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Form 3160-5 UNITED STATES (April 2004) DEPARTMENT OF THE INTERIOR PLIP EATLOR LAND MANAGEMENT					FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007		
SUNDRY NOTICES AND REPORTS ON WELLS					5. Lease Serial No. NM-38464		
Form 3160-5 (April 2004)  DEPARTMENT OF THE INTERIOR  BUREAU OF LAND MANAGEMENT  26 2007  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE- Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well  Gas Well Other					8. Well Name and No. Pure Gold A Federal #12		
2 Name of Operator Pogo Producing Company					9. API Well No.		
3a. Address 3b. Phone No. (include area code) P.O. Box 10340, Midland, TX 79702 432-685-8100					30-015-35303  10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R, M., or Survey Description)					Sand Dunes Delaware West  11. County or Parish, State		
1940' FSL & 1980' FEL, Section 21, T23S, R31E					Eddy County, NM		
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NAT	URE OF NOTICE	REPORT, OF	R OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION						
Attach the Bond under which following completion of the ir	rectionally or recomplete horizonta the work will be performed or pro- avolved operations. If the operation inal Abandonment Notices shall be	lly, give subsurface loca vide the Bond No. on fi n results in a multiple co	Reclamation Recomple n Recomple Temporar Water Dis estimated starting datations and measured side with BLM/BIA. It is proposed to the completion or recompletion or recompletion or recompletion or recompletion.	te ify Abandon posal te of any proposed w and true vertical dept Required subsequent etion in a new intervi-	hs of all pertinent markers a reports shall be filed within al, a Form 3160-4 shall be f	on thereof, and zones. 30 days iled once	
	company respectfull vell. Pogo plans on						
			AF EN	PPROVED FO	DR 2   MONTH F	'ERIOD	
14. I hereby certify that the for Name (Printed/Typed)	regoing is true and correct						
Cathy Wright		Title	:		Sr. Eng Tech		
Signature (	y Wash	Date	e 		09/21/07	·	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by	Don Peterson		FIELD N	/IANAGE	Pate		
Conditions of approval, if any, ar	e attached. Approval of this notic	e does not warrant or	}				

which would entitle the applicant to conduct operations thereon. 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.

certify that the applicant holds legal or equitable title to those rights in the subject lease

# PECOS DISTRICT CONDITIONS OF APPROVAL

OPERATOR'S NAME: POGO PRODUCING CO.

LEASE NO.: | NM-38464

WELL NAME & NO.: | PURE GOLD A 12

SURFACE HOLE FOOTAGE: 1940' FSL & 1980' FEL

LOCATION: | Section 21, T. 23 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. Gamma-Ray/Neutron logs shall be run from the base of the Salado formation to the surface. The logs shall be run at a speed which allows the logs to be legible and no faster than manufactures of the logging tools recommended speed. (R-111-P area only)

#### B. CASING

- 1. The <u>13-3/8</u> inch surface casing shall be set at <u>approximately 550 feet or 25 feet into</u> 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. Casing to be set not less than 100 feet and not more than 600 feet below the salt. Intermediate casing should be set in the Basal Anhydrite or Lamar Limestone at approximately 4100 feet.
- 3. The minimum required fill of cement behind the 5-1/2 inch production casing is:
  - Cement to surface. If cement does not circulate, contact the appropriate BLM office.
- 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.
- 5. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

#### C. PRESSURE CONTROL

- 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. <u>A 2000 (2M) psi BOPE system has been approved per Sundry Notice</u> dated 8/6/07.
- 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.
  - 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 10/25/07