

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APR 09 2009

1a. Type of Work DRILL	5. Lease Number Bureau of Land Management SF-078997 Farmington Field Office	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips Company	7. Unit Agreement Name RCVD APR 22 '09 OIL CONS. DIV. San Juan 30-5 Unit DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name	
4. Location of Well Surface: Unit K(NESW), 2415' FSL & 1555' FWL Surface: Latitude: 36.826535° N (NAD 83) Longitude: 107.366312° W	9. Well Number 49N 10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 9, T30N, R5W API # 30-039-30732	
14. Distance in Miles from Nearest Town 59 miles/Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1555'	17. Acres Assigned to Well MV 1555 320.00 (W/2) OK 320 (SA)	
16. Acres in Lease 2,560.00	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1769' from San Juan 30-5 Unit 49 (DK)	
19. Proposed Depth 7867'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6331' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	<u>4/8/2009</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY: [Signature] TITLE ATM DATE 4/21/09

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

NMCCD

APR 24 2009

PA NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

APR 09 2009

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

Bureau of Land Management

Field Office

WELL LOCATION AND ACREAGE DEDICATION

¹ API Number 30-039-30732	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 17260-31327	⁵ Property Name SAN JUAN 30-5 UNIT	⁶ Well Number 49N
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6331

¹⁰ SURFACE LOCATION

UL or lot no. K	Section 9	Township 30-N	Range 5-W	Lot Idn	Feet from the 2415	North/South line SOUTH	Feet from the 1555	East/West line WEST	County RIO ARRIBA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. K	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320.00 (W/R) W	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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92 DK

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

¹⁶ W/2 DEDICATED ACREAGE USA SF-078997 SECTION 9, T-30-N, R-5-W WELL FLAG NAD 83 LAT: 36.826535° N LONG: 107.366312° W NAD 27 LAT: 36°49.591682' N LONG: 107°21.942615' W GLO 1916 1555' 2641.1' (M) 2640.0' N 0°19'39" W N 0°01'00" E GLO N 89°44' E 1916 N 89°30'00" E 2630.1' (R) 2624.9 (M) GLO 1916		¹⁷ 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 8/4/08 Signature Crystal Tafoya Printed Name Regulatory Technician Title and E-mail Address August 4, 2008 Date ¹⁸ 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: 4/30/08 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393
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PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 30-5 UNIT 49N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8112		AFE \$: 1,376,795.60	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 281		State: NM	County: RIO ARRIBA
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797	Proj. Field Lead:		Phone:

Primary Objective (Zones):	
Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

Location: Surface		Datum Code: NAD 27	
Latitude: 36.826528	Longitude: -107.365710	X:	Y:
Footage X: 1555 FWL		Footage Y: 2415 FSL	
Elevation: 6331 (FT)		Township: 030N	
Section: 09			
Range: 005W			
Tolerance:			

Location Type: Restricted	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6343	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6143	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	2341	4002	<input type="checkbox"/>			
KIRTLAND	2537	3806	<input type="checkbox"/>			
FRUITLAND	2682	3661	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3283	3060	<input type="checkbox"/>			
LEWIS	3456	2887	<input type="checkbox"/>			
Intermediate Casing	3556	2787	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 801 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4058	2285	<input type="checkbox"/>			
CHACRA	4421	1922	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	5254	1089	<input type="checkbox"/>	190		Gas
MENEFEE	5290	1053	<input type="checkbox"/>			
POINT LOOKOUT	5521	822	<input type="checkbox"/>			
MANCOS	5941	402	<input type="checkbox"/>			
UPPER GALLUP	6823	-480	<input type="checkbox"/>			
GREENHORN	7516	-1173	<input type="checkbox"/>			
GRANEROS	7566	-1223	<input type="checkbox"/>			
TWO WELLS	7674	-1331	<input type="checkbox"/>	3200		Gas
UPPER CUBERO	7687	-1344	<input type="checkbox"/>			
LOWER CUBERO	7736	-1393	<input type="checkbox"/>			
ENCINAL	7808	-1465	<input type="checkbox"/>			
Total Depth	7867	-1524	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 11.6 ppf, J-55, LTC casing. Cement w/ 587 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-5 UNIT 49N

DEVELOPMENT

Logging Program:			
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
Est bottom perf ~15' above the est TD.							

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

CONOCOPHILLIPS COMPANY

**SAN JUAN 30-5 UNIT #49N
2415' FSL, 1555' FWL
SECTION 9, T-30-N, R-5-W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO
NAD 83 LAT.: 36.826535°N LONG.: 107.366312°W
ELEV.: 6331 NAVD88
NEW ACCESS 142.4'**

**DRIVING DIRECTIONS TO: COPC SAN JUAN 30-5 UNIT #49N IN SECTION
9, T-30-N, R-5-W IN RIO ARRIBA CO.**

THIS WELL IS LOCATED OFF HWY. #527 (SIMMS MARINA), EAST ALONG
ROSA ROAD, EAST INTO LA JARA CANYON, AND EAST INTO LA FRAGUA
CANYON $\frac{3}{4}$ MILE NORTH OF "DRY LAKE" ON JOSEPH ESPINOSA PROPERTY.

FROM BLOOMFIELD, N.M.:

- GO 37.7 MILES EAST ON HWY. #64 (MILE MARKER 102.3) TURN LEFT (NORTH) ON HWY. #527, A.K.A. SIMMS MARINA ROAD.
- GO 8.0 MILES NORTH ON HWY. #527 (SIMMS MARINA ROAD). TURN RIGHT ONTO ROSA ROAD.
- GO 6.4 MILES ALONG ROSA ROAD, CROSSING LA JARA WASH. TURN RIGHT (WESTERLY) AT B.L.M. SIGN.
- GO 5.2 MILES CROSSING LA FRAGUA WASH, STAYING ON MAIN ROAD HEADING EAST TOWARD "DEAD COTTONWOOD BY STOCK POND" IN THE SOUTHEAST PART OF SECTION 16, T-30-N, R-5-W, AND TURN LEFT (NORTH).
- GO 1.7 MILES NORTH. WELL STAKED OFF LEFT (WEST) SIDE OF ROAD.