

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ConocoPhillips Company

3a. Address

5525 Highway 64, NBU 3004, Farmington, NM 87401

3b. Phone No. (include area code)

505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit C. 1240' FNL & 1485' FWL  
Section 28, T31N, R6W

5. Lease Serial No.

NMSF078995

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.

SJ 31-6 Unit #229A

9. API Well No.

30-039-27400

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

Rio Arriba, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Acidize                 | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Alter Casing            | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
| <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>moved location</u>                     |
| <input type="checkbox"/> Convert to Injection    | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | <u>approx. 450'</u>                       |

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 recomple 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 recomple 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 final site is ready for final inspection.)

The NM State Game and Fish Department requested we move this location approx. 450' west of the originally permitted location. To accomodate them, we will be twinning this well off of the 31-6 #27E location. Attached is a new plats and Surface Use Plan. Also find a new drilling progonsis with the appropriate changes. LaPlata Archaeological Consultants will be submitted a new report and a new EA has been submitted by Adkins Consulting.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Patsy Clugston

Title

SHEAR Administrative Assistant

Date

7/10/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

EP/ROW Team

Date

8/11/03

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

PFO

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it unlawful 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.

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 31328	*Property Name SAN JUAN 31-6 UNIT		*Well Number 229A
*GRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 5458'

<sup>10</sup> Surface Location

UL or lot no. C	Section 28	Township 31N	Range 6W	Lot Idn	Feet from the 1240	North/South line NORTH	Feet from the 1485	East/West line WEST	County RIO ARriba
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 320.0 Acres - (W/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div><p>15</p><p>5275.04'</p><p>1240'</p><p>1485'</p><p>LAT: 36°52.4627' N LONG: 107°28.2902' W DATUM: NAD27</p><p>28</p><p>5280.00'</p><p>5281.32'</p><p>070 Farmington, NM</p><p>2003 JUL 10 PM 2:14</p></div>	<div><p><sup>17</sup> OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p><p><i>Vicki Westby</i> Signature Vicki R. Westby Printed Name Sr. Analyst Title <i>July 2, 2003</i> Date</p><p><sup>18</sup> SURVEYOR CERTIFICATION</p><p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p><p>Date of Survey: MAY 29, 2003</p><p>Signature and Seal of Professional Surveyor</p><p><i>JASON C. EDWARDS</i> Certificate Number 15269</p></div>
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WELL NAME: San Juan 31-6 Unit #229A

## DRILLING PROGNOSIS

1. Location of Proposed Well: Unit C (NENW), 1240' FNL & 1485' FWL  
Section 28, T31N, R6W
2. Unprepared Ground Elevation: @ 6458'
3. The geological name of the surface formation is San Jose.
4. Type of drilling tools will be rotary.
5. Proposed drilling depth is 3630'.
6. The estimated tops of important geologic markers are as follows:

<u>Nacimiento - 1131</u>	<u>PC Tongue - 3335'</u>
<u>Ojo Alamo - 2431'</u>	<u>Base Lowest Coal - 3431'</u>
<u>Kirtland - 2546'</u>	<u>Pictured Cliffs - 3433'</u>
<u>Fruitland - 3071'</u>	<u>T. D. - 3630'</u>
<u>Base of Main Coal - 3331'</u>	

TD includes 199' of sump/rathole & COPC will comply with the BLM/OCD's Conditions of Approval for the proposed sump/rathole in this non-producing Pictured Cliffs Formation.

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 - 2431' - 2546'</u>
Oil:	<u>none</u>
Gas:	<u>Fruitland Coal - 3071' - 3431'</u>
Gas & Water:	<u>Fruitland Coal - 3071' - 3431'</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 @ 3630'

\* 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: 150 sx - 15.8 ppg Class G cement + 2% S001 CaCl<sub>2</sub>, + 0.25#/sx  
D029 Cellophane Flakes. Water required - 4.983 gal/sx . Yield -  
1.16 cf/sx (174.27 cf.) Will circulated cement to surface.

9. Cement program: (continued from Page 1)

**Production String:** Lead – 474 sx – 11.7 ppg, Class G cement + 3% D079 (Extender) + 0.25#/sx D029 (Cellophane Flakes) + 5#/sx Pheno Seal, + 0.2% D046 Antifoam. Mix water = 15.876 gal/sx. Yield – 2.61 ft<sup>3</sup>/sx (1237.73 cf)

Tail – 243 sx – 13.5 ppg, 50/50 Class G/POZ + 2% D029 (Bentonite) + 2% S001 (CaCl<sub>2</sub>) + 0.25#/sx D029 (Cellophane Flakes), + 5#/sx Gilsonite extender, + 2.5#/sx Pheno Seal, # 0.2% D046 Antifoam. ) Mix water = 5.182 gal/sx. Yield = 1.27 ft<sup>3</sup>/sx (308.67 cf). Anticipate circulating cement to surface.

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:  
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 – 750 psi
14. The anticipated starting date is sometime around August 1, 2003 with duration of drilling/ completion operations for approximately 30 days thereafter.