

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 17 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management  
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-078640	NMNM 78413A-DK NMNM 78413A-MV RCVD MAY 8 '09
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips	7. Unit Agreement Name OIL CONS. DIV. DIST. 3 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	
4. Location of Well Unit L (NWSW), 1380' FSL & 575' FWL 1425 Latitude: 36.584511 N Longitude: 107.586929 W	9. Well Number 184P	
	10. Field, Pool, Wildcat Basin DK/Blanco MV	
	11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 9, T27N, R7W API # 30-039-30677	
14. Distance in Miles from Nearest Town 30 miles/Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 575'		
16. Acres in Lease 2,560.000	17. Acres Assigned to Well 320.00 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1102' from the San Juan 28-7 184 (DK/MV)		
19. Proposed Depth 7703'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6720' GL	22. Approx. Date Work will Start 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	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: James Gardenhire (Regulatory Technician)	Date: 2-16-09	

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 3

Bond Numbers ES-0048 and ES-0085

NMOC

MAY 14 2009

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

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

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APR 03 2009

**Bureau of Land Management  
Farmington Field Office**

## Sundry Notices and Reports on Wells

- |   |   |
|---|---|
| 1. Type of Well<br><b>GAS</b>   | 5. Lease Number<br><del>SF-078570</del> <b>078640</b>       |
| 2. Name of Operator<br><b>ConocoPhillips Company</b>  | 6. If Indian, All. or<br>Tribe Name                         |
| 3. Address & Phone No. of Operator<br><br><b>PO Box 4289, Farmington, NM 87499 (505) 326-9700</b>                         | 7. Unit Agreement Name<br><br><b>San Juan 28-7 Unit</b>     |
| 4. Location of Well, Footage, Sec., T, R, M<br><br><b>Unit L (NWSW) 1425' FSL &amp; 575' FWL, Sec. 9, T27N, R7W, NMPM</b> | 8. Well Name & Number<br><br><b>San Juan 28-7 Unit 184P</b> |
|   | 9. API Well No.<br><br><b>30-039- 30677</b>                 |
|   | 10. Field and Pool<br><br><b>Blanco MV/Basin DK</b>         |
|   | 11. County and State<br><b>Rio Arriba Co., NM</b>           |

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

<b>Type of Submission</b>	<b>Type of Action</b>		<b>X Other - Rotate Pad</b>
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing	
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off	
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection	

**13. Describe Proposed or Completed Operations**

ConocoPhillips wishes to rotate the subject wells pad 180° at the request of the BLM. The APD was submitted on 2/16/09 with the footages 1380' FSL & 575' FWL, Sec. 9, T27N, R7W. The rotated footages are 1425' FSL & 575' FWL, Sec. 9, T27N, R7W. The new plat, cut & fill, pad diagram and pipeline is attached.

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

Signed Crystal Tafoya Crystal Tafoya Title Regulatory Technician Date 04/02/2009

(This space for Federal or State Office use)

APPROVED BY Robert Pearson Title LIE Date 5/1/09

**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

**NMOCD**

## 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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-039-30677</b>	<sup>2</sup> Pool Code <b>71599 / 72319</b>	<sup>3</sup> Pool Name <b>BASIN DAKOTA / BLANCO MESAVERDE</b>
<sup>4</sup> Property Code <b>31739</b>	<sup>5</sup> Property Name <b>SAN JUAN 28-7 UNIT</b>	<sup>6</sup> Well Number <b>184P</b>
<sup>7</sup> OGRID No. <b>217817</b>	<sup>8</sup> Operator Name <b>CONOCOPHILLIPS COMPANY</b>	<sup>9</sup> Elevation <b>6723</b>

<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
<b>L</b>	<b>9</b>	<b>27-N</b>	<b>7-W</b>		<b>1425</b>	<b>SOUTH</b>	<b>575</b>	<b>WEST</b>	<b>RIO ARRIBA</b>

<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
<b>L</b>									

<sup>12</sup> Dedicated Acres <b>320.00 (W/2)</b>	<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

	<p><b>16</b></p> <p>BLM 1955</p> <p>WELL FLAG NAD 83 LAT: 36.584636° N LONG: 107.586919° W NAD 27 LAT: 36°35.077688' N LONG: 107°35.178678' W</p> <p>W/2 DEDICATED ACREAGE USA SF-078640 SECTION 9, T-27-N, R-7-W</p> <p>575'</p> <p>1425'</p> <p>N 2°21' E 19.8' (R)</p> <p>S 88°10' W S 88°01'38" W</p> <p>5320.3' (R) 5322.4' (M)</p> <p>BLM 1955</p>	<p><b>17 OPERATOR CERTIFICATION</b></p> <p>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.</p> <p><i>Crystal Tafoya</i> 5/11/09 Signature</p> <p><b>Crystal Tafoya</b> Printed Name</p> <p><b>Regulatory Technician</b> Title and E-mail Address</p> <p><b>May 11, 2009</b> Date</p> <p><b>18 SURVEYOR CERTIFICATION</b></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: 11/4/08 Signature and Seal of Professional Surveyor:</p> <p> Certificate Number: NM 11393</p>
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# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 184P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8131		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 283		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Johnson, David		Phone: +1 505-324-6169		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface Datum Code: NAD 27					
Latitude: 36.584627	Longitude: -107.586311	X:	Y:	Section: 09	Range: 007W
Footage X: 575 FWL	Footage Y: 1425 FSL	Elevation: 6729 (FT)	Township: 027N		
Tolerance:		1380	6720		
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:	
Formation Data: Assume KB = 6739		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6539	<input type="checkbox"/>		
OJO ALAMO	2391	4348	<input type="checkbox"/>		
KIRTLAND	2517	4222	<input type="checkbox"/>		
FRUITLAND	2804	3935	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3259	3480	<input type="checkbox"/>		
LEWIS	3357	3382	<input type="checkbox"/>		STC
Intermediate Casing	3507	3232	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, LTC Casing. Cement with 840 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4129	2610	<input type="checkbox"/>		
CHACRA	4178	2561	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4895	1844	<input type="checkbox"/>	125	Gas
MENEFEE	4932	1807	<input type="checkbox"/>		
POINT LOOKOUT	5477	1262	<input type="checkbox"/>		
MANCOS	5853	886	<input type="checkbox"/>		
UPPER GALLUP	6641	98	<input type="checkbox"/>		
GREENHORN	7383	-644	<input type="checkbox"/>		
GRANEROS	7445	-706	<input type="checkbox"/>		
TWO WELLS	7493	-754	<input type="checkbox"/>	2730	Gas
UPPER CUBERO	7609	-870	<input type="checkbox"/>		
LOWER CUBERO	7637	-898	<input type="checkbox"/>		
Total Depth	7703	-964	<input type="checkbox"/>		6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 614 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	7703	-964	<input type="checkbox"/>		TD at top of Encinal with bottom perf about 15' off TD.
Reference Wells:					
Reference Type	Well Name		Comments		
Production	28-7 216 & 216M		sectino 8 27-7		
Production	28-7 184 & 184F		section 9 27-7		

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

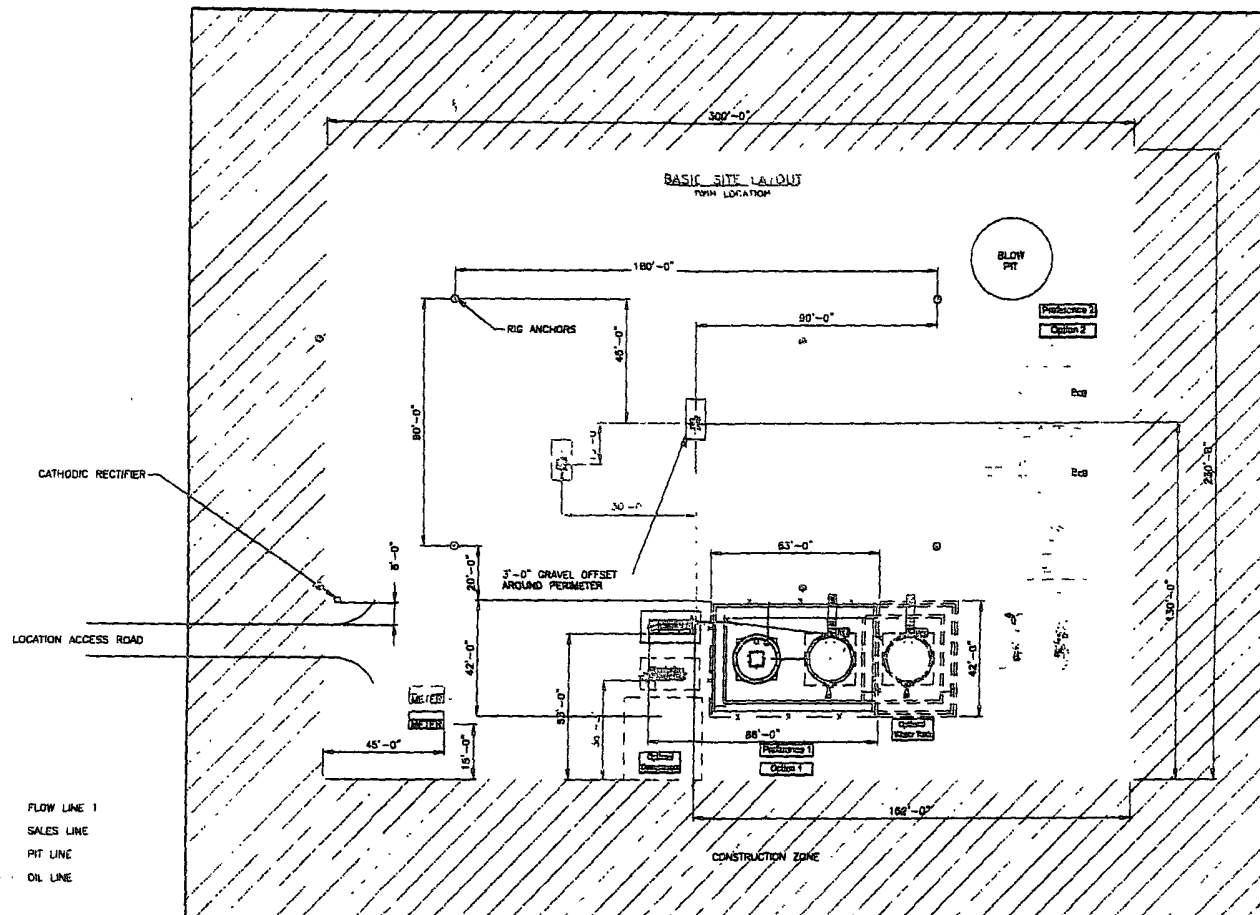
SAN JUAN 28-7 UNIT 184P

DEVELOPMENT

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

TD Logs:	<input type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT	<input checked="" type="checkbox"/> Other
No OH logs or mud logs needed.							

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks



SEE SHEET 3 & 4 FOR PIPING DETAILS  
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS		CanocoPhillips		CONOCOPhillips HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT		
										DESCRIPTION	REVIEWED	DATE	NO.	DESCRIPTION			CLIENT NO.	CLIENT APPR.	OFFR. DATE.
										PROCESS									
										MECHANICAL									
										PIPING									
										ELECTRICAL									
										I & C									
										CON/STRUCTURAL									
										PROJECT									
DESCRIPTION	DATE	BY	CHK'D	ENG	DISC	PRJ	SAN JUAN BUSINESS UNIT							CLIENT NO.	CLIENT APPR.	OFFR. DATE.			
														CLIENT BY	CLIENT APPR.	OFFR. DATE.			
														NO. 154					
														HP3PHASE-REV1					
																Sheet 1 of 5			

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APR 03 2009

**CONOCOPHILLIPS COMPANY**

**SAN JUAN 28-7 UNIT #184P**

**1425' FSL, 575' FWL**

**SECTION 9, T-27-N, R-7-W, N.M.P.M.,**

**RIO ARriba COUNTY, NEW MEXICO**

**NAD 83 LAT.: 36.584636°N LONG.: 107.586919°W**

**ELEV.: 6723 NAVD88**

**NO NEW ACCESS**

**Bureau of Land Management  
Farmington Field Office**

**FROM BLOOMFIELD, NEW MEXICO AT THE INTERSECTION OF HWY.  
64 AND HWY 550:**

- **GO 10.6 MILES EAST ON HWY. 64 THROUGH BLANCO, N.M. AND ACROSS THE SAN JUAN RIVER TO THE INTERSECTION OF HWY. 64 AND C.R. 4450 (LARGO CANYON). TURN RIGHT AND HEAD SOUTHEAST ON C.R. 4450 ALONG THE NORTH SIDE OF LARGO WASH.**
- **GO 9.5 MILES SOUTHEAST ON C.R. 4450 AND TURN RIGHT TO "9 MILE BRIDGE" WASH CROSSING.**
- **GO 4.3 MILES SOUTHEAST FROM "9 MILE BRIDGE" ON C.R. 4450 ALONG THE SOUTH SIDE OF CARRIZO WASH. STAY RIGHT ON MAIN ROAD INTO "STOVE CANYON" AND BEGIN CLIMBING UP GOULD PASS.**
- **GO 3.3 MILES SOUTHERLY WINDING UP GOULD PASS AND TOPPING OUT ON ENCINADA MESA IN THE NORTHEAST PART OF SECTION 7, T-27-N, R-7-W. HEAD EASTERLY ON MAIN ROAD.**
- **GO 1.9 MILES FROM THE TOP OF GOULD PASS, EAST ON MAIN ROAD. TURN RIGHT (SOUTH) DOWN HILL.**
- **GO .25 MILE SOUTH THROUGH GATE AND WELL IS STAKED TO THE LEFT (SOUTH) SIDE OF ROAD.**