

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

RECEIVED

Sundry Notices and Reports on Wells

NOV 02 2011

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surface: Unit E (SWNW), 1580' FNL & 980' FWL, Section 25, T29N, R7W, NMPM
BHL : Unit D (NWNW), 710' FNL & 710' FWL, Section 25, T29N, R7W, NMPM

5. Lease Number
SF 078425
6. Bureau of Land Management
If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 29-7 Unit

8. Well Name & Number
San Juan 29-7 Unit 138M

9. API Well No.

30-039-30961

10. Field and Pool
Blanco MV/Basin DK/
Basin Mancos

11. County and State
Rio Arriba, NM

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

Type of Submission	Type of Action	
☒ 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
		☒ Other - ☐ Add Mancos

13. Describe Proposed or Completed Operations

Burlington Resources Oil & Gas would also like to complete the Basin Mancos formations and trimingle production on this well (DK/MV/Mancos). Attached is a new plat that includes the Basin Mancos and C107A will be submitted and approval received before the well is commingled.

Please notice that the bottomhole target was moved as not to be NSL for DK. Also attached is a revised project proposal and directional drill plan.

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

Signed Arleen Kellywood Title Staff Regulatory Technician Date 11/2/11

(This space for Federal or State Office use)

APPROVED BY Troy L. Salvors Title Petroleum Engineer Date 11/4/2011

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

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

NMOCD
A

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

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised July 16, 2010

Submit one copy to Appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30961	² Pool Code 71599/97232/72319	³ Basin Name BASIN DAKOTA/MANCOS/BLANCO MESAVERDE
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 138M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6735'

¹⁰ Surface Location

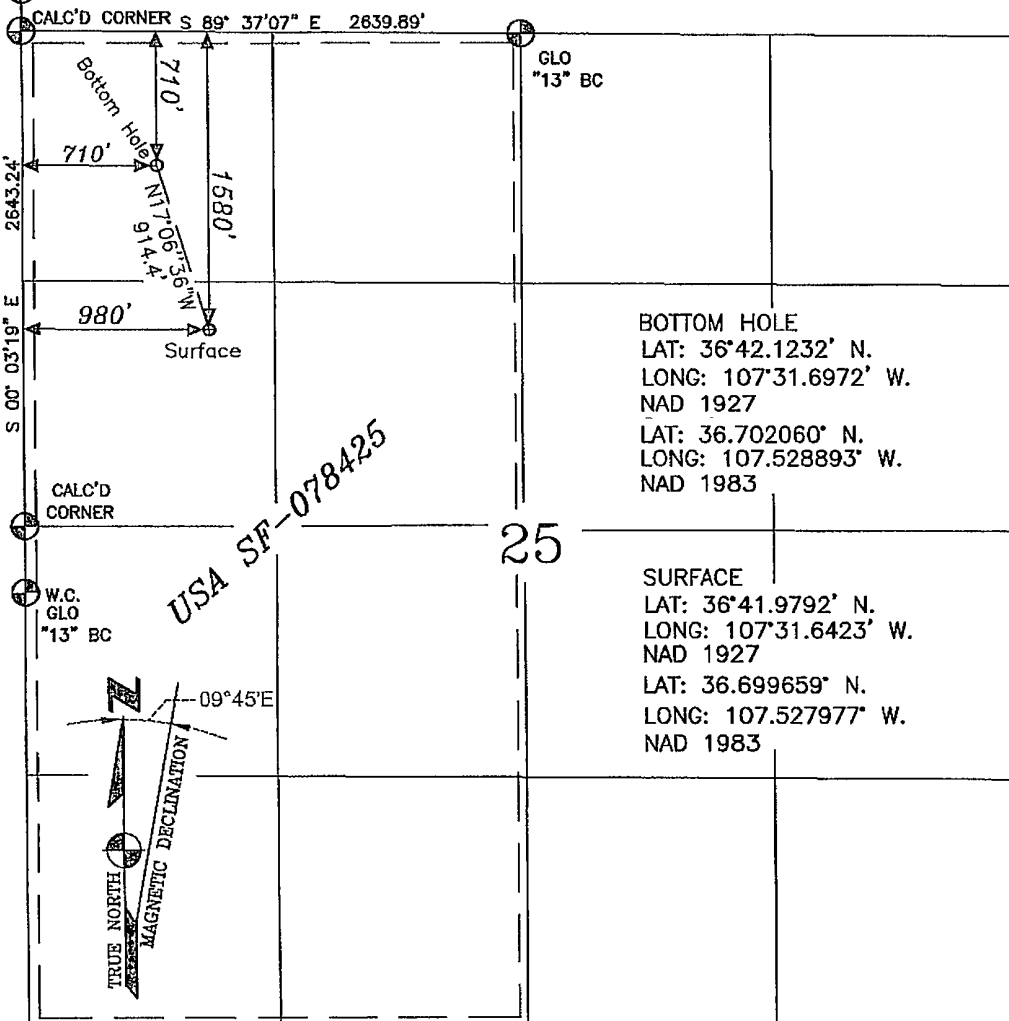
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	29-N	7-W		1580'	NORTH	980'	WEST	RIO ARRIBA

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
D	25	29-N	7-W		710'	NORTH	710'	WEST	RIO ARRIBA

¹² Dedicated Acres DK 320.0 ACRES W/2 MC 320.0 ACRES W/2 MV 320.0 ACRES W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

¹⁶ NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
W.C. GLO "13" BC OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Arleen Kellywood 10/19/11
Signature Date

Arleen Kellywood
Printed Name

arleen.r.kellywood@conocophillips.com
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.

OCTOBER 18, 2011
Date of Survey

Signature and Seal of Professional Surveyor:



GLEN W. RUSSELL
Certificate Number

15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 138M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8013				AFE \$: 1,960,926.42	
Field Name: SAN JUAN 29-7 UNIT		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA	API #: 3003930961	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Head, Chip F (Charles)		Phone: +1-505-326-9772		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Prof. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
RCO085	MANCOS(RCO085)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.699652	Longitude: -107.527371	X:	Y:	Section: 25	Range: 007W		
Footage X: 980 FWL	Footage Y: 1580 FNL	Elevation: 6735	(FT)	Township: 029N			
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.702055	Longitude: -107.529925	X:	Y:	Section: 25	Range: 007W		
Footage X: 230 FWL	Footage Y: 710 FNL	Elevation:	(FT)	Township: 029N			
Tolerance: 710							
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6750 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	230	6520		☐			12-1/4 hole. 230' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 170 cuft. Circulate cement to surface.
OJO ALAMO	2675	4075		☐			
KIRTLAND	2805	3945		☐			
FRUITLAND	3123	3627		☐			Possible Gas
PICTURED CLIFFS	3546	3204		☐			
LEWIS	3749	3001		☐			
Intermediate Casing	3849	2901		☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 916 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4187	2563		☐			
CHACRA	4523	2227		☐			
MASSIVE CLIFF HOUSE	5209	1541		☐	600		Gas
MENEFEE	5389	1361		☐			
POINT LOOKOUT	5729	1021		☐			
MANCOS	6212	538		☐			
UPPER GALLUP	6980	-230		☐			
GREENHORN	7715	-965		☐			
GRANEROS	7766	-1016		☐			
TWO WELLS	7814	-1064		☐	1400		Gas
UPPER CUBERO	7923	-1173		☐			
LOWER CUBERO	7956	-1206		☐			
ENCINAL	8025	-1275		☐			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 138M

DEVELOPMENT

Total Depth	8026	-1276	☐	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 569 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. Mud log from ~100' above the Greenhorn to TD.

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips SJB

San Juan Basin - New Mexico West Wells

San Juan 29 Wells

SJ 29-7 #138M

SJ 29-7 #138M

Plan: Plan #1

Standard Planning Report

01 November, 2011

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #138M
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6750.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6750.0ft (AWS Rigs)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #138M	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 29-7 #138M		
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:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site:	San Juan 29 Wells		
Site Position:		Northing:	2,094,594.32 ft
From:	Lat/Long	Easting:	582,092.15 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 45' 21.930 N
		Longitude:	107° 33' 11.172 W
		Grid Convergence:	0.17 °

Well:	SJ 29-7 #138M, Directional "S" Curve Short, No Lewis		
Well Position	+N/-S	0.0 ft	Northing: 2,074,071.31 ft
	+E/-W	0.0 ft	Easting: 589,695.76 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 41' 58.752 N
		Longitude:	107° 31' 38.538 W
		Ground Level:	6,735.0 ft

Wellbore:		SJ 29-7 #138M			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	11/1/2011	9.74	63.47	50,677

Design:	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	342.93

Plan Sections										
Measured	Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO
	(ft)	(°)	(°)	(ft)	(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
	350.0	0.00	0.00	350.0	0.0	0.0	0.00	0.00	0.00	0.00
	1,279.5	18.59	342.93	1,263.3	142.9	-43.9	2.00	2.00	0.00	342.93
	3,365.2	18.59	342.93	3,240.2	778.5	-239.0	0.00	0.00	0.00	0.00
	3,984.9	0.00	0.00	3,849.0	873.8	-268.3	3.00	-3.00	0.00	180.00 SJ 29-7 #138M - IC
	8,161.9	0.00	0.00	8,026.0	873.8	-268.3	0.00	0.00	0.00	0.00 SJ 29-7 #138M - PC

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #138M
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6750.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6750.0ft (AWS Rigs)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #138M	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 29-7 #138M		
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. Csg										
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
350.0	0.00	0.00	350.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	1.00	342.93	400.0	0.4	-0.1	0.4	2.00	2.00	0.00	
500.0	3.00	342.93	499.9	3.8	-1.2	3.9	2.00	2.00	0.00	
600.0	5.00	342.93	599.7	10.4	-3.2	10.9	2.00	2.00	0.00	
700.0	7.00	342.93	699.1	20.4	-6.3	21.4	2.00	2.00	0.00	
800.0	9.00	342.93	798.2	33.7	-10.4	35.3	2.00	2.00	0.00	
900.0	11.00	342.93	896.6	50.3	-15.4	52.6	2.00	2.00	0.00	
1,000.0	13.00	342.93	994.4	70.2	-21.5	73.4	2.00	2.00	0.00	
1,100.0	15.00	342.93	1,091.5	93.3	-28.6	97.6	2.00	2.00	0.00	
1,200.0	17.00	342.93	1,187.6	119.7	-36.7	125.2	2.00	2.00	0.00	
1,279.5	18.59	342.93	1,263.3	142.9	-43.9	149.5	2.00	2.00	0.00	
1,300.0	18.59	342.93	1,282.7	149.1	-45.8	156.0	0.00	0.00	0.00	
1,400.0	18.59	342.93	1,377.5	179.6	-55.1	187.9	0.00	0.00	0.00	
1,500.0	18.59	342.93	1,472.3	210.1	-64.5	219.8	0.00	0.00	0.00	
1,600.0	18.59	342.93	1,567.1	240.6	-73.9	251.6	0.00	0.00	0.00	
1,700.0	18.59	342.93	1,661.8	271.0	-83.2	283.5	0.00	0.00	0.00	
1,800.0	18.59	342.93	1,756.6	301.5	-92.6	315.4	0.00	0.00	0.00	
1,900.0	18.59	342.93	1,851.4	332.0	-101.9	347.3	0.00	0.00	0.00	
2,000.0	18.59	342.93	1,946.2	362.5	-111.3	379.2	0.00	0.00	0.00	
2,100.0	18.59	342.93	2,041.0	392.9	-120.6	411.0	0.00	0.00	0.00	
2,200.0	18.59	342.93	2,135.7	423.4	-130.0	442.9	0.00	0.00	0.00	
2,300.0	18.59	342.93	2,230.5	453.9	-139.3	474.8	0.00	0.00	0.00	
2,400.0	18.59	342.93	2,325.3	484.4	-148.7	506.7	0.00	0.00	0.00	
2,500.0	18.59	342.93	2,420.1	514.8	-158.1	538.6	0.00	0.00	0.00	
2,600.0	18.59	342.93	2,514.9	545.3	-167.4	570.4	0.00	0.00	0.00	
2,700.0	18.59	342.93	2,609.7	575.8	-176.8	602.3	0.00	0.00	0.00	
2,768.9	18.59	342.93	2,675.0	596.8	-183.2	624.3	0.00	0.00	0.00	
OJO ALAMO										
2,800.0	18.59	342.93	2,704.4	606.3	-186.1	634.2	0.00	0.00	0.00	
2,900.0	18.59	342.93	2,799.2	636.7	-195.5	666.1	0.00	0.00	0.00	
2,906.1	18.59	342.93	2,805.0	638.6	-196.1	668.0	0.00	0.00	0.00	
KIRTLAND										
3,000.0	18.59	342.93	2,894.0	667.2	-204.8	698.0	0.00	0.00	0.00	
3,100.0	18.59	342.93	2,988.8	697.7	-214.2	729.8	0.00	0.00	0.00	
3,200.0	18.59	342.93	3,083.6	728.2	-223.6	761.7	0.00	0.00	0.00	
3,241.6	18.59	342.93	3,123.0	740.8	-227.4	775.0	0.00	0.00	0.00	
FRUITLAND										
3,300.0	18.59	342.93	3,178.4	758.6	-232.9	793.6	0.00	0.00	0.00	
3,365.2	18.59	342.93	3,240.2	778.5	-239.0	814.4	0.00	0.00	0.00	
3,400.0	17.55	342.93	3,273.2	788.8	-242.2	825.2	3.00	-3.00	0.00	
3,500.0	14.55	342.93	3,369.3	815.3	-250.3	852.8	3.00	-3.00	0.00	
3,600.0	11.55	342.93	3,466.7	836.8	-256.9	875.4	3.00	-3.00	0.00	
3,680.6	9.13	342.93	3,546.0	850.7	-261.2	889.8	3.00	-3.00	0.00	
PICTURED CLIFFS										
3,700.0	8.55	342.93	3,565.2	853.5	-262.0	892.8	3.00	-3.00	0.00	
3,800.0	5.55	342.93	3,664.4	865.2	-265.6	905.1	3.00	-3.00	0.00	
3,884.8	3.00	342.93	3,749.0	871.3	-267.5	911.4	3.00	-3.00	0.00	

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #138M
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6750.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6750.0ft (AWS Rigs)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #138M	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 29-7 #138M		
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)
LEWIS									
3,900.0	2.55	342.93	3,764.2	872.0	-267.7	912.1	3.00	-3.00	0.00
3,984.9	0.00	0.00	3,849.0	873.8	-268.3	914.0	3.00	-3.00	0.00
Int. Csg - SJ 29-7 #138M - ICP									
4,000.0	0.00	0.00	3,864.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,100.0	0.00	0.00	3,964.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,064.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,164.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,322.9	0.00	0.00	4,187.0	873.8	-268.3	914.0	0.00	0.00	0.00
HUERFANITO BENTONITE									
4,400.0	0.00	0.00	4,264.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,364.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,464.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,658.9	0.00	0.00	4,523.0	873.8	-268.3	914.0	0.00	0.00	0.00
CHACRA									
4,700.0	0.00	0.00	4,564.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,664.1	873.8	-268.3	914.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,764.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,000.0	0.00	0.00	4,864.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,100.0	0.00	0.00	4,964.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,064.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,164.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,344.9	0.00	0.00	5,209.0	873.8	-268.3	914.0	0.00	0.00	0.00
MASSIVE CLIFF HOUSE									
5,400.0	0.00	0.00	5,264.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,364.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,524.9	0.00	0.00	5,389.0	873.8	-268.3	914.0	0.00	0.00	0.00
MENEFEE									
5,600.0	0.00	0.00	5,464.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,564.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,664.1	873.8	-268.3	914.0	0.00	0.00	0.00
5,864.9	0.00	0.00	5,729.0	873.8	-268.3	914.0	0.00	0.00	0.00
POINT LOOKOUT									
5,900.0	0.00	0.00	5,764.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,864.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,100.0	0.00	0.00	5,964.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,064.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,164.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,347.9	0.00	0.00	6,212.0	873.8	-268.3	914.0	0.00	0.00	0.00
MANCOS									
6,400.0	0.00	0.00	6,264.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,364.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,464.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,564.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,664.1	873.8	-268.3	914.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,764.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,000.0	0.00	0.00	6,864.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,100.0	0.00	0.00	6,964.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,115.9	0.00	0.00	6,980.0	873.8	-268.3	914.0	0.00	0.00	0.00
UPPER GALLUP									
7,200.0	0.00	0.00	7,064.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,164.1	873.8	-268.3	914.0	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #138M
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6750.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6750.0ft (AWS Rigs)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #138M	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 29-7 #138M		
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)
7,400.0	0.00	0.00	7,264.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,364.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,464.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,564.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,664.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,850.9	0.00	0.00	7,715.0	873.8	-268.3	914.0	0.00	0.00	0.00
GREENHORN									
7,900.0	0.00	0.00	7,764.1	873.8	-268.3	914.0	0.00	0.00	0.00
7,901.9	0.00	0.00	7,766.0	873.8	-268.3	914.0	0.00	0.00	0.00
GRANEROS									
7,949.9	0.00	0.00	7,814.0	873.8	-268.3	914.0	0.00	0.00	0.00
TWO WELLS									
8,000.0	0.00	0.00	7,864.1	873.8	-268.3	914.0	0.00	0.00	0.00
8,058.9	0.00	0.00	7,923.0	873.8	-268.3	914.0	0.00	0.00	0.00
UPPER CUBERO									
8,091.9	0.00	0.00	7,956.0	873.8	-268.3	914.0	0.00	0.00	0.00
LOWER CUBERO									
8,100.0	0.00	0.00	7,964.1	873.8	-268.3	914.0	0.00	0.00	0.00
8,160.9	0.00	0.00	8,025.0	873.8	-268.3	914.0	0.00	0.00	0.00
ENCINAL									
8,161.9	0.00	0.00	8,026.0	873.8	-268.3	914.0	0.00	0.00	0.00
Total Depth - Prod. Csg. - SJ 29-7 #138M - PCP									

Targets									
Target Name	hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude Longitude
SJ 29-7 #138M - ICP		0.00	0.00	3,849.0	873.8	-268.3	2,074,944.15	589,424.74	36° 42' 7.392 N 107° 31' 41.832 W
- plan hits target center									
- Point									
SJ 29-7 #138M - PCP		0.00	0.00	8,026.0	873.8	-268.3	2,074,944.15	589,424.74	36° 42' 7.392 N 107° 31' 41.832 W
- plan hits target center									
- Point									

Casing Points				
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
3,984.9	3,849.0	Int. Csg	7	8-3/4
230.0	230.0	Surf. Csg	9-5/8	12-1/4
8,161.9	8,026.0	Prod. Csg.	4-1/2	6-1/4

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-7 #138M
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6750.0ft (AWS Rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6750 0ft (AWS Rigs)
Site:	San Juan 29 Wells	North Reference:	True
Well:	SJ 29-7 #138M	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 29-7 #138M		
Design:	Plan #1		

Formations:				
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip Direction (°)
4,658.9	4,523.0	CHACRA		
8,160.9	8,025.0	ENCINAL		
3,884.8	3,749.0	LEWIS		
5,524.9	5,389.0	MENEFEE		
7,850.9	7,715.0	GREENHORN		
8,058.9	7,923.0	UPPER CUBERO		
7,901.9	7,766.0	GRANEROS		
7,949.9	7,814.0	TWO WELLS		
4,322.9	4,187.0	HUERFANITO BENTONITE		
3,241.6	3,123.0	FRUITLAND		
3,680.6	3,546.0	PICTURED CLIFFS		
5,344.9	5,209.0	MASSIVE CLIFF HOUSE		
2,768.9	2,675.0	OJO ALAMO		
2,906.1	2,805.0	KIRTLAND		
5,864.9	5,729.0	POINT LOOKOUT		
7,115.9	6,980.0	UPPER GALLUP		
6,347.9	6,212.0	MANCOS		
8,091.9	7,956.0	LOWER CUBERO		
8,161.9	8,026.0	Total Depth		

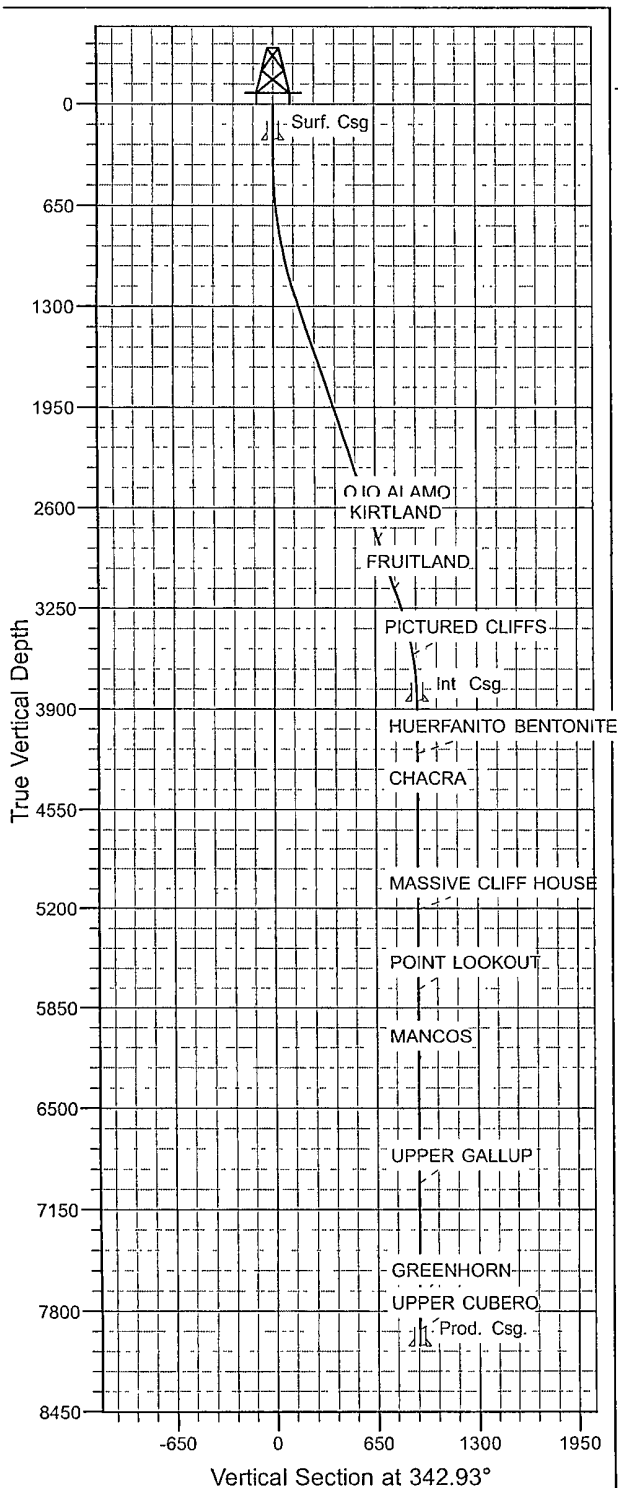
RKB @ 6750.0ft (AWS Rigs)
 Ground Elevation 6735.0
 Reference Lat: 36° 41' 58.752 N
 Reference Long: 107° 31' 38.538 W

Project: San Juan Basin - New Mexico West
 Site: San Juan 29 Wells
 Well: SJ 29-7 #138M
 Wellbore: SJ 29-7 #138M
 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	350.0	0.00	0.00	350.0	0.0	0.0	0.00	0.00	0.0	
3	1279.5	18.59	342.93	1263.3	142.9	-43.9	2.00	342.93	149.5	
4	3365.2	18.59	342.93	3240.2	778.5	-239.0	0.00	0.00	814.4	
5	3984.9	0.00	0.00	3849.0	873.8	-268.3	3.00	180.00	914.0	SJ 29-7 #138M - ICP
6	8161.9	0.00	0.00	8026.0	873.8	-268.3	0.00	0.00	914.0	SJ 29-7 #138M - PCP



FORMATION TOP DETAILS

VDPPath	MDPath	Formation
2675.0	2768.9	OJO ALAMO
2805.0	2906.1	KIRTLAND
3123.0	3241.6	FRUITLAND
3546.0	3680.6	PICTURED CLIFF
3749.0	3884.8	LEWIS
4187.0	4322.9	HUERFANITO BE
4523.0	4658.9	CHACRA
5209.0	5344.9	MASSIVE CLIFF H
5389.0	5524.9	MENEFEE
5729.0	5864.9	POINT LOOKOUT
6212.0	6347.9	MANCOS
6980.0	7115.9	UPPER GALLUP
7715.0	7850.9	GREENHORN
7766.0	7901.9	GRANEROS
7814.0	7949.9	TWO WELLS
7923.0	8058.9	UPPER CUBERO
7956.0	8091.9	LOWER CUBERO
8025.0	8160.9	ENCINAL
8026.0	8161.9	Total Depth

