UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

## RECEIVED

MAR 2 6 2009

|                        | Sundry Notices and Reports on Wells   | Bureau of Land<br>Farmington | Management,<br>Fleld Office      |
|------------------------|---|------------------------------|----------------------------------|
|                        |   | 5.                           | Lease Number                     |
|                        | 70 C33/ D   |                              | SF-07792 X                       |
| 1.                     | Type of Well  | 6.                           | If Indian, All. or<br>Tribe Name |
|                        | GAS   |                              | Tribe Name                       |
| 2.                     | Nome of Operators   | 7.                           | Unit Agreement Nan               |
| ۷.                     | Name of Operator  BURLINGTON  |                              |                                  |
|                        | RESOURCES OIL & GAS COMPANY LP  |                              |                                  |
|                        | - TESEST TO ESTATE OF A GAS CONTANT DI  | <del></del> 8.               | Well Name & Number               |
| 3.                     | Address & Phone No. of Operator   |                              | McGrath C #1                     |
|                        | P.O. Box 4289, Farmington, NM 87499   | 9.                           | API Well No.                     |
| _                      | I C ANN I F A C T D M   |                              | 30-045-08945                     |
| 4.                     | Location of Well, Footage, Sec., T, R, M  | 10.                          | Field and Pool                   |
| ,                      | Unit P (SESE), 870' FSL & 1190' FEL, Section 34, T30N, R12W, NMPM   | 10.                          | Basin Fruitland Coal             |
|                        |   |                              | Fulcher Kutz PC                  |
|                        | ·   | 11.                          | County and State                 |
|                        |   |                              | San Juan Co., NM                 |
|                        | Type of Submission  X Notice of Intent  Recompletion  Subsequent Report  Plugging  Casing Repair  Final Abandonment  Altering Casing  Conversion to Injection  Type of Action  Abandonment  Abandonment  Change of Plans  New Construction  New Construction  New Construction  New Construction  New Construction  Altering Casing Repair  Water Shut off  Conversion to Injection | X_Othe                       | r <u>PA</u>                      |
|                        |   |                              |                                  |
| 13.                    | Describe Proposed or Completed Operations   |                              | ROVD MAR SO '09                  |
| 13.                    | Describe Proposed or Completed Operations   |                              |                                  |
|                        | Describe Proposed or Completed Operations lington Resources requests to P & A subject well per attached procedure.  |                              | OIL CONS. DIV.                   |
|                        |   |                              |                                  |
| Bur                    | lington Resources requests to P & A subject well per attached procedure.  |                              | OIL COMS. DIV.                   |
| Bur                    |   |                              | OIL COMS. DIV.                   |
| Bur                    | lington Resources requests to P & A subject well per attached procedure.  14. I hereby certify that the foregoing is true and correct.  | and the same Tank arisin     | OIL COMS. DIV.<br>DIST. 3        |
| Bur                    | lington Resources requests to P & A subject well per attached procedure.  | gulatory Technici            | OIL COMS. DIV.<br>DIST. 3        |
| <b>Bur</b><br>Sign     | lington Resources requests to P & A subject well per attached procedure.  14. I hereby certify that the foregoing is true and correct.  Tracey N. Monroe Title Staff Resource.  | gulatory Technici            | OIL COMS. DIV.<br>DIST. 3        |
| Bur<br>Sign<br>———(Thi | lington Resources requests to P & A subject well per attached procedure.  14. I hereby certify that the foregoing is true and correct.  | gulatory Technici            | OIL COMS. DIV.<br>DIST. 3        |

### **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)

Casing:

| <u>OD</u> | <u>Wt., Grade</u> | <u>Connection</u> | <u>ID/Drift (in)</u> | <u>Depth</u> |
|-----------|-------------------|-------------------|----------------------|--------------|
| 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):

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

Well Failure Date: 12/2008

Current Rate (mcfd): 0 Est. Rate Post Remedial (mcfd): 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:**

1

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.

 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.

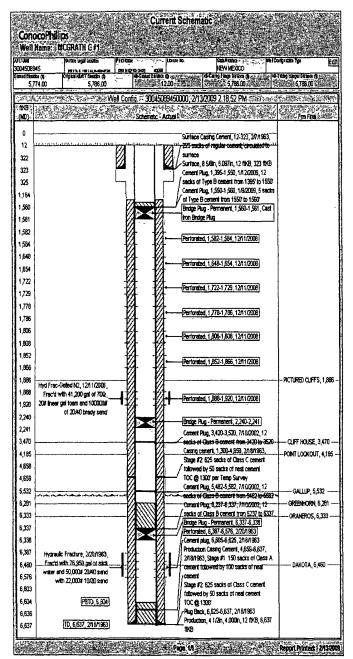
3. Rods: Yes \_\_\_\_\_, No \_\_X\_\_, Unknown \_\_\_\_\_
Tubing: Yes \_\_\_\_\_, No \_\_X\_\_, Unknown \_\_\_\_\_, Size \_\_\_\_\_\_, Length \_\_\_\_\_.
Packer: Yes \_\_\_\_\_, No \_\_X\_\_, Unknown \_\_\_\_\_, Type \_\_\_\_\_\_\_.

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.

If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.

- 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/ UWI Surface Legal Location License No State/Province Edit BSW DKCPRO CASS ACCESS 1 I-G-G rolld Distance (1) 12:000 3004508945 NEW MEXICO Original KB/RT Elevation (1) Ground Elevation (f) Of-Casting Flange Distance (f): (n) Haiger Distance 5,774.00 5,786.00 5,786.00 5,786.00 Well Config 30045089450000, 2/13/2009; 2:18:52 PM (MD) n Surface Casing Cement, 12-323, 2/7/1963, 12 225 sacks of regular cement circulated to surface 322 Surface, 8 5/8in, 8.097in, 12 ftKB, 323 ftKB 323 Cement Plug, 1,395-1,550, 1/12/2009, 12 325 sacks of Type B cement from 1395' to 1550'. Cement Plug, 1,550-1,560, 1/9/2009, 5 sacks 1,164 of Type B cement from 1550' to 1560' 1,560 Bridge Plug - Permanent, 1,560-1,561, Cast Iron Bridge Plug 1,561 1,582 Perforated, 1,582-1,584, 12/11/2008 1,584 1,648 Perforated, 1,648-1,654, 12/11/2008 1,654 1,722 Perforated, 1,722-1,729, 12/11/2008 1,729 1,778 Perforated, 1,778-1,786, 12/11/2008 1,786 1,806 Perforated, 1,806-1,808, 12/11/2008 1,808 1,852 Perforated, 1,852-1,866, 12/11/2008 1,866 1,886 PICTURED CLIFFS, 1,886 Hyd Frac-Gelled N2, 12/11/2008, 1.888 Frac'd with 41,200 gal of 70Q, Perforated, 1,888-1,920, 12/11/2008 20# linear gel foam and 100000# 1,920 of 20/40 brady sand 2,240 Bridge Plug - Permanent, 2,240-2,241 2,241 Cement Plug, 3,420-3,520, 7/10/2002, 12 3,470 sacks of Class B cement from 3420 to 3520. CLIFF HOUSE, 3,470 Casing cement, 1,300-4,659, 2/18/1963 4,185 POINT LOOKOUT, 4,185 Stage #2: 625 sacks of Class C cement 4,658 followed by 50 sacks of neat cement 4,659 TOC @ 1300' per Temp Survey Cement Plug, 5,482-5,582, 7/10/2002, 12 5,532 GALLUP, 5,532 sacks of Class B coment from 5482 to 5582: 6,281 GREENHORN, 6,281 Cement Plug, 8,237-8,337, 7/10/2002, 12 sacks of Class B cement from 6237 to 6337 6,333 GRANEROS, 6,333 Bridge Plug - Permanent, 6,337-6,338 6,337 Perforated, 6,387-6,576, 2/20/1963 6,338 Cement plug, 6,605-6,625, 2/18/1963 Production Casing Cement, 4,659-6,637, 6,387 Hydraulic Fracture, 2/20/1963, 2/18/1963, Stage #1: 150 sacks of Class A Frac'd with 76,950 gal of slick 6,460 DAKOTA, 6,460 cement followed by 100 sacks of neat water and 50,000# 20/40 sand cement 6,576 with 22,000# 10/20 sand Stage #2: 625 sacks of Class C cement 6,603 followed by 50 sacks of neat cement 6,604 PBTD, 6,604 TOC @ 1300' Plug Back, 6,625-6,637, 2/18/1963 6,636 Production, 4 1/2in, 4.000in, 12 ftKB, 6,637 6,637 TD, 6,637, 2M8M963 Page 1/1: Report Printed: 2/13/2009



#### McGrath C #1

- •Feb 1963 Spud PBTD: 6605'
- Feb1963 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. The Repair Tried to remove packer. Packer stuck. Freept cut the and pulled everything out of the hole. Performed MIT that passed. Landed the 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'.