

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**RECEIVED****MAY 30 2008****Sundry Notices and Reports on Wells**Bureau of Land Management  
Farmington Field Office

1. **Type of Well**  
GAS

5. **Lease Number**  
NMSF-078580

6. **If Indian, All. or  
Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**  
Burlington Resources

3. **Address & Phone No. of Operator**

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. **Well Name & Number**  
POW

9. **Howell C Com 300R  
API Well No.**

4. **Location of Well, Footage, Sec., T, R, M**  
Sec., T—N, R—W, NMPM

Unit A, 140' FNL & 525' FEL, Sec. 7, T30N, R8W NMPM

30-045-28846

10. **Field and Pool**

11. **Basin Fruitland Coal  
County and State**  
San Juan, NM

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA****Type of Submission:**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

**Type of Action:**

☒ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-off

☐ Conversion to Injection

☐ Other :

**13. Describe Proposed or Completed Operations**

Burlington Resources plans to plug & abandon the following well. Please see the attached procedure and WBD.

RCVD JUN 9 '08

OIL CONS. DIV.

DIST. 3

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

Signed

Philana Thompson

Title Regulatory Tech

Date 5/29/08

(This space for Federal or State Office use)

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

Date

**JUN 6 2008**

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**



## Howell C Com #300R

Plug and Abandon

Lat: 36° 46' 22.512" N Long: 107° 39' 21.6" W

Prepared by: Kassadie Gastgeb 5/21/2008

**Scope of work:** Plug and abandon Fruitland Coal POW, Howell C Com 300R.

**Estimated rig days:** 3

**Well data:**

**API:** 30-045-28846

**Location:** 140' FNL, 525' FEL, Section 7, T30N, R8W, San Juan County, New Mexico

**PBTD:** 2957'

**TD:** 2960'

**Perforations:** 2624-2950'

**Well History/ Justification:** The Howell C Com 300R was drilled and completed as a 5-1/2" uncemented liner Fruitland Coal completion in 1993. This well is on the OPE/UPE boundary line but is believed to be inside the OPE boundary. The Howell C Com 300R was redrilled further away from the boundary line than the originally drilled well in this section in an effort to achieve better permeability and higher gas rates. The daily report shows 48' of net coal from 14 stringers spread over 322'. While cavitating in 1993, one-hour pressure build-ups ranged from 400 psi- 475 psi. A Mechanical Integrity Test (MIT) was completed in 2002. At the end of the MIT workover, no packer was set with the tubing to ensure that a MIT could be completed rigless in the future.

**B2 adapters are required on all wells other than pumping wells.**

**Artificial lift on well:** None

**Estimated reservoir pressure:** 110 psi (FRC)

**Well failure date:** Not Applicable (currently a POW)

**Current rate:** N/A

**Estimated post-remedial rate:** N/A

**Earthen pit required:** Yes

**Special requirements:** Notify regulatory body of cementing

**PE production engineer:** Kassadie Gastgeb, Office: 324-5145, Cell: 793- 6312

**PE backup engineer:** Pat Bergman, (832)486-2358

**Area foreman:** Jim Peace, Office: 505-320-0210

## PLUG AND ABANDONMENT PROCEDURE

May 19, 2008

### Howell C Com #300R

Basin Fruitland Coal

140' FNL, 525' FEL, Section 7, T30N, R8W, San Juan County, New Mexico

API 30-045-28846/ Lat: 36° 46' 22.512" N / Long: 107° 39' 21.6" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test location rig anchors. Prepare and line a waste fluid pit. 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. Pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No X, Unknown\_\_\_\_  
Tubing: Yes X, No\_\_\_\_, Unknown\_\_\_\_, Size 2.375", Length 2932'  
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 (Fruitland Coal interval, 7" casing shoe and 5.5" liner top, 2960' – 2248')**: Round trip 5.5" gauge ring to 2348'. TIH and set 7" CR at 2348'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 1000#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 86 sxs Class G cement, squeeze 56 sxs below CR to fill Fruitland Coal perforations and cover FtC top, 7" casing shoe and 5.5" liner top, sting out of CR and spot a balanced plug inside the casing above the CR. PUH.  

1911      165'
5. **Plug #2 (Kirtland and Ojo Alamo tops, ~~1736'~~ – ~~1464'~~)**: Mix and pump 64 sxs Class G cement inside casing and spot a balanced plug to cover the Kirtland and Ojo Alamo tops. PUH to 383'.
6. **Plug #3 (9.625" casing shoe, 383' - Surface)**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 80 sxs Class G cement and spot a balanced plug from 383' 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 and attempt to circulate cement to surface filling the casing and the annulus.

7. 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.

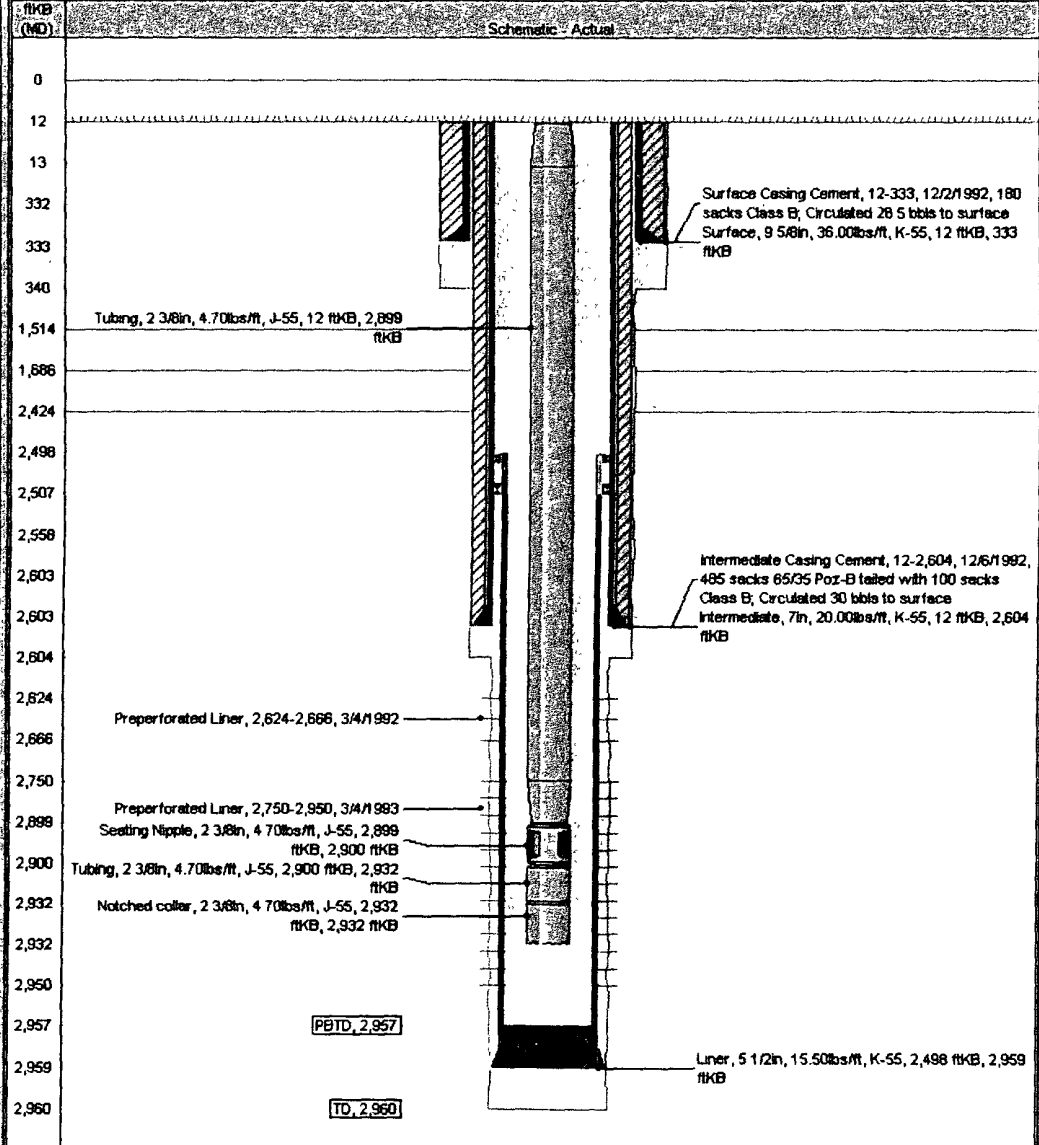
# Current Schematic - Revised

ConocoPhillips

Well Name: HOWELL G.COM #300R POW

API/USRI 3004528846	Shallow Legal Location 07-030N-008W	Field Name 198.0713 COAD	License No SF-078580	State/Province NEW MEXICO	Well Configuration Type DEVIATED	Edit
Ground Elevation (ft) 5,978.00	Original Well Elevation (ft) 5,990.00	Well-Ordnance Distance (ft) 12.00	Well-Casing Flange Distance (ft) 5,990.00	Well-Tubing Hanger Distance (ft) 5,990.00		

Well Config: DEVIATED - 30045288460000, 5/20/2008 2:59:38 PM



**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: 300R Howell C Com

**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) Place the Kirtland/Ojo Alamo plug from 1911' – 1651'.

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.