

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

RECEIVED**FEB 25 2010**

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. 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 G (SWNE), 1725' FNL & 1438' FEL, Section 34, T30N, R7W, NMPM

Bottomhole: Unit I (NESE), 2458' FSL & 801' FEL, Section 34, T30N, R7W, NMPM

5. Lease Number
SF-0793836. If Indian, All. or
Tribe Name7. Unit Agreement Name
San Juan 30-6 Unit8. Well Name & Number
San Juan 30-6 Unit 98M9. API Well No.
30-039-3074610. 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 MAR 8 '10
OIL CONS. DIV.

DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to move the intermediate casing depth and the bottomhole location of the subject well from the approved APD on 11/12/09. The Intermediate casing depth will be changed from 4100' TVD to 3434' TVD. The Bottomhole location will change from Unit I(NESE) 2280' FSL & 710' FEL to Unit I (NESE) 2458' FSL & 801' FEL. These changes are need to create a shorter step out to be able to fight severe losses. ✓ Attached is the new plat, project proposal, directional drill plan and plots. ✓

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

Signed Crystal Tafoya Crystal TafoyaTitle Regulatory TechnicianDate 2/25/2010

(This space for Federal or State Office use)

APPROVED BY Troy L. SalvorsTitle Petroleum EngineerDate 3/2/2010

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

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. 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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30746	² Pool Code 71599 / 72319	³ Pool Name BLANCO BASIN DAKOTA / MESA VERDE
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 98M
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6320

¹⁰ Surface Location

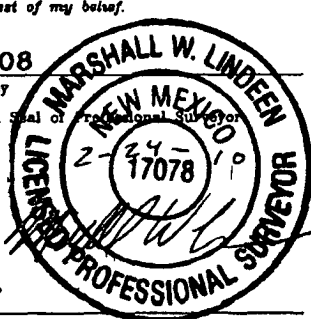
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	34	30 N	7 W		1725	NORTH	1438	EAST	RIO ARRIBA

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
I	34	30 N	7 W		2458	SOUTH	801	EAST	RIO ARRIBA

¹² Dedicated Acres 320.00 (E/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 S 89°50'43" E 5281.32'		USA SF-079383 1725'	5291.86' 5265.99'	17 OPERATOR CERTIFICATION <i>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> <i>Crystal Tafoya</i> 2/25/10 Signature Date Crystal Tafoya 2/25/2010 Printed Name
		SURFACE LAT: 36.771608° N LONG: 107.554166° W NAD 83 LAT: 36°46.2961' N LONG: 107°33.2135' W NAD 27 SECTION 34	1438' S 30°22'49" E 1258.89' 801'	
NOTE: BEARINGS & DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, WEST ZONE, NAD 83.		BHL LAT: 36.768620° N LONG: 107.552003° W NAD 83 LAT: 36°46.1168' N LONG: 107°33.0837' W NAD 27 2458'		18 SURVEYOR CERTIFICATION <i>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.</i> 9/08/08 Date of Survey Signature and Seal of Professional Surveyor  17078 Certificate Number
N 0°07'19" W S 89°58'02" W			5277.29' S 0°02'09" W	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 98M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8327				AFE \$: 1,720,773.72	
Field Name: SAN JUAN		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA		API #: 3003930746
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Johnson, David		Phone: +1 505-324-6169		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		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: 36.771602		Longitude: -107.553559		X:	Y:	Section: 34	Range: 007W
Footage X: 1438 FEL		Footage Y: 1725 FNL		Elevation: 6320 (FT)		Township: 030N	
Tolerance:							
Location: Bottom Hole Datum Code: NAD/27 Directional							
Latitude: 36.768613		Longitude: -107.551395		X:	Y:	Section: 34	Range: 007W
Footage X: 801 FEL		Footage Y: 2458 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 = 6336 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6136	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.	
NACIMIENTO	966	5370	☐				
OJO ALAMO	2289	4047	☐				
KIRTLAND	2390	3946	☐				
FRUITLAND	2762	3574	☐			Possible Gas	
PICTURED CLIFFS	3192	3144	☐				
LEWIS	3334	3002	☐				
Intermediate Casing	3434	2902	☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 999 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3934	2402	☐				
CHACRA	4228	2108	☐				
MASSIVE CLIFF HOUSE	4980	1356	☐	414		Gas	
MENEFEE	5068	1268	☐				
POINT LOOKOUT	5402	934	☐				
MANCOS	5756	580	☐				
UPPER GALLUP	6588	-252	☐				
GREENHORN	7404	-1068	☐				
GRANEROS	7457	-1121	☐				
TWO WELLS	7528	-1192	☐	3432		Gas	
UPPER CUBERO	7608	-1272	☐				
LOWER CUBERO	7639	-1303	☐				
ENCINAL	7711	-1375	☐				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 98M

DEVELOPMENT

Total Depth	7741	-1405	☐	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80/N-80, LTC casing. Cement w/ 495 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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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
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Est bottom perf ~20' above the est TD. Mudlog from ~100' above the Upper Gallup to TD. Mudloggers will call final TD.

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

ConocoPhillips SJB

San Juan Basin - New Mexico Wells

San Juan 30 Wells

SJ 30-6 #98M

30-039-30746

Principal Wellbore

Plan: Plan #2

Standard Planning Report

22 February, 2010

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #98M
Company:	ConocoPhillips SJB	TVD Reference:	HP 282 KB @ 6336.0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	HP 282 KB @ 6336.0ft (H&P 282)
Site:	San Juan 30 Wells	North Reference:	True
Well:	SJ 30-6 #98M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #2		

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:	2,100,610.50 ft
From:	Lat/Long	Easting:	654,846.83 ft
Position Uncertainty:	3.5 ft	Slot Radius:	"
		Latitude:	36° 46' 18.382 N
		Longitude:	107° 18' 16.710 W
		Grid Convergence:	0.32 °

Well:	SJ 30-6 #98M, Directional "S" Curve, Lewis Included		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	15.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 46' 17.766 N
		Longitude:	107° 33' 12.810 W
		Ground Level:	6,320.0 ft

Wellbore:	Principal Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	1/29/2010	9.97	63.60	50,940

Design:	Plan #2			
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	149.79

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	
320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,460.5	34.21	149.79	1,393.9	-285.6	166.3	3.00	3.00	0.00	149.79	
2,670.6	34.21	149.79	2,394.6	-873.6	508.8	0.00	0.00	0.00	0.00	
3,525.9	0.00	0.00	3,200.0	-1,087.8	633.5	4.00	-4.00	0.00	180.00	SJ 30-6 #98M ACP
3,759.9	0.00	0.00	3,434.0	-1,087.8	633.5	0.00	0.00	0.00	0.00	SJ 30-6 #98M Rev1 II
8,066.9	0.00	0.00	7,741.0	-1,087.8	633.5	0.00	0.00	0.00	0.00	SJ 30-6 #98M Rev1 F

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #98M
Company:	ConocoPhillips SJBU	TVD Reference:	HP 282 KB @ 6336 0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	HP 282 KB @ 6336 0ft (H&P 282)
Site:	San Juan 30 Wells	North Reference:	True
Well:	SJ 30-6 #98M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #2		

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	
Surf										
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	
400 0	2.40	149.79	400.0	-1.4	0.8	1.7	3.00	3.00	0.00	
500.0	5.40	149.79	499.7	-7.3	4.3	8.5	3.00	3.00	0.00	
600.0	8.40	149.79	599.0	-17.7	10.3	20.5	3.00	3.00	0.00	
700 0	11.40	149.79	697.5	-32.6	19.0	37.7	3.00	3.00	0.00	
800.0	14.40	149.79	795.0	-51.9	30.2	60.0	3.00	3.00	0.00	
900.0	17.40	149.79	891.1	-75.5	44.0	87.4	3.00	3.00	0.00	
979 0	19.77	149.79	966.0	-97.3	56.7	112.6	3.00	3.00	0.00	
Nacimiento										
1,000 0	20.40	149.79	985.7	-103.5	60.3	119.8	3.00	3.00	0.00	
1,100.0	23.40	149.79	1,078.5	-135.7	79.0	157.1	3.00	3.00	0.00	
1,200 0	26.40	149.79	1,169.2	-172.1	100.2	199.2	3.00	3.00	0.00	
1,300 0	29.40	149.79	1,257.6	-212.5	123.8	246.0	3.00	3.00	0.00	
1,400 0	32.40	149.79	1,343.4	-256.9	149.6	297.3	3.00	3.00	0.00	
1,460.5	34.21	149.79	1,393.9	-285.6	166.3	330.5	3.00	3.00	0.00	
1,500.0	34.21	149.79	1,426.6	-304.8	177.5	352.7	0.00	0.00	0.00	
1,600.0	34.21	149.79	1,509.3	-353.4	205.8	409.0	0.00	0.00	0.00	
1,700 0	34.21	149.79	1,592.0	-402.0	234.1	465.2	0.00	0.00	0.00	
1,800.0	34.21	149.79	1,674.7	-450.6	262.4	521.4	0.00	0.00	0.00	
1,900.0	34.21	149.79	1,757.4	-499.2	290.7	577.7	0.00	0.00	0.00	
2,000.0	34.21	149.79	1,840.0	-547.8	319.0	633.9	0.00	0.00	0.00	
2,100 0	34.21	149.79	1,922.7	-596.4	347.3	690.1	0.00	0.00	0.00	
2,200 0	34.21	149.79	2,005.4	-644.9	375.6	746.3	0.00	0.00	0.00	
2,300 0	34.21	149.79	2,088.1	-693.5	403.9	802.6	0.00	0.00	0.00	
2,400.0	34.21	149.79	2,170.8	-742.1	432.2	858.8	0.00	0.00	0.00	
2,500.0	34.21	149.79	2,253.5	-790.7	460.5	915.0	0.00	0.00	0.00	
2,542.9	34.21	149.79	2,289.0	-811.6	472.6	939.2	0.00	0.00	0.00	
Ojo Alamo										
2,600.0	34.21	149.79	2,336.2	-839.3	488.8	971.3	0.00	0.00	0.00	
2,665 0	34.21	149.79	2,390.0	-870.9	507.2	1,007.8	0.00	0.00	0.00	
Kirtland										
2,670.6	34.21	149.79	2,394.6	-873.6	508.8	1,010.9	0.00	0.00	0.00	
2,700 0	33.04	149.79	2,419.1	-887.7	517.0	1,027.2	4.00	-4.00	0.00	
2,750 6	31.01	149.79	2,462.0	-910.9	530.5	1,054.1	4.00	-4.00	0.00	
Stage Tool										
2,800 0	29.04	149.79	2,504.7	-932.2	542.9	1,078.8	4.00	-4.00	0.00	
2,900 0	25.04	149.79	2,593.8	-971.5	565.8	1,124.2	4.00	-4.00	0.00	
3,000 0	21.04	149.79	2,685.8	-1,005.3	585.5	1,163.4	4.00	-4.00	0.00	
3,080.8	17.81	149.79	2,762.0	-1,028.5	599.0	1,190.2	4.00	-4.00	0.00	
Fruitland										
3,100 0	17.04	149.79	2,780.3	-1,033.5	601.9	1,196.0	4.00	-4.00	0.00	
3,200 0	13.04	149.79	2,876.9	-1,055.9	614.9	1,221.9	4.00	-4.00	0.00	
3,300.0	9.04	149.79	2,975.0	-1,072.4	624.6	1,241.0	4.00	-4.00	0.00	
3,400 0	5.04	149.79	3,074.2	-1,083.0	630.7	1,253.3	4.00	-4.00	0.00	
3,500 0	1.04	149.79	3,174.1	-1,087.6	633.4	1,258.6	4.00	-4.00	0.00	
3,517.9	0.32	149.79	3,192.0	-1,087.8	633.5	1,258.8	4.00	-4.00	0.00	
Pictured Cliffs										
3,525.9	0.00	0.00	3,200.0	-1,087.8	633.5	1,258.8	4.00	-4.00	-1,872.30	

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #98M
Company:	ConocoPhillips SJB	TVD Reference:	HP 282 KB @ 6336.0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	HP 282 KB @ 6336.0ft (H&P 282)
Site:	San Juan 30 Wells	North Reference:	True
Well:	SJ 30-6 #98M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #2		

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)
SJ 30-6 #98M ACP									
3,600.0	0.00	0.00	3,274.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
3,659.9	0.00	0.00	3,334.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Lewis									
3,700.0	0.00	0.00	3,374.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
3,759.9	0.00	0.00	3,434.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Int - SJ 30-6 #98M Rev1 ICP									
3,800.0	0.00	0.00	3,474.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
3,900.0	0.00	0.00	3,574.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,000.0	0.00	0.00	3,674.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,100.0	0.00	0.00	3,774.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,200.0	0.00	0.00	3,874.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,259.9	0.00	0.00	3,934.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Huerfano Bentonite									
4,300.0	0.00	0.00	3,974.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,400.0	0.00	0.00	4,074.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,500.0	0.00	0.00	4,174.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,553.9	0.00	0.00	4,228.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Chacra									
4,600.0	0.00	0.00	4,274.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,700.0	0.00	0.00	4,374.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,800.0	0.00	0.00	4,474.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
4,900.0	0.00	0.00	4,574.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,000.0	0.00	0.00	4,674.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,100.0	0.00	0.00	4,774.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,200.0	0.00	0.00	4,874.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,300.0	0.00	0.00	4,974.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,305.9	0.00	0.00	4,980.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Mass. Cliffhouse									
5,393.9	0.00	0.00	5,068.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Menefee									
5,400.0	0.00	0.00	5,074.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,500.0	0.00	0.00	5,174.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,274.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,700.0	0.00	0.00	5,374.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,727.9	0.00	0.00	5,402.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Point Lookout									
5,800.0	0.00	0.00	5,474.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,574.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,674.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,081.9	0.00	0.00	5,756.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Mancos									
6,100.0	0.00	0.00	5,774.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,200.0	0.00	0.00	5,874.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,300.0	0.00	0.00	5,974.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,074.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,174.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,600.0	0.00	0.00	6,274.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,374.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,474.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,900.0	0.00	0.00	6,574.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
6,913.9	0.00	0.00	6,588.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00

ConocoPhillips or its affiliates
Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #98M
Company:	ConocoPhillips SJBU	TVD Reference:	HP 282 KB @ 6336.0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	HP 282 KB @ 6336.0ft (H&P 282)
Site:	San Juan 30' Wells	North Reference:	True
Well:	SJ 30-6 #98M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #2		

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)
Upper Gallup									
7,000.0	0.00	0.00	6,674.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,774.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,200.0	0.00	0.00	6,874.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,300.0	0.00	0.00	6,974.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,400.0	0.00	0.00	7,074.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,500.0	0.00	0.00	7,174.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,274.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,374.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,729.9	0.00	0.00	7,404.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Greenhorn									
7,782.9	0.00	0.00	7,457.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Graneros									
7,800.0	0.00	0.00	7,474.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,853.9	0.00	0.00	7,528.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Two Wells									
7,900.0	0.00	0.00	7,574.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
7,933.9	0.00	0.00	7,608.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Upper Cubero									
7,964.9	0.00	0.00	7,639.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Lower Cubero									
8,000.0	0.00	0.00	7,674.1	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
8,036.9	0.00	0.00	7,711.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Encinal									
8,066.9	0.00	0.00	7,741.0	-1,087.8	633.5	1,258.8	0.00	0.00	0.00
Total Depth - Prod - SJ 30-6 #98M Rev1.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 30-6 #98M ACP	- plan hits target center - Circle (radius 100.0)	0.00	0.00	3,200.0	-1,087.8	633.5	2,099,154.42	582,578.99	36° 46' 7.010 N 107° 33' 5.024 W
SJ 30-6 #98M Rev1 PCF	- plan hits target center - Circle (radius 100.0)	0.00	0.00	7,741.0	-1,087.8	633.5	2,099,154.43	582,578.99	36° 46' 7.010 N 107° 33' 5.024 W
SJ 30-6 #98M Rev1 ICP	- plan hits target center - Circle (radius 100.0)	0.00	0.00	3,434.0	-1,087.8	633.5	2,099,154.43	582,578.99	36° 46' 7.010 N 107° 33' 5.024 W

ConocoPhillips or its affiliates
Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 30-6 #98M
Company:	ConocoPhillips SJB	TVD Reference:	HP 282 KB @ 6336.0ft (H&P 282)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	HP 282 KB @ 6336.0ft (H&P 282)
Site:	San Juan 30 Wells	North Reference:	True
Well:	SJ 30-6 #98M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #2		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
8,066.9	7,741.0	Prod	4-1/2	6-1/4	
200.0	200.0	Surf	9-5/8	12-1/4	
3,759.9	3,434.0	Int	7	8-3/4	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,665.0	2,390.0	Kirtland		0.00		
5,305.9	4,980.0	Mass. Cliffhouse		0.00		
8,036.9	7,711.0	Encinal		0.00		
7,853.9	7,528.0	Two Wells		0.00		
5,393.9	5,068.0	Menefee		0.00		
7,933.9	7,608.0	Upper Cubero		0.00		
3,080.8	2,762.0	Fruitland		0.00		
7,782.9	7,457.0	Graneros		0.00		
6,913.9	6,588.0	Upper Gallup		0.00		
3,517.9	3,192.0	Pictured Cliffs		0.00		
4,553.9	4,228.0	Chacra		0.00		
8,066.9	7,741.0	Total Depth		0.00		
7,729.9	7,404.0	Greenhorn		0.00		
7,964.9	7,639.0	Lower Cubero		0.00		
2,750.6	2,462.0	Stage Tool		0.00		
979.0	966.0	Nacimiento		0.00		
2,542.9	2,289.0	Ojo Alamo		0.00		
5,727.9	5,402.0	Point Lookout		0.00		
3,659.9	3,334.0	Lewis		0.00		
6,081.9	5,756.0	Mancos		0.00		
4,259.9	3,934.0	Huerfanto Bentonite		0.00		

REFERENCE INFORMATION

HP 282 KB @ 6336.0ft (H&P 282)
Ground Elevation 6320.0
Reference Lat: 36° 46' 17.766 N
Reference Long: 107° 33' 12.810 W

Project: San Juan Basin - New Mexico Wells

Site: San Juan 30 Wells

Well: SJ 30-6 #98M

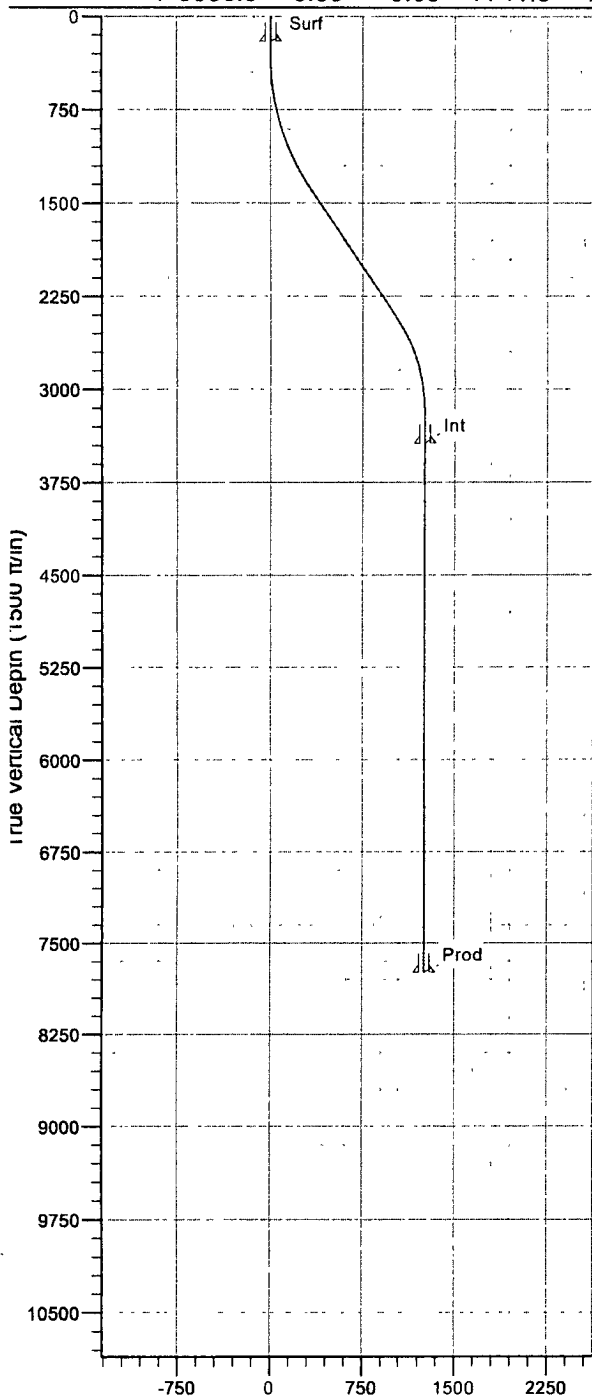
Wellbore: Principal Wellbore

Design: Plan #2



SECTION DETAILS

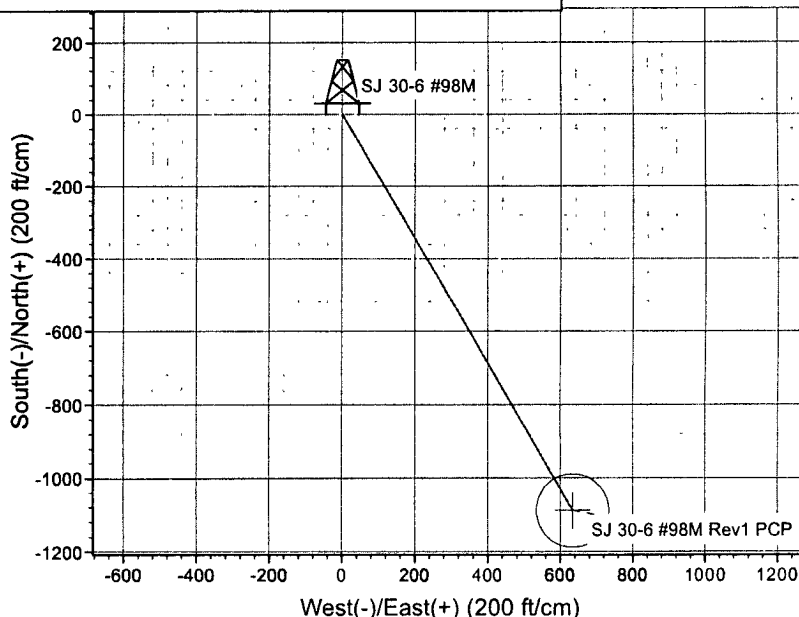
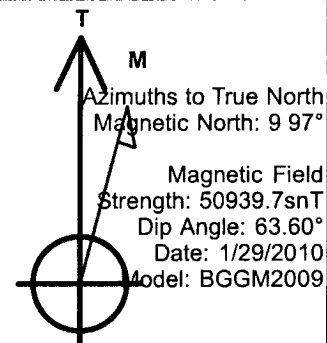
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1460.5	34.21	149.79	1393.9	-285.6	166.3	3.00	149.79	330.5	
4	2670.6	34.21	149.79	2394.6	-873.6	508.8	0.00	0.00	1010.9	
5	3525.9	0.00	0.00	3200.0	-1087.8	633.5	4.00	180.00	1258.8	SJ 30-6 #98M ACP
6	3759.9	0.00	0.00	3434.0	-1087.8	633.5	0.00	0.00	1258.8	SJ 30-6 #98M Rev1 ICP
7	8066.9	0.00	0.00	7741.0	-1087.8	633.5	0.00	0.00	1258.8	SJ 30-6 #98M Rev1 PCP



Vertical Section at 149.79° (1500 ft/in)

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
966.0	979.0	Nacimiento
2289.0	2542.9	Ojo Alamo
2390.0	2665.0	Kirtland
2462.0	2750.6	Stage Tool
2762.0	3080.8	Fruitland
3192.0	3517.9	Pictured Cliffs
3334.0	3659.9	Lewis
3934.0	4259.9	Huerfano Bentonite
4228.0	4553.9	Chacra
4980.0	5305.9	Mass. Cliffhouse
5068.0	5393.9	Menefee
5402.0	5727.9	Point Lookout
5756.0	6081.9	Mancos
6588.0	6913.9	Upper Gallup
7404.0	7729.9	Greenhorn
7457.0	7782.9	Graneros
7528.0	7853.9	Two Wells
7608.0	7933.9	Upper Cubero
7639.0	7964.9	Lower Cubero
7711.0	8036.9	Encinal
7741.0	8066.9	Total Depth



West(-)/East(+) (200 ft/cm)