

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. 30-045-21985
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 Brookhaven Com A
8. Well Number 2A
9. OGRID Number 14538
10. Pool name or Wildcat Blanco PC / Blanco MV

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**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
.6105' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE

OTHER: Remove Packer & Commingle

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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

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 TOO H 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. TOO H. 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'.

Tubing and BHA Description	
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".



Basic - Schematic - Current
BROOKHAVEN COM A #2A

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

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

Vertical schematic (actual)	MD (ftKB)	Formation Tops
	12.1	
	220.1	
	221.1	
	2,500.0	
	2,901.9	PICTURED CLI...
	2,916.0	
	2,920.9	
	2,921.9	
	2,928.1	
	2,959.0	
	2,972.1	
	3,020.0	
	3,024.9	
	3,049.9	
	3,190.9	
	3,191.9	
	4,522.0	
	4,615.2	MESA VERDE
	5,021.0	
	5,109.9	POINT LOOKO...
	5,144.0	
	5,384.8	
	5,386.2	
	5,392.1	
	5,421.9	
	5,448.2	
	5,498.0	
	5,514.1	
	5,515.1	

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

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

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

Seal Assembly; 2 3/8 in; 3,020.0 ftKB;
3,025.0 ftKB
MODEL D PACKER; 3,020.0-3,025.0

Intermediate Casing Cement; 2,500.0-
3,192.0; 3/27/1976; CEMENT WITH 442
CU FT TOC DETERMINED BY TEMP
SURVEY
2; Intermediate; 7 in; 6,366 in; 12.0 ftKB;
3,192.0 ftKB

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

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
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

PBTD; 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.
3; Production; 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

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

Flow Test No. 1

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

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)