

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 05 2010

## Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management  
Lease Number  
NM-10431

1. Type of Well  
GAS
2. Name of Operator  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP
3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700
4. Location of Well, Footage, Sec., T, R, M  
Unit A (NENE), 790' FNL & 790' FEL, Section 13, T29N, R4W, NMPM
6. If Indian, All. or  
Tribe Name
7. Unit Agreement Name
8. Well Name & Number  
Burns Ranch 1
9. API Well No.  
30-039-22116
10. Field and Pool  
Campo Gallup
11. County and State  
San Juan, NM

## 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action		
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Other —
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing	
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off	
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection	

## 13. Describe Proposed or Completed Operations

Burlington Resources requests permission to P&A the subject well per the attached procedure and current wellbore schematic.

Notify NMOCD 24 hrs  
prior to beginning  
operations

RCVD OCT 12 '10  
OIL CONS. DIV.  
DIST. 3

## 14. I hereby certify that the foregoing is true and correct.

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 10/5/2010

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_

Date OCT 06 2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

**ConocoPhillips**  
**BURNS RANCH 1 (GP)**  
Expense – P&A

Lat 36° 43' 48" N

Long 107° 11' 57.228" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield. **Plug Depth may change per CBL.**

1. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. This well has bad casing (split) at 429' and it was difficult to pass a 3.875" overshot tool to fish out the 2.375" tubing at 7366'; the fish was recovered. Hence, we plan to set and tag the first plug with out a CIBP. Rods: Yes       , No X, Unknown         
Tubing: Yes X, No       , Unknown       , Size 2-3/8", Length 7436'  
Packer: Yes       , No X, Unknown       , Type         
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.
4. **Plug #1 (Gallup top, 7250' – <sup>7082</sup>~~7450~~):** RIH w/ 4.5" CIBP and set at 7250'. **Run CBL from 7250' to Surface.** Pressure test the casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate. Mix ~~12~~ sxs Class B cement and spot a balanced plug inside the casing to isolate the Gallup top. PUH and WOC. Tag cement; PUH to 5812'.
5. **Plug #2 (Mesaverde tops: <sup>20</sup>5812' – <sup>20</sup>5712'):** Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Mesaverde tops. PUH and WOC. Tag cement; PUH to 4946'.
6. **Plug #3 (Chacra top: <sup>4620</sup>4946' – <sup>4520</sup>4846'):** RIH w/ 4.5" Cement Retainer and set at <sup>4620</sup>4846'. Mix ~~12~~ sxs Class B cement and pump into the Cement Retainer to isolate the Chacra tops. PUH to 4946'.
7. **Plug #4 (Pictured Cliffs and Fruitland top: 3675'- 3420'):** RIH w/ 4.5" Cement Retainer and set at 3420'. Mix 24 sxs Class B cement and pump into the Cement Retainer to isolate the Fruitland and Pictured Cliffs tops. PUH to 3398'.
8. **Plug #5 (Kirtland and Ojo Alamo tops: 3398'- 3168'):** Mix 22 sxs Class B cement and spot a balanced plug inside the casing to isolate the Ojo Alamo tops. PUH and WOC. Tag cement; PUH to 1871'.

- 1982 1882 1982
9. **Plug #6 (Nacimiento Top: 1871'- 1771')**: Perforate at 1871'. TIH w/ cement retainer and set at 1821'. Mix 61 sxs Class B cement and squeeze 29 sxs outside the 4.5" casing and leave 12 inside the casing to isolate the Nacimiento top. PUH and WOC. Tag cement; PUH to 270'.
10. **Plug #7 (10.75" Surface casing shoe, 270' - Surface)**: RIH and perforate at 270'. Then, establish circulation out casing valve with water. Mix approximately 54 sxs cement and spot a balanced plug from 270' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth. Fill the inside of the 7" casing from 270' and the annulus from the perforation depth to surface. Shut in well and WOC.
11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

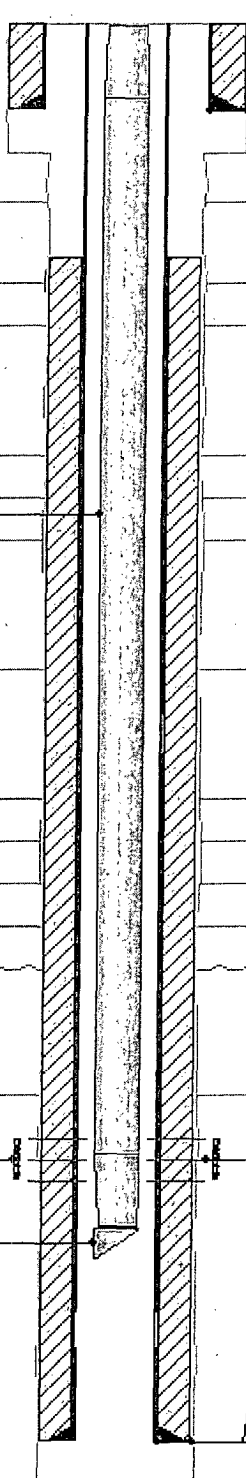
# Current Schematic

ConocoPhillips

Well Name: BURNS RANCH #1

API/DWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003922116	NM PM D13-029N-000W	CAMPO GALLUP (GAS)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,983.00	6,995.00	12.00				

Well Config: - BURNS RANCH 1, 9/20/2010 3:59:09 PM

ftKB (MD)	Schematic - Actual	Frm Final
12	 <p>Surface Casing Cement, 12-236, Cement w/ 250 sx Class B. Circulated 5bbls to surface. Surface Casing, 8 5/8in, 8.097in, 12 ftKB, 236 ftKB</p>	
236		
238		
245		
1,821		NACIMIENTO, 1,821
1,822		
3,218		OJO ALAMO, 3,218
3,348		KIRTLAND, 3,348
3,420		
3,421		
3,470		FRUITLAND, 3,470
3,625	<p>Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 7,435 ftKB</p>	PICTURED CLIFFS, 3,625
3,890		LEWIS, 3,890
4,846		
4,847		
4,896		CHACRA, 4,896
5,494		
5,497		
5,762		CLIFFHOUSE, 5,762
5,802		MENEFEE, 5,802
6,009		POINT LOOKOUT, 6,009
6,477		MANCOS, 6,477
6,998	<p>Gallup, 10/10/1979, Frac'd w/ 33,180 gals of slickwater and 9,400# 20/40 sand. Re-frac'd on 10/12/1979 w/ 24,990 gals of slickwater and 4,200# 20/40 sand. Flush fluid is included in Expendable Check 13,280in, 4.70lbs/ft, J-55, 7,435 ftKB, 7,436 ftKB</p> <p>Gallup, 7,301-7,435, 10/10/1979</p> <p>Production Casing Cement, 2,428-7,639, Cement stage 1 w/ 275 sx of Class B 50/50 poz. TOC at 5700' from CBL (10/9/1979.) Cement stage 2 w/ 740 sx Class B 50/50 poz followed by 50 sx Class B Neat. TOC at 2428' w/ 75% efficiency. Production Casing, 4 1/2in, 4.000in, 12 ftKB, Including an extra 30' cutoff not on pipe tally., 7,639 ftKB</p> <p>PBTD, 7,650 TD, 7,650</p>	
7,250		
7,251		
7,262		GALLUP, 7,262
7,301		
7,435		
7,436		
7,436		
7,573		
7,574		
7,638		
7,639		
7,650		

ConocoPhillips

Well Name: BURNS RANCH #1

# Propose Wellbore

API#	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003922116	NMPM 013-029N-004W	CAMPO GALLUP (GAS)		NEW MEXICO		
Ground Elevation (ft)	Original KB/BT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,983.00	6,995.00	12.00				

Well Config: - BURNS RANCH 1, 9/20/2010 3:59:09 PM

ftKB (MD)	Schematic - Actual	Frm Final
12		
235		
236		
245		
1,821		NACIMIENTO, 1,821
1,822		
3,218		OJO ALAMO, 3,218
3,348		KIRTLAND, 3,348
3,420		
3,421		
3,470		FRUITLAND, 3,470
3,625		PICTURED CLIFFS, 3,625
3,890		LEWIS, 3,890
4,846		
4,847		
4,896		CHACRA, 4,896
5,494		
5,497		
5,762		CLIFFHOUSE, 5,762
5,802		MENEFEE, 5,802
6,009		POINT LOOKOUT, 6,009
6,477		MANCOS, 6,477
6,998		
7,250		
7,251		
7,262		GALLUP, 7,262
7,301		
7,435		
7,435		
7,436		
7,573		
7,574		
7,638		
7,639		
7,650		

Gallup, 10/10/1979, Frac'd w/  
33,180 gals of slickwater and  
9,400# 20/40 sand.  
Re-frac'd on 10/12/1979 w/  
24,990 gals of slickwater and  
4,200# 20/40 sand. Flush  
fluid is included in  
calculation.

PBTD, 7,650  
TD, 7,650

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 1 Burns Ranch

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the Gallup plug to 7082'.
  - b) Place the Mesaverde plug from 5828' – 5728'.
  - c) Place the Chacra plug from 4670' – 4570' inside and outside the 4 ½" casing.
  - d) Place the Nacimiento plug from 1982' – 1882' inside and outside the 4 ½" casing.
  - e) Place the Surface plug from 286' to surface inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.