

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 09 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management

1a. Type of Work
DRILL

5. Lease Number
SF-078997

Farmington Field Office

1b. Type of Well
GAS

Unit Reporting Number

NMNM-78419A-MV

6. If Indian, All. or Tribe

NMNM 78419B-DK

RCVD JAN 23 '09

2. Operator

ConocoPhillips

7. Unit Agreement Name

OIL CONS. DIV.

DIST. 3

San Juan 30-5 Unit

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499

8. Farm or Lease Name

(505) 326-9700

9. Well Number

52N

4. Location of Well

Unit O (SWSE), 165' FSL & 2330' FEL,

10. Field, Pool, Wildcat

Basin Dakota

Blanco Mesaverde

11. Sec., Twn, Rge, Mer. (NMPM)

0 Sec. 15, T30N, R5W

Latitude: 36.805909 N

Longitude: 107.343671 W

API # 30-039-30648

14. Distance in Miles from Nearest Town

58.1 miles/Bloomfield

12. County

Rio Arriba

13. State

NM

15. Distance from Proposed Location to Nearest Property or Lease Line

165'

16. Acres in Lease

640.48 2560.00

17. Acres Assigned to Well

MV 320 (E/2) DK 320 (S/2)

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease

657.7' from San Juan 30-5 Unit 243A (FC)

19. Proposed Depth

8086'

20. Rotary or Cable Tools

Rotary

21. Elevations (DF, FT, GR, Etc.)

6601' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program

See Operations Plan attached

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

24. Authorized by:

Patsy Clugston (Sr. Regulatory Specialist) 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

JAN 29 2009

NMOC

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

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

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

¹ API Number 30-039- <u>30648</u>	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code <u>17260</u> <u>31327</u>	⁵ Property Name SAN JUAN 30-5 UNIT	
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁶ Well Number 52N ⁹ Elevation 6601

¹⁰ SURFACE LOCATION

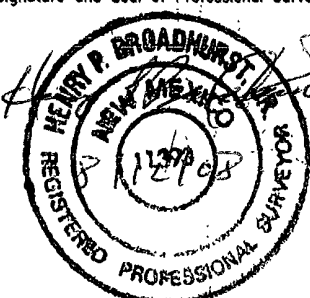
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	15	30-N	5-W		165	SOUTH	2330	EAST	RIO ARRIBA

¹¹ 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
O									

¹² Dedicated Acres E/2 - 320 MV S/2 - 320 DK	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

16	GLO 1916		5280.0' (R) 5287.1' (M)	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. <u>Crystal Tafoya</u> 8/20/08 Signature Crystal Tafoya Printed Name Regulatory Technician Title and E-mail Address August 20, 2008 Date
	E/2 DEDICATED ACREAGE USA SF-078997 SECTION 15, T-30-N, R-5-W			
SW/4 DEDICATED ACREAGE USA SF-078994	SE/4 DEDICATED ACREAGE USA SF-078997		WELL FLAG NAD 83 LAT: 36.805909° N LONG: 107.343671° W NAD 27 LAT: 36°48.354152' N LONG: 107°20.584206' W 2330' N 0°03' E N 0°17'56" W	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: 7/15/08 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393
GLO 1916	GLO 1916			

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PD08.N4		
SAN JUAN 30 - 5 # 52 N		DATE 8/19/2008
WELL NAME		
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
O 15	30 N	5 W	36.805909 N	107.343671 W

COUNTY

RIO ARRIBA

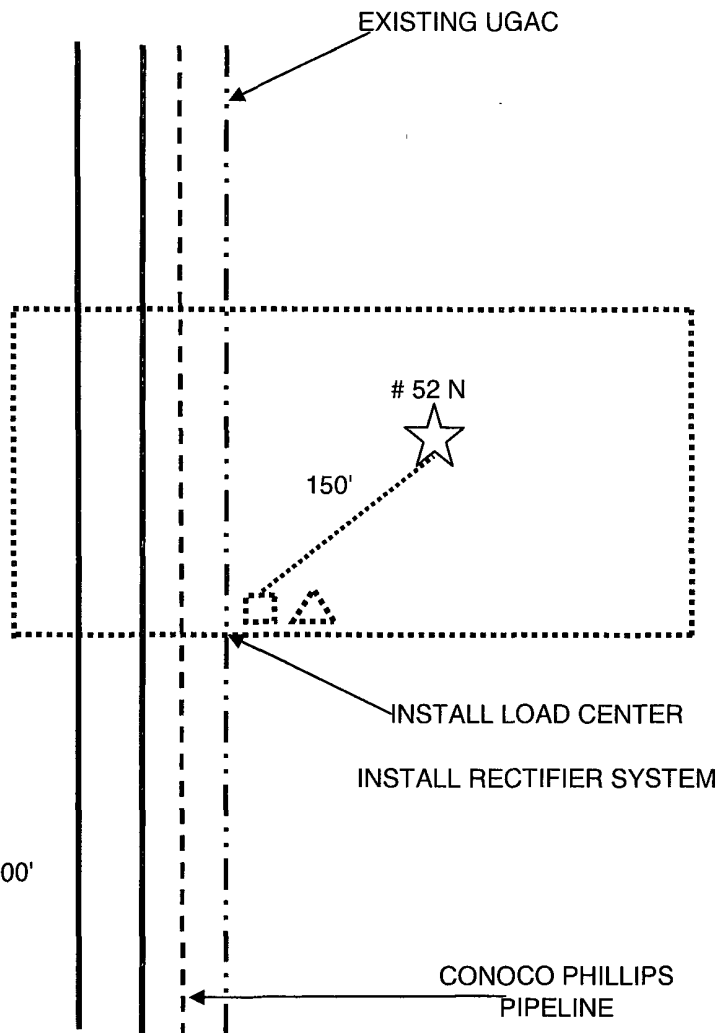
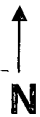
RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP

















SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
# 8	200'			
			JEMEZ	
			800'	
		X		

COMMENTS

1 PHASE JEMEZ PRIMARY 800'
INSTALL LOAD CENTER
INSTALL RECTIFIER SYSTEM
EXISTING UGAC

WELL NAME	SAN JUAN 30 - 5 # 52 N
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TANK 	SEP OR DEHY 	SOLAR 	METER POLE 	PUMP JACK 	GND/BED 	EXISTING CABLE 
RECT  	PIT 	WELL 	proposed solar/gb 	PROPOSED CABLE 	POWER LINE 	CONOCO PL 
				FOREIGN PL 		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-5 UNIT 52N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8225		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 673	State: NM	County: RIO ARRIBA	API #:
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist: Johnson, David		Phone: +1 505-324-6169	Prod. Engineer:		Phone:
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797	Proj. Field Lead:		Phone:
Primary Objective (Zones):					
Zone	Zone Name				
RON	BLANCO MESAVERDE (PRORATED GAS)				
RR	BASIN DAKOTA (PRORATED GAS)				

Location: Surface		Datum Code: NAD 27				
Latitude: 36.805902	Longitude: -107.343070	X:	Y:	Section: 15	Range: 005W	
Footage X: 2330 FEL	Footage Y: 165 FSL	Elevation: 6601 (FT)	Township: 030N			
Tolerance:						
Location Type: Restricted		Start Date (Est.): 1/1/2010		Completion Date:		
				Date In Operation:		
Formation Data: Assume KB = 6616 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6416	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
JO ALAMO	2655	3961	<input type="checkbox"/>			
IRTLAND	2858	3758	<input type="checkbox"/>			
RUITLAND	2927	3689	<input type="checkbox"/>			Possible Gas
ICTURED CLIFFS	3532	3084	<input type="checkbox"/>			
EWIS	3626	2990	<input type="checkbox"/>			
Intermediate Casing	3726	2890	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 839 cuft. Circulate cement to surface.
UERFANITO BENTONITE	4313	2303	<input type="checkbox"/>			
HACRA	4653	1963	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	5497	1119	<input type="checkbox"/>	300		Gas
MEEFEE	5536	1080	<input type="checkbox"/>			
POINT LOOKOUT	5718	898	<input type="checkbox"/>			
ANCOS	6164	452	<input type="checkbox"/>			
PPER GALLUP	7020	-404	<input type="checkbox"/>			
REENHORN	7767	-1151	<input type="checkbox"/>			
RANEROS	7819	-1203	<input type="checkbox"/>			
TWO WELLS	7928	-1312	<input type="checkbox"/>	2850		Gas
PPER CUBERO	7939	-1323	<input type="checkbox"/>			
OWER CUBERO	7981	-1365	<input type="checkbox"/>			
NCINAL	8048	-1432	<input type="checkbox"/>			
Total Depth	8086	-1470	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 593 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 30-5 UNIT 52N

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 ~20' above the est TD.	

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

Comments: Location/Tops/Logging - MV/DKNM030N005W15SE2 Twinning option with SJ 30-5 Unit 243A (FTC). Prefer O, J, P.

Zones - MV/DKNM030N005W15SE2

General/Work Description - LEWIS INCLUDED

CONOCOPHILLIPS COMPANY

SAN JUAN 30-5 UNIT #52N

165' FSL, 2230' FEL

SECTION 15, T-30-N, R-5-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

NAD 83 LAT.: 36.805909°N LONG.: 107.343671°W

ELEV.: 6601 NAVD88

NEW ACCESS 124.8'

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 (EASTERLY) AT FOREST SERVICE WARNING 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. TURN RIGHT (EAST).
- GO 0.8 MILES EAST. TURN LEFT (NORTH).
- GO NORTH 60 FT. AND BEGIN NEW 124.8 FT. ACCESS ROAD ON RIGHT SIDE OF ROAD.