

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

- | | |
|---|--|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
ConocoPhillips</p> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M

Surface: Unit I (NESE), 1744' FSL & 1210' FEL, Section 21, T29N, R9W, NMPM
Bottomhole: Unit P (SESE), 710' FSL & 710' FEL, Section 21, T29N, R9W, NMPM</p> | <p>5. Lease Number
SF-080246</p> <p>6. If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number
Florance 41M</p> <p>9. API Well No.
30-045-35068</p> <p>10. Field and Pool
Blanco MV / Basin DK</p> <p>11. County and State
San Juan, NM</p> |
|---|--|

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	Other -
☒ Notice of Intent	☐ Abandonment	☒ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment	☐ Plugging	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut off
	☐ Altering Casing	☐ Conversion to Injection

RCVD APR 20 '10
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

ConocoPhillips wishes to move the surface location of the subject well from the APD approved footages of Unit I, 1768' FSL & 1210' FEL to the new footages of Unit I, 1744' FSL & 1210' FEL. ConocoPhillips also wishes to add a Bottomhole location for the subject well of Unit P, 710' FSL & 710' FEL. The new plat, project proposal, directional drill plan and plot are attached.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct.

Signed Crystal Tafoya Crystal Tafoya Title Regulatory Technician Date 4/13/2010

(This space for Federal or State Office use)

APPROVED BY Troy L. Salvors Title Petroleum Engineer Date 4/15/2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD 4/23

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87506

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35068		² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 31729	⁵ Property Name FLORANCE		⁶ Well Number 41 M
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY		⁹ 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
1	21	29N	9W		1744'	SOUTH	1210'	EAST	SAN JUAN

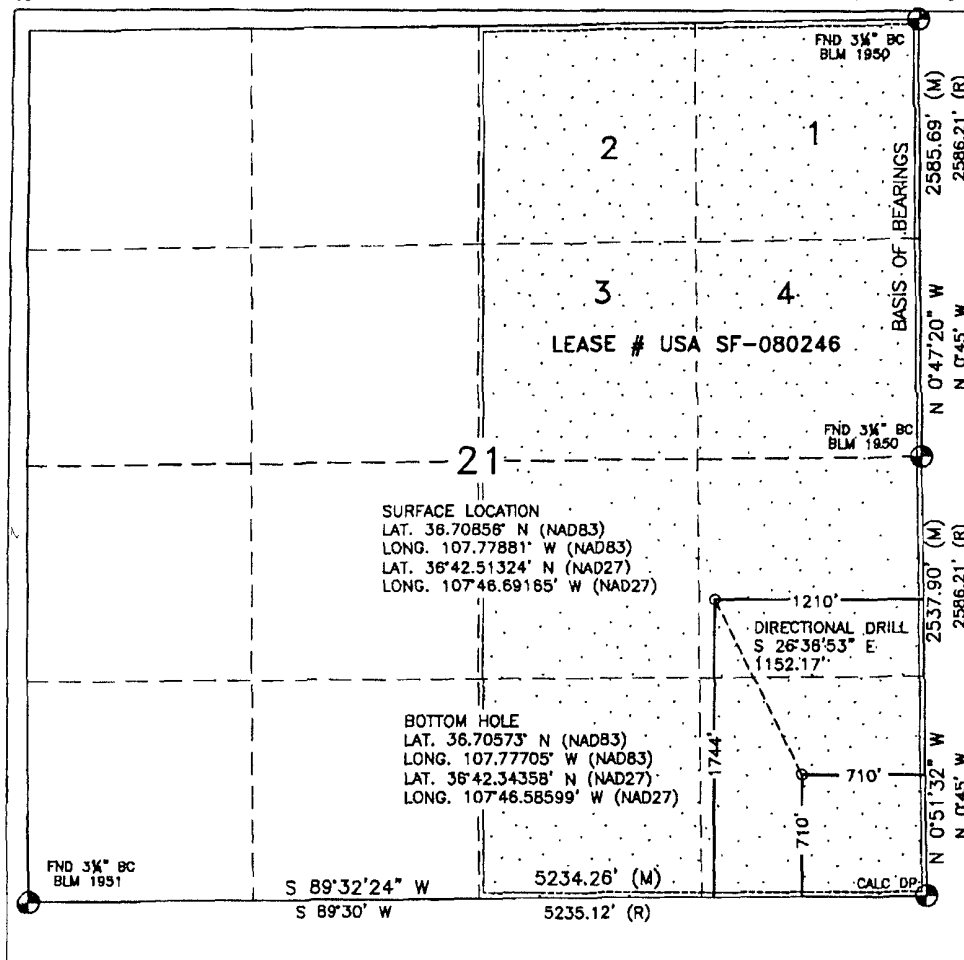
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	29N	9W		710'	SOUTH	710'	EAST	SAN JUAN

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
312.80 ACRES - E/2			

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



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 organisation 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.

Signature Costal Tanya Date 4/12/10

Crystal Tafoya 4/12/10
Printed Name

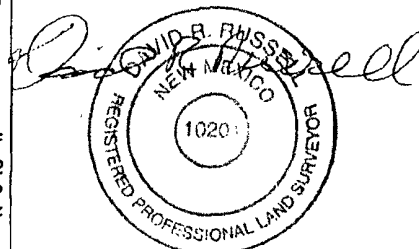
18 SURVEYOR CERTIFICATION

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 RUSSELL

Certificate Number 10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FLORENCE 41M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9063		AFE \$: 1,481,876.28	
Field Name: SAN JUAN		Rig: H&P Rig 282		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: Surface Datum Code: NAD 27 Directional					
Latitude: 36.708554	Longitude: -107.778194	X:	Y:	Section: 21	Range: 009W
Footage X: 1210 FEL	Footage Y: 1744 FSL	Elevation: 5679	(FT)	Township: 029N	
Tolerance:					
Location: Bottom Hole Datum Code: NAD 27 Directional					
Latitude: 36.705724	Longitude: -107.776434	X:	Y:	Section: 21	Range: 009W
Footage X: 710 FEL	Footage Y: 710 FSL	Elevation:	(FT)	Township: 029N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:	
Date In Operation:					
Formation Data: Assume KB = 5694 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	5494	☐		
OJO ALAMO	1009	4685	☐		
KIRTLAND	1150	4544	☐		
FRUITLAND	1642	4052	☐		Possible Gas
PICTURED CLIFFS	2148	3546	☐		
LEWIS	2266	3428	☐		
HUERFANITO BENTONITE	2749	2945	☐		
CHACRA	3100	2594	☐		
Intermediate Casing	3100	2594	☐		
MASSIVE CLIFF HOUSE	3782	1912	☐	418	
MENEFEE	3880	1814	☐		
POINT LOOKOUT	4376	1318	☐		
MANCOS	4782	912	☐		
UPPER GALLUP	5598	96	☐		
GREENHORN	6360	-666	☐		
GRANEROS	6425	-731	☐		
TWO WELLS	6487	-793	☐	2586	Gas
PAGUATE	6560	-866	☐		
UPPER CUBERO	6590	-896	☐		
LOWER CUBERO	6604	-910	☐		
ENCINAL	6664	-970	☐		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FLORANCE 41M

DEVELOPMENT

Total Depth	6709	-1015	☐	187	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 493 cuft. Circulate cement a minimum of 100' inside the previous casing string.
-------------	------	-------	--------------------------	-----	---

Reference Wells:		
Reference Type	Well Name	Comments

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 SJB

San Juan Basin - New Mexico Wells

Other Named Wells

Florance #41M

Principal Wellbore

Plan: Plan #1 ✓

Standard Planning Report

09 April, 2010

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Florance #41M
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 5694.0ft (AWS rigs)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 5694.0ft (AWS rigs)
Site:	Other Named Wells	North Reference:	True
Well:	Florance #41M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Project:	San Juan Basin - New Mexico Wells, New Mexico, Directional "S"		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site:	Other Named Wells		
Site Position:	Lat/Long	Northing:	2,108,178.26 ft
From:		Easting:	643,887.63 ft
Position Uncertainty:	3.5 ft	Slot Radius:	6-1/8"
		Latitude:	36° 47' 33.793 N
		Longitude:	107° 20' 30.932 W
		Grid Convergence:	0.29 °

Well:	Florance #41M, Directional "S" Curve, Lewis Included		
Well Position	+N-S	0.0 ft	Northing:
	+E-W	0.0 ft	Easting:
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 42' 30.794 N
		Longitude:	107° 46' 41.499 W
		Ground Level:	5,679.0 ft

Wellbore:	Principal Wellbore		
Magnetics	Model Name	Sample Date	Declination
	BGGM2009	4/9/2010	10.03
			Dip Angle
			63.50
			Field Strength
			50,863

Design:	Plan #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction
			153.36

Plan Sections:										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,405.0	32.55	153.36	1,347.6	-268.1	134.5	3.00	3.00	0.00	153.36	
2,569.7	32.55	153.36	2,329.3	-828.3	415.4	0.00	0.00	0.00	0.00	
3,383.4	0.00	0.00	3,100.0	-1,029.4	516.3	4.00	-4.00	0.00	180.00	Florance #41M - ICP
6,992.4	0.00	0.00	6,709.0	-1,029.4	516.3	0.00	0.00	0.00	0.00	Florance #41M - PCP

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
Company: ConocoPhillips SJBU
Project: San Juan Basin - New Mexico Wells
Site: Other Named Wells
Well: Florance #41M
Wellbore: Principal Wellbore
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Florance #41M
RKB @ 5694.0ft (AWS rigs)
RKB @ 5694.0ft (AWS rigs)
True
Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
230.0	0.00	0.00	230.0	0.0	0.0	0.0	0.00	0.00	0.00
Surf									
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	2.40	153.36	400.0	-1.5	0.8	1.7	3.00	3.00	0.00
500.0	5.40	153.36	499.7	-7.6	3.8	8.5	3.00	3.00	0.00
600.0	8.40	153.36	599.0	-18.3	9.2	20.5	3.00	3.00	0.00
700.0	11.40	153.36	697.5	-33.7	16.9	37.7	3.00	3.00	0.00
800.0	14.40	153.36	795.0	-53.6	26.9	60.0	3.00	3.00	0.00
900.0	17.40	153.36	891.1	-78.1	39.2	87.4	3.00	3.00	0.00
1,000.0	20.40	153.36	985.7	-107.1	53.7	119.8	3.00	3.00	0.00
1,024.9	21.15	153.36	1,009.0	-115.0	57.7	128.6	3.00	3.00	0.00
Ojo Alamo									
1,100.0	23.40	153.36	1,078.5	-140.4	70.4	157.1	3.00	3.00	0.00
1,178.6	25.76	153.36	1,150.0	-169.6	85.1	189.8	3.00	3.00	0.00
Kirtland									
1,200.0	26.40	153.36	1,169.2	-178.0	89.3	199.2	3.00	3.00	0.00
1,300.0	29.40	153.36	1,257.6	-219.9	110.3	246.0	3.00	3.00	0.00
1,405.0	32.55	153.36	1,347.6	-268.1	134.5	300.0	3.00	3.00	0.00
1,500.0	32.55	153.36	1,427.7	-313.8	157.4	351.1	0.00	0.00	0.00
1,600.0	32.55	153.36	1,511.9	-361.9	181.5	404.9	0.00	0.00	0.00
1,700.0	32.55	153.36	1,596.2	-410.0	205.6	458.7	0.00	0.00	0.00
1,754.3	32.55	153.36	1,642.0	-436.1	218.7	487.9	0.00	0.00	0.00
Fruitland									
1,800.0	32.55	153.36	1,680.5	-458.1	229.8	512.5	0.00	0.00	0.00
1,900.0	32.55	153.36	1,764.8	-506.2	253.9	566.3	0.00	0.00	0.00
2,000.0	32.55	153.36	1,849.1	-554.3	278.0	620.1	0.00	0.00	0.00
2,100.0	32.55	153.36	1,933.4	-602.4	302.1	673.9	0.00	0.00	0.00
2,200.0	32.55	153.36	2,017.7	-650.5	326.2	727.7	0.00	0.00	0.00
2,300.0	32.55	153.36	2,102.0	-698.6	350.4	781.5	0.00	0.00	0.00
2,354.6	32.55	153.36	2,148.0	-724.8	363.5	810.9	0.00	0.00	0.00
Pictured Cliffs									
2,400.0	32.55	153.36	2,186.3	-746.7	374.5	835.3	0.00	0.00	0.00
2,494.6	32.55	153.36	2,266.0	-792.2	397.3	886.2	0.00	0.00	0.00
Lewis									
2,500.0	32.55	153.36	2,270.6	-794.8	398.6	889.1	0.00	0.00	0.00
2,569.7	32.55	153.36	2,329.3	-828.3	415.4	926.6	0.00	0.00	0.00
2,600.0	31.34	153.36	2,355.0	-842.6	422.6	942.7	4.00	-4.00	0.00
2,700.0	27.34	153.36	2,442.2	-886.4	444.6	991.7	4.00	-4.00	0.00
2,800.0	23.34	153.36	2,532.6	-924.7	463.8	1,034.4	4.00	-4.00	0.00
2,900.0	19.34	153.36	2,625.7	-957.2	480.1	1,070.8	4.00	-4.00	0.00
3,000.0	15.34	153.36	2,721.1	-983.8	493.4	1,100.6	4.00	-4.00	0.00
3,028.8	14.18	153.36	2,749.0	-990.4	496.7	1,108.0	4.00	-4.00	0.00
Huerf. Bent.									
3,100.0	11.34	153.36	2,818.4	-1,004.4	503.8	1,123.7	4.00	-4.00	0.00
3,200.0	7.34	153.36	2,917.1	-1,018.9	511.0	1,139.9	4.00	-4.00	0.00
3,300.0	3.34	153.36	3,016.6	-1,027.2	515.2	1,149.2	4.00	-4.00	0.00
3,383.4	0.00	0.00	3,100.0	-1,029.4	516.3	1,151.6	4.00	-4.00	0.00
Chacra - Int - Florance #41M - ICP									
3,400.0	0.00	0.00	3,116.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
 Company: ConocoPhillips SJB
 Project: San Juan Basin - New Mexico Wells
 Site: Other Named Wells
 Well: Florance #41M
 Wellbore: Principal Wellbore
 Design: Plan #1

Local Co-ordinate Reference: Well Florance #41M
 TVD Reference: RKB @ 5694.0ft (AWS rigs)
 MD Reference: RKB @ 5694.0ft (AWS rigs)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
3,500.0	0.00	0.00	3,216.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
3,600.0	0.00	0.00	3,316.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
3,700.0	0.00	0.00	3,416.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
3,800.0	0.00	0.00	3,516.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
3,900.0	0.00	0.00	3,616.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,000.0	0.00	0.00	3,716.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,065.4	0.00	0.00	3,782.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Massive Cliffhouse										
4,100.0	0.00	0.00	3,816.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,163.4	0.00	0.00	3,880.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Menefee										
4,200.0	0.00	0.00	3,916.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,300.0	0.00	0.00	4,016.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,116.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,216.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,316.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,659.4	0.00	0.00	4,376.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Pt. Lookout										
4,700.0	0.00	0.00	4,416.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,516.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,616.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,000.0	0.00	0.00	4,716.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,065.4	0.00	0.00	4,782.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Mancos										
5,100.0	0.00	0.00	4,816.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,200.0	0.00	0.00	4,916.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,016.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,116.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,216.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,316.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,416.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,516.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
5,881.4	0.00	0.00	5,598.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Upper Gallup										
5,900.0	0.00	0.00	5,616.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,716.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,100.0	0.00	0.00	5,816.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,200.0	0.00	0.00	5,916.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,016.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,116.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,216.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,316.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,643.4	0.00	0.00	6,360.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Greenhorn										
6,700.0	0.00	0.00	6,416.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,708.4	0.00	0.00	6,425.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Graneros										
6,770.4	0.00	0.00	6,487.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Two Wells										
6,800.0	0.00	0.00	6,516.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
6,843.4	0.00	0.00	6,560.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00	
Paguate										

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
 Company: ConocoPhillips SJB
 Project: San Juan Basin - New Mexico Wells
 Site: Other Named Wells
 Well: Florance #41M
 Wellbore: Principal Wellbore
 Design: Plan #1

Local Co-ordinate Reference: Well Florance #41M
 TVD Reference: RKB @ 5694 0ft (AWS rigs)
 MD Reference: RKB @ 5694 0ft (AWS rigs)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,873.4	0 00	0 00	6,590 0	-1,029 4	516.3	1,151 6	0 00	0 00	0 00
Upper Cubero									
6,887 4	0 00	0 00	6,604 0	-1,029.4	516 3	1,151 6	0.00	0 00	0 00
Lower Cubero									
6,900 0	0 00	0.00	6,616 6	-1,029 4	516 3	1,151 6	0.00	0 00	0.00
6,947 4	0 00	0 00	6,664 0	-1,029 4	516.3	1,151 6	0 00	0 00	0 00
Encinal									
6,992.4	0 00	0 00	6,709 0	-1,029 4	516 3	1,151 6	0 00	0 00	0.00
Total Depth - Prod - Florance #41M - PCP									

Targets

Target Name	Dip Angle (°)	Dip Dir (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Florance #41M - PCP	0 00	0 00	6,709 0	-1,029.4	516 3	2,076,143 98	516,679 56	36° 42' 20 615 N	107° 46' 35.159 W
- plan hits target center									
- Circle (radius 100.0)									
Florance #41M - ICP	0 00	0 00	3,100 0	-1,029.4	516.3	2,076,143 98	516,679 56	36° 42' 20 615 N	107° 46' 35.159 W
- plan hits target center									
- Circle (radius 100 0)									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
3,383.4	3,100 0	Int	7	8-3/4
230.0	230 0	Surf	9-5/8	12-1/4
6,992.4	6,709.0	Prod	4-1/2	6-1/4

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Florance #41M
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 5694 0ft (AWS rigs)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 5694 0ft (AWS rigs)
Site:	Other Named Wells	North Reference:	True
Well:	Florance #41M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
5,065.4	4,782.0	Mancos		0.00		
1,178.6	1,150.0	Kirtland		0.00		
4,065.4	3,782.0	Massive Cliffhouse		0.00		
6,887.4	6,604.0	Lower Cubero		0.00		
6,643.4	6,360.0	Greenhorn		0.00		
3,383.4	3,100.0	Chacra		0.00		
1,024.9	1,009.0	Ojo Alamo		0.00		
6,947.4	6,664.0	Encinal		0.00		
4,163.4	3,880.0	Menefee		0.00		
6,873.4	6,590.0	Upper Cubero		0.00		
1,754.3	1,642.0	Fruitland		0.00		
6,992.4	6,709.0	Total Depth		0.00		
2,354.6	2,148.0	Pictured Cliffs		0.00		
5,881.4	5,598.0	Upper Gallup		0.00		
4,659.4	4,376.0	Pt Lookout		0.00		
6,708.4	6,425.0	Graneros		0.00		
3,028.8	2,749.0	Huerf Bent		0.00		
6,770.4	6,487.0	Two Wells		0.00		
6,843.4	6,560.0	Paguete		0.00		
2,494.6	2,266.0	Lewis		0.00		

REFERENCE INFORMATION

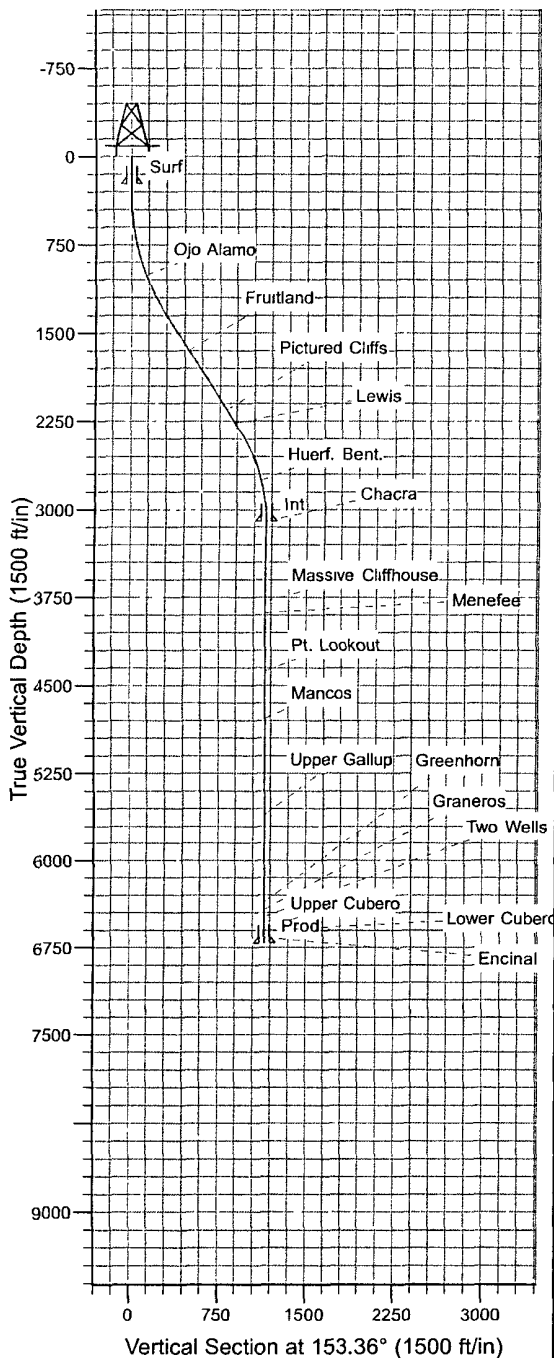
RKB @ 5694.0ft (AWS rigs)
Ground Elevation 5679.0
Reference Lat: 36° 42' 30.794 N
Reference Long: 107° 46' 41.499 W

Project: San Juan Basin - New Mexico Well
Site: Other Named Wells
Well: Florance #41M
Wellbore: Principal Wellbore
Design: Plan #1



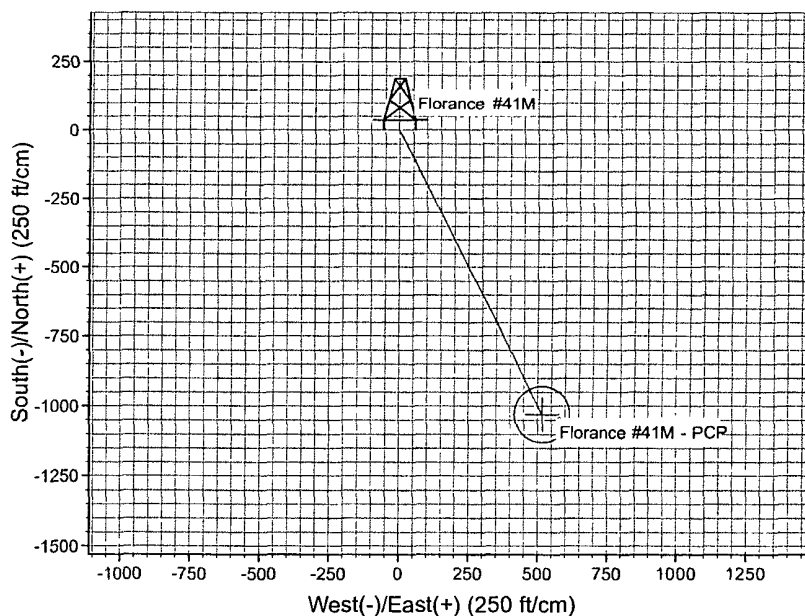
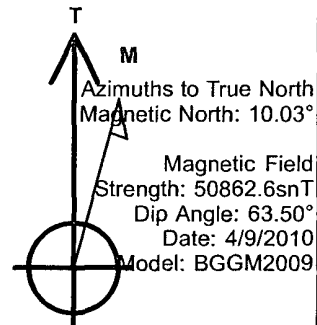
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1405.0	32.55	153.36	1347.6	-268.1	134.5	3.00	153.36	300.0	
4	2569.7	32.55	153.36	2329.3	-828.3	415.4	0.00	0.00	926.6	
5	3383.4	0.00	0.00	3100.0	-1029.4	516.3	4.00	180.00	1151.6	Florance #41M - ICP
6	6992.4	0.00	0.00	6709.0	-1029.4	516.3	0.00	0.00	1151.6	Florance #41M - PCP

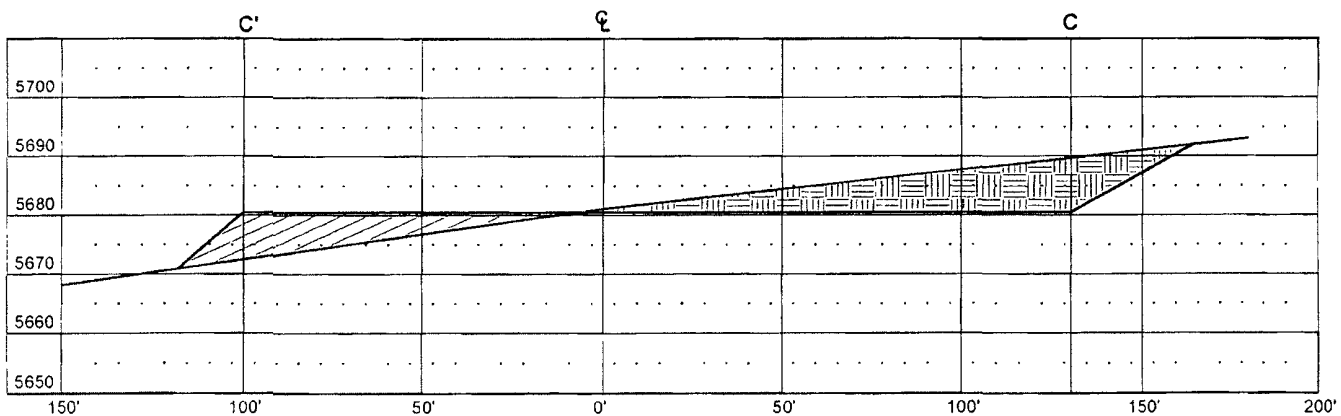


FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1009.0	1024.9	Ojo Alamo
1150.0	1178.6	Kirtland
1642.0	1754.3	Fruitland
2148.0	2354.6	Pictured Cliffs
2266.0	2494.6	Lewis
2749.0	3028.8	Huerf. Bent.
3100.0	3383.4	Chacra
3782.0	4065.4	Massive Cliffhouse
3880.0	4163.4	Menefee
4376.0	4659.4	Pt. Lookout
4782.0	5065.4	Mancos
5598.0	5881.4	Upper Gallup
6360.0	6643.4	Greenhorn
6425.0	6708.4	Graneros
6487.0	6770.4	Two Wells
6560.0	6843.4	Paguate
6590.0	6873.4	Upper Cubero
6604.0	6887.4	Lower Cubero
6664.0	6947.4	Encinal
6709.0	6992.4	Total Depth



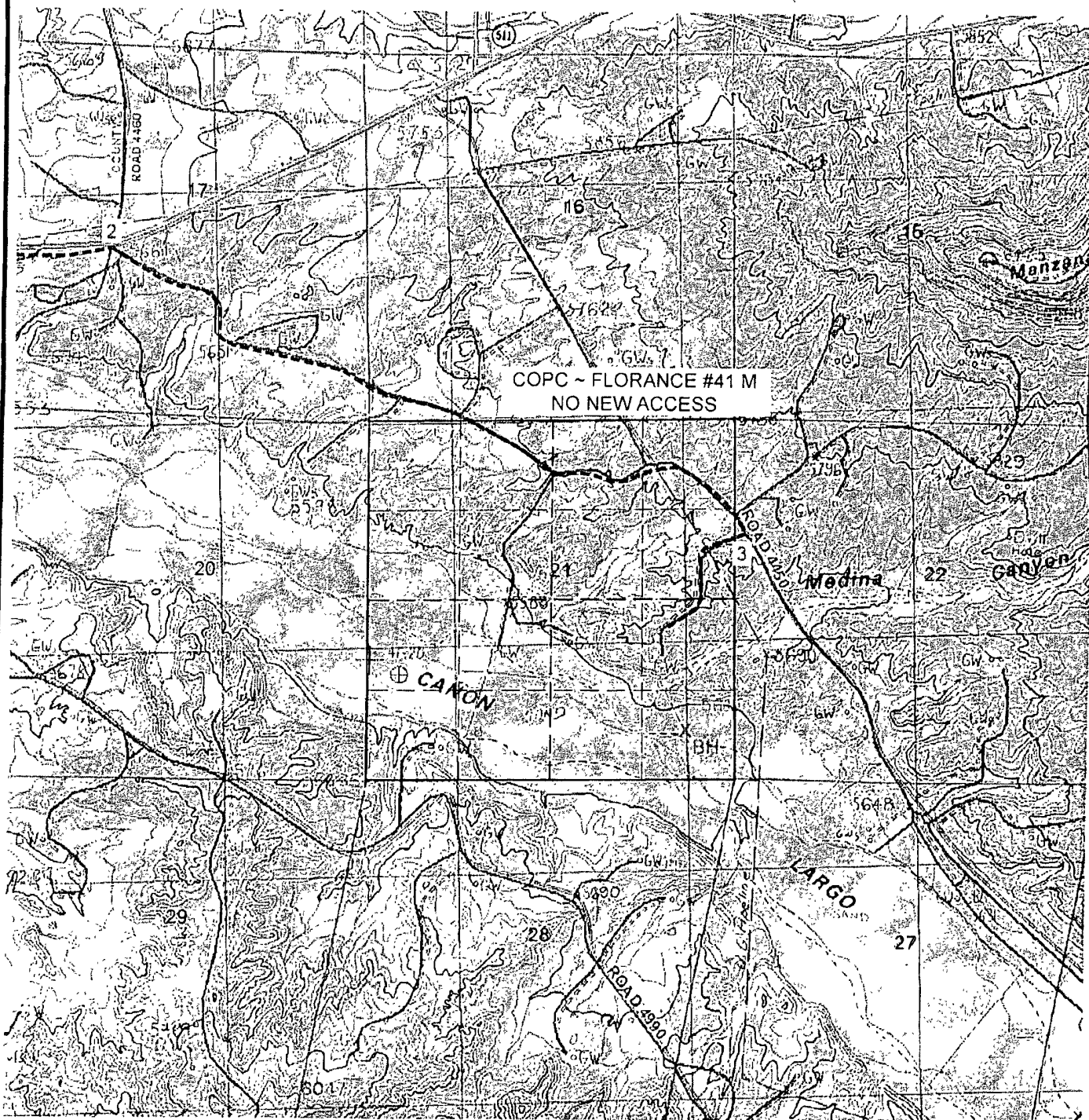
CONOCOPHILLIPS COMPANY
FLORANCE #41 M
1744' FSL & 1210' FEL
LOCATED IN THE NE/4 SE/4 OF SECTION 21,
T29N, R9W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION. 5679', NAVD 88
FINISHED PAD ELEVATION: 5680.5', NAVD 88



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637

LATITUDE. 36 70856° N
LONGITUDE 107.77881° W
DATUM. NAD 83

CONOCOPHILLIPS COMPANY
FLORANCE #41 M
1744' FSL & 1210' FEL
LOCATED IN THE NE/4 SE/4 OF SECTION 21,
T29N, R9W, N.M.P M,
SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 5679', NAVD 88
NO NEW ACCESS



U.S.G.S. QUAD: BLANCO
SCALE: 1" = 2000' (1:24,000)
JOB No.: COPC309_REV2
DATE: 03/11/10

NEW OR RECONSTRUCTED ROADS MUST MEET
SMA DESIGN STANDARDS
INSTALL CULVERTS AS NEEDED



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637

CONOCOPHILLIPS COMPANY

FLORANCE #41 M
1744' 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).

JOB No.: COPC309_REV2
DATE: 03/11/10



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637