

# RECEIVED

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 21 2012

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No  
**NMSF-078999**  
6-11 Indian, Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No <b>San Juan 31-6 Unit</b>
2. Name of Operator <b>ConocoPhillips Company</b>		8. Well Name and No <b>San Juan 31-6 Unit 231A</b>
3a. Address <b>PO Box 4289, Farmington, NM 87499</b>	3b. Phone No (include area code) <b>(505) 326-9700</b>	9. API Well No. <b>30-039-27410</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit E (SWNW), 1905' FNL &amp; 490' FWL, Sec. 27, T31N, R6W</b>		10. Field and Pool or Exploratory Area <b>Basin Fruitland Coal</b>
		11. Country or Parish, State <b>Rio Arriba, New Mexico</b>

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

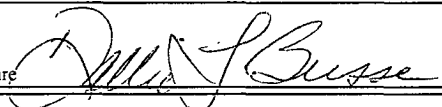
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports must be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection )

**ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.**

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

**RCVD JUN 6 '12  
OIL CONS. DIV.  
DIST. 3**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Dollie L. Busse</b>		Title <b>Staff Regulatory Technician</b>
Signature 		Date <b>5/18/12</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <b>Original Signed: Stephen Mason</b>	Title <b>Staff Regulatory Technician</b>	Date <b>JUN 01 2012</b>
Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

**NMOCD** 

**ConocoPhillips**  
**SAN JUAN 31-6 UNIT 231A**  
**Expense - P&A**

Lat 36° 52' 21" N

Long 107° 27' 24.84" W

**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. Unseat the pump and kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
5. TOOH w/ rods and LD.
6. ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger.
7. TOOH with tubing (per pertinent data sheet).

<b>Rods:</b>	Yes	<b>Size:</b>	3/4"	<b>Length:</b>	3,112
<b>Tubing:</b>	Yes	<b>Size:</b>	2-3/8"	<b>Length:</b>	3,123

Round trip casing scraper to top of open hole @ 2,932' or as deep as possible.

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.

**8. Plug 1 (Fruitland Formation, Open Hole, and Intermediate Shoe., 2782-2882', 29 Sacks Class B Cement)**  
RIH and set 7" CR at 2,882'. Load tubing with water and attempt to establish circulation. Pressure test casing to 560 psi and tubing to 800 psi. If casing does not test, contact production engineer with results. Mix 25 sx Class B cement and spot inside the casing above CR to isolate the liner top and Fruitland Coal formation top, Open Hole and Intermediate Shoe. PUH.

**9. Plug 2 (Kirtland and Ojo Alamo Formation Tops, <sup>2515 2307</sup>2283-2498', 52 Sacks Class B Cement)**  
Mix 52 sx Class B cement and spot a balanced plug inside the casing to isolate the Kirtland and Ojo Alamo formation tops. PUH.

**10. Plug 3 (Nacimiento Formation Top, <sup>1177 1077</sup>847-947', 29 Sacks Class B Cement)**  
Mix 29 sx Class B cement and spot a balanced plug inside the casing to isolate the Nacimiento formation top. PUH.

**11. Plug 4 (Surface Plug, 0-272', 63 Sacks Class B Cement)**  
Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 63 sxs Class B cement and spot a balanced plug inside the casing from 272' 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 7" casing and the BH annulus to surface. Shut well in and WOC.

12. 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.

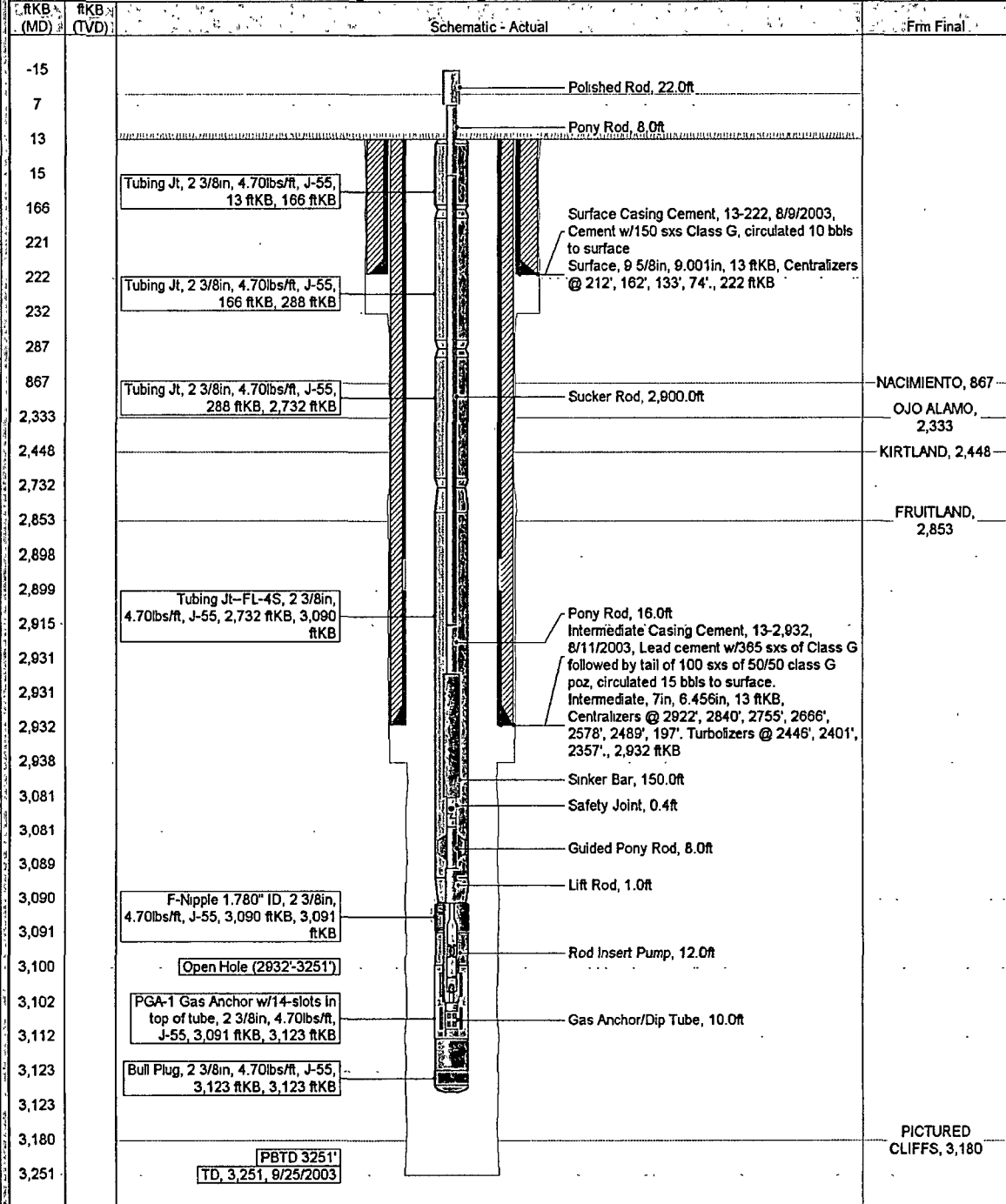
ConocoPhillips

Current Schematic

Well Name: SAN JUAN 31-6 UNIT #231A

API/UMI 3003927410	Surface Legal Location NMPM-31N-06W-27-E	Field Name FC	License No	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 6,313.00	Original KB/RT Elevation (ft) 6,326.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config: Vertical - Original Hole, 5/10/2012 8:41:28 AM



ConocoPhillips

Well Name: SAN JUAN 316 UNIT #231A

Schematic

API/UVI 3003927410	Surface Legal Location NMPM-31N-05W-27-E	Field Name FC	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 6,313.00	Original MSLT Elevation (ft) 6,326.00	IS-Grnd Distance (ft) 13.00	IS-Casing Flange Distance (ft)	IS-Tablet Hanger Distance (ft)		

Well Config: Vertical - Original Hole: 1/1/2020		Schematic - Actual	
(ftKB)	(MD)	Firm Final	
-15	7		
13	15		
166	221		
221	222	Surface, 9 5/8in, 9,001in, 13 ftKB, Centralizers @ 212', 162', 133', 74', 222 ftKB	Surface Casing Cement, 13-222, 8/9/2003, Cement w/150 sxs Class G, circulated 10 bbls to surface
232	272		Plug #4, 13-272, 1/1/2020, Mix 63 sxs Class B cement and spot a balanced plug inside the casing from 272' to surface, circulate good cement out casing valve.
287	817		
867	917	NACIMIENTO, 867	Plug #3, 817-917, 1/1/2020, Mix 29 sxs Class B cement and spot a balanced plug inside the casing to isolate the Nacimiento formation top.
2,283	2,333	OJO ALAMO, 2,333	
2,448	2,498	KIRTLAND, 2,448	Plug #2, 2,283-2,498, 1/1/2020, Mix 52 sx Class B cement and spot a balanced plug inside the casing to isolate the Kirtland and Ojo Alamo formation tops.
2,732	2,782		
2,853	2,882	FRUITLAND, 2,853	Plug #1, 2,782-2,882, 1/1/2020, Mix 29 sx Class B cement and spot inside the casing above the CR to isolate the Fruitland Coal open hole and formation top, and intermediate shoe.
2,882	2,883	Cement Retainer, 2,882-2,883	
2,898	2,899		
2,915	2,931		
2,931	2,932	Intermediate, 7in, 6,456in, 13 ftKB, Centralizers @ 2922', 2840', 2755', 2666', 2578', 2489', 197', Turbolizers @ 2446', 2401', 2357', 2,932 ftKB	Intermediate Casing Cement, 13-2,932, 8/11/2003, Lead cement w/365 sxs of Class G followed by tail of 100 sxs of 50/50 class G poz, circulated 15 bbls to surface.
3,061	3,081		
3,081	3,089		
3,089	3,090		
3,091	3,091		
3,100	3,102	Open Hole (2932'-3251')	
3,102	3,112		
3,123	3,123		
3,180	3,180	PICTURED CLIFFS, 3,180	
3,251	3,251	PBTD 3251' TD, 3,251, 9/25/2003	

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 231A San Juan 31-6 Unit

**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) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Place the Kirtland/Ojo Alamo plug from 2525' – 2307'.
  - b) Place the Nacimiento plug from 1177' – 1077'.

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.