


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FEB 24 2010

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-078417-A Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips Company	7. Unit Agreement Name 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 RCVD MAR 9 '10 OIL CONS. DIV. DIST. 3	
4. Location of Well Surf: Unit F (SENW), 1420' FNL & 1765' FWL Surf: Latitude: 36.65007° N (NAD83) Longitude: 107.56388° W	10. Field, Pool, Wildcat South Blanco PC / Basin FC 11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 22, T28N, R7W API # 30-039-30931	
14. Distance in Miles from Nearest Town 24 miles / Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1420'	17. Acres Assigned to Well 320.00 W/2 - FC/PC - NW/4 160	
16. Acres in Lease 320.00	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 70' from San Juan 28-7 Unit 220M (MV/DK)	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 3676'	 H ₂ S POTENTIAL EXIST	
21. Elevations (DF, FT, GR, Etc.) 6805' GL	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Tech)	

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 ES-0048 and ES-0085

MAR 11 2010

NMOCD

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

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

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

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☐ AMENDED REPORT

Bureau of Land Management
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30931	*Pool Code 72439 / 71629	*Pool Name SOUTH BLANCO PICTURED CLIFFS / BASIN FRUITLAND COAL
*Property Code 31739	*Property Name SAN JUAN 28-7 UNIT	*Well Number 429
*GRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 6805'

10 Surface Location

UL or lot no F	Section 22	Township 28N	Range 7W	Lot Idn	Feet from the 1420	North/South line NORTH	Feet from the 1765	East/West line WEST	County RIO ARriba
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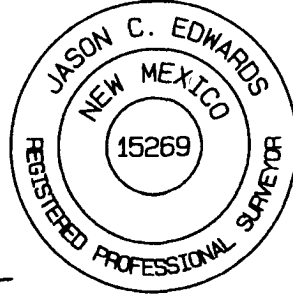
11 Bottom Hole Location If Different From Surface

UL or lot no F	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 160.0 Acres - NW/4 (PC) 320.0 Acres - W/2 (FC)					13 Joint or Infill	14 Consolidation Code	15 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

15 LEASE USA SF-079289	5286.60' 1420' LAT: 36°39.0040'N LONG: 107°33.7961'W DATUM: NAD1927	1765' 860' 1210'	5283.96'
NW/4 - 160.0 Acres for PC Spacing/ Density W/2 - 320.0 Acres for Federal Unit Agreement		22	
LEASE USA SF-078417-A			

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
Ethel Tally 9/14/09
Signature Date
Ethel Tally
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: JULY 17, 2009
Signature and Seal of Professional Surveyor

JASON C. EDWARDS
Certificate Number 15269

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 429

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9111		AFE \$: 1,051,491.68	
Field Name: SAN JUAN		Rig: XXX 2011 Holding Rig #1	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)
UPL	BLANCO PICTURED CLIFFS

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.650062	Longitude: -107.562781	X:	Y:	Section: 22	Range: 007W
Footage X: 1765 FWL	Footage Y: 1420 FNL	Elevation: 6805	(FT)	Township: 028N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2011	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6816	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	120	6696	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
NACIMIENTO	1201	5615	<input type="checkbox"/>			
OJO ALAMO	2658	4158	<input type="checkbox"/>			
KIRTLAND	2765	4051	<input type="checkbox"/>			
FRUITLAND	3094	3722	<input type="checkbox"/>	854		Gas
FRUITLAND COAL	3149	3667	<input type="checkbox"/>			
PICTURED CLIFFS	3476	3340	<input type="checkbox"/>			Gas; TD - 200' below T/PCCF
Total Depth	3676	3140	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 492 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	SJ 28-7 220F	28N 7W 22 NW SE NW
Production	SJ 28-7 255M	28N 7W 22 NW SE NW
Production	SJ 28-7 220M	28N 7W 22 NW SE NW
Production	SJ 28-7 220G	28N 7W 22 NW SE NW

Logging Program:

Intermediate Logs: <input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo
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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
Cased Hole GR / CBL

Additional Information:

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

Directions from the Intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM
to ConocoPhillips Company San Juan 28-7 Unit #429

1420' FNL & 1765' FWL, Section 22, T28N, R7W, N.M.P.M., Rio Arriba County, NM

Latitude : 36.65007°N Longitude : 107.56388°W Datum : NAD1983

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Easterly on US Hwy 64 for 17.6 miles to top of Manzaneres Mesa;

Go right (South-easterly) for 0.6 miles to fork in road;

Go left (South-easterly) for 1.1 miles to fork in road;

Go left (North-easterly) for 7.9 miles to 4-way intersection;

Go straight (Easterly) for 2.6 miles to "T" intersection;

Go left (South-easterly) for 0.3 miles to fork in road;

Go right (Southerly) for 0.7 miles to fork in road;

Go left which is straight (Southerly) for 0.8 miles to fork in road;

Go right (North-westerly) for 0.5 miles to fork in road;

Go right which is straight (North-westerly) for 0.2 miles to fork in road;

Go right (North-westerly) for 0.5 miles to fork in road;

Go left (Westerly) for 0.6 miles to fork in road;

Go right (North-westerly) for 0.3 miles to staked location which overlaps an existing wellpad.