

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

RECEIVED

MAY 25 2010

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS5. Lease Number
SF-080711-A6. If Indian, All. or
Tribe Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

7. Unit Agreement Name
San Juan 30-6 Unit

3. Address & Phone No. of Operator

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

8. Well Name & Number
San Juan 30-6 Unit 58M

9. API Well No.

30-039-30803

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

Surface: Unit N (SESW), 990' FSL & 2270' FWL, Section 31, T30N, R6W, NMPM

Bottomhole: Unit L (NWSW), 1665' FSL & 940' FWL, Section 31, T30N, R6W, NMPM

10. Field and Pool
Blanco MV / Basin DK11. County and State
Rio Arriba, NM

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

Type of Submission

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

Type of Action

☐ Abandonment☐ Recompletion☐ Plugging☐ Casing Repair☐ Altering Casing☒

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut off

☐

Conversion to Injection

Other -

RCVD JUN 3 '10
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources wishes to shorten the length of the directional drill for the subject well by moving the bottomhole location from the APD approved location of Unit L (NWSW), 1755' FSL & 740' FWL to Unit L (NWSW), 1665' FSL & 940' FWL. The new plat, directional drill plan, plot and project proposal 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 TafoyaTitle Regulatory TechnicianDate 5/25/2010

(This space for Federal or State Office use)

APPROVED BY Troy L. SellersTitle Petroleum EngineerDate 5/26/2010

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

N.P. NMOCB

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 October 12, 2005

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30803	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 58M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6802'

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
N	31	30N	6W		990	SOUTH	2270	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
L	31	30N	6W		1665	SOUTH	940	WEST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - (W/2)	¹³ Joint or Infill	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

¹⁶ LEASE USA SF-080711-A 31 BOTTOM-HOLE LAT: 36°45.9868' N LONG: 107°30.5695' W DATUM : NAD1927 LAT: 36.76645° N LONG: 107.51010° W DATUM : NAD1983 SURFACE LOCATION LAT: 36°45.8757' N LONG: 107°30.2974' W DATUM : NAD1927 LAT: 36.76460° N LONG: 107.50556° W DATUM : NAD1983	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. <i>Crystal Tafoya</i> 5/25/2010 Signature Date Crystal Tafoya 5/25/2010 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 Survey Date: FEBRUARY 5, 2009 Signature and Seal of Professional Surveyor JASON C. EDWARDS Certificate Number 15269
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 58M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8533				AFE \$: 1,935,879.83	
Field Name: SAN JUAN 30-6 UNIT		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA	API #: 3003930803	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.764594	Longitude: -107.504955	X:	Y:	Section: 31	Range: 006W		
Footage X: 2270 FWL	Footage Y: 990 FSL	Elevation: 6802	(FT)	Township: 030N			
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.766444	Longitude: -107.509495	X:	Y:	Section: 31	Range: 006W		
Footage X: 940 FWL	Footage Y: 1665 FSL	Elevation:	(FT)	Township: 030N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6818 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	320	6498	☐			12-1/4 hole. 320' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 244 cuft. Circulate cement to surface.	
NACIMIENTO	1446	5372	☐				
OJO ALAMO	2836	3982	☐				
KIRTLAND	2934	3884	☐				
FRUITLAND	3276	3542	☐			Possible Gas	
PICTURED CLIFFS	3728	3090	☐				
LEWIS	3833	2985	☐				
HUERFANITO BENTONITE	4443	2375	☐				
Intermediate Casing	4443	2375	☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1201 cuft. Circulate cement to surface.	
CHACRA	4736	2082	☐			Est. Top Perf - 4736 (2080)	
UPPER CLIFF HOUSE	5527	1291	☐			Gas	
MASSIVE CLIFF HOUSE	5576	1242	☐	419		Gas	
MENEFEE	5620	1198	☐				
POINT LOOKOUT	5972	846	☐				
MANCOS	6242	576	☐				
UPPER GALLUP	7138	-320	☐				
GREENHORN	7888	-1070	☐				
GRANEROS	7942	-1124	☐				
TWO WELLS	8020	-1202	☐	3442		Gas	
PAGUATE	8066	-1248	☐				
UPPER CUBERO	8080	-1262	☐				
LOWER CUBERO	8114	-1296	☐			Est. Btm Perf - 8203 (-1387) based on offset wells	

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 30-6 UNIT 58M

DEVELOPMENT

ENCINAL	8190	-1372	☐	TD - 30' below T/ENCN
Total Depth	8220	-1402	☐	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 441 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Abraham 11	30N 6W 31 NE SE SW
Production	SJ 30-6 86-A	30N 7W 36 SE NW SE
Production	SJ 29-6 18B	29N 6W 05 SW NE NW
Production	SJ 29-6 13B	29N 6W 6 SE NE 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 / CEL	
Mudlog from 100' above top of GRHN to TD - mudlogger will call TD.	

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

ConocoPhillips SJBU

San Juan Basin - New Mexico Wells

San Juan 30 Wells

SJ 30-6 #58M

30-039-30803

Principal Wellbore

Plan: Plan #1

Standard Planning Report

24 May, 2010

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #58M
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6818.0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6818.0ft (H&P 282)
Site:	San Juan 30 Wells	North Reference:	True
Well:	SJ 30-6 #58M	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:	San Juan 30 Wells		
Site Position:		Northing:	2,114,089.14 ft
From:	Lat/Long	Easting:	623,918.83 ft
Position Uncertainty:	3 5 ft	Slot Radius:	"
		Grid Convergence:	0 25 °

Well:	SJ 30-6 #58M, Directional "S" Curve Long, Lewis Included		
Well Position	+N/-S	0 0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	3 5 ft	Wellhead Elevation:	ft
		Ground Level:	6,802.0 ft

Wellbore:	Principal Wellbore		
Magnetics:	Model Name	Sample Date	Declination
	BGGM2010	6/16/2009	10 03
			Dip Angle
			63 61
			Field Strength
			50,988

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
			(°)
			296.57

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	
440.0	0 00	0.00	440.0	0 0	0.0	0 00	0 00	0 00	0 00	
1,602.0	34.86	296.91	1,531.6	155.1	-305.6	3 00	3 00	0 00	296.91	
3,159.1	34.86	296.91	2,809.3	557.9	-1,099.2	0 00	0 00	0.00	0 00	
4,030.6	0 00	0 00	3,628.0	674.2	-1,328.4	4 00	-4 00	0.00	180.00	SJ 30-6 #58M VACP
4,845.6	0 00	0.00	4,443.0	674.2	-1,328.4	0 00	0.00	0 00	0 00	SJ 30-6 #58M ICP
8,622.6	0 00	0.00	8,220.0	674.2	-1,328.4	0.00	0 00	0 00	0 00	SJ 30-6 #58M TD

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning
Company: ConocoPhillips SJB
Project: San Juan Basin - New Mexico Wells
Site: San Juan 30 Wells
Well: SJ 30-6 #58M
Wellbore: Principal Wellbore
Design: Plan #1

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

Well SJ 30-6 #58M
RKB @ 6818 0ft (H&P 282)
RKB @ 6818 0ft (H&P 282)
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
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
Surface Shoe									
400 0	0 00	0 00	400 0	0 0	0 0	0 0	0 00	0 00	0 00
440 0	0 00	0 00	440 0	0 0	0 0	0 0	0 00	0 00	0 00
500 0	1 80	296 91	500 0	0 4	-0 8	0 9	3 00	3 00	0 00
600 0	4 80	296 91	599 8	3 0	-6 0	6 7	3 00	3 00	0 00
700 0	7 80	296 91	699 2	8 0	-15 8	17 7	3 00	3 00	0 00
800 0	10 80	296 91	797 9	15 3	-30 2	33 8	3 00	3 00	0 00
900 0	13 80	296 91	895 6	24 9	-49 2	55 1	3 00	3 00	0 00
1,000 0	16 80	296 91	992 0	36 9	-72 7	81 5	3 00	3 00	0 00
1,100 0	19 80	296 91	1,086 9	51 1	-100 7	112 9	3 00	3 00	0 00
1,200 0	22 80	296 91	1,180 1	67 5	-133 1	149 2	3 00	3 00	0 00
1,300 0	25 80	296 91	1,271 2	86 2	-169 8	190 4	3 00	3 00	0 00
1,400 0	28 80	296 91	1,360 1	106 9	-210 7	236 2	3 00	3 00	0 00
1,499 5	31 79	296 91	1,446 0	129 6	-255 4	286 4	3 00	3 00	0 00
Nacimiento									
1,500 0	31 80	296 91	1,446 4	129 7	-255 6	286 7	3 00	3 00	0 00
1,602 0	34 86	296 91	1,531 6	155 1	-305 6	342 7	3 00	3 00	0 00
1,700 0	34 86	296 91	1,612 0	180 4	-355 6	398 7	0 00	0 00	0 00
1,800 0	34 86	296 91	1,694 1	206 3	-406 5	455 9	0 00	0 00	0 00
1,900 0	34 86	296 91	1,776 2	232 2	-457 5	513 0	0 00	0 00	0 00
2,000 0	34 86	296 91	1,858 2	258 0	-508 5	570 2	0 00	0 00	0 00
2,100 0	34 86	296 91	1,940 3	283 9	-559 4	627 3	0 00	0 00	0 00
2,200 0	34 86	296 91	2,022 3	309 8	-610 4	684 5	0 00	0 00	0 00
2,300 0	34 86	296 91	2,104 4	335 6	-661 4	741 7	0 00	0 00	0 00
2,400 0	34 86	296 91	2,186 4	361 5	-712 3	798 8	0 00	0 00	0 00
2,500 0	34 86	296 91	2,268 5	387 4	-763 3	856 0	0 00	0 00	0 00
2,600 0	34 86	296 91	2,350 5	413 2	-814 3	913 1	0 00	0 00	0 00
2,700 0	34 86	296 91	2,432 6	439 1	-865 3	970 3	0 00	0 00	0 00
2,800 0	34 86	296 91	2,514 7	465 0	-916 2	1,027 4	0 00	0 00	0 00
2,900 0	34 86	296 91	2,596 7	490 8	-967 2	1,084 6	0 00	0 00	0 00
3,000 0	34 86	296 91	2,678 8	516 7	-1,018 2	1,141 7	0 00	0 00	0 00
3,100 0	34 86	296 91	2,760 8	542 6	-1,069 1	1,198 9	0 00	0 00	0 00
3,159 1	34 86	296 91	2,809 3	557 9	-1,099 2	1,232 7	0 00	0 00	0 00
3,191 4	33 57	296 91	2,836 0	566 1	-1,115 4	1,250 8	4 00	-4 00	0 00
Ojo									
3,200 0	33 22	296 91	2,843 2	568 2	-1,119 7	1,255 6	4 00	-4 00	0 00
3,300 0	29 22	296 91	2,928 7	591 7	-1,165 9	1,307 4	4 00	-4 00	0 00
3,306 1	28 98	296 91	2,934 0	593 0	-1,168 5	1,310 3	4 00	-4 00	0 00
Kirtland									
3,400 0	25 22	296 91	3,017 6	612 4	-1,206 7	1,353 1	4 00	-4 00	0 00
3,495 2	21 42	296 91	3,105 0	629 4	-1,240 3	1,390 8	4 00	-4 00	0 00
Stage Tool									
3,500 0	21 22	296 91	3,109 5	630 2	-1,241 8	1,392 6	4 00	-4 00	0 00
3,600 0	17 22	296 91	3,203 9	645 1	-1,271 2	1,425 5	4 00	-4 00	0 00
3,674 9	14 23	296 91	3,276 0	654 3	-1,289 3	1,445 8	4 00	-4 00	0 00
Fruitland									
3,700 0	13 22	296 91	3,300 4	657 0	-1,294 6	1,451 7	4 00	-4 00	0 00
3,800 0	9 22	296 91	3,398 4	665 8	-1,311 9	1,471 2	4 00	-4 00	0 00

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #58M
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6818 0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6818 0ft (H&P 282)
Site:	San Juan 30 Wells	North Reference:	True
Well:	SJ 30-6 #58M	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)
3,900.0	5 22	296.91	3,497.6	671.5	-1,323.1	1,483.7	4.00	-4.00	0.00
4,000.0	1 22	296.91	3,597.4	674.0	-1,328.1	1,489.4	4.00	-4.00	0.00
4,030.6	0 00	0.00	3,628.0	674.2	-1,328.4	1,489.7	4.00	-4.00	206.46
SJ 30-6 #58M VACP									
4,100.0	0 00	0.00	3,697.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
4,130.6	0 00	0.00	3,728.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Pictured Cliffs									
4,200.0	0 00	0.00	3,797.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
4,235.6	0 00	0.00	3,833.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Lewis									
4,300.0	0 00	0.00	3,897.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
4,400.0	0 00	0.00	3,997.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
4,500.0	0 00	0.00	4,097.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
4,600.0	0 00	0.00	4,197.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
4,700.0	0 00	0.00	4,297.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
4,800.0	0 00	0.00	4,397.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
4,845.6	0 00	0.00	4,443.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Huerfano Bentonite - Intermediate Shoe - SJ 30-6 #58M ICP									
4,900.0	0 00	0.00	4,497.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,000.0	0 00	0.00	4,597.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,100.0	0 00	0.00	4,697.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,138.6	0 00	0.00	4,736.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Chacra									
5,200.0	0 00	0.00	4,797.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,300.0	0 00	0.00	4,897.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,400.0	0 00	0.00	4,997.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,500.0	0 00	0.00	5,097.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,600.0	0 00	0.00	5,197.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,700.0	0 00	0.00	5,297.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,800.0	0 00	0.00	5,397.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,900.0	0 00	0.00	5,497.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
5,929.6	0 00	0.00	5,527.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Upper Cliffhouse									
5,978.6	0 00	0.00	5,576.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Mass. Cliffhouse									
6,000.0	0 00	0.00	5,597.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,022.6	0 00	0.00	5,620.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Menefee									
6,100.0	0 00	0.00	5,697.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,200.0	0 00	0.00	5,797.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,300.0	0 00	0.00	5,897.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,374.6	0 00	0.00	5,972.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Point Lookout									
6,400.0	0 00	0.00	5,997.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,500.0	0 00	0.00	6,097.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,600.0	0 00	0.00	6,197.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,644.6	0 00	0.00	6,242.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Mancos									
6,700.0	0 00	0.00	6,297.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,800.0	0 00	0.00	6,397.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
6,900.0	0 00	0.00	6,497.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,000.0	0 00	0.00	6,597.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00

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Database: EDM Central Planning
Company: ConocoPhillips SJBU
Project: San Juan Basin - New Mexico Wells
Site: San Juan 30 Wells
Well: SJ 30-6 #58M
Wellbore: Principal Wellbore
Design: Plan #1

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

Well SJ 30-6 #58M
RKB @ 6818 0ft (H&P 282)
RKB @ 6818 0ft (H&P 282)
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)
7,100.0	0.00	0.00	6,697.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,200.0	0.00	0.00	6,797.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,300.0	0.00	0.00	6,897.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,400.0	0.00	0.00	6,997.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,500.0	0.00	0.00	7,097.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,540.6	0.00	0.00	7,138.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Upper Gallup									
7,600.0	0.00	0.00	7,197.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,297.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,800.0	0.00	0.00	7,397.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,497.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,597.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
8,100.0	0.00	0.00	7,697.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
8,200.0	0.00	0.00	7,797.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
8,290.6	0.00	0.00	7,888.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Greenhorn									
8,300.0	0.00	0.00	7,897.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
8,344.6	0.00	0.00	7,942.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Graneros									
8,400.0	0.00	0.00	7,997.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
8,422.6	0.00	0.00	8,020.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Two Wells									
8,468.6	0.00	0.00	8,066.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Paguete									
8,482.6	0.00	0.00	8,080.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Upper cubero									
8,500.0	0.00	0.00	8,097.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
8,516.6	0.00	0.00	8,114.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Lower Cubero									
8,592.6	0.00	0.00	8,190.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Encinal									
8,600.0	0.00	0.00	8,197.4	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
8,622.6	0.00	0.00	8,220.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00
Production Shoe - SJ 30-6 #58M TD									

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									
SJ 30-6 #58M TD	0.00	0.00	8,220.0	674.2	-1,328.4	2,098,404.33	594,855.28	36° 45' 59.208 N	107° 30' 34.170 W
- plan hits target center									
- Circle (radius 100.0)									
SJ 30-6 #58M ICP	0.00	0.00	4,443.0	674.2	-1,328.4	2,098,404.33	594,855.28	36° 45' 59.208 N	107° 30' 34.170 W
- plan hits target center									
- Circle (radius 100.0)									
SJ 30-6 #58M VACP	0.00	0.00	3,628.0	674.2	-1,328.4	2,098,404.33	594,855.28	36° 45' 59.208 N	107° 30' 34.170 W
- plan hits target center									
- Circle (radius 100.0)									

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #58M
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6818.0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6818.0ft (H&P 282)
Site:	San Juan 30 Wells	North Reference:	True
Well:	SJ 30-6 #58M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
320 0	320 0	Surface Shoe	9-5/8	12-1/4	
4,845 6	4,443 0	Intermediate Shoe	7	8-3/4	
8,622 6	8,220 0	Production Shoe	4-1/2	6-1/4	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,306.1	2,934.0	Kirtland		0 00		
6,022.6	5,620.0	Menefee		0.00		
3,495 2	3,105 0	Stage Tool		0 00		
4,130 6	3,728 0	Pictured Cliffs		0 00		
5,929 6	5,527.0	Upper Cliffhouse		0 00		
5,978 6	5,576.0	Mass. Cliffhouse		0 00		
5,138.6	4,736 0	Chacra		0 00		
4,235 6	3,833.0	Lewis		0 00		
6,644.6	6,242 0	Mancos		0 00		
3,191.4	2,836.0	Ojo		0 00		
6,374 6	5,972.0	Point Lookout		0 00		
4,845.6	4,443.0	Huerfano Bentonite		0 00		
8,290 6	7,888.0	Greenhorn		0 00		
8,516 6	8,114 0	Lower Cubero		0 00		
8,482 6	8,080 0	Upper cubero		0 00		
7,540.6	7,138 0	Upper Gallup		0 00		
8,422 6	8,020.0	Two Wells		0 00		
8,344.6	7,942 0	Graneros		0 00		
1,499 5	1,446 0	Nacimiento		0 00		
3,674 9	3,276.0	Fruitland		0 00		
8,468 6	8,066.0	Paguate		0 00		

REFERENCE INFORMATION	Project: San Juan Basin - New Mexico Well	
RKB @ 6818.0ft (H&P 282)	Site: San Juan 30 Wells	
Ground Elevation 6802.0	Well: SJ 30-6 #58M	
Reference Lat: 36° 45' 52.542 N	Wellbore: Principal Wellbore	
Reference Long: 107° 30' 17.844 W	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	440.0	0.00	0.00	440.0	0.0	0.0	0.00	0.00	0.0	
3	1602.0	34.86	296.91	1531.6	155.1	-305.6	3.00	296.91	342.7	
4	3159.1	34.86	296.91	2809.3	557.9	-1099.2	0.00	0.00	1232.7	
5	4030.6	0.00	0.00	3628.0	674.2	-1328.4	4.00	180.00	1489.7	SJ 30-6 #58M VACP
6	4845.6	0.00	0.00	4443.0	674.2	-1328.4	0.00	0.00	1489.7	SJ 30-6 #58M ICP
7	8622.6	0.00	0.00	8220.0	674.2	-1328.4	0.00	0.00	1489.7	SJ 30-6 #58M TD

