

**RECEIVED**

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

**FEB 14 2012**

Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management

1. Type of Well  
GAS

5. Lease Number  
SF-078115  
6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

2. Name of Operator

**BURLINGTON**

RESOURCES OIL &amp; GAS COMPANY LP

3. Address &amp; Phone No. of Operator

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

8. Well Name & Number  
Grenier 1

9. API Well No.

30-045-11005

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

Unit O (SWSE), 990' FSL &amp; 1650' FEL, Section 6, T31N, R11W, NMPM

10. Field and Pool  
Blanco MV / Blanco PC11. County and State  
San Juan, NM**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission

☒

Notice of Intent

Type of Action

☒

Abandonment

Change of Plans

Other -

Recompletion

New Construction

☐ Subsequent Report☐ Plugging☐ Non-Routine Fracturing☐ Final Abandonment☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

BP

**13. Describe Proposed or Completed Operations**

Burlington Resources requests permission to P&amp;A the subject well per the attached procedure, current and proposed wellbore schematics.

**Notify NMOCD 24 hrs  
prior to beginning  
operations**

**RCVD FEB 21 '12  
OIL CONS. DIV.  
DIST. 3**

\* Run CBL and submit it to agencies for review prior to cementing

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

Signed

*Crystal Tafoya*

Crystal Tafoya

Title: Staff Regulatory Technician

Date 2/14/12

(This space for Federal or State Office use)

APPROVED BY

Original Signed: Stephen Mason

Title

Date

**FEB 17 2012**

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**

AV

**ConocoPhillips**  
**GRENIER 1**  
**Expense - P&A**

Lat 36° 55' 22.332" N

Long 108° 1' 37.74" W

Note: A 2-3/8" x 1-1/2" tapered work string is need for first plug.

**PROCEDURE**

This project requires a 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.

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 work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
5. ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger.
6. TOOH with tubing (per pertinent data sheet).

**Tubing:**                      Yes                      Size:                      2-3/8"                      Length:                      4982'

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 ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

**4714**

**7. Plug 1 (Mesa Verde perforations, liner top, and Mesa Verde formation top, 4730-5360', 52 Sacks Class B Cement)**

Note: CBP is already set a 5350', 50' above top Mesa Verde perforation. TIH with tapered work string. Spot 52 sx Class B cement inside the 3-1/2" casing above the CBP to isolate the Mesa Verde perforations, liner top, and Mesa Verde formation top. POOH with tapered work string.

**3894 3794**

**8. Plug 2 (Chacra, 4207-4307', 73 Sacks Class B Cement)**

Perforate 3 HSC holes at 4307'. Establish rate into squeeze holes. RIH and set CR for 5-1/2" 15.5# J-55 casing at 4257', pressure test 2-3/8" tubing to 1000 psi. Mix 73 sx Class B cement; squeeze 56 sx behind 5-1/2" casing and leave 17 sx inside casing to isolate the Chacra formation top. POOH.

**9. Plug 3 (Picture Cliffs, 3018-3118', 17 Sacks Class B Cement)**

TIH and set CIBP, for 5-1/2" 15.5# J-55 casing, 50' above the top Picture Cliffs perforation at 3118'. Pressure test casing to 560 psia. If casing does not test, notify Regulatory team (320-5919) before proceeding. Mix 17 sx Class B cement and spot inside 5-1/2" casing to isolate the Picture Cliffs perforations and formation top POOH

**2822 2723**

**10. Plug 4 (Fruitland Coal, 2465-2565', 73 Sacks Class B Cement)**

Perforate 3 HSC holes at 2565'. Establish rate into squeeze holes. RIH and set CR for 5-1/2" 15.5# J-55 casing at 2515'. Mix 73 sx Class B cement; squeeze 56 sx behind 5-1/2" casing and leave 17 sx inside casing to isolate the Fruitland Coal formation top. POOH.

**11. Plug 5 (Kirtland and Ojo Alamo, 1338-1490', 108 Sacks Class B Cement)**

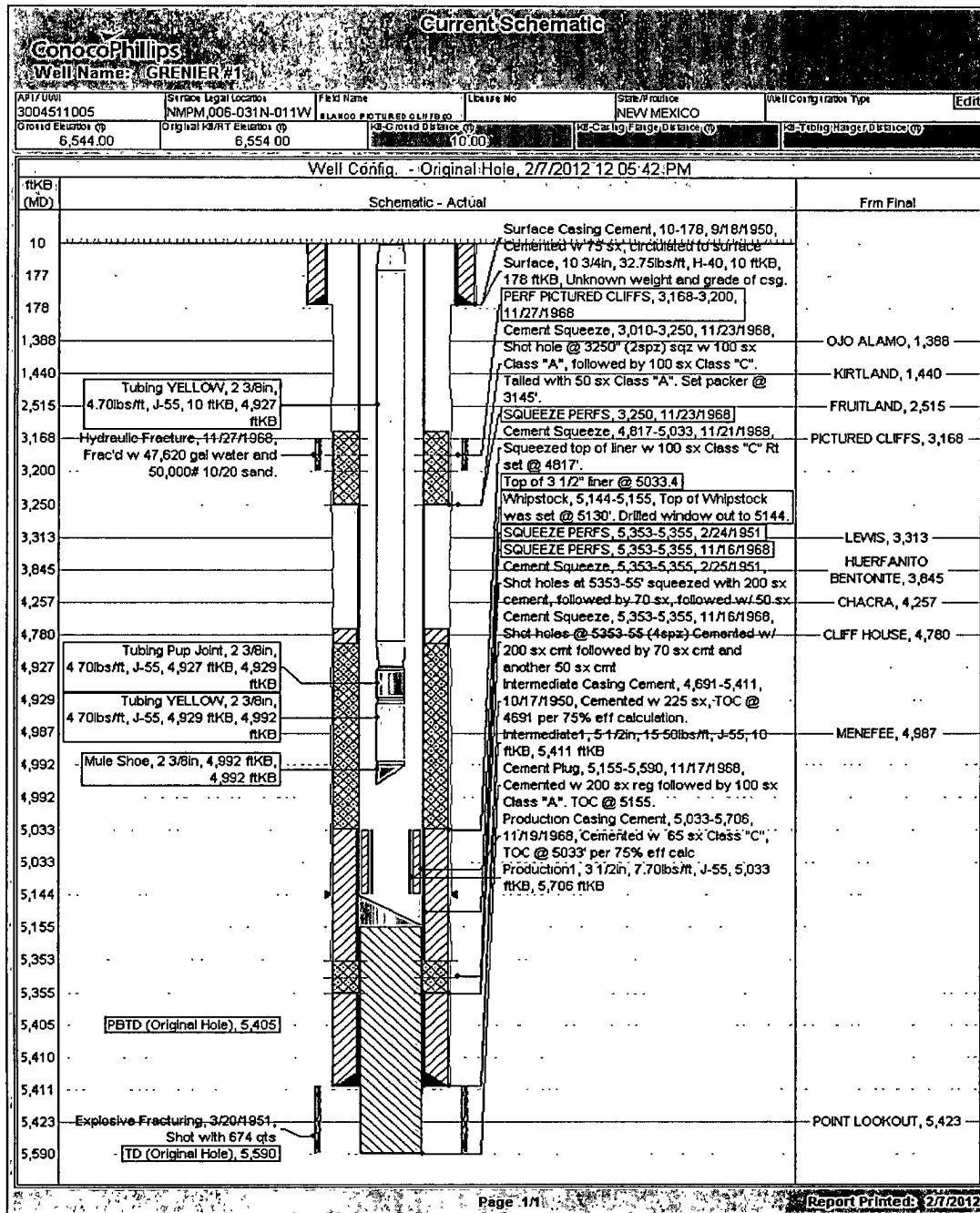
Perforate 3 HSC holes at 1490'. Establish rate into squeeze holes. RIH and set CR for 5-1/2" 15.5# J-55 casing at 1440'. Mix 73 sx Class B cement; squeeze 85 sx behind 5-1/2" casing and leave 23 sx inside casing to isolate the Kirtland and Ojo Alamo formation top. POOH.

**12 Plug 6 (Surface casing shoe and Surface plug, 0-228', 137 Sacks Class B Cement)**

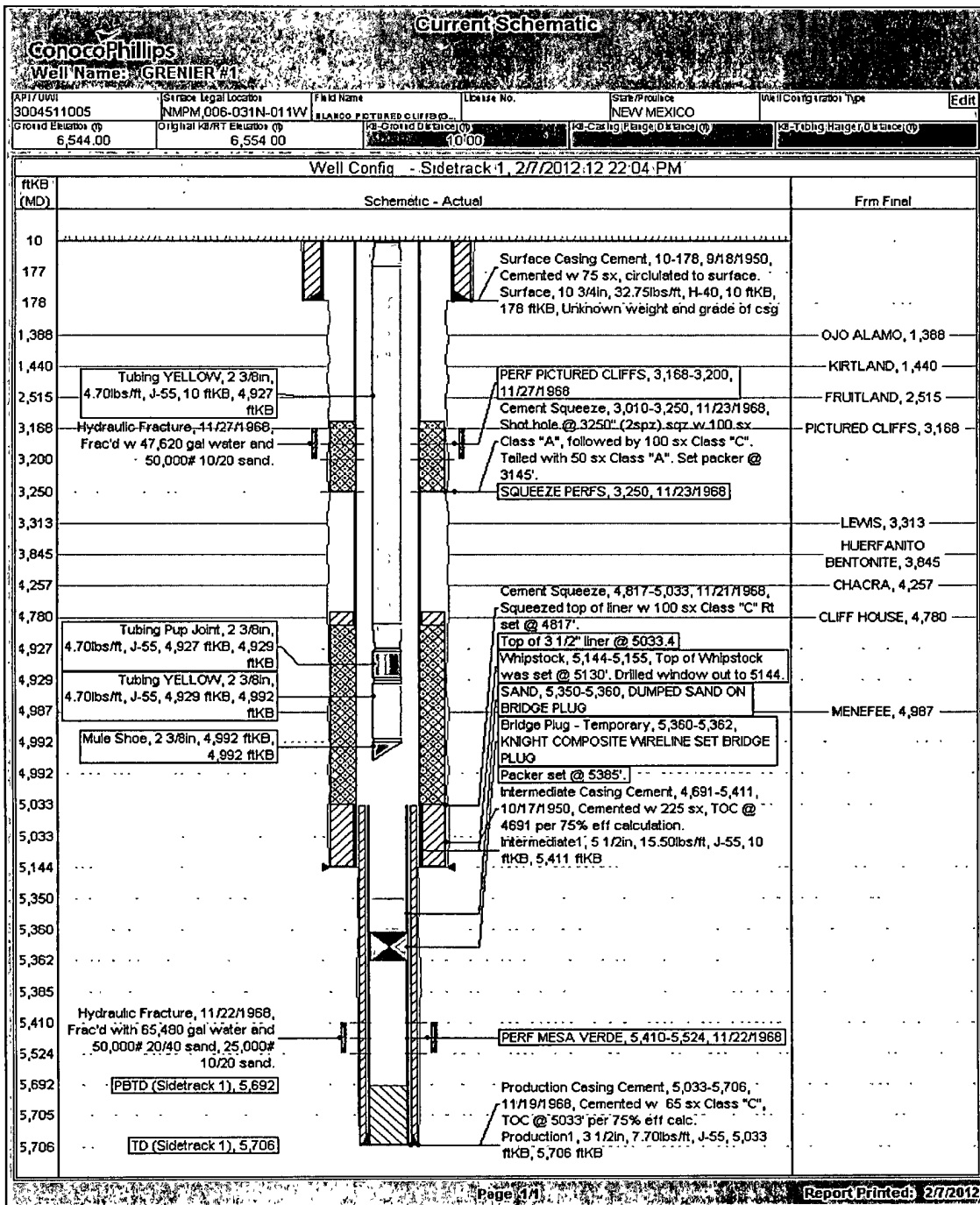
Perforate 3 HSC holes at 228'. Establish circulation out of bradenhead with water and circulate BH annulus clean. Mix 137 sx Class B cement and pump down production to circulate good cement out BH. Shut in well and WOC.

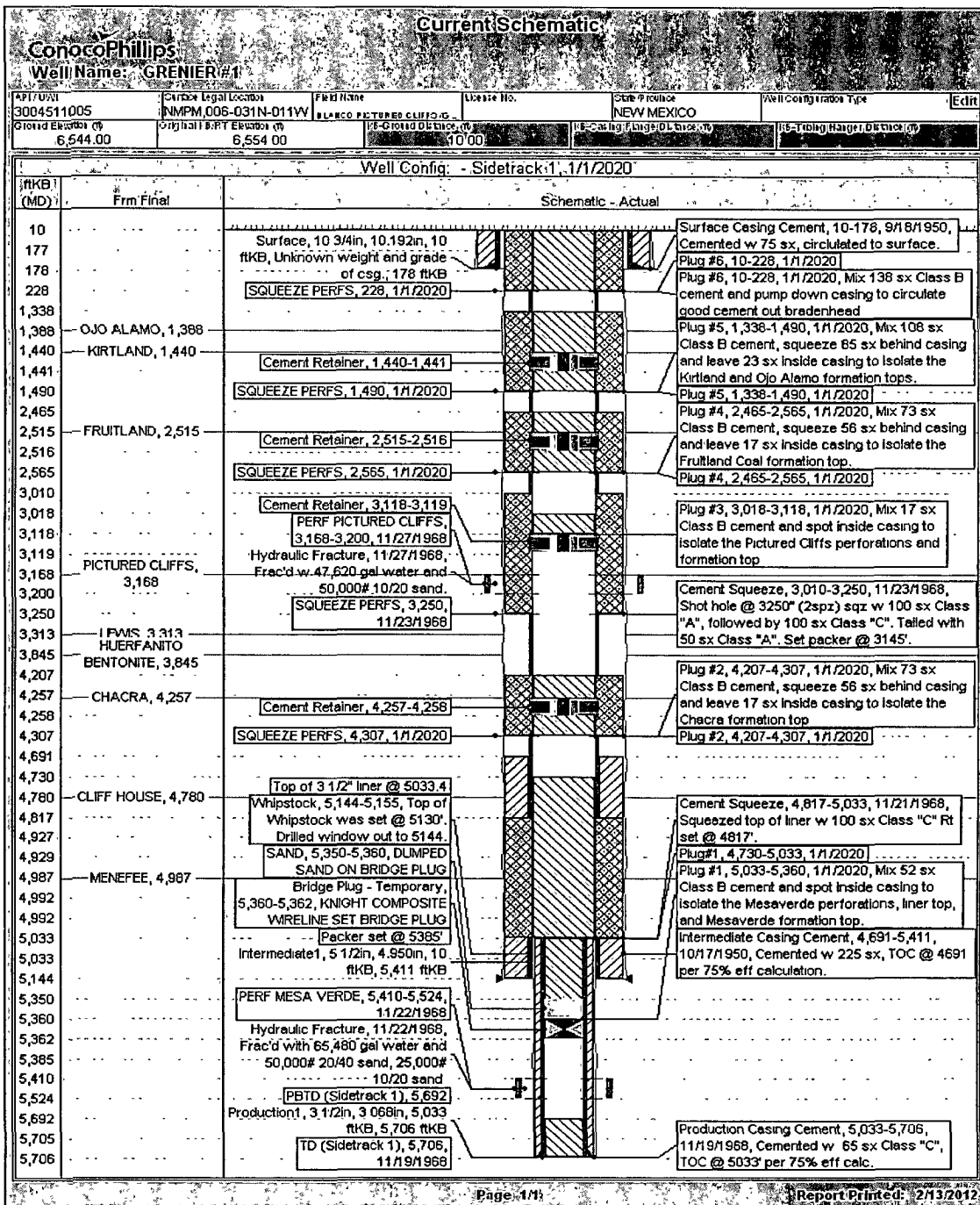
13. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

## Original Hole



# Sidetrack





**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 Grenier

**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 Mesaverde plug to 4718'.
  - b) Place the Chacra plug from 3894' – 3794' inside and outside the 5 ½" casing.
  - c) Place the Fruitland plug from 2823' – 2723' inside and outside the 5 ½" casing.
  - d) You are required to have H2S monitoring equipment and personnel on location during plugging operations

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.