing Repair              |
|   | <input checked="" type="checkbox"/> Altering Casing |
|   | <input type="checkbox"/> Other                      |
|   | <input type="checkbox"/> Change of Plans            |
|   | <input type="checkbox"/> New Construction           |
|   | <input type="checkbox"/> Non-Routine Fracturing     |
|   | <input type="checkbox"/> Water Shut-Off             |
|   | <input type="checkbox"/> Conversion to Injection    |
|   | <input type="checkbox"/> Dispose Water              |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Pogo Producing Company respectfully request the following changes for the drilling of the above captioned well. The TD will be changed from 9700' to 8500' and the casing and hole sizes will be altered as shown below. In the event a thief zone is encountered while drilling the 9-7/8" portion of the well, a 7-5/8" casing/DV packer will be set in the nearest competent formation located above the zone. Cement will be circulated to surface on this string. The 4-1/2" casing will be cemented so that TOC is located 500' minimum above the DV/pkr.

| Hole Size | Csg Size Grade | Csg Wgt | Depth       | Cement        |
|-----------|----------------|---------|-------------|---------------|
| 14-3/4"   | 10-3/4 H-40    | 32.75#  | 650'        | 550 sks circ  |
| 9-7/8"    | 7-5/8" J-55    | 26.40#  | 4200'       | 1200 sks circ |
| 6-3/4"    | 4-1/2" N-80    | 11.60#  | 0'-1000'    |               |
| 6-3/4"    | 4-1/2" J-55    | 11.60#  | 1000'-7000' | 1400 sks "H"  |
| 6-3/4"    | 4-1/2" N-80    | 11.60#  | 7000'-8500' | TOC 3200'     |

14. I hereby certify that the foregoing is true and correct

Signed Richard A. Whitley Title Division Operations Manager Date 11/10/97

(This space for Federal or State office use)

Approved by Richard A. Whitley Title Acting State Director Date 11/26/97

Conditions of approval, if any: