

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

APR 2 2012

Case Serial No

SF-080246

Field Office or Tribe Name

SUNDRIY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ConocoPhillips Company

3a Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

7 If Unit of CA/Agreement, Name and/or No

8. Well Name and No

FLORANCE 41M

9. API Well No

30-045-35068

4 Location of Well (Footage, Sec., T, R, M, or Survey Description)

Surface UNIT I (NE/SE), 1744' FSL & 1210' FEL, SEC: 21, T29N, R9W
Bottomhole UNIT P (SE/SE), 710' FSL & 710' FEL, SEC: 21, T29N, R9W

11 Country or Parish, State

San Juan, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

ConocoPhillips Company requests permission to deepen the Intermediate casing set depth from the approved NOI dated 04/15/10 from 3100'(TVD) to 4030'(TVD) due to being wet in the cliffhouse. Please note: the proposed bottomhole will remain the same. Casing and cement volumes will be adjusted accordingly. Attached is the revised Project Proposal, and the Directional Drill Plan. Received verbal approval from Jim Lovato (BLM) & Brandon Powell (OCD) on 03/29/12.

RCVD APR 10 '12
OIL CONS. DIV.
DIST. 3

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations

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

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	
Marie E. Jaramillo	Staff Regulatory Tech.
Signature	Date
	3/30/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Sha C. Valdez	PE	4/3/12
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
	FFO	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 representations as to any matter within its jurisdiction

ConocoPhillips SJB

San Juan Basin - New Mexico West Wells

Other Named Wells

Florance #41M

Principal Wellbore

Plan: Plan #1

Standard Planning Report

29 March, 2012

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 West 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 West Wells, New Mexico, Directional "S"		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site		Other Named Wells			
Site Position:		Northing:	2,063,826.04 ft	Latitude:	36° 40' 18.848 N
From:	Lat/Long	Easting:	504,691.02 ft	Longitude:	107° 49' 2 415 W
Position Uncertainty:	15 0 ft	Slot Radius:	6-1/8"	Grid Convergence:	0 01 °

Well	Florance #41M, Directional "S" Curve, Lewis Included					
Well Position	+N/-S	0.0 ft	Northing:	2,077,173.01 ft	Latitude:	36° 42' 30.794 N
	+E/-W	0.0 ft	Easting:	516,162.72 ft	Longitude:	107° 46' 41.499 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	5,679 0 ft

Wellbore	Principal Wellbore				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2009	4/9/2010	10.03	63.50	50,907

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0 0	0.0	153 36

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(°)	
(ft)			(ft)			(°/100ft)	(°/100ft)	(°/100ft)		
0 0	0 00	0.00	0.0	0 0	0.0	0 00	0.00	0 00	0.00	
500.0	0 00	0.00	500.0	0.0	0 0	0 00	0.00	0.00	0.00	
1,748.7	24.97	153.36	1,709.5	-239.4	120.1	2.00	2.00	0.00	153.36	
3,419 0	24.97	153.36	3,223 7	-869.8	436.2	0 00	0.00	0 00	0 00	
4,251.4	0 00	0.00	4,030.0	-1,029 4	516.3	3.00	-3.00	0.00	180.00	Florance #41M - ICP
6,930 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	Local Co-ordinate Reference:	Well Florance #41M
Company:	ConocoPhillips-SJBU	TVD Reference:	RKB @ 5694.0ft (AWS rigs)
Project:	San Juan Basin - New Mexico West 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		

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	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	2.00	153.36	600.0	-1.6	0.8	1.7	2.00	2.00	0.00	
700.0	4.00	153.36	699.8	-6.2	3.1	7.0	2.00	2.00	0.00	
800.0	6.00	153.36	799.5	-14.0	7.0	15.7	2.00	2.00	0.00	
900.0	8.00	153.36	898.7	-24.9	12.5	27.9	2.00	2.00	0.00	
1,000.0	10.00	153.36	997.5	-38.9	19.5	43.5	2.00	2.00	0.00	
1,011.7	10.23	153.36	1,009.0	-40.7	20.4	45.6	2.00	2.00	0.00	
Ojo Alamo										
1,100.0	12.00	153.36	1,095.6	-56.0	28.1	62.6	2.00	2.00	0.00	
1,155.7	13.11	153.36	1,150.0	-66.8	33.5	74.7	2.00	2.00	0.00	
Kirtland										
1,200.0	14.00	153.36	1,193.1	-76.1	38.1	85.1	2.00	2.00	0.00	
1,300.0	16.00	153.36	1,289.6	-99.2	49.8	111.0	2.00	2.00	0.00	
1,400.0	18.00	153.36	1,385.3	-125.3	62.9	140.2	2.00	2.00	0.00	
1,500.0	20.00	153.36	1,479.8	-154.4	77.5	172.8	2.00	2.00	0.00	
1,600.0	22.00	153.36	1,573.2	-186.5	93.5	208.6	2.00	2.00	0.00	
1,674.6	23.49	153.36	1,642.0	-212.3	106.5	237.5	2.00	2.00	0.00	
Fruitland										
1,700.0	24.00	153.36	1,665.2	-221.4	111.0	247.7	2.00	2.00	0.00	
1,748.7	24.97	153.36	1,709.5	-239.4	120.1	267.9	2.00	2.00	0.00	
1,800.0	24.97	153.36	1,756.0	-258.8	129.8	289.5	0.00	0.00	0.00	
1,900.0	24.97	153.36	1,846.7	-296.5	148.7	331.7	0.00	0.00	0.00	
2,000.0	24.97	153.36	1,937.3	-334.3	167.7	374.0	0.00	0.00	0.00	
2,100.0	24.97	153.36	2,028.0	-372.0	186.6	416.2	0.00	0.00	0.00	
2,200.0	24.97	153.36	2,118.6	-409.8	205.5	458.4	0.00	0.00	0.00	
2,232.4	24.97	153.36	2,148.0	-422.0	211.6	472.1	0.00	0.00	0.00	
Pictured Cliffs										
2,300.0	24.97	153.36	2,209.3	-447.5	224.4	500.6	0.00	0.00	0.00	
2,362.6	24.97	153.36	2,266.0	-471.1	236.3	527.0	0.00	0.00	0.00	
Lewis										
2,400.0	24.97	153.36	2,299.9	-485.2	243.4	542.8	0.00	0.00	0.00	
2,500.0	24.97	153.36	2,390.6	-523.0	262.3	585.1	0.00	0.00	0.00	
2,600.0	24.97	153.36	2,481.2	-560.7	281.2	627.3	0.00	0.00	0.00	
2,700.0	24.97	153.36	2,571.9	-598.4	300.1	669.5	0.00	0.00	0.00	
2,800.0	24.97	153.36	2,662.5	-636.2	319.1	711.7	0.00	0.00	0.00	
2,895.4	24.97	153.36	2,749.0	-672.2	337.1	752.0	0.00	0.00	0.00	
Huerf. Bent										
2,900.0	24.97	153.36	2,753.2	-673.9	338.0	753.9	0.00	0.00	0.00	
3,000.0	24.97	153.36	2,843.8	-711.7	356.9	796.2	0.00	0.00	0.00	
3,100.0	24.97	153.36	2,934.5	-749.4	375.9	838.4	0.00	0.00	0.00	
3,200.0	24.97	153.36	3,025.1	-787.1	394.8	880.6	0.00	0.00	0.00	
3,282.6	24.97	153.36	3,100.0	-818.3	410.4	915.5	0.00	0.00	0.00	
Chacra - Int										
3,300.0	24.97	153.36	3,115.8	-824.9	413.7	922.8	0.00	0.00	0.00	
3,400.0	24.97	153.36	3,206.4	-862.6	432.6	965.0	0.00	0.00	0.00	
3,419.0	24.97	153.36	3,223.7	-869.8	436.2	973.1	0.00	0.00	0.00	

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 West 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		

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	22.54	153.36	3,297.8	-899.0	450.9	1,005.7	3.00	-3.00	0.00
3,600.0	19.54	153.36	3,391.1	-931.1	467.0	1,041.6	3.00	-3.00	0.00
3,700.0	16.54	153.36	3,486.2	-958.7	480.8	1,072.6	3.00	-3.00	0.00
3,800.0	13.54	153.36	3,582.7	-981.9	492.5	1,098.5	3.00	-3.00	0.00
3,900.0	10.54	153.36	3,680.5	-1,000.6	501.8	1,119.4	3.00	-3.00	0.00
4,000.0	7.54	153.36	3,779.3	-1,014.6	508.9	1,135.1	3.00	-3.00	0.00
4,002.7	7.46	153.36	3,782.0	-1,015.0	509.0	1,135.5	3.00	-3.00	0.00
Massive Cliffhouse									
4,100.0	4.54	153.36	3,878.7	-1,024.0	513.6	1,145.6	3.00	-3.00	0.00
4,101.3	4.50	153.36	3,880.0	-1,024.1	513.6	1,145.7	3.00	-3.00	0.00
Menefee									
4,200.0	1.54	153.36	3,978.6	-1,028.8	516.0	1,150.9	3.00	-3.00	0.00
4,251.4	0.00	0.00	4,030.0	-1,029.4	516.3	1,151.6	3.00	-3.00	0.00
Florance #41M - ICP									
4,300.0	0.00	0.00	4,078.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
4,400.0	0.00	0.00	4,178.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
4,500.0	0.00	0.00	4,278.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
4,597.4	0.00	0.00	4,376.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
Pt. Lookout									
4,600.0	0.00	0.00	4,378.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
4,700.0	0.00	0.00	4,478.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,578.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
4,900.0	0.00	0.00	4,678.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,000.0	0.00	0.00	4,778.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,003.4	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	4,878.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,200.0	0.00	0.00	4,978.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,300.0	0.00	0.00	5,078.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,400.0	0.00	0.00	5,178.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,278.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,600.0	0.00	0.00	5,378.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,478.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,800.0	0.00	0.00	5,578.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
5,819.4	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	5,678.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,778.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,100.0	0.00	0.00	5,878.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,200.0	0.00	0.00	5,978.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,078.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,178.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,278.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,581.4	0.00	0.00	6,360.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
Greenhorn									
6,600.0	0.00	0.00	6,378.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,646.4	0.00	0.00	6,425.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
Graneros									
6,700.0	0.00	0.00	6,478.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,708.4	0.00	0.00	6,487.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
Two Wells									
6,781.4	0.00	0.00	6,560.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00

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 rgs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 5694 0ft (AWS rgs)
Site:	Other Named Wells	North Reference:	True
Well:	Florance #41M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

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)
Paguate									
6,800.0	0.00	0.00	6,578.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,811.4	0.00	0.00	6,590.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
Upper Cubero									
6,825.4	0.00	0.00	6,604.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
Lower Cubero									
6,885.4	0.00	0.00	6,664.0	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
Encinal									
6,900.0	0.00	0.00	6,678.6	-1,029.4	516.3	1,151.6	0.00	0.00	0.00
6,930.4	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
- hit/miss target									
- Shape									
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	4,030.0	-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 (")	
230.0	230.0	Surf	9-5/8	12-1/4	
3,282.6	3,100.0	Int	7	8-3/4	
6,930.4	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 West 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 (°)
	5,003.4	4,782.0	Mancos		0.00	
	1,155.7	1,150.0	Kirtland		0.00	
	4,002.7	3,782.0	Massive Cliffhouse		0.00	
	6,825.4	6,604.0	Lower Cubero		0.00	
	6,581.4	6,360.0	Greenhorn		0.00	
	3,282.6	3,100.0	Chacra		0.00	
	1,011.7	1,009.0	Ojo Alamo		0.00	
	6,885.4	6,664.0	Encinal		0.00	
	4,101.3	3,880.0	Menefee		0.00	
	6,811.4	6,590.0	Upper Cubero		0.00	
	1,674.6	1,642.0	Fruitland		0.00	
	6,930.4	6,709.0	Total Depth		0.00	
	2,232.4	2,148.0	Pictured Cliffs		0.00	
	5,819.4	5,598.0	Upper Gallup		0.00	
	4,597.4	4,376.0	Pt. Lookout		0.00	
	6,646.4	6,425.0	Graneros		0.00	
	2,895.4	2,749.0	Huerf. Bent.		0.00	
	6,708.4	6,487.0	Two Wells		0.00	
	6,781.4	6,560.0	Paguate		0.00	
	2,362.6	2,266.0	Lewis		0.00	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FLORANCE 41M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9063				AFE \$: 2,225,734.45	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN		API #: 3004535068
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: Surface Datum Code: NAD 27 Directional							
Latitude: 36.708553	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.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5694 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5494		☐			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	1009	4685		☐			
KIRTLAND	1150	4544		☐			
FRUITLAND	1642	4052		☐			Possible Gas
PICTURED CLIFFS	2148	3546		☐			
LEWIS	2266	3428		☐			
HUERFANITO BENTONITE	2749	2945		☐			
CHACRA	3100	2594		☐			
MASSIVE CLIFF HOUSE	3782	1912		☐	418		Gas
MENEFEE	3880	1814		☐			
Intermediate Casing	4030	1664		☒		104	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 908 cuft. Circulate cement to surface.
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/ 355 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

Mudlog Mancos to TD and mudlogger will call TD.

Est bottom perf ~20' above the est TD.

Additional Information:

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

Comments: Location/Tops/Logging - MV/DKNM029N009W21SE2 Avoid J - Florance 41A (MV/FTC) is located there. Prefer P, I, O. Topo could be an issue. Nacimiento is surface. Mar '10 - Florance 41N got wet! Located in the same section.

Zones - MV/DKNM029N009W21SE2

General/Work Description - 2/21/2012 - Cost updated for nudge & close loop., Extreme losses, flowing Ojo in 8 3/4" section.

Estimated at 14 days. Needs new directional plan. 32 degree tangent to get to vertical in Kirtland is not necessary. Deep set Int & air drill to TD. SREAD

2/6/12-Must be closed loop due to largo wash wfp

1/23/2012 Allocation: Commingle Compositional DK: Yes MV: Yes - Dryonis Pertuso

9-26-11 Moved to Uneconomic rig due to new price decks. HDM

04/09/2010.-Drilling Cost Estimate: Base Line of \$117.74/ft for 1152-ft step out; losses are not expected while drilling, single stage

cement job recommended, intermediate casing set at top of Chacra, 3100-ft TVD to reach low DLS & tangent inclination. 4 1/2"

11.6#/ft L-80 LTC casing will be run as production string. Existing well on pad Florance #84 (PC March 1966, 72-ft away) , Lewis not included. Not estimated for Close Loop. Estimated 11 days. Cost increased to \$ 122.75/ft. NS.

3/10/09 NOT economic as directional. NO LEWIS

Drilling costs do not include closed loop costs. JJF (9-2-09)

This location has the Clover sclerocactus (a closely related species to the Brack's cactus) all over it. J. Kendall has required the smaller ones be transplanted before construction DTC(10-30-09).

11/17/09 off set wells at 4nm. No H2S contingency required