

RCVD JAN 12 '12

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

DIST. 3  
JUN 01 2010

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management

1a. Type of Work DRILL	5. Lease Number SF-078840 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator  ConocoPhillips Company	7. Unit Agreement Name  San Juan 28-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name  9. Well Number 110P
4. Location of Well Surf: Unit N (SESW), 1242' FSL & 2416' FWL  Surf: Latitude: 36.554668° N (NAD83) Longitude: 107.617272° W	10. Field, Pool, Wildcat Basin Dakota Blanco Mesaverde  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 19, T27N, R7W  API # 30-039-30972
14. Distance in Miles from Nearest Town 24.3 from Bloomfield	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1242'	
16. Acres in Lease 1281.51	17. Acres Assigned to Well 321.15 (W2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 820.3' from SJ 28-7 Unit 268 (Otero Chacra)	
19. Proposed Depth 7475' <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6619' GL	22. Approx. Date Work will Start  DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Dollie L. Busse</u> Dollie L. Busse (Staff Regulatory Tech)	Date: <u>May 27, 2010</u>

Hold C104  
for Directional Survey  
and "As Drilled" plat

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

A gas recovery unit may or may not be used on this location.

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 3

Bond Numbers ES-0048 and ES-0085

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

NMOCD A

JAN 27 2012 ca

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

1301 W. Grand Avenue, 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 & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

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Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

Bureau of Land Management  
Farmington Field Office

AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039- <del>30972</del>	<sup>2</sup> Pool Code 71599/72319	<sup>3</sup> Pool Name BASIN DAKOTA / BLANCO MESAVERDE
<sup>4</sup> Property Code 31739	<sup>5</sup> Property Name SAN JUAN 28-7 UNIT	<sup>6</sup> Well Number 110P
<sup>7</sup> OGRID No. 217817	<sup>8</sup> Operator Name CONOCOPHILLIPS COMPANY	<sup>9</sup> Elevation 6619

<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
N	19	27-N	7-W		1242	SOUTH	2416	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
N									
<sup>12</sup> Dedicated Acres 321.15 (W/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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> W/2 DEDICATED ACREAGE USA SF 078840 SECTION 19, T-27-N, R-7-W LOT 1			
LOT 2			
BLM 1955 2635.4' (M) 2636.0' (R)	LOT 3	WELL FLAG NAD 83 LAT: 36.554668° N LONG: 107.617272° W NAD 27 LAT: 36°33.279585' N LONG: 107°36.999822' W	
N 0°1'46" W NORTH	LOT 4	2416' 1242' S 89°14' E S 89°18'32" E 66.0' (R) 66.0' (M) W.C. BLM 1955	
BLM N 89°14' W 1955 N 89°22'53" W 2655.8' (R) 2657.3' (M)			

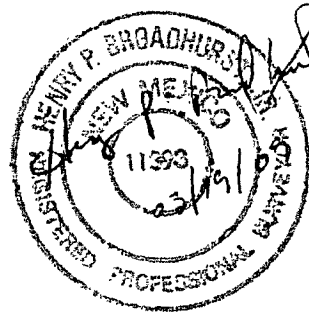
<sup>17</sup> OPERATOR CERTIFICATION  

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Crystal Tafoya* 3/26/09  
Signature  
Crystal Tafoya  
Printed Name  
Regulatory Technician  
Title and E-mail Address  
March 26th, 2009  
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: 2/27/09  
Signature and Seal of Professional Surveyor:  
  
 Certificate Number: NM 11393

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 110P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8464		AFE \$: 1,316,732.29	
Field Name: SAN JUAN		Rig: XXX 2011 Holding Rig #1		State: NM	County: SAN JUAN
API #:					
Geologist:	Phone:	Geophysicist:	Phone:		
Geoscientist:	Phone:	Prod. Engineer:	Phone:		
Res. Engineer:	Phone:	Proj. Field Lead:	Phone:		
<b>Primary Objective (Zones):</b>					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
<b>Location:</b> Surface <b>Datum Code:</b> NAD 27 <b>Straight Hole:</b>					
Latitude: 36.554659	Longitude: -107.616663	X:	Y:	Section: 19	Range: 007W
Footage X: 2416 FWL	Footage Y: 1242 FSL	Elevation: 6619 (FT)	Township: 027N		
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2011		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6631 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6431	<input type="checkbox"/>		
NACIMIENTO	563	6068	<input type="checkbox"/>		
OJO ALAMO	2088	4543	<input type="checkbox"/>		
KIRTLAND	2223	4408	<input type="checkbox"/>		
FRUITLAND	2476	4155	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	2926	3705	<input type="checkbox"/>		
LEWIS	3051	3580	<input type="checkbox"/>		
Intermediate Casing	3151	3480	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 754 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3321	3310	<input type="checkbox"/>		
CHACRA	3838	2793	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4581	2050	<input type="checkbox"/>	228	Gas
MENEFEE	4611	2020	<input type="checkbox"/>		
POINT LOOKOUT	5233	1398	<input type="checkbox"/>		
MANCOS	5536	1095	<input type="checkbox"/>		
UPPER GALLUP	6373	258	<input type="checkbox"/>		
GREENHORN	7162	-531	<input type="checkbox"/>		
GRANEROS	7222	-591	<input type="checkbox"/>		
TWO WELLS	7279	-648	<input type="checkbox"/>	2990	Gas
UPPER CUBERO	7378	-747	<input type="checkbox"/>		
LOWER CUBERO	7399	-768	<input type="checkbox"/>		
Total Depth	7475	-844	<input type="checkbox"/>		6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 633 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	7475	-844	<input type="checkbox"/>		
<b>Reference Wells:</b>					
Reference Type	Well Name		Comments		

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 110P

DEVELOPMENT

## Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Est bottom perf ~20' above the est TD.

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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# CONOCOPHILLIPS COMPANY

SAN JUAN 28-7 UNIT #110P

1242' FSL, 2416' FWL

SECTION 19, T-27-N, R-7-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

NAD 83 LAT.: 36.554668°N LONG.: 107.617272°W

ELEV.: 6619 NAVD88

NEW ACCESS 248.1'

FROM BLANCO, N.M. POST OFFICE:

- GO EAST ON HWY. 64 1.3 MI. TO MILE POST 75.
- TURN RIGHT ON C.R. 4450 (LARGO CANYON) & CONTINUE 8.6 MI. TO "10 MILE BRIDGE". TURN RIGHT TO CROSS CARRIZO WASH.
- TURN LEFT AFTER CROSSING WASH & CONTINUE SOUTHEAST ON MAIN ROAD.
- GO 4.0 MI. FROM "10 MILE BRIDGE" & FOLLOW MAIN ROAD TO THE RIGHT INTO "STOVE CANYON & GOULD PASS". CONTINUE UP GOULD PASS AT 7.8 MI. FROM BRIDGE, ON TOP OF PASS.
- TURN RIGHT, CROSSING CATTLE GUARD & TRAVEL SOUTHERLY DOWN "NAKED LADY HILL".
- GO 1.4 MI. TO "Y" IN ROAD, TURN RIGHT, TRAVELING WEST ON C.R. 500.
- GO EAST 0.6 MI. AND TURN LEFT.
- GO 0.6 MI. SOUTHEAST TO NEW 248.1 FT. ROAD ACCESS ON RIGHT (SOUTH) SIDE OF ROAD TO WELL LOCATION.