

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

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

Form C-103  
May 27, 2004

WELL API NO.	30-039-27513
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name San Juan 30-5 Unit	
8. Well Number	230A
9. OGRID Number	
10. Pool name or Wildcat Basin Fruitland Coal	

**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 CO.

3. Address of Operator P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

4. Well Location

Unit Letter I : 1640 feet from the South line and 990 feet from the East line

Section 32 Township 30N Range 5W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6459

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: ☐

**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 requests approval to plug and abandon this well as per the attached procedure. Also attached is a current and proposed wellbore schematic.



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 Deborah Marberry TITLE REGULATORY ANALYST DATE 10/04/2005

Type or print name DEBORAH MARBERRY  
**For State Use Only**

E-mail address:

Telephone No. (832)486-2326

APPROVED BY: A. Villanueva  
Conditions of Approval (if any):

DEPUTY OIL & GAS INSPECTOR, DIST. 3

DATE OCT 06 2005

## PLUG AND ABANDONMENT PROCEDURE

October 1, 2005

### San Juan 30-5 Unit #230A

Basin Fruitland Coal

SE, Section 32, T30N, R5W

Rio Arriba County, New Mexico, API 30-039-27513

Lat: N 36° 45'59.04" / Long: W 107° 22'28.236"

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead.
2. PU on rods and unseat pump. Re-seat pump and pressure test the tubing to 1000#. Pull and LD rods and pump. If necessary hot oil tubing. ND pumping tee and NU BOP and stripping head; test BOP. TOH with 3419' of 2.375" tubing and visually inspect. If necessary LD tubing and use a workstring.
3. **Plug #1 (Fruitland Coal Open Hole interval and top and 7" Casing shoe, 3356' – 3020')**: TIH and set 4.5" cement retainer at 3111'. 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 43 sxs Type III cement, squeeze 33 sxs below CR to fill the Fruitland Coal perforations and then spot 10 sxs above CR to cover 7" casing shoe and Fruitland top. PUH to 2797'.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 2797' – 2572')**: Mix 19 sxs Type III cement and spot balanced plug inside casing to cover through the Ojo Alamo top. TOH with tubing.
5. **Plug #3 (Nacimiento top, 1322' – 1222')**: Perforate 3 squeeze holes through 4.5" casing at 1322'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 1272'. Establish rate into squeeze holes. Mix and pump 24 sxs cement, squeeze 13 sxs outside the 4.5" casing into the 7" annulus and then leave 11 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #4 (9.625" Surface casing shoe, 285' – Surface)**: Connect the pump line to the bradenhead valve. Attempt to pressure test the bradenhead annulus (7" x 9.625") to 300#; note the volume to fill and calculate the TOC. If then BH annulus tests, then perforate 3 squeeze holes through the 4.5" casing at 285'. Establish circulation out the 4.5" casing valve to surface with water. Mix and pump approximately 50 sxs cement down the 4.5" casing to circulate good cement out 4.5" x 7" annulus. Shut well in and WOC. If the BH annulus does not test, then perforate at 285' and at the appropriate depth to fill the 7" x 9.625" annulus with cement to surface.
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.

# San Juan 30-5 Unit #230A

## Proposed P&A

Basin Fruitland Coal

1640' FSL & 990' FEL, Section 32, T-30-N, R-5-W

Rio Arriba County, NM / API #30-039-27513

Lat: N 36° 45' 59.04" / Long: W 107° 22' 28.236"

Today's Date: 10/1/05

Spud: 11/16/03

Comp: 3/28/04

Elevation: 6369' GL

12.25" Hole

Nacimiento @ 1272'

Ojo Alamo @ 2622'

Kirtland @ 2747'

Fruitland @ 3057'

8.75" Hole

6.25" Hole

TD 3469'  
PBD 3461'

9.625", 32.30#, H-40 Casing set @ 235'  
150 sxs cement circulated to surface

Perforate @ 285'

Plug #4: 285' - 0'  
Type III cement, 50 sxs

Cmt Ret @ 1272'

Perforate @ 1322'

Plug #3: 1322' - 1222'  
Type III cement, 24 sxs:  
13 sxs outside and 11 sxs  
inside

TOC @ 2400' (CBL)

Plug #2: 2797' - 2572'  
Type III cement, 19 sxs

Plug #1: 3356' - 3020'  
Type III cement, 43 sxs:  
33 sxs below CR and 10 sxs  
above.

7" 20#, J-55 Casing @ 3070'  
Cemented with 500 sxs (1171 cf)  
Circulated 22 bbls cement to surface

Set CR @ 3111'

Fruitland Coal Perforations:  
3161' - 3356'

4.5" 11.6# I-80 Casing @ 3468'  
Cemented with 41 sxs,  
TOC at 2400' by CBL

# San Juan 30-5 Unit #230A

## Current

Basin Fruitland Coal

1640' FSL & 990' FEL, Section 32, T-30-N, R-5-W

Rio Arriba County, NM / API #30-039-27513

Lat: N 36° 45' 59.04" / Long: W 107° 22' 28.236"

Today's Date: 10/1/05

Spud: 11/16/03

Comp: 3/28/04

Elevation: 6369' GL

12.25" Hole

9.625", 32.30#, H-40 Casing set @ 235'  
150 sxs cement circulated to surface

### Well History

No Workover of Record

Nacimiento @ 1272'

2.375" Tubing set at 3419'  
( 4.7#, J-55, F Nipple at 3388',  
Mud Anchor 3389',  
with rods and pump)

TOC @ 2400' (CBL)

Ojo Alamo @ 2622'

Kirtland @ 2747'

8.75" Hole

Fruitland @ 3057'

7" 20#, J-55 Casing @ 3070'  
Cemented with 500 sxs (1171 cf)  
Circulated 22 bbls cement to surface

Fruitland Coal Perforations:  
3161' - 3356'

6.25" Hole

4.5" 11.6# I-80 Casing @ 3468'  
Cemented with 41 sxs,  
TOC at 2400' by CBL

TD 3469'  
PBSD 3461'