

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**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 reverse side.**

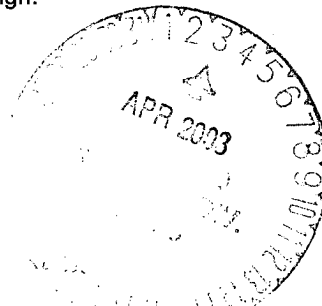
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: COAL BED METHANE		5. Lease Serial No. NMSF078998
2. Name of Operator CONOCOPHILLIPS COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 2197 WL3 4066 HOUSTON, TX 77252		7. If Unit or CA/Agreement, Name and/or No. NMNM78423A
3b. Phone No. (include area code) Ph: 505.599.3454 Fx: 505-599-3442		8. Well Name and No. SAN JUAN 32-7 UNIT 231A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T31N R7W NWNW 1220FNL 1205FWL 36.90333 N Lat, 107.59830 W Lon		9. API Well No. 30-045-31319-00-X1
		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
		11. County or Parish, and State SAN JUAN COUNTY, NM

**12. CHECK 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recompleting 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleting in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 wishes to change the drilling prognosis submitted with the original APD. Plans now are to fracture stimulate this well and as a result we have changed our casing and cement design. Please see the attached for the new program.



14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #20019 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by Adrienne Garcia on 03/27/2003 (03AXG0915SE)</b>	
Name (Printed/Typed) PATSY CLUGSTON	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 03/26/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>/s/ Jim Lovato</u>	Title	Date
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.	Office	MAR 28 2003

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

NMOC

PHILLIPS PETROLEUM COMPANY

WELL NAME: San Juan 32-7 #231A

REVISED DRILLING PROGNOSIS

Location of Proposed Well Unit D, 1220' FNL & 1205' FWL  
Section 17, T31N, R7W

2. Unprepared Ground Elevation: @ 6491'

3. The geological name of the surface formation is San Jose.

4. Type of drilling tools will be rotary

5. Proposed drilling depth is 3396'.

6. The estimated tops of important geologic markers are as follows:

<u>Nacimiento - 1106'</u>	<u>Base Coal Interval - 3396'</u>
<u>Ojo Alamo - 2261'</u>	<u>Pictured Cliffs - 3396'</u>
<u>Kirtland - 2361'</u>	<u>Term. Casing - 3607'</u>
<u>Fruitland - 2996'</u>	<u>T. D. - 3396'</u>
<u>Top of Coal - 3096'</u>	

7. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Water:	<u>Ojo Alamo - 2261' - 2361'</u>
Oil:	<u>none</u>
Gas:	<u>Fruitland Coal - 3096' - 3396'</u>
Gas & Water:	<u>Fruitland Coal - 3096' - 3396'</u>

8. The proposed casing program is as follows:

Surface String: 9-5/8", 32.3#, H-40 @ 200' \*

Production String: 5-1/2", 17#, J-55 STC @ 3396'

\* The surface casing will be set at a minimum of 200', but could be set deeper if required to maintain hole stability.

9. Cement Program:

Surface String: *Circulate*  
112.5 sx - 13.5 ppg, Class G cement + 0.25#/sx D029 (lost circulation), 4% S001 (accelerator) & 4% D020 (extender) Yield =  
1.27 ft<sup>3</sup>/sx Volume from 235 feet to surface with 100% excess =  
142.87 cf

9. Cement program: (continued from Page 1)

**Production String:** Lead - 468.5 sx - 11.7 ppg, Class G cement + 0.25#/sx D029 (lost circulation), 3% D0079 (extender), 0.2% D046 (anti-foam), Yield - 2.61 ft<sup>3</sup>/sx, Mix water = 15.79 gal/sx. Volume from 2925' to surface with 150% excess from 2925' to 200', 0% excess from 200' to surface) = 1222.78 cf. *TOC to at least 100'*

Tail - 179.8 sx - 13.5 ppg, 50/50 Class G/POZ + 0.25#/sx D029 (lost circulation), 5#/sx D024 (lost circulation), 5#/sx D024 (extender), 2% D020 (extender), 2% S001 (accelerator), 0.1% D046 (anti-foam). Yield - 1.27 ft<sup>3</sup>/sx, Mix water = 6.33 gal/sx. Volume from 3697' to 2925' with 150% excess - 228.36 cf.

Note: ConocoPhillips Company continually works to improve the cement slurries on our wells. Our Cementing Service Companies are currently trying to improve what we are using now and before we would use a new cement program it would have to have stronger properties than we are currently using.

Centralizer Program:

Surface: Total four (4) - 10' above shoe and top of 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> jts.

Production Total seven (7) - 10' above shoe and top of 1<sup>st</sup>, 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, & 1<sup>st</sup> jt. into shoe.

Turbulators: Total three (3) - one at 1<sup>st</sup> jt below Ojo Alamo and next 2 jts up.

The well will be completed by fracture stimulation.

10. The minimum specifications for pressure control equipment which are to be used, a schematic diagram thereof showing sizes, pressure ratings (or) API series and the testing procedure and testing frequency are enclosed within the APD packet.
11. Drilling Mud Prognosis: Surface - spud mud on surface casing.  
Production - fresh water w/polymer sweeps. Bentonite as required for viscosity w/LCM for lost circulation.
12. The testing, logging, and coring programs are as follows:  
D.S.T.s or cores: No: Logs: GR/CCL/CBL & GSL over zones of interest
13. Anticipated no abnormal pressures or temperatures to be encountered or any other potential hazards such as Hydrogen Sulfide Gas. Low risk H<sub>2</sub>S equipment will be used.

Estimated Bottomhole pressures: Fruitland Coal - +/- 525 psi

4. The anticipated starting date is sometime around April 8, 2003 with duration of drilling/ completion operations for approximately 30 days thereafter.

**San Juan 32-7 #231A**

**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	1.27 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	112.5 sx	

SHOE 200 ', 9.625 ", 32.3 ppf,

**INTERMEDIATE CASING :**

Drill Bit Diameter	7.875 "	
Casing Outside Diameter	5.5 "	4.901
Casing Weight	17 ppt	
Casing Grade	J-55	
Shoe Depth	3396 '	
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	468.5 sx	
Tail Cement Required	179.8 sx	

SHOE 3396 ', 5.5 ", 17 ppf,