

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 <b>ConocoPhillips</b> Company	7. Unit Agreement Name Bureau of Land Management Farmington Field Office	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name Florance 9. Well Number 41N	
4. Location of Well Surf: Unit H(SENE), 1866' FNL & 677' FEL  Surf: Latitude: 36.71285° N (NAD83) Longitude: 107.77707° W	10. Field, Pool, Wildcat Blanco MV / Basin DK  11. Sec., Twn, Rge, Mer. (NMPM) A Sec. 21, T29N, R9W  API # 30-045-35066	
14. Distance in Miles from Nearest Town 3 miles / Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 677'	17. Acres Assigned to Well 312.80 E/2 (MV/DK)	
16. Acres in Lease 944.770		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 977' from Florance 41 (MV)		
19. Proposed Depth 6790'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5699' 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)	<u>12/14/2009</u> Date	

**RECEIVED**

DEC 14 2009

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

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE AFM DATE 12/30/09

Archaeological Report attached  
Threatened and Endangered Species Report attached

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

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

**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**

NMOCDB

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

DISTRICT I  
1625 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

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

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

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

AMENDED REPORT

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87605

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-35006		<sup>8</sup> Pool Code 72319/71599		<sup>6</sup> Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
<sup>4</sup> Property Code 31729		<sup>4</sup> Property Name FLORANCE		<sup>8</sup> Well Number 41 N	
<sup>7</sup> OGRID No. 217817		<sup>9</sup> Operator Name CONOCOPHILLIPS COMPANY		<sup>8</sup> Elevation 5699	

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	21	29N	9W	4	1866'	NORTH	677'	EAST	SAN JUAN

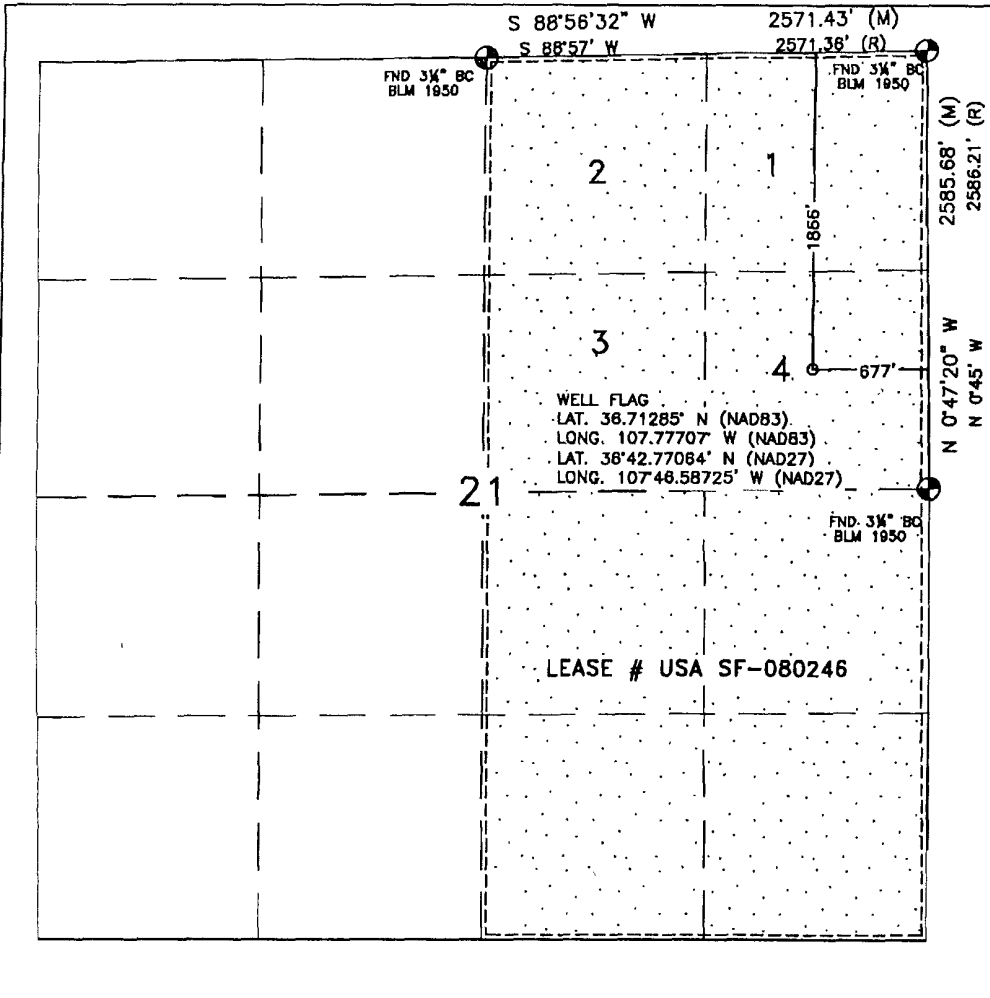
<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres 312.80 ACRES - E/2		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

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<sup>17</sup> 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* 6/15/09  
Signature Date

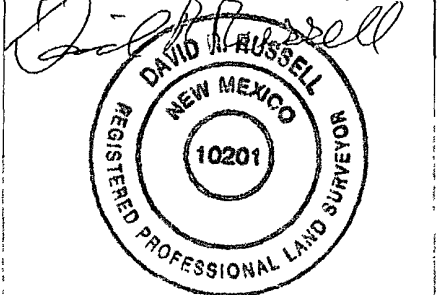
Tracey N. Monroe  
Printed Name

<sup>18</sup> 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 27, 2009

Date of Survey  
Signature and Seal of Professional Surveyor:



DAVID RUSSELL  
Certificate Number 10201

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

**FLORENCE 41N**

**DEVELOPMENT**

Lease:		AFE #: WAN.CDR.9064		AFE \$: 1,420,760.60	
Field Name: SAN JUAN		Rig: XXX 2010 Holding		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

**Primary Objective (Zones):**

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

**Location:** Survey: Datum Code: NAD 27

Latitude: 36.712844	Longitude: -107.776454	X:	Y:	Section: 21	Range: 009W
Footage X: 677 FEL	Footage Y: 1866 FNL	Elevation: 5699	(FT)	Township: 029N	

Tolerance:

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

Formation Data: Assume KB = 5713      Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5513	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121cuft. Circulate cement to surface.
OJO ALAMO	1016	4697	<input type="checkbox"/>			
KIRTLAND	1187	4526	<input type="checkbox"/>			
FRUITLAND	1670	4043	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2165	3548	<input type="checkbox"/>			
LEWIS	2315	3398	<input type="checkbox"/>			
Intermediate Casing	2415	3298	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 544 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	2783	2930	<input type="checkbox"/>			
CHACRA	3147	2566	<input type="checkbox"/>			
UPPER CLIFF HOUSE	3702	2011	<input type="checkbox"/>			Gas; Est. Top Perf - 3704 (2009)
MASSIVE CLIFF HOUSE	3809	1904	<input type="checkbox"/>	339		Gas; Borderline Cliffhouse Wet
MENELEE	3912	1801	<input type="checkbox"/>			
POINT LOOKOUT	4416	1297	<input type="checkbox"/>			
MANCOS	4836	877	<input type="checkbox"/>			
UPPER GALLUP	5644	69	<input type="checkbox"/>			
GREENHORN	6399	-686	<input type="checkbox"/>			
GRANEROS	6462	-749	<input type="checkbox"/>			
TWO WELLS	6521	-808	<input type="checkbox"/>	2624		Gas
PAGUATE	6597	-884	<input type="checkbox"/>			
UPPER CUBERO	6625	-912	<input type="checkbox"/>			
LOWER CUBERO	6639	-926	<input type="checkbox"/>			Est. Btm Perf - 6775 (-1062) based on offset wells
ENCINAL	6695	-982	<input type="checkbox"/>			TD - 95' below T/ENCN
Total Depth	6790	-1077	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 595 cuft. Circulate cement a minimum of 100' inside the previous casing string.

**Reference Wells:**

Reference Type	Well Name	Comments
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# PROJECT PROPOSAL - New Drill / Sidetrack

**FLORANCE 41N**

**DEVELOPMENT**

Production	Florance 119-120	29N 9W 21 NE SW NE
Production	State Gas Com BF 1E	29N 9W 16 SW NE SE
Production	Rock Island 1	29N 9W 22 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**

FLORANCE #41 N  
1866' FNL & 677' FEL  
LOCATED IN THE SE/4 NE/4 OF SECTION 21,  
T29N, R9W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

**DIRECTIONS**

- 1) FROM THE POST OFFICE IN BLANCO, TRAVEL EASTERLY ON HWY 64 FOR 1.3 MILES.
- 2) TURN RIGHT ON CR 4450 (LARGO TURN OFF), TRAVEL FOR 1.9 MILES
- 3) TURN RIGHT & GO 0.2 MILES TO BEGIN ACCESS ON RIGHT SIDE OF ROAD.

WELL FLAG LOCATED AT LAT. 36.71285° N, LONG. 107.77707° W (NAD 83).

