Form 3160-5
(August 2007)

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Farmington Field Office
Bureau of Land Management

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5 Lease Serial No: **SF-078385A**

6 If Indian, Allottee or Tribe Name:

7 If Unit of CA/Agreement, Name and/or No:

1 Type of Well: [ ] Oil Well [X] Gas Well [ ] Other

8 Well Name and No: **HOWELL L #1**

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

9. API Well No: **30-045-09277**

3a. Address: **PO Box 4289, Farmington, NM 87499**

3b Phone No. (include area code): **(505) 326-9700**

10 Field and Pool or Exploratory Area: **Blanco Mesaverde**

4 Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: **Surface UNIT N, 990' FSL & 1650' FWL, Sec. 23, T30N, R8W**

11 Country or Parish, State: **San Juan , New Mexico**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[ ] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other **Water Isolation Possible Casing Repair**
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] 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)

Burlington Resources requests permission to check for casing leak or to isolate water in the subject well per the attached procedure and wellbore schematic.

Notify NMOCD 24 hrs prior to beginning operations

RCVD SEP 6 '12
OIL CONS. DIV.
DIST. 3

* Notify agencies of any csg leaks discovered.
# Receive approval from agencies prior to performing any cement work.

14 I hereby certify that the foregoing is true and correct Name *(Printed/Typed)*: **Denise Journey**

Title: **Regulatory Technician**

Signature: Denise Journey

Date: **8/27/2012**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: **Original Signed: Stephen Mason**

Title

Date: SEP 04 2012

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

(Instruction on page 2)

NMOCD

PC

ConocoPhillips
HOWELL L 1
Expense - Repair Casing

Lat 36° 47' 33.252" N Long 107° 38' 52.512" W

PROCEDURE

1 Hold pre-job safety meeting Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig

2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact engineer to review complete BH history and get a gas analysis done.**

3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation

4. RU blow lines from casing valves and begin blowing down casing pressure Kill well with 2% KCl, if necessary

5. ND wellhead and NU BOPE PU and remove tubing hanger and tag for fill, adding additional joints as needed Record fill depth in Wellview.

6. TOOH with Tubing (per pertinent data sheet)

Use Tuboscope Unit to inspect tubing and record findings in Wellview. **Make note of corrosion, scale, or paraffin and save a sample to give to the engineer for further analysis.** LD and replace any bad joints. If needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume

7 Pick up 4-1/2" string mill and bit and clean casing to 5574'.

8 TOOH and pick up 4-1/2" RBP and packer. Set RBP at 4793'. Set packer at 4773' Test RBP to 600# Release packer and load casing with KCl. Test casing to 600 psi for 30 minutes

9a. If the casing doesn't test, look for the hole. Call engineer to discuss squeeze procedure

9b If the casing does test, call engineer to discuss procedure for isolating and flow testing individual zones Squeeze water zone, then continue with procedure.

10. If fill is tagged, PU bailer and CO to near the end of casing at 5574' If fill is too hard or too much to bail, utilize the air package **Save a sample of the fill and contact engineer for further analysis.**

11. TOOH LD tubing bailer (if applicable) If fill could not be CO to PBTD, please call Production Engineer to inform how much fill was left and confirm/adjust landing depth.

12. TIH with tubing using Tubing Drift Procedure (detail below).

Run Same BHA:	Yes		
Tubing Drift ID:	1 901"	**Tubing and BHA Description**	
		1	2-3/8" Muleshoe/Expendable Check
Land Tubing At:	5366'	1	2-3/8" x 1.81" F-Nipple
KB:	13'	1	2-3/8" 4.7# J-55 Tubing Joint
		1	2-3/8" 4.7# J-55 Sub Pup Joint (2')
		171	2-3/8" 4.7# J-55 Tubing Joints
		X	2-3/8" 4 7# J-55 Pup Joints (as necessary to achieve landing depth)
		1	2-3/8" 4.7# J-55 Tubing Joint

13. If there is an air package on location, skip to the next step Run standing valve on shear tool, load tubing, and pressure test to 500#. Monitor pressure for 15 mins, and make a swab run to remove the fluid from the tubing. Retrieve standing valve

14. ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows. pump 3 bbls pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 mins , then complete the operation by pumping off the expendable check. Note in Wellview the pressure in which the check pumped off. Notify the MSO that the well is ready to be turned over to Production Operations Make swab run to kick-off the well, if necessary, then RDMO.

Tubing Drift Check

Procedure

1. Set flow control in tubing. With air, on location, use expendable check With no air on location, use wire line plug

2 RU drift tool to a minimum 70' line Drift tool will have an OD of at least the API drift specification of 1.901" for the 2 3/8",4.7# tubing, and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck

3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.

4. In order to stimulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked The maximum allowable wear of the tool is 003".

Schematic - Current

ConocoPhillips

HOWELL L #1

District	Field Name	API / UWI	County	State/Province	Edit
NORTH	BLANCO MESAVERDE (PRORATED GAS	3004509277	SAN JUAN	NEW MEXICO	

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
10/11/1951		1,650 00	W	990 00	S

Well Config: - OH ST1, 8/7/2012 9 18 18 AM