

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 16 2010

Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

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 N (SESW), 990' FSL & 2270' FWL, Section 31, T30N, R6W, NMPM
Bottomhole: Unit L (NWSW), 1665' FSL & 940' FWL, Section 31, T30N, R6W, NMPM
1755 740
5. Lease Number
SF-080711-A
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 30-6 Unit
8. Well Name & Number
San Juan 30-6 Unit 58M
9. API Well No.
30-039-30803
10. Field and Pool
Blanco MV / Basin DK
11. 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 - Change Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction	☐ OIL CONS. DIV.
☐ Final Abandonment	☐ Plugging	☐ Non-Routine Fracturing	☐ DIST. 3
	☐ Casing Repair	☐ Water Shut off	☐ RCVD JUN 25 '10
	☐ Altering Casing	☐ Conversion to Injection	

13. Describe Proposed or Completed Operations

ConocoPhillips wishes to change the intermediate casing point from 4443' TVD (4845.6' TMD) to 3933' TVD (4335.6' TMD).
The revised Project Proposal and Directional Drill Plan are attached. ✓

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

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

Signed Dollie L. Busse Dollie L. Busse Title Staff Regulatory Technician Date 6/16/10

(This space for Federal or State Office use)

APPROVED BY Troy L. Salazar Title Petroleum Engineer Date 6/21/2010

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

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						
Geologist:		Phone:		Geophysicist:							
Geoscientist:		Phone:		Prod. Engineer:							
Res. Engineer:		Phone:		Proj. Field Lead:							
Primary Objective (Zones): <table border="1"> <thead> <tr> <th>Zone</th> <th>Zone Name</th> </tr> </thead> <tbody> <tr> <td>RON</td> <td>BLANCO MESAVERDE (PRORATED GAS)</td> </tr> <tr> <td>FRR</td> <td>BASIN DAKOTA (PRORATED GAS)</td> </tr> </tbody> </table>						Zone	Zone Name	RON	BLANCO MESAVERDE (PRORATED GAS)	FRR	BASIN DAKOTA (PRORATED GAS)
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)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)						
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		☐							
Intermediate Casing	3933	2885		☐							
					8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 976 cuft. Circulate cement to surface.						
HUERFANITO BENTONITE	4443	2375		☐							
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		☐							

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 58M

DEVELOPMENT

LOWER CUBERO	8114	-1296	☐	Est. Btm Perf - 8203 (-1387) based on offset wells
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/ 583 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Abrahm 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 / CBL	
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

15 June, 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:	"
		Latitude:	36° 48' 33.187 N
		Longitude:	107° 24' 36.116 W
		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
		Latitude:	36° 45' 52.542 N
		Longitude:	107° 30' 17.844 W
		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
			296.57

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	
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
4,335.6	0.00	0.00	3,933.0	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	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)	
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	28.88	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

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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	
4,335.6	0.00	0.00	3,933.0	674.2	-1,328.4	1,489.7	0.00	0.00	0.00	
Intermediate Shoe - SJ 30-6 #58M ICP										
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										
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	

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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		

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)
6,900.0	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
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									

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		

Targets									
Target Name	hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	
Shape		(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	
SJ 30-6 #58M TD		0.00	0.00	8,220.0	674.2	-1,328.4	2,098,404.33	594,855.28	
- plan hits target center									
- Circle (radius 100.0)									
SJ 30-6 #58M ICP		0.00	0.00	3,933.0	674.2	-1,328.4	2,098,404.33	594,855.28	
- 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	
- plan hits target center									
- Circle (radius 100.0)									

Casing Points				
Measured Depth	Vertical Depth		Casing Diameter	Hole Diameter
(ft)	(ft)	Name	(")	(")
320.0	320.0	Surface Shoe	9-5/8	12-1/4
4,335.6	3,933.0	Intermediate Shoe	7	8-3/4
8,622.6	8,220.0	Production Shoe	4-1/2	6-1/4

Formations				
Measured Depth	Vertical Depth			
(ft)	(ft)	Name	Lithology	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	Huerfanto 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
8,592.6	8,190.0	Encinal		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

RKB @ 6818.0ft (H&P 282)
Ground Elevation 6802.0
Reference Lat: 36° 45' 52.542 N
Reference Long: 107° 30' 17.844 W

Project: San Juan Basin - New Mexico Well
Site: San Juan 30 Wells
Well: SJ 30-6 #58M
Wellbore: Principal Wellbore
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	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	4335.6	0.00	0.00	3933.0	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

FORMATION TOP DETAILS

VDPPath	MDPath	Formation
1446.0	1499.5	Nacimiento
2836.0	3191.4	Ojo
2934.0	3306.1	Kirtland
3105.0	3495.2	Stage Tool
3276.0	3674.9	Fruitland
3728.0	4130.6	Pictured Cliffs
3833.0	4235.6	Lewis
4443.0	4845.6	Huerfano Bentonite
4736.0	5138.6	Chacra
5527.0	5929.6	Upper Cliffhouse
5576.0	5978.6	Mass. Cliffhouse
5620.0	6022.6	Menefee
5972.0	6374.6	Point Lookout
6242.0	6644.6	Mancos
7138.0	7540.6	Upper Gallup
7888.0	8290.6	Greenhorn
7942.0	8344.6	Graneros
8020.0	8422.6	Two Wells
8066.0	8468.6	Paguate
8080.0	8482.6	Upper cubero
8114.0	8516.6	Lower Cubero
8190.0	8592.6	Encinal

