

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 JUL 5 PM 3 35

1a. Type of Work DRILL	5. Lease Number NMSF-080069
1b. Type of Well GAS	Unit Reporting Number NMNM-78415A-MV
2. Operator ConocoPhillips	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 29-5 Unit
4. Location of Well Unit K (NESW), 1660' FSL & 2475' FWL,  Latitude 36° 43.3695 N Longitude 107° 20.6814 W	8. Farm or Lease Name  9. Well Number #48B  10. Field, Pool, Wildcat Blanco Mesaverde  11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 15, T29N, R5W  API # 30-039-30290
14. Distance in Miles from Nearest Town 6 miles/Gobernador	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 1660'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well MV - 320 - (W/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1480' from San Juan 29-5 #48	
19. Proposed Depth 6363'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6887' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Rhonda Rogers (Regulatory Technician)	7-3-07 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 3

Bond Numbers ES-0048 and ES-0085

This action is subject to technical and procedural review pursuant to 43 CFR 3165.2 and appeal pursuant to 43 CFR 3165.4

NMOCD

7-26-07  
BH

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

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

2007 JUL 5 PM 3 35  
RECEIVED  
070 FARMINGTON NM  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039 - 30290	*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 31325	*Property Name SAN JUAN 29-5 UNIT	*Well Number 488
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 6887'

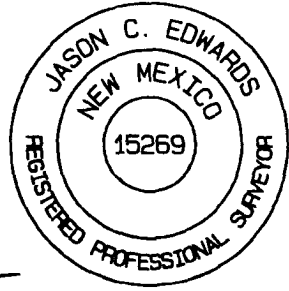
<sup>10</sup> Surface Location

UL or lot no K	Section 15	Township 29N	Range 5W	Lot Idn	Feet from the 1660	North/South line SOUTH	Feet from the 2475	East/West line WEST	County 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
<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.		

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>16</p><p>5264.16'</p><p>LEASE FEE</p><p>5280.00'</p><p>2475'</p><p>LEASE NM SF-080069</p><p>2634.72'</p><p>1660'</p><p>2634.72'</p><p>15</p><p>LAT: 36.72283°N LONG: 107.34529°W DATUM: NAD83</p><p>LAT: 36°43.3695'N LONG: 107°20.6814'W DATUM: NAD27</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>Tracey N. Monroe</i></p><p>Signature</p><p>Tracey N. Monroe</p><p>Printed Name</p><p>Regulatory Assistant</p><p>Title</p><p>9/05/06</p><p>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>Survey Date: DECEMBER 29, 2005</p><p>Signature and Seal of Professional Surveyor</p><p></p><p><i>Jason C. Edwards</i></p><p>Certificate Number 15269</p></div>
--	---

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

1301 W. Grand Ave., Artesia, NM 88210

## District III

1000 Rio Brazos Rd., Aztec, NM 87410

## District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy, Minerals and Natural Resources

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

30-039- 30290

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

NMSF-080069

7. Lease Name or Unit Agreement Name

San Juan 29-5 Unit

8. Well Number

#48B

9. OGRID Number

217817

10. Pool name or Wildcat

Blanco Mesaverde

## 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

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter K : 1660' feet from the South line and 2475' feet from the West line  
Section 15 Township 29N Rng 5W NMPM County Rio Arriba

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

6887'

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

&gt;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 ☐

## SUBSEQUENT REPORT OF:

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

OTHER:

New Drill ☒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 and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 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. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

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

12-8-06

Type or print name

Rhonda Rogers

E-mail address:

rogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,  
District #3

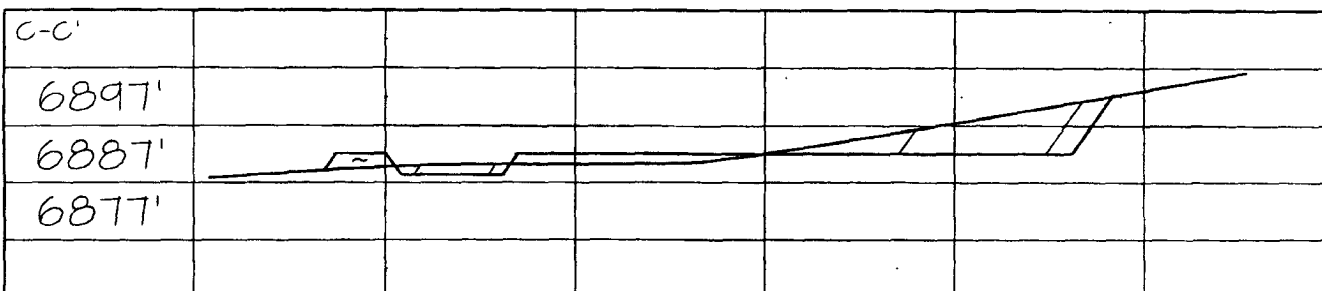
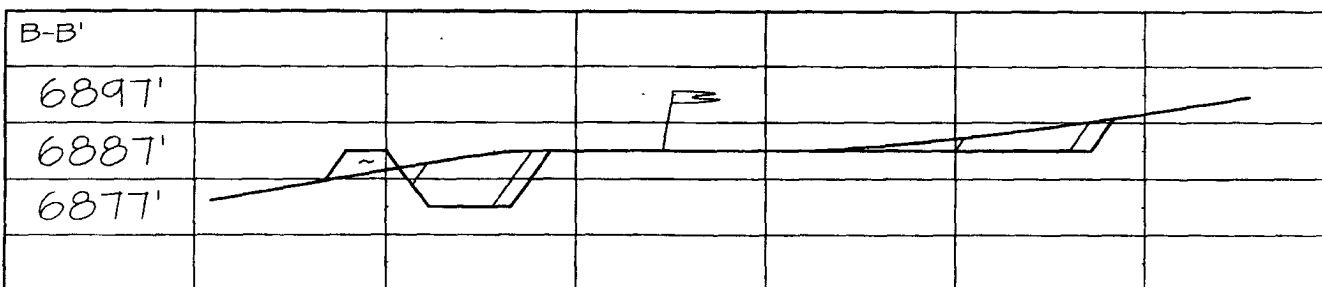
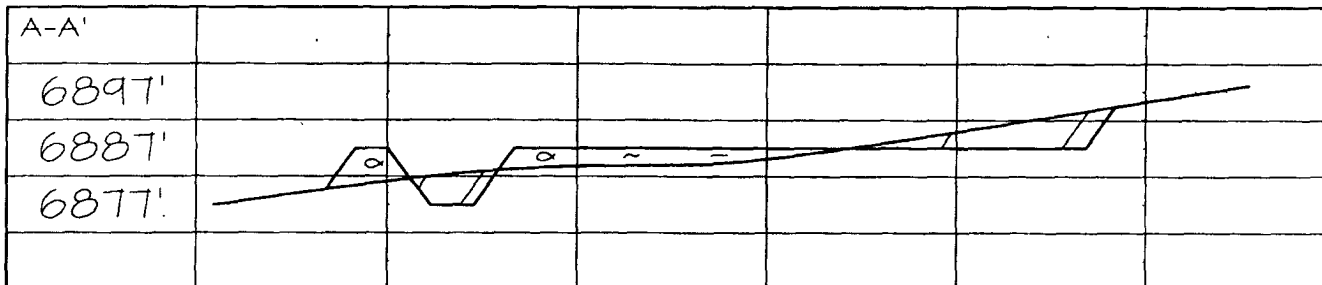
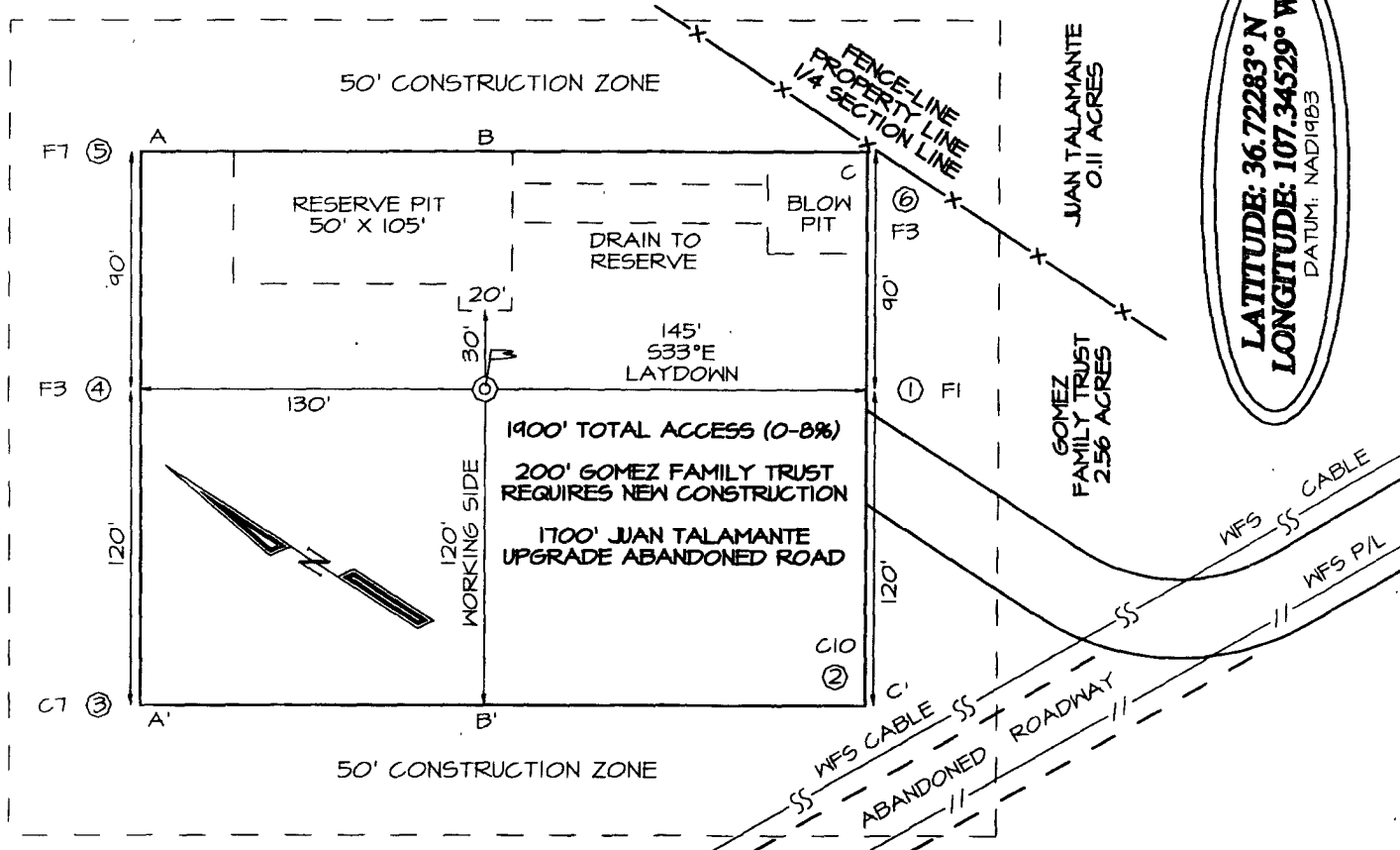
DATE

JUL 26 2007

Conditions of Approval (if any):

**CONOCOPHILLIPS COMPANY SAN JUAN 29-5 UNIT #48B**  
**1660' FSL & 2475' FWL, SECTION 15, T29N, R5W, NMPM**  
**RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6887'**

**LATITUDE: 36.72283° N**  
**LONGITUDE: 107.34529° W**  
 DATUM: NAD1983



# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 UNIT 48B

DEVELOPMENT

Lease:		AFE #: WAN.CNV.6169		AFE \$: 516,688.21	
Field Name: 29-5		Rig: XXX 2009 Vertical		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist: Glaser, Terry J		Phone: (832)486-2332		Prod. Engineer: Phone:	
Res. Engineer:		Phone:		Proj. Field Lead: Fransen, Eric E. Phone:	

## Primary Objective (Zones):

Zone	Zone Name
R20002	MESAVERDE(R20002)

## Location: Surface Datum Code: NAD 27

Latitude: 36.722822	Longitude: -107.344689	X:	Y:	Section: 15	Range: 005W
Footage X: 2475 FWL	Footage Y: 1660 FSL	Elevation: 6887 (FT)	Township: 029N		
Tolerance:					

Location Type: Summer Only	Start Date (Est.):	Completion Date:	Date In Operation:
----------------------------	--------------------	------------------	--------------------

Formation Data: Assume KB = 6903	Units = FT
----------------------------------	------------

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SURFACE CSG	219	6684	<input type="checkbox"/>			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 171 cuft. Circulate cement to surface.
NCMT	1475	5428	<input type="checkbox"/>			
OJAM	2625	4278	<input type="checkbox"/>			Possible water flows.
KRLD	3029	3874	<input type="checkbox"/>			
FRLD	3493	3410	<input type="checkbox"/>			Possible gas.
Intermediate Casing	3593	3310	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 809 cuft. Circulate cement to surface.
PCCF	3831	3072	<input type="checkbox"/>			
LEWS	4031	2872	<input type="checkbox"/>			
CHRA	4841	2062	<input type="checkbox"/>			
MENF	5700	1203	<input type="checkbox"/>			Gas; possibly wet
CLFH	5713	1190	<input type="checkbox"/>			Gas; possibly wet
PTLK	6013	890	<input type="checkbox"/>	900		Gas.
MNCS	6263	640	<input type="checkbox"/>			
TOTAL DEPTH MV	6363	540	<input type="checkbox"/>			6-1/4" Hole. 4-1/2", 10.5 ppf, J-55, STC casing. Cement with 381 cuft. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	29-5 23	16-29N-5W-NE, KB = 6740
Intermediate	29-5 97	15-29N-5W-SE, KB = 6828

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 UNIT 48B

DEVELOPMENT

## Logging Program:

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

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

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
----------	-------	-----------	---------	----------------	---------

Comments: Zones - Non-PC PA - can't achieve 660' setbacks to include the PC.

General/Work Description - Once established and adequately tested, production will be from Mesaverde/Lewis only. 3/9/07 per W. Prabowo Cancel adding DK due to high risk.