

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1 Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **Burlington Resources Oil & Gas Company**

3a Address
c/o Huntington Energy, 908 N.W. 71st St., OKC, OK73116

3b Phone No (include area code)
405-840-9876

4. Location of Well (Footage, Sec., T., R., M, or Survey Description)

**SESW Lot N, 1075' FSL & 1340' FWL
Sec 16-32N-14W**

5. Lease Serial No
I22IND2772

6 If Indian, Allottee or Tribe Name
Ute Mountain Ute

7. If Unit or CA/Agreement, Name and/or No.

8 Well Name and No.
Ute Mountain Ute #78

9. API Well No.
30-045-34471

10. Field and Pool, or Exploratory Area
Barker Creek-Dakota Pool

11 County or Parish, State
San Juan Co., NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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., as agent for Burlington Resources Oil & Gas Co., L.P., requests to change the 7-7/8" 29.7# P-110 Surface Casing to 8-5/8" 24# J-55 Surface Casing on the Application for Permit to Drill Operations Plan, which was approved 9/28/2007. The hole size will remain 11".



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OCT 26 2007

**Bureau of Land Management
Durango, Colorado**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Catherine Smith

Title **Huntington Energy, L.L.C., Agent for Burlington Resources**

Signature

Catherine Smith

Date

10/22/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

(S) **DAN RABINOWITZ**

ACTIVE

MINERALS STAFF CHIEF

Date **NOV 14 2007**

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

(Instructions on page 2)

NAACD

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OPERATIONS PLAN – Revised 11/13/2007

Well Name: Ute Mountain Ute #78
Location: 1245' FSL, 1025' FWL, SWSW Sec 16, T-32-N, R-14-W NMPM
San Juan Co., New Mexico
Formation: Dakota
Elevation: 6318' GR 6334' KB

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>RMSL</u>	<u>Contents</u>
Menefee	Surf	199'		
Point Lookout	199'	694'	6135'	
Mancos	694'	1584'	5640'	
Gallup (Niobrara)	1584'	2304'	4750'	oil or water
Greenhorn	2304'	2359'	4030'	
Graneros	2359'	2429'	3975'	
Dakota	2429'	2714'	3905'	gas or water
Morrison	2714'	3700'	3620'	gas
TD	3700'			

Logging Program:

Mud log – 300' to TD
Open hole logs – AIT/GR/SP - TD to surface casing; NEU/DEN – TD to 1500'
FMI/Dipmeter – interval to be determined
Cased hole logs– CBL/GR – TD to surface
Cores & DST's – none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0 – 300'	Spud	8.4-9.0	40-50	no control
0 - 3700'	LSND	8.4-9.0	40-60	no control

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

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
11"	0 – 300'	8 5/8"	24#	J-55
6 1/4"	0 – 3700'	4 1/2"	10.5#	J-55

Bureau of Land Management
Durango, Colorado

Tubing Program:

0 – 3700'	2 3/8"	4.7#	J-55
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BOP Specifications, Wellhead and Tests:

Surface to TD –

11" 2000 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, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations:

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Float Equipment:

8 5/8" surface casing – saw tooth guide shoe.
Centralizers will be run in accordance with Onshore Order #2.

4 1/2" intermediate 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 1/2" x 2 3/8" x 2000 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/150 sx Class A, B Portland Type I, II cement (244 cu. ft. of slurry). WOC 8 hours before pressure testing or drilling out from under surface casing.

4 1/2" production Casing -

Lead with 377 sx Premium Lite w/3% calcium chloride, 5pps LCM-1, and 1/4#/sack flocele, 0.4% FL-52, & 0.4% SMS. Tail w/90 sx Type III cement w/1% calcium chloride, 1/4#/sack flocele and 0.2% FL-52 (928 cu. ft., 50% excess to circulate to surface.)

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

Saw tooth guide shoe on bottom. 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 Morrison and Gallup will be secondary objectives.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressure for the Dakota is 750 psi.
- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered.
- The southwest quarter of Section 16 is dedicated to this well. This gas is dedicated.

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