

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

Sundry Notices and Reports on Wells

JUN 30 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 A (NENE), 1350' FNL & 1120' FEL, Section 28, T28N, R4W, NMPM

BHL: Unit G (SWNE), 1410' FNL & 1860' FEL, Section 28, T28N, R4W, NMPM

Farmington Field Office
Bureau of Land Management
Lease Number
NM-03863

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Valdez 8C

9. API Well No.

30-039-30362

10. Field and Pool
Blanco MV / Basin DK

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	☐ Other -	Add DK & BHL
☐ Subsequent Report	☐ Recompletion	☐ New Construction		
☐ Final Abandonment	☐ Plugging	☐ Non-Routine Fracturing		
	☐ Casing Repair	☐ Water Shut off		
	☐ Altering Casing	☐ Conversion to Injection		

Hold C104
for Directional Survey
and "As Drilled" plat

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to add the Basin Dakota changing from a single completion as approved to a MV/DK commingle. A DHC notice will be filed as soon as possible. We would also like to add a bottomhole location changing from the approved vertical to a directional drill. A revised C102 plat, Project Proposal, directional drill plan and plot are attached. ✓

Note: The surface footages are the same but the Unit Letter is actually 'A' due to a survey recalculation since the original survey was done. See attached well pad diagram for better details.

**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.

Signed Dollie L. Busse Dollie L. Busse Title Staff Regulatory Technician Date 6/24/11

(This space for Federal or State Office use)

APPROVED BY Troy L. Salyers Title Petroleum Engineer Date 7/8/2011

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

Hold C104
for Directional Survey
and "As Drilled" plat

Hold C104
for Directional Survey
and "As Drilled" plat

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

NMOCD

PC

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 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 30-039-30362	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7620	⁵ Property Name VALDEZ	⁶ Well Number 8C
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 7355

¹⁰ SURFACE LOCATION

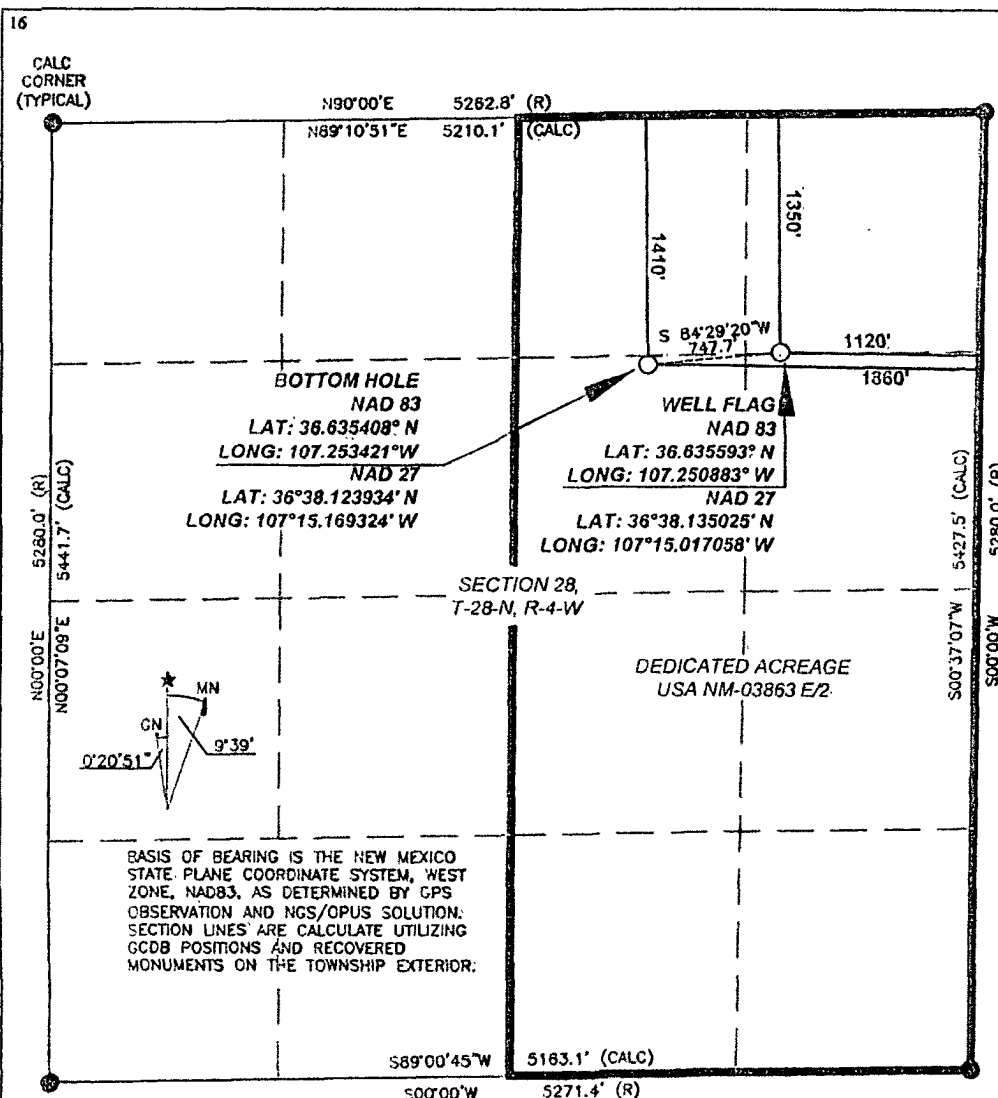
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	28-N	04-W		1350	NORTH	1120	EAST	RIO ARriba

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
G	28	28-N	04-W		1410	NORTH	1860	EAST	RIO ARriba

¹² Dedicated Acres 320.00	¹³ Joint or Infill E/2 (MV/DK)	¹⁴ Consolidation Code	¹⁵ 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



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

Dollie L. Busse 6/23/11
Signature Date

Dollie L. Busse
Printed Name

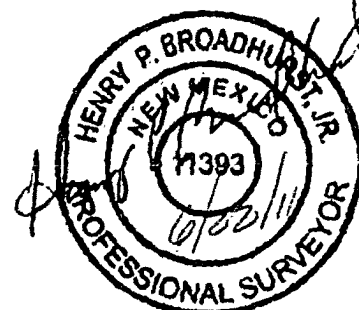
E-mail Address

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.

Date of Survey: 10/04/06

Signature and Seal of Professional Surveyor



Certificate Number: NM 11393

RECEIVED

JUL 06 2011

ConocoPhillips

San Juan Business Unit

PROJECT PROPOSAL - New Drill / Sidetrack

VALDEZ 8C

Farmington Field Office
Bureau of Land Management
DEVELOPMENT

Lease:		AFE #: WAN.ZA2.7835				AFE \$: 943,582.18	
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: RIO ARRIBA	API #: 3003930362	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
R20002	MESAVERDE(R20002)						
R20076	DAKOTA(R20076)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.635584		Longitude: -107.250284		X:	Y:	Section: 28	Range: 004W
Footage X: 1120 FEL		Footage Y: 1350 FNL		Elevation: 7355 (FT)		Township: 028N	
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.635399		Longitude: -107.252822		X:	Y:	Section: 28	Range: 004W
Footage X: 1860 FEL		Footage Y: 1410 FNL		Elevation: (FT)		Township: 028N	
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 7382 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SAN JOSE	15	7367		☐			Ground Water - Valdez 8 @ md: 210', ss: 7146'; Lost 300 bbls in Valdez 8A (28n 4w 28)
Surface Casing	200	7182		☐			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 108 cuft. Circulate cement to surface.
NACIMIENTO	2493	4889		☐			
OJO ALAMO	3723	3659		☐			
KIRTLAND	3785	3597		☐			
FRUITLAND	3904	3478		☐			Possible Gas
PICTURED CLIFFS	4314	3068		☐			
LEWIS	4418	2964		☐			Lost 300 bbls in SJ 28-4 37n (28n 4w 29)
Intermediate Casing	4568	2814		☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1045 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	5008	2374		☐			
CHACRA	5363	2019		☐			
UPPER CLIFF HOUSE	5920	1462		☐			Gas
MASSIVE CLIFF HOUSE	6115	1267		☐	464		Gas
MENEFEE	6172	1210		☐			
POINT LOOKOUT	6472	910		☐			
MANCOS	6974	408		☐			
UPPER GALLUP	7677	-295		☐			
GREENHORN	8439	-1057		☐			
GRANEROS	8495	-1113		☐			
TWO WELLS	8572	-1190		☐	3456		Gas

PROJECT PROPOSAL - New Drill / Sidetrack

VALDEZ 8C

DEVELOPMENT

PAGUATE	8616	-1234	☐	Gas
UPPER CUBERO	8633	-1251	☐	Gas - Wet in SJ 28-4 31M (28n 4w 32)
LOWER CUBERO	8684	-1302	☐	Gas - Wet in SJ 28-4 32M (28n 4w 32)
OAK CANYON	8741	-1359	☐	Gas - Bottom perf ~-1346' (95' below cbro) base on offset well.
Total Depth	8748	-1366	☐	6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 569 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	8760	-1378	☐	Wet in SJ 28-4 35M (28n 4w 33)
BURRO CANYON	8794	-1412	☐	
MORRISON	8886	-1504	☐	

Reference Wells:

Reference Type	Well Name	Comments
Production	Valdez 8 NE28-28N-04W	

Logging Program:

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

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

GR/CBL

Mud log ~100' above Gallup down to TD.

Mudlogger will call TD.

Bottom perf ~20' above TD.

Additional Information:

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

San Juan Basin - New Mexico Central Wells

Other Named Wells

Valdez #8C

Valdez #8C

30-039-30362

Plan: Plan #1

Standard Planning Report

29 June, 2011

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Valdez #8C
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 7370.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	MD Reference:	WELL @ 7370.0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Valdez #8C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Valdez #8C		
Design:	Plan #1		

Project:	San Juan Basin - New Mexico Central 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 Central 3002		Using geodetic scale factor

Site	Other Named Wells				
Site Position:		Northing:	1,995,375.60 ft	Latitude:	36° 28' 35.436 N
From:	Lat/Long	Easting:	107,943.61 ft	Longitude:	107° 35' 0.564 W
Position Uncertainty:	3.5 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.79 °

Well	Valdez #8C; MV/DK S-Curve - Short					
Well Position	+N/-S	0.0 ft	Northing:	2,052,099.00 ft	Latitude:	36° 38' 8.102 N
	+E/-W	0.0 ft	Easting:	206,514.33 ft	Longitude:	107° 15' 1.023 W
Position Uncertainty		3.0 ft	Wellhead Elevation:	ft	Ground Level:	7,355.0 ft

Wellbore:	Valdez #8C				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2011	6/29/2011	9.66	63.48	50,713

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	264.83	

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(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	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,910.9	22.22	264.83	2,883.3	-19.2	-211.9	2.00	2.00	0.00	264.83	
3,950.6	22.22	264.83	3,845.8	-54.6	-603.4	0.00	0.00	0.00	0.00	
4,691.3	0.00	0.00	4,568.0	-67.3	-744.7	3.00	-3.00	0.00	180.00	Valdez 8C - ICP
8,871.3	0.00	0.00	8,748.0	-67.3	-744.7	0.00	0.00	0.00	0.00	Valdez 8C - PCP

ConocoPhillips or its affiliates

Planning Report

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Project:	San Juan Basin - New Mexico Central Wells	MD Reference:	WELL @ 7370.0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Valdez #8C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Valdez #8C		
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	
Surface Casing Point Surface										
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	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,900.0	2.00	264.83	1,900.0	-0.2	-1.7	1.7	2.00	2.00	0.00	
2,000.0	4.00	264.83	1,999.8	-0.6	-7.0	7.0	2.00	2.00	0.00	
2,100.0	6.00	264.83	2,099.5	-1.4	-15.6	15.7	2.00	2.00	0.00	
2,200.0	8.00	264.83	2,198.7	-2.5	-27.8	27.9	2.00	2.00	0.00	
2,300.0	10.00	264.83	2,297.5	-3.9	-43.3	43.5	2.00	2.00	0.00	
2,400.0	12.00	264.83	2,395.6	-5.6	-62.3	62.6	2.00	2.00	0.00	
2,499.9	14.00	264.83	2,493.0	-7.7	-84.7	85.1	2.00	2.00	0.00	
Nacimiento										
2,500.0	14.00	264.83	2,493.1	-7.7	-84.8	85.1	2.00	2.00	0.00	
2,600.0	16.00	264.83	2,589.6	-10.0	-110.5	111.0	2.00	2.00	0.00	
2,700.0	18.00	264.83	2,685.3	-12.6	-139.6	140.2	2.00	2.00	0.00	
2,800.0	20.00	264.83	2,779.8	-15.6	-172.1	172.8	2.00	2.00	0.00	
2,900.0	22.00	264.83	2,873.2	-18.8	-207.8	208.6	2.00	2.00	0.00	
2,910.9	22.22	264.83	2,883.3	-19.2	-211.9	212.7	2.00	2.00	0.00	
3,000.0	22.22	264.83	2,965.8	-22.2	-245.4	246.4	0.00	0.00	0.00	
3,100.0	22.22	264.83	3,058.3	-25.6	-283.1	284.2	0.00	0.00	0.00	
3,200.0	22.22	264.83	3,150.9	-29.0	-320.7	322.0	0.00	0.00	0.00	
3,300.0	22.22	264.83	3,243.5	-32.4	-358.4	359.8	0.00	0.00	0.00	
3,400.0	22.22	264.83	3,336.0	-35.8	-396.0	397.7	0.00	0.00	0.00	
3,500.0	22.22	264.83	3,428.6	-39.2	-433.7	435.5	0.00	0.00	0.00	
3,600.0	22.22	264.83	3,521.2	-42.6	-471.4	473.3	0.00	0.00	0.00	
3,700.0	22.22	264.83	3,613.8	-46.0	-509.0	511.1	0.00	0.00	0.00	
3,800.0	22.22	264.83	3,706.3	-49.4	-546.7	548.9	0.00	0.00	0.00	
3,818.0	22.22	264.83	3,723.0	-50.0	-553.5	555.7	0.00	0.00	0.00	
Ojo Alamo										
3,885.0	22.22	264.83	3,785.0	-52.3	-578.7	581.0	0.00	0.00	0.00	
Kirtland										
3,900.0	22.22	264.83	3,798.9	-52.8	-584.3	586.7	0.00	0.00	0.00	
3,950.6	22.22	264.83	3,845.8	-54.6	-603.4	605.9	0.00	0.00	0.00	
4,000.0	20.74	264.83	3,891.7	-56.2	-621.4	624.0	3.00	-3.00	0.00	
4,013.1	20.34	264.83	3,904.0	-56.6	-626.0	628.5	3.00	-3.00	0.00	
Fruitland										

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Valdez #8C
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 7370 0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	MD Reference:	WELL @ 7370 0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Valdez #8C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Valdez #8C		
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)
4,100.0	17.74	264.83	3,986.1	-59.2	-654.2	656.9	3.00	-3.00	0.00
4,200.0	14.74	264.83	4,082.1	-61.7	-682.1	684.9	3.00	-3.00	0.00
4,300.0	11.74	264.83	4,179.5	-63.7	-704.9	707.8	3.00	-3.00	0.00
4,400.0	8.74	264.83	4,277.9	-65.3	-722.6	725.5	3.00	-3.00	0.00
4,436.5	7.64	264.83	4,314.0	-65.8	-727.8	730.7	3.00	-3.00	0.00
Pictured Cliffs									
4,500.0	5.74	264.83	4,377.1	-66.5	-735.1	738.1	3.00	-3.00	0.00
4,541.1	4.50	264.83	4,418.0	-66.8	-738.8	741.8	3.00	-3.00	0.00
Lewis									
4,600.0	2.74	264.83	4,476.8	-67.1	-742.5	745.5	3.00	-3.00	0.00
4,691.3	0.00	0.00	4,568.0	-67.3	-744.7	747.7	3.00	-3.00	0.00
Intermediate Casing Point - Intermediate - Valdez 8C - ICP									
4,700.0	0.00	0.00	4,576.7	-67.3	-744.7	747.7	0.00	0.00	0.00
4,800.0	0.00	0.00	4,676.7	-67.3	-744.7	747.7	0.00	0.00	0.00
4,900.0	0.00	0.00	4,776.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,000.0	0.00	0.00	4,876.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,100.0	0.00	0.00	4,976.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,131.3	0.00	0.00	5,008.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Huerfano Bentonite									
5,200.0	0.00	0.00	5,076.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,300.0	0.00	0.00	5,176.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,400.0	0.00	0.00	5,276.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,486.3	0.00	0.00	5,363.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Chacra									
5,500.0	0.00	0.00	5,376.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,600.0	0.00	0.00	5,476.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,700.0	0.00	0.00	5,576.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,800.0	0.00	0.00	5,676.7	-67.3	-744.7	747.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,776.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,000.0	0.00	0.00	5,876.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,043.3	0.00	0.00	5,920.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Upper Cliffhouse									
6,100.0	0.00	0.00	5,976.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,200.0	0.00	0.00	6,076.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,238.3	0.00	0.00	6,115.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Massive Cliffhouse									
6,295.3	0.00	0.00	6,172.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Menefee									
6,300.0	0.00	0.00	6,176.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,400.0	0.00	0.00	6,276.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,500.0	0.00	0.00	6,376.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,595.3	0.00	0.00	6,472.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Point Lookout									
6,600.0	0.00	0.00	6,476.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,700.0	0.00	0.00	6,576.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,800.0	0.00	0.00	6,676.7	-67.3	-744.7	747.7	0.00	0.00	0.00
6,900.0	0.00	0.00	6,776.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,000.0	0.00	0.00	6,876.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,097.3	0.00	0.00	6,974.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Mancos									
7,100.0	0.00	0.00	6,976.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,200.0	0.00	0.00	7,076.7	-67.3	-744.7	747.7	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Valdez #8C
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 7370.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	MD Reference:	WELL @ 7370.0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Valdez #8C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Valdez #8C		
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)
7,300.0	0.00	0.00	7,176.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,400.0	0.00	0.00	7,276.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,500.0	0.00	0.00	7,376.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,600.0	0.00	0.00	7,476.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,576.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,800.0	0.00	0.00	7,676.7	-67.3	-744.7	747.7	0.00	0.00	0.00
7,800.3	0.00	0.00	7,677.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Upper Gallup									
7,900.0	0.00	0.00	7,776.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,876.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,100.0	0.00	0.00	7,976.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,076.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,176.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,276.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,376.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,562.3	0.00	0.00	8,439.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Greenhorn									
8,600.0	0.00	0.00	8,476.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,618.3	0.00	0.00	8,495.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Graneros									
8,695.3	0.00	0.00	8,572.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Two Wells									
8,700.0	0.00	0.00	8,576.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,739.3	0.00	0.00	8,616.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Paguate									
8,756.3	0.00	0.00	8,633.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Upper Cubero									
8,800.0	0.00	0.00	8,676.7	-67.3	-744.7	747.7	0.00	0.00	0.00
8,807.3	0.00	0.00	8,684.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Lower Cubero									
8,864.3	0.00	0.00	8,741.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Oak Canyon									
8,871.3	0.00	0.00	8,748.0	-67.3	-744.7	747.7	0.00	0.00	0.00
Production ID: Production - Valdez 8C - 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
Valdez 8C - PCP	- plan hits target center - Circle (radius 50.0)	0.00	0.00	8,748.0	-67.3	-744.7	2,052,039.43	205,769.02	36° 38' 7.436 N 107° 15' 10.159 W
Valdez 8C - ICP	- plan hits target center - Circle (radius 50.0)	0.00	0.00	4,568.0	-67.3	-744.7	2,052,039.43	205,769.02	36° 38' 7.436 N 107° 15' 10.159 W

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Valdez #8C
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 7370 0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	MD Reference:	WELL @ 7370 0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Valdez #8C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Valdez #8C		
Design:	Plan #1		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
230 0	230.0	Surface	9-5/8	12-1/4	
4,691 3	4,568 0	Intermediate	7	8-3/4	
8,871 3	8,748 0	Production	4-1/2	6-1/4	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
8,756 3	8,633.0	Upper Cubero		0 00		
8,562.3	8,439 0	Greenhorn		0 00		
8,807 3	8,684 0	Lower Cubero		0 00		
2,499 9	2,493 0	Nacimiento		0 00		
8,695 3	8,572.0	Two Wells		0.00		
6,043.3	5,920.0	Upper Cliffhouse		0 00		
230.0	230.0	Surface Casing Point		0 00		
7,800 3	7,677 0	Upper Gallup		0.00		
8,864 3	8,741 0	Oak Canyon		0 00		
5,131.3	5,008 0	Huerfano Bentonite		0 00		
4,691 3	4,568.0	Intermediate Casing Point		0 00		
5,486.3	5,363.0	Chacra		0 00		
4,013.1	3,904.0	Fruitland		0 00		
6,595.3	6,472 0	Point Lookout		0 00		
6,238 3	6,115 0	Massive Cliffhouse		0 00		
3,885.0	3,785 0	Kirtland		0.00		
8,871 3	8,748 0	Production TD		0 00		
8,739.3	8,616 0	Paguate		0 00		
8,618 3	8,495 0	Graneros		0 00		
3,818.0	3,723 0	Ojo Alamo		0 00		
4,436 5	4,314 0	Pictured Cliffs		0 00		
4,541.1	4,418.0	Lewis		0 00		
6,295.3	6,172.0	Menefee		0 00		
7,097.3	6,974 0	Mancos		0 00		

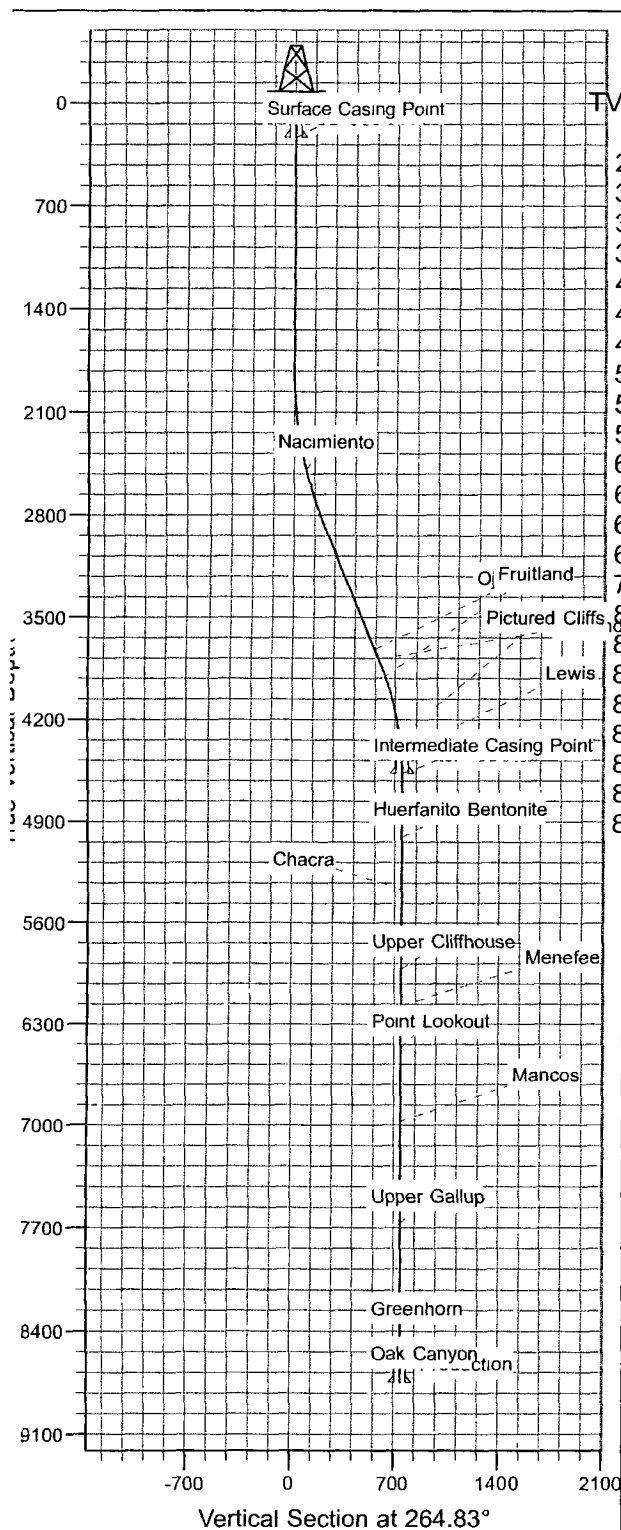
Well ELL @ 7370.0ft (Original Well Elev)
 Ground Elevation 7355.0
 Reference Lat: 36° 38' 8.102 N
 Reference Long: 107° 15' 1.023 W

Project: San Juan Basin - New Mexico Central
 Site: Other Named Wells
 Well: Valdez #8C
 Wellbore: Valdez #8C
 Design: Plan #1

ConocoPhillips

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2910.9	22.22	264.83	2883.3	-19.2	-211.9	2.00	264.83	212.7	
4	3950.6	22.22	264.83	3845.8	-54.6	-603.4	0.00	0.00	605.9	
5	4691.3	0.00	0.00	4568.0	-67.3	-744.7	3.00	180.00	747.7	Valdez 8C - ICP
6	8871.3	0.00	0.00	8748.0	-67.3	-744.7	0.00	0.00	747.7	Valdez 8C - PCP



FORMATION TOP DETAILS

TVD	MD	Path	Formation
230.0	230.0		Surface Casing Point
2493.0	2499.9		Nacimiento
3723.0	3818.0		Ojo Alamo
3785.0	3885.0		Kirtland
3904.0	4013.1		Fruitland
4314.0	4436.5		Pictured Cliffs
4418.0	4541.1		Lewis
4568.0	4691.3		Intermediate Casing Point
5008.0	5131.3		Huerfano Bentonite
5363.0	5486.3		Chacra
5920.0	6043.3		Upper Cliffhouse
6115.0	6238.3		Massive Cliffhouse
6172.0	6295.3		Menefee
6472.0	6595.3		Point Lookout
6974.0	7097.3		Mancos
7677.0	7800.3		Upper Gallup
8439.0	8562.3		Greenhorn
8495.0	8618.3		Graneros
8572.0	8695.3		Two Wells
8616.0	8739.3		Paguate
8633.0	8756.3		Upper Cubero
8684.0	8807.3		Lower Cubero
8741.0	8864.3		Oak Canyon
8748.0	8871.3		Production TD

