

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 26 2009

Sundry Notices and Reports on Wells

Bureau of Land Management,  
Farmington Field Office

1. Type of Well  
GAS

5. Lease Number  
SF-077922

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

2. Name of Operator

**BURLINGTON**

RESOURCES OIL &amp; GAS COMPANY LP

3. Address & Phone No. of Operator

P.O. Box 4289, Farmington, NM 87499

8. Well Name & Number  
McGrath C #1

9. API Well No.

30-045-08945

4. Location of Well, Footage, Sec., T, R, M

Unit P (SESE), 870' FSL &amp; 1190' FEL, Section 34, T30N, R12W, NMPM

10. Field and Pool  
Basin Fruitland Coal,  
Fulcher Kutz PC

11. County and State  
San Juan Co., NM

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

Type of Submission

Type of Action

☒ Notice of Intent☐ Abandonment☐ Change of Plans☒ Other PA☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

## 13. Describe Proposed or Completed Operations

RCVD MAR 20 '09

OIL CONS. DIV.

DIST. 3

Burlington Resources requests to P &amp; A subject well per attached procedure.

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

Signed

*Tracey N. Monroe*

Tracey N. Monroe

Title Staff Regulatory Technician

Date 3/25/09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date

MAR 27 2009

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  
McGrath C #1 (FRC/PC)  
Plug and Abandon**

**Lat** 36° 45' 50" N **Long** 108° 4' 48" W

Prepared By: Marcel Madubom - Engineer

Date: 2/17/2009

PE Peer review/approved By:

Date:

**Scope of work:** The intent of this procedure is to Plug and Abandon the wellbore.

**WELL DATA:**

**API:** 3004508945  
**Location:** 870' FSL & 1190' FEL, Unit P, T30N R12W Section 34.-  
**PBTD:** 6604' **TD:** 6637'  
**Perforations:** 1582'-1866' (FRC), 1888'-1920' (PC)

<b><u>Casing:</u></b>	<b><u>OD</u></b>	<b><u>Wt., Grade</u></b>	<b><u>Connection</u></b>	<b><u>ID/Drift (in)</u></b>	<b><u>Depth</u></b>
	8-5/8"	24.0#, J-55	-	8.097/7.972	323'
	4 1/2"	11.6#, J-55	-	4.000/3.875	1164'
	4 1/2"	9.5#, J-55	-	4.090/3.965	6637'

**Well History:** The McGrath C #1 was originally drilled in 1962 as a standalone Dakota well. In 2002, the well was temporarily abandoned with cement plugs across the Dakota and Mesa Verde formations. In 12/2008, an attempt to recomplete the Fruitland Coal and Pictured Cliffs formations was unsuccessful yielding no production. A decision was made to permanently abandon the wellbore.

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

**Artificial lift on well (type):** N/A

**Est. Reservoir Pressure (psig):** 300(FRC/PC)

**Well Failure Date:** 12/2008

**Current Rate (mcf/d):** 0 **Est. Rate Post Remedial (mcf/d):** N/A

**Earthen Pit Required:** Steel Pit

**Special Requirements:** P&A marker, 260 sxs Class B cement

**NOTE:** Notify NMOCD Aztec 24 hrs prior to start of work per approved sundry.

**Production Engineer:** Marcel Madubom, Office: (505)326-9532, Cell: (505)320-2608

**PE Backup:** Matt Gastgeb, Office: (505)326-9812, Cell: (505)320-4119

**MSO:** Jason Cathcart Cell: (505)320-0730

**Specialist:** Donnie Thompson Cell: (505)320-2639

**Lead:** Duane Bixler Cell: (505)320-1107

**Area Foreman:** Terry Nelson Cell: (505)320-2503

**ConocoPhillips  
McGrath C #1 (FRC/PC)  
Plug and Abandon**

Lat 36° 45' 50" N Long 108° 4' 48" W

**PROCEDURE:**

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 15.8 ppg with a 1.18 cf/sx yield.

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. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU cement equipment. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. ND wellhead and NU BOP.
3. Rods: Yes ☐, No ☒, Unknown ☐  
Tubing: Yes ☐, No ☒, Unknown ☐, Size , Length   
Packer: Yes ☐, No ☒, Unknown ☐, Type   
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.

Note: **Plug #1** was set in January. RIH with A-Plus wireline truck and tag the Fruitland top Plug #1. If necessary dump bail 2 sxs cement to bring TOC to 1385' or higher.

4. **Plug #2 (Kirtland, Ojo Alamo and 8-5/8" Surface casing shoe, 635' - Surface):**  
Perforate 3 squeeze holes at 635'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Establish rate into squeeze holes. Mix and pump approximately 240 sxs cement down the 4-1/2" casing to circulate good cement out the 4-1/2" and 8-5/8" casing and annuli. SI well and WOC.
5. 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.

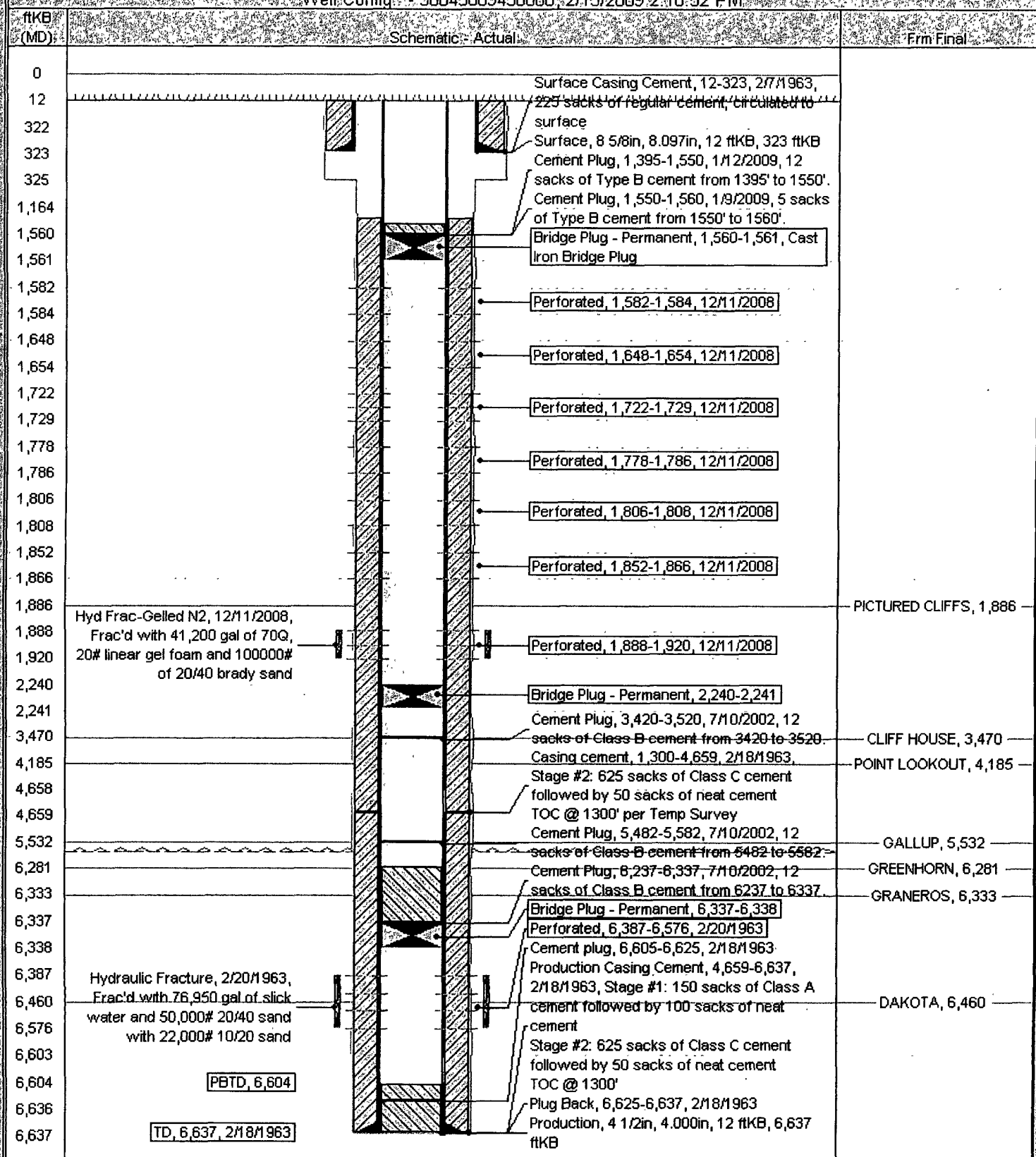
# Current Schematic

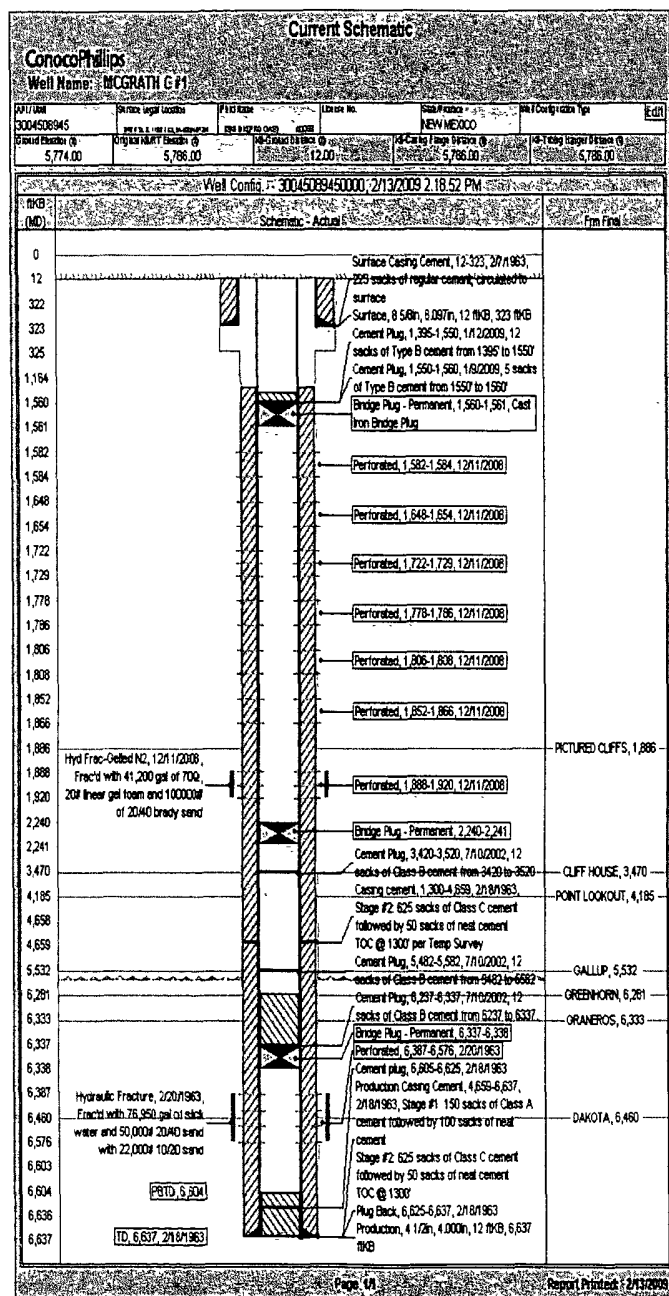
ConocoPhillips

Well Name: MCGRATH C #1

API/UNL 3004508945	Surface Legal Location BTH & S. 1130' E. 124' 24" 2009-01-24	Field Name BSW DKK PRO GAS	License No. 40088	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 5,774.00	Original KB/RT Elevation (ft) 5,786.00	KB-Grout Distance (ft) 12.00	KB-Casing Flange Distance (ft) 5,786.00	KB-Tubing Hanger Distance (ft) 5,786.00	

Well Config: 30045089450000 2/13/2009 2:18:52 PM





## McGrath C #1

- Feb 1963 Spud PBTD: 6605'
- Feb 1963 Compl DK Perfs 6387' – 6576'
  - Frac 76,950 gals slickwater & 50,000# 20/40 sand and 22,000# of 10/20 sand
- Feb 9, 1971. Tbg Repair – Cleaned out well to 6600'.
- Nov 6, 1971. Tbg Repair – Tagged 120' of fill. Ran Model "D" packer @ 6336' and ran tbg. Cleaned out to PBTD @ 6605'.
- Oct 22, 1996 Tbg Rpr – Moved on well to remove packer. Packer stuck. Moved off.
- March 18, 1997. Redelivered.
- Dec 7, 2001. Tbg Repair – Tried to remove packer. Packer stuck. Freep cut tbg and pulled everything out of the hole. Performed MIT that passed. Landed tbg. NO Production after this point.
- July 10, 2002. Plug Back – Plugged well back to the PC.
- Dec 2008. Recompletion – Fractured the PC and Fruitland Coal without any success.
- Jan 2009. Set a plug @ 1395'.