

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-080246 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company	
Bureau of Land Management Farmington Field Office	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name RCVD JAN 5 '10 OIL CONS. DIV. DIST. 3
4. Location of Well Surf: Unit I (NESE), 1768' FSL & 1210' FEL Surf: Latitude: 36.70856° N (NAD83) Longitude: 107.77881° W	8. Farm or Lease Name Florance 9. Well Number 41M 10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) 7 Sec. 21, T29N, R9W API # 30-045-35068
14. Distance in Miles from Nearest Town 3.5 miles / Blanco	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1210'	13. State NM
16. Acres in Lease 944.770	17. Acres Assigned to Well 312.80 E/2 (MV/DK)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 70' from Florance 84	20. Rotary or Cable Tools Rotary
19. Proposed Depth 6713'	21. Elevations (DF, FT, GR, Etc.) 5679' 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 Technician)	Date <u>12/14/2009</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 3

Bond Numbers NMB-000015 and NMB-000089

JAN 07 2010

NMOCD

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

BLM'S APPROVAL OF THIS
OPERATION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045 - 35008		*Pool Code 72319/71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 31729		*Property Name FLORANCE		*Well Number 41 M	
*OGRID No. 217817		*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 5679'	

¹⁰ Surface Location

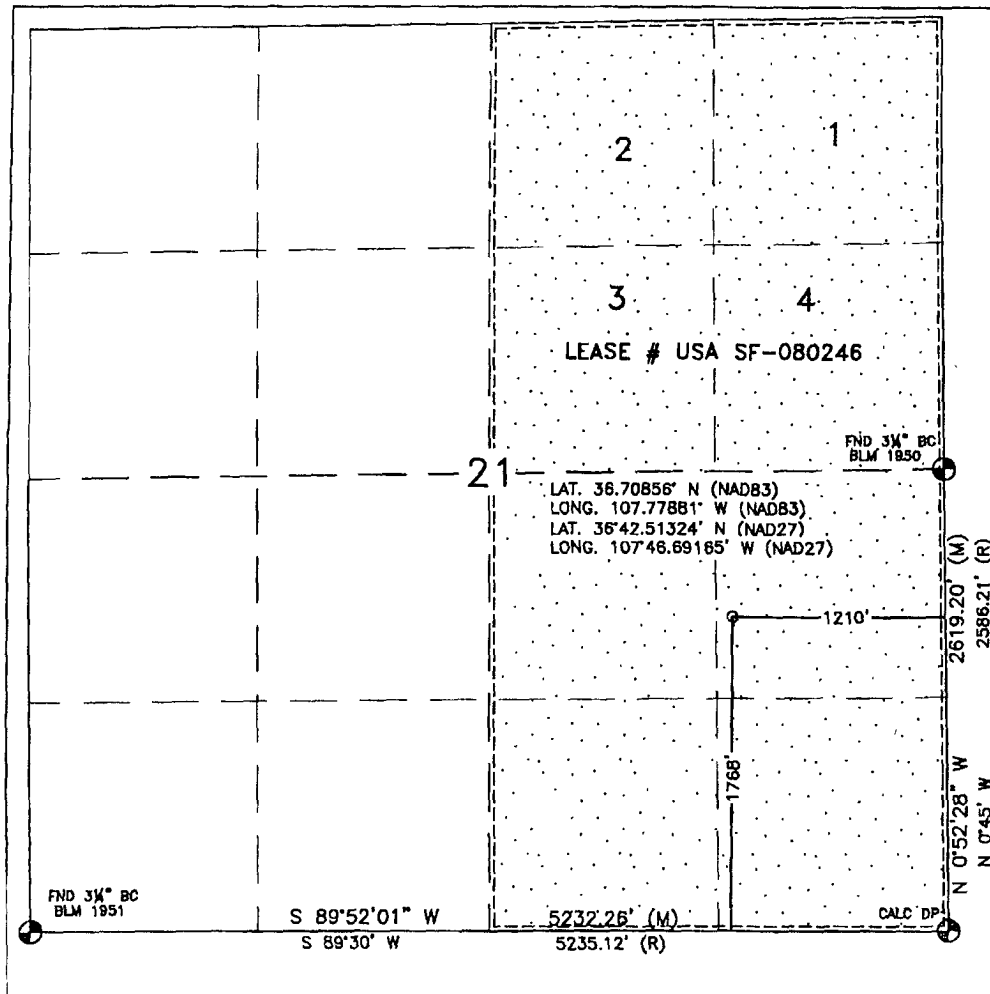
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	21	29N	9W		1768'	SOUTH	1210'	EAST	SAN JUAN

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
I									
*Dedicated Acres 312.80 ACRES - E/2			*Joint or Infill		*Consolidation Code		*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

18



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 or a compulsory pooling order heretofore entered by the division.

Tracey N. Monroe 7/17/05
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.

MAY 14, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell
DAVID R. RUSSELL
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
10201

DAVID RUSSELL
Certificate Number 10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FLORANCE 41M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9063		AFE \$: 1,389,252.50	
Field Name: SAN JUAN		Rig: XXX 2010 Holding		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer:		Phone:	Proj. Field Lead:		Phone:

Primary Objective (Zones):

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

Location: Datum Code: NAD 27

Latitude: 36.708554	Longitude: -107.778194	X:	Y:	Section: 21	Range: 009W
Footage X: 1210 FEL	Footage Y: 1768 FSL	Elevation: 5679	(FT)	Township: 029N	
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2011 Completion Date: Date In Operation:

Formation Data: Assume KB = 5695 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5495	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1000	4695	☐			
KIRTLAND	1150	4545	☐			
FRUITLAND	1645	4050	☐			Possible Gas
PICTURED CLIFFS	2133	3562	☐			
LEWIS	2280	3415	☐			
HUERFANITO BENTONITE	2750	2945	☐			
CHACRA	3110	2585	☐			
MASSIVE CLIFF HOUSE	3797	1898	☐	400		Gas
MENELEE	3890	1805	☐			
Intermediate Casing	4040	1655	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 910 cuft. Circulate cement to surface.
POINT LOOKOUT	4373	1322	☐			
MANCOS	4800	895	☐			
UPPER GALLUP	5610	85	☐			
GREENHORN	6371	-676	☐			
GRANEROS	6435	-740	☐			
TWO WELLS	6496	-801	☐	2640		Gas
PAGUATE	6567	-872	☐			
UPPER CUBERO	6599	-904	☐			
LOWER CUBERO	6613	-918	☐			
ENCINAL	6668	-973	☐			
Total Depth	6713	-1018	☐			6-1/4" hole, 4-1/2" 11.6 ppf, N/L-80, LTC casing. Cement w/ 368 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 Business Unit

FLORANCE 41M

DEVELOPMENT

Logging Program:

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

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

Est bottom perf ~20' above the est TD. Consider mud logging to watch tops.

Additional Information:

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

CONOCOPHILLIPS COMPANY
FLORANCE #41 M
1768' FSL & 1210' FEL
LOCATED IN THE NE/4 SE/4 OF SECTION 21,
T29N, R9W, N.M.P M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM POST OFFICE IN BLANCO, TRAVEL EASTERLY ON HWY 64 FOR 1.3 MILES.
- 2) TURN RIGHT AND GO DOWN CR 4450 (LARGO CANYON TURNOFF) TRAVEL FOR 1.9 MILES.
- 3) TURN RIGHT AND GO 0.4 MILES WHERE LOCATION IS STAKED..

WELL FLAG LOCATED AT LAT. 36.70856° N, LONG. 107.77881° W (NAD 83).

