

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 20 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Region Field Office
Bureau of Land Management

1a. Type of Work DRILL	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	5. Lease Number USA SF-077111 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company		7. Unit Agreement Name RCVD SEP 20 11 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 Storey C LS 9. Well Number 100
4. Location of Well Surface: Unit P(SESE), 1277' FSL & 1050' FEL Surface: Latitude: 36.64380° N (NAD83) Longitude: 107.77061° W		10. Field, Pool, Wildcat Basin FC / Aztec PC 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 22, T28N, R9W API # 30-045- 35924
14. Distance in Miles from Nearest Town 21 miles from Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1277		
16. Acres in Lease 2575.130	17. Acres Assigned to Well 320.00 acres (E/2) 160.00 acres (SE/4)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 796' from Storey C LS 1 (DH-PC)		
19. Proposed Depth 3463	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7014' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: Arleen R. Kellywood Arleen R. Kellywood (Staff Regulatory Tech)		6/20/11 Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 9/15/11

Archaeological Report attached A gas recovery unit may or may not be used on this location.
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

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

NMOCD

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

PC

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102
Revised July 10, 2010

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate
District Office

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

Armington Field Office
Bureau of Land Management

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045 - 35924	² Pool Code 71629/71280	³ Pool Name BASIN FRUITLAND COAL / AZTEC	PICTURED CLIFFS
⁴ Property Code 318478	⁵ Property Name STOREY C LS	⁶ Well Number 100	
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 7014'	

¹⁰ Surface Location

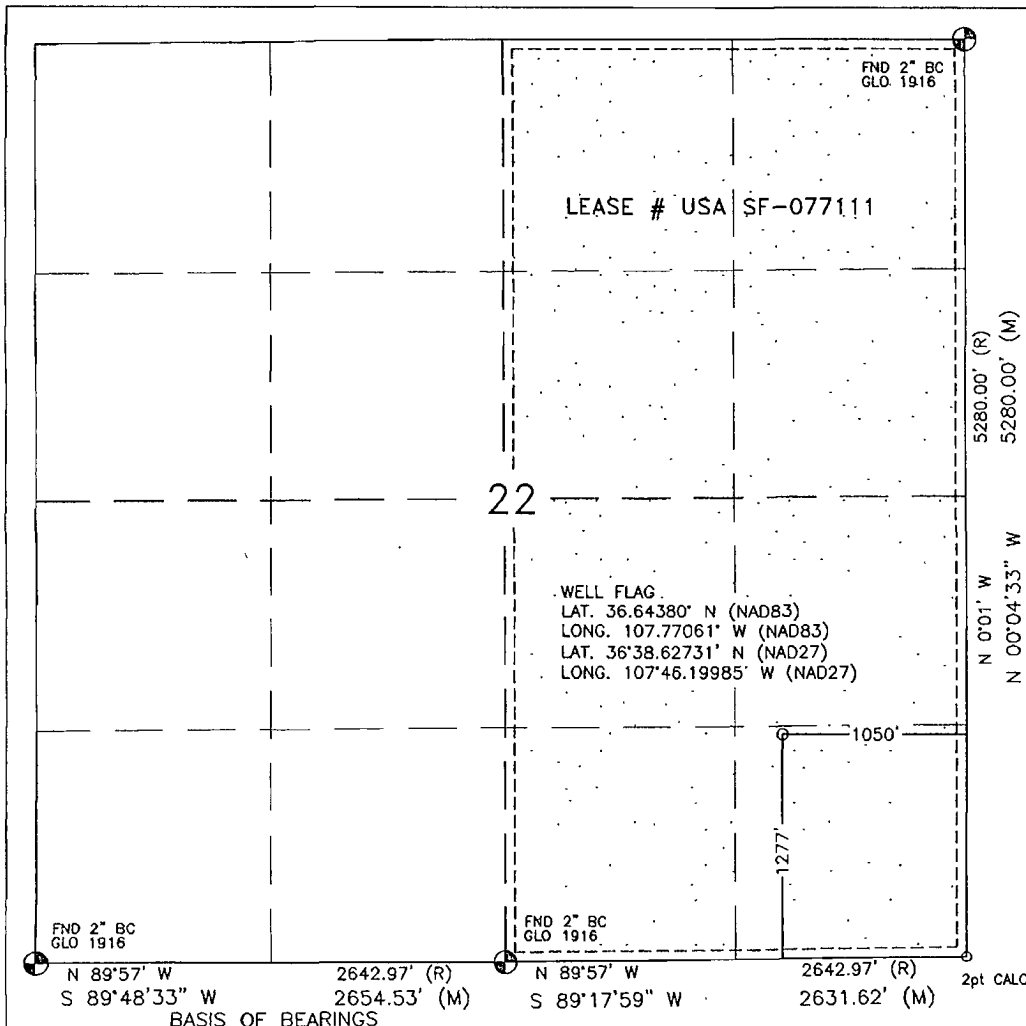
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	28N	9W		1277'	SOUTH	1050'	EAST	SAN JUAN

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 FC - 320.00 ACRES - E/2 PC - 160.00 ACRES - SE/4									
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

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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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Dollie L. Busse 3/14/11
Signature Date

Dollie L. Busse

Printed Name

E-mail Address

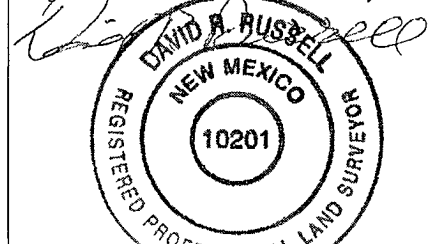
¹⁸ SURVEYOR CERTIFICATION

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

FEBRUARY 28, 2011

Date of Survey

Signature and Seal of Professional Surveyor



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

STOREY C LS 100

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0150		AFE \$: 0.00	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
R20003	PICTURED CLIFFS(R20003)
R20001	FRUITLAND COAL(R20001)
RCO087	FRUITLAND SAND(RCO087)

Location: Surface Datum Code: NAD27 Straight Hole

Latitude: 36.643793	Longitude: -107.769995	X:	Y:	Section: 22	Range: 009W
Footage X: 1050 FEL	Footage Y: 1277 FSL	Elevation: 7014	(FT)	Township: 028N	
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2013 Completion Date: Date In Operation:

Formation Data: Assume KB = 7029 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6829		<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 77 cuft. Circulate cement to surface.
OJO ALAMO	2239	4790		<input type="checkbox"/>			
KIRTLAND	2379	4650		<input type="checkbox"/>			
FRUITLAND	2792	4237		<input type="checkbox"/>			Gas
FRUITLAND COAL	3048	3981		<input type="checkbox"/>			
PICTURED CLIFFS	3263	3766		<input type="checkbox"/>	214		Gas; TD - 200' below T/PCCF
Total Depth	3463	3566		<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 462 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	HANCOCK-5A	28N 9W 27 NW SE NW
Production	HANCOCK-B-6	28N 9W 23 NW NW
Production	HANCOCK-8	28N 9W 23 NW NW

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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CONOCOPHILLIPS COMPANY
STOREY C LS #100
1277' FSL & 1050' FEL
LOCATED IN THE SE/4 SE/4 OF SECTION 22,
T28N, R9W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM POST OFFICE IN BLANCO, TRAVEL EAST ON HIGHWAY 64 FOR 1.3 MILES TO C.R. 4450 (LARGO CANYON).
- 2) TURN RIGHT AND TRAVEL 5.0 MILES ACROSS THE BRIDGE.
- 3) TURN LEFT AND CONTINUE ON C.R. 4450 FOR 3.0 MILES TO C.R. 7007 (BLANCO CANYON).
- 4) TURN RIGHT AND TRAVEL 5.0 MILES TO C.R. 7225.
- 5) TURN RIGHT AND TRAVEL 0.5 MILES TO C.R. 7220.
- 6) TURN RIGHT, CONTINUING ALONG C.R. 7220 FOR 3.3 MILES.
- 7) TURN RIGHT, CONTINUING ALONG C.R. 7220 FOR 1.7 MILES.
- 8) TURN RIGHT AND TRAVEL 1.0 MILE.
- 9) TURN LEFT AND FOLLOW 2-TRACK FOR 400' TO THE STAKED LOCATION.

WELL FLAG LOCATED AT LAT. 36.64380° N, LONG. 107.77061° W (NAD 83).

