

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  
Revised May 08, 2003

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

WELL API NO. 30-039-27332
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-289-3
7. Lease Name or Unit Agreement Name San Juan 31-6 Unit 31328
8. Well Number SJ 31-6 Unit #223A
9. OGRID Number 217817
10. Pool name or Wildcat Basin Fruitland Coal 71629



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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator CONOCOPHILLIPS COMPANY	
3. Address of Operator p.O. Box 2197 WLD 4066, Houston, TX 77252	
4. Well Location Unit Letter <u>C</u> ; <u>815'</u> Feet from the <u>North</u> line and <u>1465'</u> feet from the <u>West</u> line Section <u>32</u> Township <u>31N</u> Range <u>6W</u> NMPM County <u>Rio Arriba</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/> Change to APD, (TD, casing design & cement)	OTHER: <input type="checkbox"/>

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 will be using different casing design and cement slurry than approved with the APD. See attached for a description of what will be changed.

We will also like to deepen the subject well to allow for sump/rathole in non-producing Picture Cliffs Formation.

Plans are to have a mudlogger on site to verify that PC gas isn't encountered and the mud logs will be submitted with the final completion paperwork. The maximum depth we would deepen to is 3390'. If PC gas is encountered in the process, we will plug back to the base of the coal interval.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patsy Clugston TITLE SHEAR ADMINISTRATIVE ASSISTANT DATE MAY 15, 2003

Type or print name PATSY CLUGSTON

Telephone No. 505-599-3454

This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 9 DATE MAY 16 2003  
Conditions of approval, if any:

## San Juan 31-6 #223A

### SURFACE CASING :

Drill Bit Diameter	12.25 "	
Casing Outside Diameter	9.625 "	8.989
Casing Weight	32.3 ppf	
Casing Grade	H-40	
Shoe Depth	200 '	40 '
Cement Yield	1.16 cuft/sk	
Excess Cement	100 %	
Casing Capacity	0.0785 bbl/ft	0.4407 cuft/ft
Hole / Casing Annulus Capacity	0.0558 bbl/ft	0.3132 cuft/ft

**Cement Required 123.2 sx**

**SHOE 200 ', 9.625 ", 32.3 ppf, H-40**

### INTERMEDIATE CASING :

Drill Bit Diameter	7.875 "	
Casing Outside Diameter	5.5 "	4.901
Casing Weight	17 ppf	
Casing Grade	J-55	
Shoe Depth	3390 '	
Lead Cement Yield	2.61 cuft/sk	
Lead Cement Excess	150 %	
Tail Cement Length	500 '	90 '
Tail Cement Yield	1.27 cuft/sk	
Tail Cement Excess	150 %	
Casing Capacity	0.0233 bbl/ft	0.1310 cuft/ft
Casing / Casing Annulus Capacity	0.0491 bbl/ft	0.2757 cuft/ft
Hole / Casing Annulus Capacity	0.0309 bbl/ft	0.1733 cuft/ft

**Lead Cement Required 467.5 sx**

**Tail Cement Required 179.8 sx**

**SHOE 3390 ', 5.5 ", 17 ppf, J-55**

San Juan 31-6 Unit #223A  
E-289-3; API-30-039-27332  
Unit C, 815' FNL & 1465' FWL, Section 32, T31N, R6W  
Rio Arriba Co., NM

Revisions for Drilling - change in TD, casing design and cement slurry

1. TD = 3390' RKB
2. 9-5/8", 32.3# H-40 surface casing set at 200' and cemented as follows:
  - 125 sx Class G cement + 2% bwoc CaCl<sub>2</sub> (S001) + 0.25 lbs/sx Cellophane flakes (D029) mixed at 15.8 ppg with a 1.16 ft<sup>3</sup>/sx yield.
3. No 7" intermediate casing on this one. The plan is to set a long string of 5.5" production casing through the coal - and perforate and fracture.
4. 5.5", 17# J-55 intermediate casing set at 3390' and cemented as follows:
  - Lead: 484 sx - Class G cement with 3% bwoc Extender (D079) + 0.2% bwoc Antifoam Agent (D046) + 5 lbs/sx Pheno Seal + 0.25 lbs/sx Cellophane flakes (D029) mixed at 11.7 ppg with a yield of 2.61 ft<sup>3</sup>/sx
  - Tail: 141 sx - 50/50 Class G/Poz with 0.25 lbs/sx Cellophane flakes (D029) + 5 lbs/sx Gilsonite extender (D024) + 2% bwoc Bentonite (D020) + 0.2% bwoc Antifoam Agent (D046) + 2.5 lbs/sx Pheno Seal and 2% bwoc CaCl<sub>2</sub> (S001) mixed at 13.5 ppg with a 1.27 ft<sup>3</sup>/sx yield.