Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 201

5. Lease Serial No. 1221ND2772

6. If Indian, Allottee or Tribe Name UTE MOUNTAIN UTE

# 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. 7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. 1. Type of Well 8. Well Name and No Other Oil Well Gas Well UTE MOUNTAIN UTE #93 2. Name of Operator Huntington Energy, L.L.C. 9. API Well No 30-045-35053 3a. Address 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area Barker Creek - Dakota Pool 908 N.W. 71st St., Oklahoma City, OK 73116 405-840-9876 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 11. Country or Parish, State San Juan Co., NM Sec 15-32N-14W 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Water Shut-Off Deepen Production (Start/Resume) ✓ Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity New Construction Casing Repair Recomplete Subsequent Report Change Plans Plug and Abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) Huntington Energy, L.L.C. requests to change the production hole size to 7 7/8" and make changes to the cement plan for the surface and production casing. The cementing program has changed to account for the volume. The Production Casing change was done to facilitate the drilling rig size of drill pipe. Attached is the revised Operations Program. The Operations changes are highlighted on the attached revised program. RCVD NOV 15'10 DIL CONS. DIV. DIST. 3 RECEIVED NOV - 3 2010 Burnau of Land Management Ourango, Colorado 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Catherine Smith Title Regulatory Date 11/02/2010 Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by

(Instructions on page 2)

entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached. Approval of this notice does not warranfor certify that the applicant holds legal or equitable title to those rights in the subject lease which would

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

A.

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,

Title

Office

MEMOCD

#### **OPERATIONS PLAN**

Well Name:

**Ute Mountain Ute #93** 

**Location:** 

665' FNL, 665' FEL, NENE Sec 15, T-32-N, R-14-W NMPM

San Juan Co., New Mexico

**Formation:** 

Basin Dakota

Elevation:

6921' GR 6936' KB

Formation Tops:	<u>Top</u>	<b>Bottom</b>	<b>RMSL</b>	<b>Contents</b>
Cliff House	Surf	320'		
Menefee	320'	750'	6620'	
Point Lookout	750'	1050'	6190'	
Mancos	1050'	2175'	5890'	gas or water
Gallup (Niobrara)	2175'	2880'	4765'	oil or water
Greenhorn	2880'	2940'	4060'	
Graneros	2940'	3015'	4000'	gas or water
Dakota	3015'	3230'	3925'	gas
Burro Canyon	3230'	3255'	3710'	
Morrison	3255'	3450'	3685'	
TD	3450'			

#### **Logging Program:**

Mud  $\log - 300$ ' to TD

Open hole logs - AIT/GR/SP/CNL/LDT Surface Casing to TD

Cased hole logs- CBL/GR - TD to surface

Cores & DST's - none

## Mud Program:

Interval	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	Fluid Loss
0 - 300	Spud	8.4-9.0	40-50	no control
300° - 3450°	Clean Faze	8.4-9.0	32-40	≤10 cc

Pit levels will be visually monitored to detect gain or loss of fluid control.

#### Casing Program (as listed, the equivalent, or better):

	Hole Size	Depth Interval	Csg. Size	<u>Wt.</u>	Grade
	12 1/4"	0 - 300	8 5/8"	24#	LS-J55
	7 1/8"	0 - 3450	4 1/2"	10.5#	J-55
Tubir	ig Program:				
Tuon	ig 110grain.	0 - 3450	2 3/8"	4.7#	J-55

# **BOP Specifications, Wellhead and Tests:**

#### Surface to TD -

11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

2" nominal, 3000 psi minimum choke manifold (Reference Figure #2).

#### **Completion Operations:**

7 1/16" 3000 psi double gate BOP stack (Reference Figure #1). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

#### Float Equipment:

8 %" surface casing – saw tooth guide shoe.

Centralizers will be run in accordance with Onshore Order #2.

4 ½" production casing – guide shoe and self-fill float collar. Standard centralizers run every other joint above shoe. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

#### Wellhead:

8 5/8" x 4 ½" x 2 3/8" x 5000 psi tree assembly.

#### General:

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in the daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

### **Cementing:**

8 5/8" surface casing -

Cement to surface w/240 sx Premium cement 2% Calcium Chloride and 1/4# Flocele (280 cu. ft. of slurry). WOC 8 hours before pressure testing or drilling out from under surface casing.

4 1/2" production Casing -

Lead with 255 sx San Juan PRB-2, 5# Gil/sk + .25#/sk Superflake (570 cu ft of slurry – est top of cement: surface). Tail w/200 sx San Juan PRB-2, 5# Gil/sk + .25#/sk Superflake (398 cu ft of slurry – est top of tail cement: 2050').

Note: 50% excess cement will be used unless open hole logs are run, then 25% excess cement over caliper will be pumped. Cement will be circulated to surface.

Float guide shoe/float collar ran on bottom jt. Bowspring centralizers will be run in accordance with Onshore Order #2.

• If hole conditions permit, an adequate water space will be pumped ahead of each cement job to prevent cement/mud contamination or cement hydration.

# Additional Information:

- The Dakota formation will be completed. If non-commercial, the Mancos will be secondary objectives.
- No abnormal temperatures or hazards are anticipated. H2S is not anticipated.
- Anticipated pore pressure for the Dakota is 750 psi. Maximum bottom hole pressure at TD is 800 psi.
- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation
  is encountered.
- The northeast quarter of Section 15 is dedicated to this well. This gas is dedicated.