

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-045-29084</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-11125-82
7. Lease Name or Unit Agreement Name <b>FC State Com</b>
8. Well Number <b>2R</b>
9. OGRID Number <b>217817</b>
10. Pool name or Wildcat <b>Basin Fruitland Coal</b>

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
**CONOCOPHILLIPS COMPANY**

3. Address of Operator  
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location  
Unit Letter A : 790' feet from the North line and 790' feet from the East line  
Section 32 Township 31N Range 9W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☒ P&A

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips plans to plug and abandon this well according to the attached procedures.

RCVD MAY 21 '08  
OIL CONS. DIV.  
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tamra Sessions TITLE Regulatory Technician DATE 5/20/2008

Type or print name Tamra Sessions E-mail address: sessitd@ConocoPhillips.com Telephone No. 505-326-9834

For State Use Only

APPROVED BY: H. Villanueva TITLE Deputy Oil & Gas Inspector, District #3 DATE JUN 04 2008

Conditions of Approval (if any):

8 4/4



**FC State Com 2R (FRC)  
Plug and Abandon**

Latitude N- 36° 51' 36"; Longitude W-107° 47' 49"

Prepared by: Kassadie Gastgeb 5/2/2008

**Scope of work:** Plug and abandon FC State Com 2R

**Estimated cost:** \$

**Estimated rig days:** 3

**Well data:**

**API:** 3004529084

**Location:** 790' FNL & 790' FEL, Unit A, Section 32, T31N, R9W

**PBTD:** 3074'

**TD:** 3074'

**Perforations:** Openhole

**Well History/ Justification:** The FC State Com 2R is a heritage Conoco well that was drilled and completed as an open hole Fruitland Coal completion in 1994. The coal in this well is very tight, is in the UPE area and is close to the OPE/UPE boundary. This well was drilled in an effort to try and hit the fairway within the spacing requirements. If this occurred, then the FC State Com #2 would be plugged because it was very tight and the coal did not run during the completion process. After underreaming and cavitating for five days in 1994, the best pitot achieved was 92 Mcfd and reports show that the coal did not run. The daily report shows 58' of net coal from 6 stringers spread over 161'. A second attempt to complete the FC State Com #2R well was made in 1995 by implementing a cryogenic frac in the Fruitland coal. The best pitot achieved was 138 Mcfd during this workover. A letter of inactivity was received June 6, 1997 from the OCD. In November 1997, a rig TA'ed the wellbore by setting a cast iron bridge plug at 2733'. Packer fluid was pumped above the bridge plug and the rig moved off. No liner was ever run. No tubing is in the hole. This well was never produced because of spacing issues with the FC State Com #2. Therefore, there are no production graphs available on this well and no production was ever reported to the state.

**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 TA'ed)

**Current rate:** N/A

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

**Earthen pit required:** Yes

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

**BAE production engineer:** Kassadie Gastgeb, Office: 505-324-5145, Cell: 505-793-6312  
**BAE backup engineer:** Ben Kelly, Office: 505-599-3432, Cell: 505-320-8099  
**Area foreman:** Jim Peace, Office: 505-320-0210

## PLUG AND ABANDONMENT PROCEDURE

April 17, 2008

### FC State Com #2R

Basin Fruitland Coal

790' FNL and 790' FEL, Section 32, T31N, R9W, San Juan County, New Mexico

API 30-045-29084

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 ASTM Type 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 \_\_\_\_ , No X\_\_\_\_, Unknown\_\_\_\_, Size \_\_\_\_ , Length \_\_\_\_.

Packer: Yes\_\_\_\_, No X\_\_\_\_, Unknown\_\_\_\_, Type \_\_\_\_\_.

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

4. **Plug #1 (Fruitland Coal open hole interval and top, 2733' – 2610')**: TIH and tag existing CIBP at 2733'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix and pump 34 sxs Class G cement. PUH.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 1960' – 1750')**: Mix 50 sxs Class G cement and spot balanced plug inside casing to cover through the Ojo Alamo top. PUH.
6. **Plug #3 (Nacimiento top, 9.625" casing shoe, 480' - 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 100 sxs Class G cement and spot a balanced plug from 480' 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.

