

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 APR 25 PM 1:49

1a. Type of Work DRILL	5. Lease Number SF-078995 Unit Reporting Number 210 FARMINGTON NM NMNM-78421C-FC	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips	7. Unit Agreement Name San Juan 31-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #225A	
4. Location of Well Surf: Unit F (SENW), 2590' FNL & 1375' FWL, BH: Unit E (SWNW), 1500' FNL & 760' FWL Surf: Latitude 36° 51.3683 N Longitude 107° 30.4792 W BH: Latitude 36° 51.5477 N Longitude 107° 30.6053 W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 31, T31N, R6W API # 30-039- 30256	
14. Distance in Miles from Nearest Town 24 miles/Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 760'	17. Acres Assigned to Well 320 - (W/2)	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 200' From San Juan 31-6 225R	
19. Proposed Depth 3239'	20. Rotary or Cable Tools Rotary RCVD JUN15'07	
21. Elevations (DF, FT, GR, Etc.) 6223' GL	22. Approx. Date Work will Start OIL CONS. DIV. DIST. 3	
23. Proposed Casing and Cementing Program See Operations Plan attached HOLD ON RUN directional survey	24. Authorized by: Rhonda Rogers (Regulatory Technician) 4-26-07 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 2

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

NMOCD

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

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

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

APR 26 PM 1:49

☐ AMENDED REPORT

RECEIVED

ELM  
210 E. RICHMOND NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number <b>30039-30256</b>	'Pool Code 71629	'Pool Name BASIN FRUITLAND COAL
'Property Code 31328	'Property Name SAN JUAN 31-6 UNIT	'Well Number 225A
'GRID No 217817	'Operator Name CONOCOPHILLIPS COMPANY	'Elevation 6223

<sup>10</sup> Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	31	31N	6W		2590	NORTH	1375	WEST	RIO ARriba

<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
E	31	31N	6W		1500	NORTH	760	WEST	RIO ARriba

<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

<sup>16</sup>

<sup>17</sup> OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  
*Virgil E. Chavez*  
Signature  
Virgil E Chavez  
Printed Name  
Projects & Operations Lead  
Title  
August 30, 2006  
Date

<sup>18</sup> SURVEYOR CERTIFICATION  
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  
Date of Survey JULY 26, 2006  
Signature and Seal of Professional Surveyor  
  
JASON C. EDWARDS  
Certificate Number 15269

## State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-039- 30256

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

NMSF-078995

7. Lease Name or Unit Agreement Name

San Juan 31-6 Unit

8. Well Number

#225A

9. OGRID Number

217817

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 Company

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter F : 2590' feet from the North line and 1375' feet from the West line  
 Section 31 Township 31N Rng 6W NMPM County Rio Arriba

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

6223' GL

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type New Drill

Depth to Groundwater

&gt;100

Distance from nearest fresh water well

&gt;1000'

Distance from nearest surface water

&lt;1000'

Pit Liner Thickness:

12

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 ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐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.

New Drill, Lined:

ConocoPhillips proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on ConocoPhillips' interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits as detailed in ConocoPhillips' General Plan dated June 2005 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. ConocoPhillips anticipates closing these pits according to the November 1, 2004 Guidelines.

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

TITLE

Regulatory Technician

DATE

12/28/2006

Type or print name

Amanda Sanchez

E-mail address:

asanchez@br-inc.com

Telephone No.

505-326-9518

For State Use Only

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY

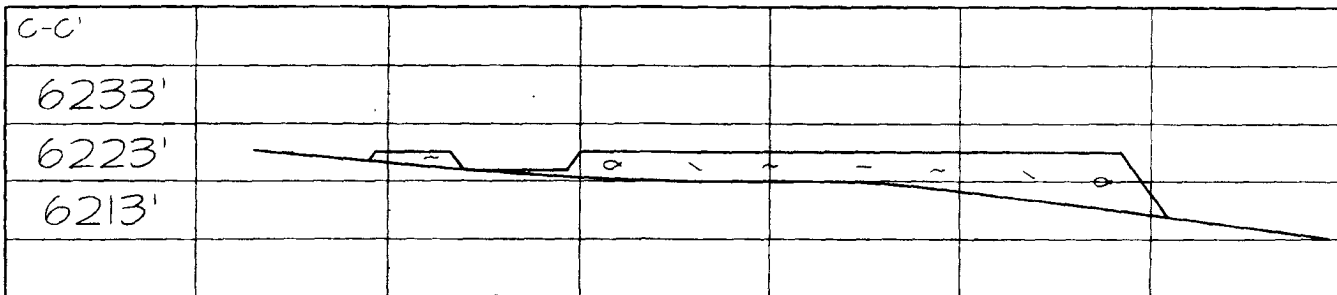
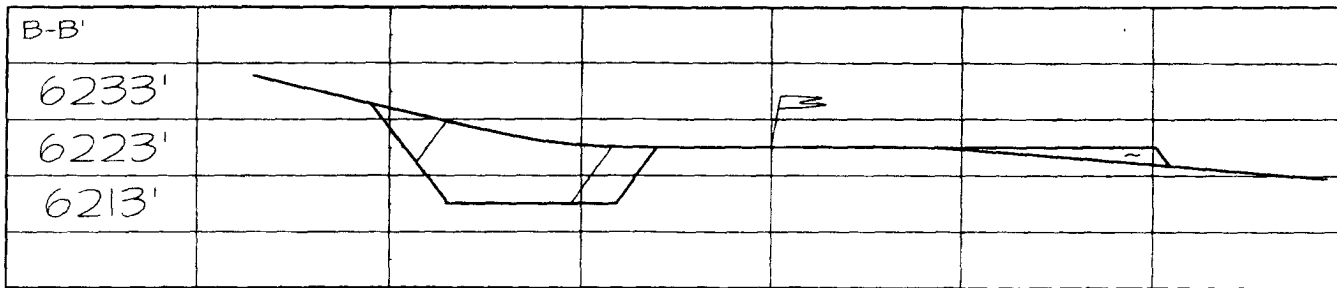
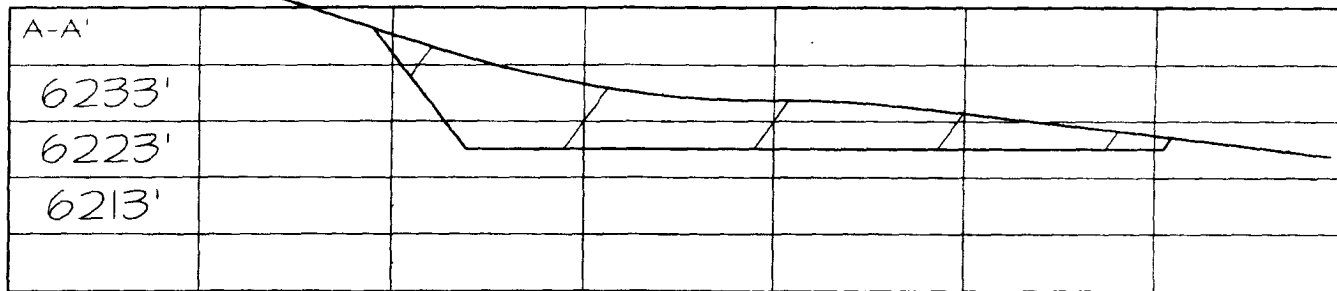
TITLE

DATE

JUN 28 2007

Conditions of Approval (if any):

LATITUDE: 36.85614° N  
LONGITUDE: 107.50859° W  
DATUM NAD1983



submitted in lieu of Form 3160-5  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2007 MAY -1 PM 4:10

1. Type of Well  
GAS

RECEIVED  
BLM  
210 FARMINGTON NM

5. Lease Number  
SF-078995

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
San Juan 31-6 Unit

8. Well Name & Number

9. San Juan 31-6 Unit #225A  
API Well No.

30-039-

10. Field and Pool

Basin Fruitland Coal

San Juan Co., NM

2. Name of Operator  
**ConocoPhillips**

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit F (SENW), 2590' FNL & 1375' FWL, Section 31, T31N, R6W, NMPM

BH: Unit E (SWNW), 1500' FNL & 760' FWL, Section 31, T31N, R6W, NMPM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☒ Other - sump & Mud Logs

☐ Subsequent Report

☐ Plugging

☐ Non-Routine Fracturing

☐ Final Abandonment

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

This well requires a sump in non-productive PC & a mud logger will be on location to monitor for gas in PC.

This well is a Type 1 of the Master Plan.

-sump request granted 5/1/07 CEM

14. I hereby certify that the foregoing is true and correct.

Signed

*Rhonda Rogers*

Rhonda Rogers

Title Regulatory Technician

Date 4-30-07

(This space for Federal or State Office use)

APPROVED BY

*D. Manabe*

Title

*AFM*

Date

*6/14/07*

CONDITION OF APPROVAL, if any:

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

RCVD JUN 15 '07  
OIL CONS. DIV.  
DIST. 3

NMOCD

### PROJECT PROPOSAL - New Drill / Sidetrack

AN JUAN 31-6 UNIT 225A

DEVELOPMENT

Lease:		AFE #: WAN.CBM.4167		AFE \$: 190,671.41	
Field Name: 31-6		Rig: Aztec Riq 673		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Sturdy, Michael D		Phone: 505-326-9850		Prod. Engineer: Bergman, Pat W.	
Res. Engineer: Poore, John W		Phone: 505-599-4038		Proj. Field Lead:	
				Phone:	

#### Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

<b>Location:</b> Surface		<b>Datum Code:</b> NAD 27		<b>Deviated</b>	
Latitude: 36.856134	Longitude: -107.507984	X:	Y:	Section: 31	Range: 006W
Footage X: 1375 FWL	Footage Y: 2590 FNL	Elevation: 6223	(FT)	Township: 031N	
Tolerance:					
<b>Location:</b> Bottom Hole		<b>Datum Code:</b> NAD 27		<b>Deviated</b>	
Latitude: 36.859128	Longitude: -107.510088	X:	Y:	Section: 31	Range: 006W
Footage X: 760 FWL	Footage Y: 1500 FNL	Elevation:	(FT)	Township: 031N	
Tolerance:					

Location Type: Summer Only		Start Date (Est.):		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6239		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
SAN JOSE	9	6230	<input type="checkbox"/>			12 1/4" hole, 9 5/8" 32.3 ppf. 14-40csc.	
NCMT	1054	5185	<input type="checkbox"/>			cmt'd w/ 200ft <sup>3</sup>	
OJAM	2149	4090	<input type="checkbox"/>			Possible water flows.	
KRLD	2279	3960	<input type="checkbox"/>				
FRLD	2739	3500	<input type="checkbox"/>			Possible gas.	
Intermediate Casing	2839	3400	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Circulate cement to surface. Cement with 662 cuft.	
BASE MAIN COAL	3039	3200	<input type="checkbox"/>	100			
PC TONGUE	3049	3190	<input type="checkbox"/>				
BASE LOWEST COAL	3154	3085	<input type="checkbox"/>				
PCCF	3159	3080	<input type="checkbox"/>				
TD	3239	3000	<input type="checkbox"/>			6-1/4" hole possibly underreamed to 9.5". Optional liner: 5.5", 15.5#, J-55 LTC - left uncemented	

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	NE Blanco Unit 22-A	36-31N-7W, SE
Intermediate	NE Blanco Unit 304	30-31N-6W, SW
Intermediate	31-6 #225	31-31N-6W, SW
Intermediate	31-6 #223	32-31N-6W, SW

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo