

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Jun 19, 2008

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. <b>30-045-21985</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-286-23
7. Lease Name or Unit Agreement Name <b>Brookhaven Com A</b>
8. Well Number <b>2A</b>
9. OGRID Number <b>14538</b>
10. Pool name or Wildcat <b>Blanco PC / Blanco MV</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6105' GR

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

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

3. Address of Operator  
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location  
 Unit Letter **J** : **1650** feet from the **South** line and **1480** feet from the **East** line  
 Section **16** Township **31N** Range **10W** NMPM **San Juan County**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE OTHER: <u>Remove Packer &amp; Commingle</u>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources requests permission to remove packer on subject well and commingle production from Blanco Pictured Cliffs and Blanco Mesaverde per the attached procedures & wellbore schematic. DHC application will be submitted. The work will not be started until the DHC application has been approved.

OIL CONS. DIV DIST. 3

APR 07 2015

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Arleen White TITLE Staff Regulatory Technician DATE 4/7/15

Type or print name Arleen White E-mail address: arleen.r.white@conocophillips.com PHONE: 505-326-9517

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DISTRICT # 3 DATE 4-22-15  
 Conditions of Approval (if any): RV

5  
A

**ConocoPhillips**  
**BROOKHAVEN COM A 2A**  
**WO - Commingles**

Lat 36° 53' 44.7" N

Long 107° 52' 59.376" 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 workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact Wells Engineer.**
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. **Note: This is a dual well with a packer.** Kill well with 2% KCl as necessary. Ensure well is dead or on a vacuum. If necessary, set CW plugs in the tubing strings to prevent flow from either zone.
4. ND wellhead and NU normal double BOP with 2-3/8" rams and single BOP with offset 1.66" rams and offset spool for short string (1.66" tubing). Function test BOP. Note: Do not pressure test, it is commingled well with dual string.
5. Unseat the hanger of the short string of tubing and TOOH and LD short string from Pictured Cliffs. Make note of corrosion, scale, or paraffin and save a sample to give to engineer for further analysis.
6. Remove offset spool. NU annular BOP.
7. PU on tubing and release seal assembly on 7" **Model D packer with straight pickup.** If seal assembly does not release or POOH, contact Wells Engineer. RU Tuboscope and scan out with 2-3/8" tubing (long string from Mesa Verde). Make note of corrosion, scale, or paraffin and save a sample to give to engineer for further analysis.
8. RIH with packer plucker and mill out slips. Pull packer out of the hole. PU 3-7/8" bit and string mill on 2-3/8" tubing. TIH and CO to PBTD at 5,498' using air. Save a sample of the fill and contact engineer for further analysis. TOOH. LD bit and mill. If fill could not be CO to PBTD at 5,498', contact Wells Engineer to inform how much fill was left and confirm/adjust landing depth.
9. TIH with tubing using Tubing Drift Procedure (detail below).

Tubing Wt/Grade: 4.7 ppf, J-55  
 Tubing Drift ID: 1.901"  
  
 Land Tubing At: 5,340'  
 KB: 12'

Note: Top of liner at 3,050'.

<u>Tubing and BHA Description</u>	
1	2-3/8" Exp. Check
1	1.78" ID "F" Nipple
1	full jt 2-3/8" tubing
1	pup joint (2' or 4')
+/-172	jts 2-3/8" tubing
As Needed	pup joints for spacing
1	full jt 2-3/8" tubing

10. Establish barriers are holding. ND BOP, 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

**NOTE ON PACKER:**

Packer is a 7" Model D packer. It was set in 1976. Straight pull should release the packer assembly.

## Tubing Drift Procedure

### 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 the drift diameter of the tubing to be drifted, 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.

NOTE: All equipment must be kept clean and free of debris. The drift tool will 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 0.003".

District <b>NORTH</b>	Field Name <b>BLANCO MESAVERDE (PRORATED GAS)</b>	API / UWI <b>3004621985</b>	County <b>SAN JUAN</b>	State/Province <b>NEW MEXICO</b>
Original Spud Date <b>3/21/1976</b>	Surface Legal Location <b>NMPM,016-031N-010W</b>	East/West Distance (ft) <b>0.00</b>	East/West Reference	North/South Distance (ft) <b>0.00</b>

Original Hole, 3/16/2015 9:26:42 AM

Vertical schematic (actual)	MD (ftKB)	Formation Tops
	12.1	
	220.1	
1; Surface; 9 5/8 in; 9,001 in; 12.0 ftKB; 221.0 ftKB Surface Casing Cement; 12.0-221.0; 3/22/1976; CEMENT WITH 266 CU FT CIRCULATED TO SURFACE	221.1	
Tubing; 1.66 in; 2.33 lb/ft; J-55; 12.0 ftKB; 2,920.9 ftKB Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 12.0 ftKB; 3,020.0 ftKB	2,500.0	
F NIPPLE; 1.66 in; 2,920.9 ftKB; 2,922.0 ftKB Perforated Joint; 1.66 in; 2,922.0 ftKB; 2,928.0 ftKB Tubing; 1.66 in; 2.33 lb/ft; J-55; 2,928.0 ftKB; 2,959.0 ftKB PERF PICTURED CLIFFS; 2,916.0-2,972.0; 6/1/1976 Hydraulic Fracture; 6/1/1976; FRAC PICTURED CLIFFS WITH 40000# SAND AND 42758 GAL WATER	2,901.9 2,916.0 2,920.9 2,921.9 2,928.1 2,959.0	PICTURED CLI...
Seal Assembly; 2 3/8 in; 3,020.0 ftKB; 3,025.0 ftKB MODEL D PACKER; 3,020.0-3,025.0	2,972.1 3,020.0 3,024.9	
	3,049.9	
	3,190.9	
Intermediate Casing Cement; 2,500.0-3,192.0; 3/27/1976; CEMENT WITH 442 CU FT TOC DETERMINED BY TEMP SURVEY 2; Intermediate1; 7 in; 6,366 in; 12.0 ftKB; 3,192.0 ftKB	3,191.9	
Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 3,025.0 ftKB; 5,385.0 ftKB Hydraulic Fracture; 6/1/1976; FRAC CLIFFHOUSE/MENEFEE WITH 62000# SAND AND 63352 GAL WATER PERF CLIFFHOUSE/MENEFEE; 4,522.0-5,021.0; 6/1/1976	4,522.0 4,615.2 5,021.0	MESA VERDE
	5,109.9	
PERF POINT LOOKOUT; 5,144.0-5,448.0; 6/1/1976 Hydraulic Fracture; 6/1/1976; FRAC POINT LOOKOUT WITH 65000# SAND AND 68922 GAL WATER	5,144.0	POINT LOOKO...
F NIPPLE; 2 3/8 in; 5,385.0 ftKB; 5,386.0 ftKB Perforated Joint; 2 3/8 in; 5,386.0 ftKB; 5,392.0 ftKB Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 5,392.0 ftKB; 5,422.0 ftKB	5,384.8 5,386.2 5,392.1 5,421.9	
	5,448.2	
PBTD; 5,498.0	5,498.0	
Auto cement plug; 5,498.0-5,515.0; 3/31/1976; Automatically created cement plug from the casing cement because it had a tagged depth.	5,514.1	
3; Production1; 4 1/2 in; 4,052 in; 3,050.0 ftKB; 5,515.0 ftKB Production Casing Cement; 3,050.0-5,515.0; 3/31/1976; CEMENT WITH 372 CU FT TOC CALC AT 75% EFF	5,515.1	

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

### Oil Conservation Division

## Northwest New Mexico Packer-Leakage Test

Operator BR Lease Name BROOKHAVEN COM A Well No. 2A

Location of Well: Unit Letter J Sec 16 Twp 031N Rge 010W API # 30-045-21985

	Name of Reservoir or Pool	Type of Prod	Method of Prod	Prod Medium
Upper Completion	PC	Gas	Flow	Tubing
Lower Completion	MV	Gas	Artificial Lift	Tubing

#### Pre-Flow Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In <u>5/22/2014</u>	Length of Time Shut-In <u>129 hours</u>	SI Press. PSIG <u>136</u>	Stabilized?(Yes or No) <u>Yes</u>
Lower Completion	Hour, Date, Shut-In <u>5/22/2014</u>	Length of Time Shut-In <u>177 hours</u>	SI Press. PSIG <u>129</u>	Stabilized?(Yes or No) <u>Yes</u>

#### Flow Test No. 1

Commenced at: <u>5/27/2014 9:24:00 AM</u>		Zone Producing (Upper or Lower): <u>UPPER</u>			
Time (date/time)	Lapsed Time Since*	PRESSURE		Prod Zone Temperature	Remarks
		Upper zone	Lower zone		
<u>5/27/2014 9:34:20 AM</u>	<u>0</u>	<u>136</u>	<u>129</u>		
<u>5/28/2014 9:01:49 AM</u>	<u>24</u>	<u>88</u>	<u>127</u>		
<u>5/29/2014 9:55:35 AM</u>	<u>48</u>	<u>89</u>	<u>127</u>		

Production rate during test

Oil: \_\_\_\_\_ BPOD Based on: \_\_\_\_\_ Bbls. In \_\_\_\_\_ Hrs. \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas \_\_\_\_\_ MCFPD; Test thru (Orifice or Meter) \_\_\_\_\_

#### Mid-Test Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)
Lower Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)

(Continue on reverse side)