Fo. 3160-5 (August 2007)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

# BUREAU OF LAND MANAGEMENT

# SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No. 1221ND2772

6 If Indian Allottee or Tribe Name

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				<b>n</b> UTE	UTE MOUNTAIN UTE			
				7. If	7. If Unit of CA/Agreement, Name and/or No.			
1. Type of Well								
Oil Well					8. Well Name and No. UTE MOUNTAIN UTE #103 9. API Well No. 30-045-35056			
				9. AF 30-0				
3a, Address		3b. Phone No.	(include area co	· · · · · · · · · · · · · · · · · · ·		Exploratory Area		
908 N.W. 71st St., Oklahoma City, OK 73116		405-840-987	3 ·		er Creek - Dako			
4. Location of Well (Footage, Sec., T., Lot H, 1410' FNL & 1070' FEL Sec 16-32N-14W	R.,M., or Survey Description	n)		<b>I</b>	ountry or Parish, Juan Co., NM	State		
12. CHEC	CK THE APPROPRIATE BO	OX(ES) TO IND	ICATE NATUR	E OF NOTICE, RE	PORT OR OTHI	ER DATA		
TYPE OF SUBMISSION	·		T	YPE OF ACTION				
Notice of Intent	Acidize Alter Casing	Deep Fracti	en ure Treat	Production Reclamation	(Start/Resume)	Water Shut Well Integr		
Subsequent Report	Casing Repair	New 1	Construction	Recomplete		Other		
<i>-</i>	Change Plans		and Abandon	Temporarily				
Final Abandonment Notice  13. Describe Proposed or Completed O	Convert to Injection	Plug		Water Dispo				
determined that the site is ready for Huntington Energy, L.L.C. requ program has now changed to accou Attached is the revised Operations	rests to change hole size f unt for the volume. The Si	urface and Prod	luction Casing	4". The producion changes were do	hole size chang ne to facilitate th	e to 7 7/8". The ne drilling rig size RCVD NOV SOIL COMS.	of drill pipe. 1'10 DIV.	
		•	•			PECEIN	/ED	
						NOV - 3 2	010	
	•			·	<b>Surc</b>	neu of Lend Mar Durengo, Colo	negement redo	
14. I hereby certify that the foregoing is t Catherine Smith	rue and correct. Name (Printe	ed/Typed)	Title Regulat	orv				
Signature Cally S	mil		Date 11/02/2					
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OFFICE	USE			
Approved by	17	7	Title	AMSC		Date (/3	12010	
Conditions of approval, if any, are attached that the applicant holds legal or equitable the entitle the applicant to conduct operations	title to those rights in the subje	s not warrant or o ect lease which wo	ertify uld Office	5/	m	v · l	!	

(Instructions on page 2)

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



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,

#### **OPERATIONS PLAN**

Well Name:

**Ute Mountain Ute #103** 

Location:

Lot H, 1410' FNL & 1070' FEL, SENE, Sec 16, T32N-R14W

San Juan Co., New Mexico

Formation:

Basin Dakota

Elevation:

7112' GR

Formation Tops:	TVD Top	<b>Contents</b>
Menefee	Surface	
Point Lookout	997'	
Mancos	1377;	gas or water
Gallup (Niobrara)	2357	oil or water
Greenhorn	3077	
Graneros	3132	gas or water
Dakota	3197	gas or water
Burro Canyon	3412	_
Morrison	3497	
TD	3700	

## Logging Program:

Mud log - 550° 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>Tvpe</u>	<b>Weight</b>	Vis.	Fluid Loss
0-550'	Spud	8.4-9.0	40-50	no control
550-3700'MD	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):

Caning 110gram (an	more and equivalency of the	octici ).		
Hole Size	Depth Interval 0-550 ' 425'	Csg. Size 8 %"	Wt. 24#	Grade J-55
7 %" <u>Tubing Program:</u>	0 – 3700° MD	4 ½"	10.5#	J-55
	$0 - 3700^{\circ} \text{ MD}$	2 3/8"	<b>4</b> .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. Drilling Spool may or may not be employed.

#### **Completion Operations:**

7 1/16" 3000 psi double gate BOP stack (Reference Figure #1). After nipple-up prior to completion, pipe rams, and casing 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 1/2" 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.

\* as per phase converation W/ Cuty Smith (HE), 11/3/2010 dir

<sup>2&</sup>quot; nominal, 3000 psi minimum choke manifold (Reference Figure #2).

Page Two

\*Revised: Vertical Drill

#### 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/375 sx Premium cement 2% Calcium Chloride and ½# Flocele (439 cu. ft. of slurry). WOC 8 hours before pressure testing or drilling out from under surface casing.

4 1/2" production Casing -

Lead with 286 sx San Juan PRB-2, 5# Gil/sk + .25#/sk Superflake (641 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: 2300°).

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 objective.
- No abnormal temperatures or hazards are anticipated. No H2S is anticipated.
- Anticipated pore pressure for the Dakota is 750 psi. Maximum bottom hole pressure at TD is 1150 psi. (Maximum expected pressure: This represents normal pressure gradients for the Morrison and Dakota Formation in this area.)
- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered.
- The northeast quarter of Section 16 is dedicated to this well. This gas is dedicated.