

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD JAN 5 '10
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED	5. Lease Number SF-080069 Unit Reporting Number
1b. Type of Well GAS	DEC 14 2009 Bureau of Land Management Farmington Field Office	6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company		7. Unit Agreement Name San Juan 29-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number 235
4. Location of Well Surf: Unit L(NWSW), 1750' FSL & 1045' FWL Surf: Latitude: 36.72311° N (NAD83) Longitude: 107.35016° W		10. Field, Pool, Wildcat Basin FC / Gobernador PC 11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 15, T29N, R5W API # 30-039- 30879
14. Distance in Miles from Nearest Town 4 miles / Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 890'		
16. Acres in Lease 680.00	17. Acres Assigned to Well 320.00 W/2 (FC) & 160.00 SW/4 (PC)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 110' from SJ 29-5 Unit 48 (MV)		
19. Proposed Depth 3921'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6774' GL	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)	12/14/2009 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 2

Bond Numbers NMB-000015 and NMB-000089

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"

JAN 07 2010

NMOCD

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

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
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-3087A	*Pool Code 77440 / 71629	*Pool Name GOBERNADOR PICTURED CLIFFS / BASIN FRUITLAND COAL
*Property Code 31326 31325	*Property Name SAN JUAN 29-5 UNIT	*Well Number 235
*GRID No 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 6774'

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
L	15	29N	5W		1750	SOUTH	1045	WEST	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

¹² Dedicated Acres 160.0 Acres - SW/4 (PC) 320.0 Acres - W/2 (FC)	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 5264.16' PC pool rules specify 160 acre spacing, however revenues are distributed on 320 acres in the Federal Units LEASE FEE 5280.00' 890' 1045' 1585' 1750' LEASE SF-080069 5269.44' 15 LAT: 36°43.3862'N LONG: 107°20.9738'W DATUM: NAD1927 LAT: 36°72311'N LONG: 107°35016'W DATUM: NAD1983	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. <i>Tracey N. Monroe</i> 8/10/09 Signature Date Tracey N. Monroe Printed Name 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: MAY 6, 2009 Signature and Seal of Professional Surveyor  <i>JASON C. EDWARDS</i> Certificate Number 15269
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PL

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 UNIT 235

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8549		AFE \$: 1,003,306.79	
Field Name: SAN JUAN	Rig: Aztec Rig 711	State: NM	County: RIO ARRIBA	API #:	
Geologist:	Phone:	Geophysicist:	Phone:		
Geoscientist:	Phone:	Prod. Engineer:	Phone:		
Res. Engineer:	Phone:	Proj. Field Lead:	Phone:		

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)
R20003	PICTURED CLIFFS(R20003)

Location: Datum Code: NAD 27

Latitude: 36.723102	Longitude: -107.349558	X:	Y:	Section: 15	Range: 005W
Footage X: 1045 FWL	Footage Y: 1750 FSL	Elevation: 6774	(FT)	Township: 029N	
Tolerance:					

Location Type: Restricted Start Date (Est.): 1/1/2010 Completion Date: Date In Operation:

Formation Data: Assume KB = 6785 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6665	☐			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
NACIMIENTO	1620	5165	☐			
OJO ALAMO	2969	3816	☐			
KIRTLAND	3087	3698	☐			
FRUITLAND	3167	3618	☐	1156		Gas
FRUITLAND COAL	3217	3568	☐			
PICTURED CLIFFS	3721	3064	☐			Gas; TD - 200' below T/PCCF
Total Depth	3921	2864	☐			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 603 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	SJ 29-5 23	29N 5W 16 SE NE
Production	SJ 29-5 75F	29N 5W 22 W2 NE NW
Production	SJ 29-5 48B	29N 5W 15 SE NE SW
Production	SJ 29-5 48	29N 5W 15 NW SW

Logging Program:

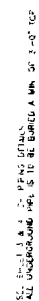
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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

Cased Hole GR / CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Directions from the Intersection of US Hwy 64 & US Hwy 550 in Bloomfield, NM

to ConocoPhillips Company San Juan 29-5 Unit #235

1750' FSL & 1045' FWL, Section 15, T29N, R5W, NMPM, Rio Arriba County, NM

Latitude : 36.72311°N Longitude : 107.35016°W Datum : NAD1983

From the intersection of US Hwy 64 & US Hwy 550 in Bloomfield, NM, travel Easterly on US Hwy 64 for 39.3 miles to Milepost 103.7;

Go left (North-westerly) for 1.1 miles to fork in road;

Go right (North-easterly) for 0.2 miles to 4-way intersection;

Go right (South-easterly) for 0.2 miles to staked location which overlaps an existing wellpad.