


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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-078146 Unit Reporting Number NMNM-123369	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips Company	7. Unit Agreement Name RCUD MAR 16 '10 OIL CONS. DIV. DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Newberry Com 9. Well Number 1S	
4. Location of Well Surf: Unit O (SWSE), 1195' FSL & 1830' FEL Surf: Latitude: 36.92410° N (NAD83) Longitude: 108.11609° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) O Sec. 5, T31N, R12W API # 30-045-35110	
14. Distance in Miles from Nearest Town 6 miles / LaPlata	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1195'	17. Acres Assigned to Well 318.12 E/2 - FC	
16. Acres in Lease 2,240.00	 H ₂ S POTENTIAL EXIST	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 60' from Newberry Com 1M (MV/DK)	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 2599'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	
21. Elevations (DF, FT, GR, Etc.) 6002' 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)	Date <u>2/24/2010</u>	

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 17 2010

NMOCD

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

FOR ACCEPTANCE OF THIS
DOES NOT RELIEVE THE LESSEE AND
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

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

FEB 24 2010

☐ AMENDED REPORT

Bureau of Land Management
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35110		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 31842	*Property Name NEWBERRY COM		*Well Number 1S
*OGRID No 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6002'

¹⁰ Surface Location


UL or lot no	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
0	5	31N	12W		1195	SOUTH	1830	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 318.12 Acres - E/2	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 2642.64' 1281.06' LOT 4 LOT 3 1306.14' 2612.94' 5297.16'	<div style="text-align: center; font-size: 2em;">5</div> LEASE USA SF-078146	<div style="text-align: center; font-size: 1.5em;">LEASE FEE</div> 1830' LAT: 36°55.4461'N LONG: 108°06.9275'W DATUM: NAD1927 1195' LAT: 36°52.410'N LONG: 108°11.609'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. Signature: <u>Ethel Tally</u> Date: <u>9/30/09</u> Printed Name: <u>Ethel Tally</u>
			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. Survey Date: <u>SEPTEMBER 7, 2009</u> Signature and Seal of Professional Surveyor: <div style="text-align: center;"> <u>JASON C. EDWARDS</u> Certificate Number 15269</div>

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NEWBERRY COM 1S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9079		AFE \$: 1,086,455.40	
Field Name: SAN JUAN		Rig: XXX 2011 Holding Rig #1		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Phone:	
Res. Engineer:		Phone:		Prod. Engineer:	
				Phone:	
		Proj. Field Lead:		Phone:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface Datum Code: NAD 27 Straight Hole

Latitude: 36.924098	Longitude: -108.115461	X:	Y:	Section: 05	Range: 012W
Footage X: 1830 FEL	Footage Y: 1195 FSL	Elevation: 6002	(FT)	Township: 031N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2011	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6017	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	5897	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	585	5432	<input type="checkbox"/>			
KIRTLAND	650	5367	<input type="checkbox"/>			
FRUITLAND	1730	4287	<input type="checkbox"/>			Gas
PICTURED CLIFFS	2399	3618	<input type="checkbox"/>	750		Gas
Total Depth	2599	3418	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 399 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
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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
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No open hole logs or mudloggers required.

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 & State Hwy 574
in Aztec, New Mexico to ConocoPhillips Company Newberry Com #1S
1195' FSL & 1830' FEL, Section 5, T31N, R12W, NMPM, San Juan County, NM

Latitude : 36.92410°N Longitude : 108.11609°W Datum : NAD1983

From the intersection of US Hwy 550 & State Hwy 574 in Aztec, NM, travel North-westerly on State Hwy 574 for 9.9 miles;

Go right (Northerly) for 0.1 miles to staked location which overlaps an existing wellpad.