# OCD-ARTESIA

Form 3160-5 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

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N	M-29233	

SUNDRY NOTICES AND REPO Do not use this form for proposals to abandoned well. Use Form 3160-3 (AP	NM-29233 6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLICATE- Other instru	dibris on Poverse side!	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Gas Well Other JAN 3 0 2008		8 Well Name and No. Federal 12 #12		
2 Name of Operator Pogo Producing Company OCD-ARTESIA		9. API Well No.		
3a Address 3b. Phone No. (include area code)		30-015-35291		
P.O. Box 10340, Midland, TX 79702	10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Livingston Ridge Delaware			
2010' FSL & 2310' FEL, Section 12, T22S,	11. County or Parish, State Eddy County, NM			
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA				
TYPE OF SUBMISSION TYPE OF ACTION				
	Deepen Production (St Fracture Treat Reclamation New Construction Recomplete	art/Resume) Water Shut-Off Well Integrity Sother Extend APD		
Subsequent Report Casing Repair Change Plans	Plug and Abandon Temporarily A			
Final Abandonment Notice Convert to Injection	Plug Back Water Disposal			
Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)  Pogo Producing Company respectfully request permission to extend the APD for the above captioned well. Pogo plans on including this well in the drilling schedule for next year.  APPROVED FOR MONTH PERIOD ENDING.				
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	ı			
Cathy Wright	Title	Sr. Eng Tech		
Signature Call 1/18/ht	Date	09/21/07		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE				
Approved by /s/.James Stovall FilELD MANAGERate JAN 16 2008				
Conditions of approval, if any, are attached. Approval of this notice decertify that the applicant holds legal or equitable title to those rights in which would entitle the applicant to conduct operations thereon.	oes not warrant or the subject lease Office CARL	SBAD FIELD OFFICE		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.



# PECOS DISTRICT CONDITIONS OF APPROVAL

OPERATOR'S NAME: POGO PRODUCING CO.

LEASE NO.: | NM-29233

WELL NAME & NO.: | FEDERAL 12 12

SURFACE HOLE FOOTAGE: | 2010' FSL & 2310' FEL

LOCATION: | Section 12, T. 22 S., R 31 E., NMPM

COUNTY: | Eddy County, New Mexico

#### I. DRILLING

## A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified a minimum of 2 hours in advance for a representative to witness:

- a. Spudding well
- b. Setting and/or Cementing of all casing strings
- c. BOPE tests

## **Eddy County**

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (505) 361-2822

- 1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
- 2. Although Hydrogen Sulfide has not been reported in this section, it is always a possible hazard. It has been reported in R.32E. If Hydrogen Sulfide is encountered, please report measured amounts to the BLM.

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### B. CASING

- 1. The 13-3/8 inch surface casing shall be set at approximately 800 feet or 25 feet into the top of the Rustler Anhydrite and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement).
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
  - d. If cement falls back, remedial action will be done prior to drilling out that string.
- 2. The minimum required fill of cement behind the <u>8-5/8</u> inch intermediate casing is:
  - Cement to surface. If cement does not circulate see B.1.a-d above.
- 3. The minimum required fill of cement behind the <u>5-1/2</u> inch production casing is:
  - Cement should tie-back at least 500 feet into previous casing string. Operator shall provide method of verification.
- 4. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

#### C. PRESSURE CONTROL

- 1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
- 2. The appropriate BLM office shall be notified a minimum of 2 hours in advance for a representative to witness the tests.
  - a. The tests shall be done by an independent service company.

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- b. The results of the test shall be reported to the appropriate BLM office.
- c. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- d. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.

Engineer on call phone (after hours): Carlsbad: (505) 706-2779

LB/JDW 1/10/08

