

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

Form C-103
Jun 19, 2008

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

WELL API NO. 30-045-34776
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-504-16

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☒ Other	7. Lease Name or Unit Agreement Name Allison Unit
2. Name of Operator Burlington Resources Oil Gas Company LP	8. Well Number 6N
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289	9. OGRID Number 14538
4. Well Location Unit Letter N : 995 feet from the South line and 1765 feet from the West line Section 16 Township 32N Range 6W NMPM San Juan County	10. Pool name or Wildcat Blanco MV / Basin DK
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6115' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☒	RCVD AUG 4 '09 OIL CONS. DIV. DIST. 3
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

and M.D to 7908'
Burlington Resources requests permission to decrease the TVD from the approved APD of 7743' to 7640' TVD. This change is requested due to the concern of water in the Encinal. The new project proposal and directional drill plan is attached.

Spud Date: 07/10/2009

Rig Released Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Crystal Tafoya TITLE Regulatory Technician DATE 07/30/2009

Type or print name Crystal Tafoya E-mail address: crystal.tafoya@conocophillips.com PHONE: 505-326-9837

For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, DATE AUG 05 2009
Conditions of Approval (if any): District #3

10

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ALLISON UNIT 6N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7127				AFE \$: 1,976,105.41	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN		API #: 3004534776
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						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.975795	Longitude: -107.466095	X:	Y:	Section: 16		Range: 006W	
Footage X: 1765 FWL	Footage Y: 995 FSL	Elevation: 6115	(FT)	Township: 032N			
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.974985	Longitude: -107.469705	X:	Y:	Section: 16		Range: 006W	
Footage X: 710 FWL	Footage Y: 710 FSL	Elevation:	(FT)	Township: 032N			
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6130 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	5930	☐			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.	
OJO ALAMO	1908	4222	☐				
KIRTLAND	1983	4147	☐				
FRUITLAND	2463	3667	☐			Possible Gas	
PICTURED CLIFFS	2767	3363	☐				
LEWIS	3109	3021	☐				
Intermediate Casing	3800	2330	☐			8-3/4" hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1382 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3825	2305	☐				
CHACRA	4295	1835	☐				
UPPER CLIFF HOUSE	4728	1402	☐			Gas	
MASSIVE CLIFF HOUSE	4980	1150	☐	700		Gas	
MENEFEE	5071	1059	☐				
POINT LOOKOUT	5257	873	☐				
MANCOS	5767	363	☐				
GALLUP	6641	-511	☐				
GREENHORN	7364	-1234	☐				
GRANEROS	7421	-1291	☐				
OAK CANYON	7428	-1298	☐				
PAGUATE	7528	-1398	☐	2500			
CUBERO	7544	-1414	☐			Estimated bottom perf 20' off bottom.	
LOWER CUBERO	7585	-1455	☐			TD about 55' below T/ CBRL	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ALLISON UNIT 6N

DEVELOPMENT

Total Depth	7640	-1510	☐	6-1/4" hole. 4-1/2", 11.6 ppf, J-55/N-80, LTC casing. Cement w/ 549 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	7708	-1578	☐	Do not enter the Encinal.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Allison 6R	SW16-32N-6W
Production	Allison 32 (51A)	NW21-32N-6W

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
Mudlog from 100' above Greenhorn to TD - mudlogger will call TD.	

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



Scientific Drilling
Directional Drilling Operations

RCVD AUG 4 '09
OIL CONS. DIV.

DIST. 3

ConocoPhillips

**SAN JUAN BASIN
SEC 16-T32N-R6W
Allison #6N**

Original Hole

Plan: Plan #2

Standard Planning Report

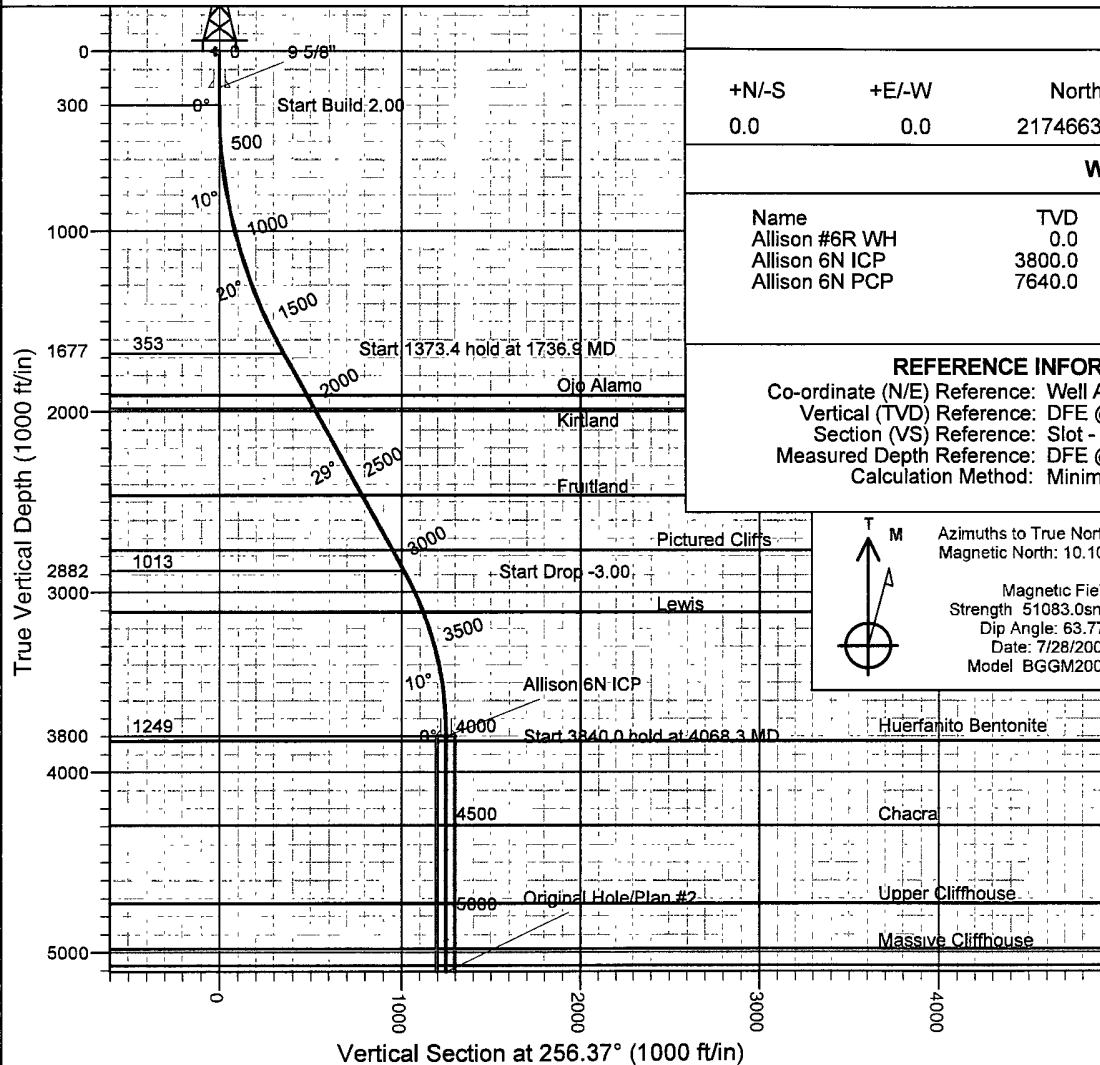
29 July, 2009



ConocoPhillips



Project: SAN JUAN BASIN
Site: SEC 16-T32N-R6W
Well: Allison #6N
Wellbore: Original Hole
Design: Plan #2



WELL DETAILS: Allison #6N

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	2174663.78	607273.87	36° 58' 32.856 N	107° 27' 57.936 W

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Allison #6R WH	0.0	51.1	10.8	36° 58' 33.361 N	107° 27' 57.803 W	Circle (Radius: 5.0)
Allison 6N ICP	3800.0	-294.3	-1213.3	36° 58' 29.946 N	107° 28' 12.888 W	Circle (Radius: 50.0)
Allison 6N PCP	7640.0	-294.3	-1213.3	36° 58' 29.946 N	107° 28' 12.888 W	Point

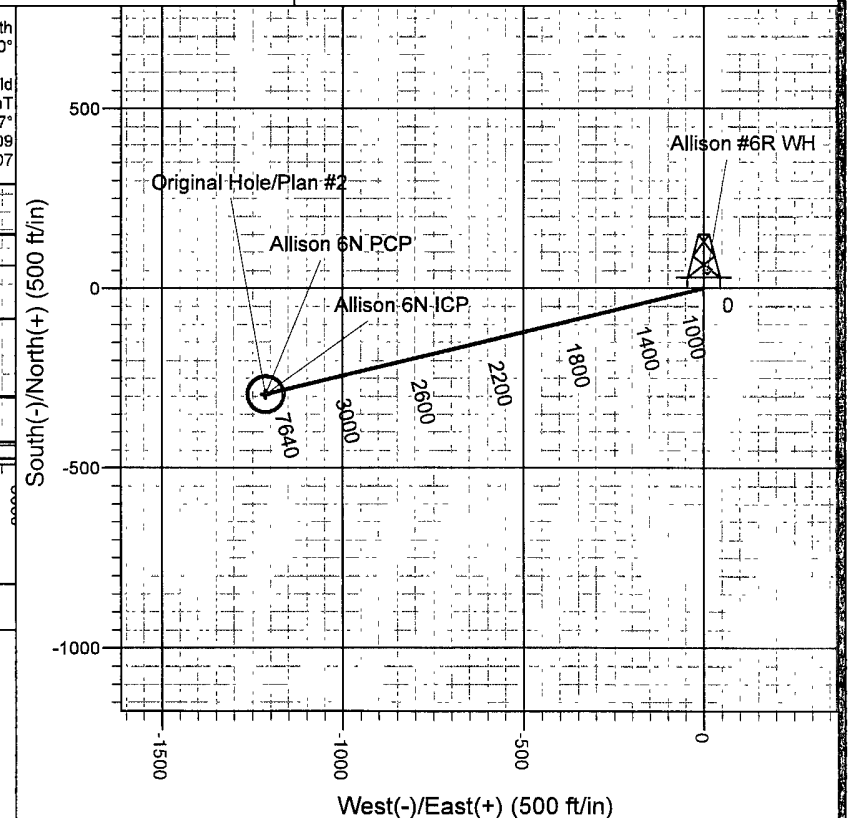
REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Allison #6N, True North
Vertical (TVD) Reference: DFE @ 6130.0ft (AWS 730)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: DFE @ 6130.0ft (AWS 730)
Calculation Method: Minimum Curvature

PROJECT DETAILS: SAN JUAN BASIN
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico West 3003
System Datum: Mean Sea Level



Azimuths to True North
Magnetic North: 10.10°
Magnetic Field
Strength 51083.0snT
Dip Angle: 63.77°
Date: 7/28/2009
Model BGGM2007



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	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	1736.9	28.74	256.37	1677.4	-83.2	-342.9	2.00	256.37	352.9	
4	3110.4	28.74	256.37	2881.7	-238.8	-984.7	0.00	0.00	1013.3	
5	4068.3	0.00	0.00	3800.0	-294.3	-1213.3	3.00	180.00	1248.5	Allison 6N ICP
6	7908.3	0.00	0.00	7640.0	-294.3	-1213.3	0.00	0.00	1248.5	Allison 6N PCP

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well Allison #6N
Company:	ConocoPhillips	TVD Reference:	DFE @ 6130.0ft (AWS 730)
Project:	SAN JUAN BASIN	MD Reference:	DFE @ 6130.0ft (AWS 730)
Site:	SEC 16-T32N-R6W	North Reference:	True
Well:	Allison #6N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #2		

Project:	SAN JUAN BASIN, NEW MEXICO		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site:	SEC 16-T32N-R6W		
Site Position:		Northing:	2,174,663.78 ft
From:	Lat/Long	Easting:	607,273.87 ft
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 58' 32.856 N
		Longitude:	107° 27' 57.936 W
		Grid Convergence:	0.22 °

Well:	Allison #6N S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,174,663.78 ft
	+E/-W	0.0 ft	Easting: 607,273.87 ft
Position Uncertainty	5.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 58' 32.856 N
		Longitude:	107° 27' 57.936 W
		Ground Level:	6,115.0 ft

Wellbore:	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2007	7/28/2009	10.10	63.77	51,083

Design:	Plan #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	256.37

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	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,736.9	28.74	256.37	1,677.4	-83.2	-342.9	2.00	2.00	0.00	256.37	
3,110.4	28.74	256.37	2,881.7	-238.8	-984.7	0.00	0.00	0.00	0.00	
4,068.3	0.00	0.00	3,800.0	-294.3	-1,213.3	3.00	-3.00	0.00	180.00	Allison 6N ICP
7,908.3	0.00	0.00	7,640.0	-294.3	-1,213.3	0.00	0.00	0.00	0.00	Allison 6N PCP

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well Allison #6N
Company:	ConocoPhillips	TVD Reference:	DFE @ 6130.0ft (AWS 730)
Project:	SAN JUAN BASIN	MD Reference:	DFE @ 6130.0ft (AWS 730)
Site:	SEC-16-T32N-R6W	North Reference:	True
Well:	Allison #6N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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
Allison #6R WH									
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
9 5/8"									
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	2.00	256.37	400.0	-0.4	-1.7	1.7	2.00	2.00	0.00
500.0	4.00	256.37	499.8	-1.6	-6.8	7.0	2.00	2.00	0.00
600.0	6.00	256.37	599.5	-3.7	-15.3	15.7	2.00	2.00	0.00
700.0	8.00	256.37	698.7	-6.6	-27.1	27.9	2.00	2.00	0.00
800.0	10.00	256.37	797.5	-10.3	-42.3	43.5	2.00	2.00	0.00
900.0	12.00	256.37	895.6	-14.8	-60.8	62.6	2.00	2.00	0.00
1,000.0	14.00	256.37	993.1	-20.1	-82.7	85.1	2.00	2.00	0.00
1,100.0	16.00	256.37	1,089.6	-26.2	-107.9	111.0	2.00	2.00	0.00
1,200.0	18.00	256.37	1,185.3	-33.0	-136.3	140.2	2.00	2.00	0.00
1,300.0	20.00	256.37	1,279.8	-40.7	-167.9	172.8	2.00	2.00	0.00
1,400.0	22.00	256.37	1,373.2	-49.2	-202.7	208.6	2.00	2.00	0.00
1,500.0	24.00	256.37	1,465.2	-58.4	-240.7	247.7	2.00	2.00	0.00
1,600.0	26.00	256.37	1,555.8	-68.3	-281.8	289.9	2.00	2.00	0.00
1,700.0	28.00	256.37	1,644.9	-79.0	-325.9	335.3	2.00	2.00	0.00
1,736.9	28.74	256.37	1,677.4	-83.2	-342.9	352.9	2.00	2.00	0.00
1,800.0	28.74	256.37	1,732.7	-90.3	-372.4	383.2	0.00	0.00	0.00
1,900.0	28.74	256.37	1,820.4	-101.7	-419.1	431.3	0.00	0.00	0.00
1,999.9	28.74	256.37	1,908.0	-113.0	-465.8	479.3	0.00	0.00	0.00
Ojo Alamo									
2,000.0	28.74	256.37	1,908.1	-113.0	-465.9	479.4	0.00	0.00	0.00
2,085.4	28.74	256.37	1,983.0	-122.7	-505.8	520.4	0.00	0.00	0.00
Kirtland									
2,100.0	28.74	256.37	1,995.8	-124.3	-512.6	527.4	0.00	0.00	0.00
2,200.0	28.74	256.37	2,083.5	-135.7	-559.3	575.5	0.00	0.00	0.00
2,300.0	28.74	256.37	2,171.1	-147.0	-606.0	623.6	0.00	0.00	0.00
2,400.0	28.74	256.37	2,258.8	-158.3	-652.8	671.7	0.00	0.00	0.00
2,500.0	28.74	256.37	2,346.5	-169.7	-699.5	719.8	0.00	0.00	0.00
2,600.0	28.74	256.37	2,434.2	-181.0	-746.2	767.9	0.00	0.00	0.00
2,632.9	28.74	256.37	2,463.0	-184.7	-761.6	783.7	0.00	0.00	0.00
Fruitland									
2,700.0	28.74	256.37	2,521.9	-192.3	-792.9	815.9	0.00	0.00	0.00
2,800.0	28.74	256.37	2,609.6	-203.7	-839.7	864.0	0.00	0.00	0.00
2,900.0	28.74	256.37	2,697.2	-215.0	-886.4	912.1	0.00	0.00	0.00
2,979.6	28.74	256.37	2,767.0	-224.0	-923.6	950.4	0.00	0.00	0.00
Pictured Cliffs									
3,000.0	28.74	256.37	2,784.9	-226.3	-933.1	960.2	0.00	0.00	0.00
3,100.0	28.74	256.37	2,872.6	-237.7	-979.9	1,008.3	0.00	0.00	0.00
3,110.4	28.74	256.37	2,881.7	-238.8	-984.7	1,013.3	0.00	0.00	0.00
3,200.0	26.05	256.37	2,961.3	-248.5	-1,024.8	1,054.5	3.00	-3.00	0.00
3,300.0	23.05	256.37	3,052.2	-258.3	-1,065.2	1,096.0	3.00	-3.00	0.00
3,361.3	21.21	256.37	3,109.0	-263.8	-1,087.6	1,119.1	3.00	-3.00	0.00
Lewis									
3,400.0	20.05	256.37	3,145.2	-267.0	-1,100.8	1,132.8	3.00	-3.00	0.00
3,500.0	17.05	256.37	3,240.0	-274.5	-1,131.8	1,164.6	3.00	-3.00	0.00
3,600.0	14.05	256.37	3,336.3	-280.8	-1,157.8	1,191.4	3.00	-3.00	0.00
3,700.0	11.05	256.37	3,433.9	-285.9	-1,178.9	1,213.1	3.00	-3.00	0.00
3,800.0	8.05	256.37	3,532.5	-289.8	-1,195.0	1,229.7	3.00	-3.00	0.00

Database:	EDM 2003.21 Single User-Db	Local Co-ordinate Reference:	Well Allison #6N
Company:	ConocoPhillips	TVD Reference:	DFE @ 6130.0ft (AWS 730)
Project:	SAN JUAN BASIN	MD Reference:	DFE @ 6130.0ft (AWS 730)
Site:	SEC 16-T32N-R6W	North Reference:	True
Well:	Allison #6N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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)	
3,900.0	5.05	256.37	3,631.9	-292.5	-1,206.1	1,241.1	3.00	-3.00	0.00	
4,000.0	2.05	256.37	3,731.7	-294.0	-1,212.1	1,247.3	3.00	-3.00	0.00	
4,068.3	0.00	0.00	3,800.0	-294.3	-1,213.3	1,248.5	3.00	-3.00	0.00	
7" - Allison 6N ICP										
4,093.3	0.00	0.00	3,825.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Huerfano Bentonite										
4,100.0	0.00	0.00	3,831.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,200.0	0.00	0.00	3,931.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,300.0	0.00	0.00	4,031.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,131.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,231.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,563.3	0.00	0.00	4,295.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Chacra										
4,600.0	0.00	0.00	4,331.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,431.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,531.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,631.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
4,996.3	0.00	0.00	4,728.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Upper Cliffhouse										
5,000.0	0.00	0.00	4,731.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,100.0	0.00	0.00	4,831.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,200.0	0.00	0.00	4,931.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,248.3	0.00	0.00	4,980.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Massive Cliffhouse										
5,300.0	0.00	0.00	5,031.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,339.3	0.00	0.00	5,071.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Menefee										
5,400.0	0.00	0.00	5,131.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,231.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,525.3	0.00	0.00	5,257.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Point Lookout										
5,600.0	0.00	0.00	5,331.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,431.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,531.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,631.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,731.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,035.3	0.00	0.00	5,767.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Mancos										
6,100.0	0.00	0.00	5,831.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,200.0	0.00	0.00	5,931.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,031.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,131.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,231.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,331.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,431.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,531.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,631.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
6,909.3	0.00	0.00	6,641.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Gallup										
7,000.0	0.00	0.00	6,731.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
7,100.0	0.00	0.00	6,831.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
7,200.0	0.00	0.00	6,931.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,031.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well Allison #6N
Company:	ConocoPhillips	TVD Reference:	DFE @ 6130.0ft (AWS 730)
Project:	SAN JUAN BASIN	MD Reference:	DFE @ 6130.0ft (AWS 730)
Site:	SEC 16-T32N-R6W	North Reference:	True
Well:	Allison #6N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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)	
7,400.0	0.00	0.00	7,131.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,231.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,331.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
7,632.3	0.00	0.00	7,364.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Greenhorn										
7,689.3	0.00	0.00	7,421.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Graneros										
7,696.3	0.00	0.00	7,428.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Oak Canyon										
7,700.0	0.00	0.00	7,431.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
7,796.3	0.00	0.00	7,528.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Paguate										
7,800.0	0.00	0.00	7,531.7	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
7,812.3	0.00	0.00	7,544.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Cubero										
7,853.3	0.00	0.00	7,585.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Lower Cubero										
7,908.3	0.00	0.00	7,640.0	-294.3	-1,213.3	1,248.5	0.00	0.00	0.00	
Allison 6N PCP										

Design 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										
Allison #6R WH	0.00	0.00	0.0	51.1	10.8	2,174,714.90	607,284.43	36° 58' 33.361 N	107° 27' 57.803 W	
- plan misses target center by 52.2ft at 0.0ft MD (0.0 TVD, 0.0 N, 0.0 E)										
- Circle (radius 5.0)										
Allison 6N ICP	0.00	0.00	3,800.0	-294.3	-1,213.3	2,174,364.85	606,061.76	36° 58' 29.946 N	107° 28' 12.888 W	
- plan hits target center										
- Circle (radius 50.0)										
Allison 6N PCP	0.00	0.00	7,640.0	-294.3	-1,213.3	2,174,364.85	606,061.76	36° 58' 29.946 N	107° 28' 12.888 W	
- plan hits target center										
- Point										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
200.0	200.0	9 5/8"	9-5/8	12-1/4		
4,068.3	3,800.0	7"	7	8-3/4		

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well Allison #6N
Company:	ConocoPhillips	TVD Reference:	DFE @ 6130.0ft (AWS 730)
Project:	SAN JUAN BASIN	MD Reference:	DFE @ 6130.0ft (AWS 730)
Site:	SEC 16-T32N-R6W	North Reference:	True
Well:	Allison #6N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #2		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,999.9	1,908.0	Ojo Alamo		0.00		
2,085.4	1,983.0	Kirtland		0.00		
2,632.9	2,463.0	Fruitland		0.00		
2,979.6	2,767.0	Pictured Cliffs		0.00		
3,361.3	3,109.0	Lewis		0.00		
4,093.3	3,825.0	Huerfano Bentonite		0.00		
4,563.3	4,295.0	Chacra		0.00		
4,996.3	4,728.0	Upper Cliffhouse		0.00		
5,248.3	4,980.0	Massive Cliffhouse		0.00		
5,339.3	5,071.0	Menefee		0.00		
5,525.3	5,257.0	Point Lookout		0.00		
6,035.3	5,767.0	Mancos		0.00		
6,909.3	6,641.0	Gallup		0.00		
7,632.3	7,364.0	Greenhorn		0.00		
7,689.3	7,421.0	Graneros		0.00		
7,696.3	7,428.0	Oak Canyon		0.00		
7,796.3	7,528.0	Paguate		0.00		
7,812.3	7,544.0	Cubero		0.00		
7,853.3	7,585.0	Lower Cubero		0.00		
	7,708.0	Encinal		0.00		