Form 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires. July 31, 2010

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. OCD-ARTESIA OCT 18 2007 NMNM34657  OCD-ARTESIA IT Indian, Allottee or Tribe Name							
SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or CA/Agre	ement, Name and/or No.	
1. Type of Well ☐ Oil Well ☐ Other ☐ Oil Well ☐ Other					8 Well Name and No. PENNY PINCHEI	R FEDERAL 1 /	
Name of Operator					9 API Well No. 30-015-35215-00-X1		
3a. Address P O BOX 227 ARTESIA, NM 88211-0227		3b. Phone No (include area code) Ph: 505.748.3303			10. Field and Pool, or Exploratory LUSK MORROW WEST (GAS)		
4. Location of Well (Footage, Sec., Sec 21 T19S R31E NWNW 6	1)			11. County or Parish, and State  EDDY COUNTY, NM			
Sec 21 1195 R31E NWINW C				EDDY COUNTY, NIM			
12. CHECK APP	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION						
Notice of Intent	· ' -		_		ion (Start/Resume)	□ Water Shut-Off	
Subsequent Report	Alter Casing		☐ Fracture Treat		ation	□ Well Integrity	
_	Casing Repair			□ Recomp		<b>⊠</b> Other	
☐ Final Abandonment Notice	-			_	arily Abandon		
	Convert to Injection	☐ Convert to Injection ☐ Plug Back ☐ Water		□ Water I	)isposal		
Attach the Bond under which the w following completion of the involve testing has been completed. Final A determined that the site is ready for Marbob Energy Corporation approved APD.	ed operations. If the operation in Abandonment Notices shall be f final inspection.)	results in a multir iled only after all	ole completion or re requirements, incl	ecompletion in a uding reclamati	a new interval, a Form 3	160-4 shall be filed once	
Appnd 10.23:06.				api Eng	PROVED FOR 24 DINGID-Z3	MONTH PERIOD	
14. I hereby certify that the foregoing	is true and correct.  Electronic Submission	#56265 verific	by the RI M Ma	ll Information	System		
Cor	For MARBOB EN	IERGY CORP¢	RÁTION, sent t	o the Carlsba	d <sup>*</sup>		
Name (Printed/Typed) NANCY	Joseph My ALB		DEPARTME				
77 / 1000							
Signature (Electronic	Date 09/06/2						
$\sim$ $\sim$	THIS SPACE F	OR FEDERA	L OR STATE	OFFICE U	SE		
Approved By		Title AFM		DateOliolo			
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject leads which would entitle the applicant to conduct operations thereon.			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: MARBOB ENERGY CORP.

LEASE NO.: | NM-34657

WELL NAME & NO.: | PENNY PINCHER FEDERAL 1

SURFACE HOLE FOOTAGE: | 660' FNL & 990' FWL

LOCATION: Section 21, T. 19 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. A Hydrogen Sulfide (H2S) Drilling Plan should be activated 500 feet prior to drilling into the **Yates** formation.
- 2. 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.
- 3. When floor controls are required, (3M or Greater) controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

#### B. CASING

- 1. The 13-3/8 inch surface casing shall be set at 500 feet 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 surface. If cement does not circulate, contact the appropriate BLM office.
- 3. The minimum required fill of cement behind the 5-1/2 inch production casing is:
  - Cement should tie-back at least 200 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.
  - 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.
- e. BOP/BOPE must be tested by an independent service company within 500 feet from the top of the <u>Wolfcamp</u> formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.
- f. A variance to test the surface casing and BOP/BOPE to the reduced pressure of **1000** psi with the rig pumps is approved.

### D. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the <u>Wolfcamp</u> formation, and shall be used until production casing is run and cemented.

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

LB 10/15/07