

REFERENCE INFORMATION

RKB @ 5827.0usft (Original Well Elev)
Ground Elevation 5812.0
Reference Lat: 36° 51' 23.438 N
Reference Long: 107° 59' 50.342 W

Project: San Juan Basin - New Mexico West W
Site: Other Named Wells
Well: Heaton 1B
Wellbore: Wellbore #1
Design: APD plan

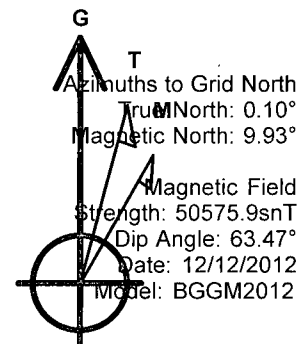


SECTION DETAILS

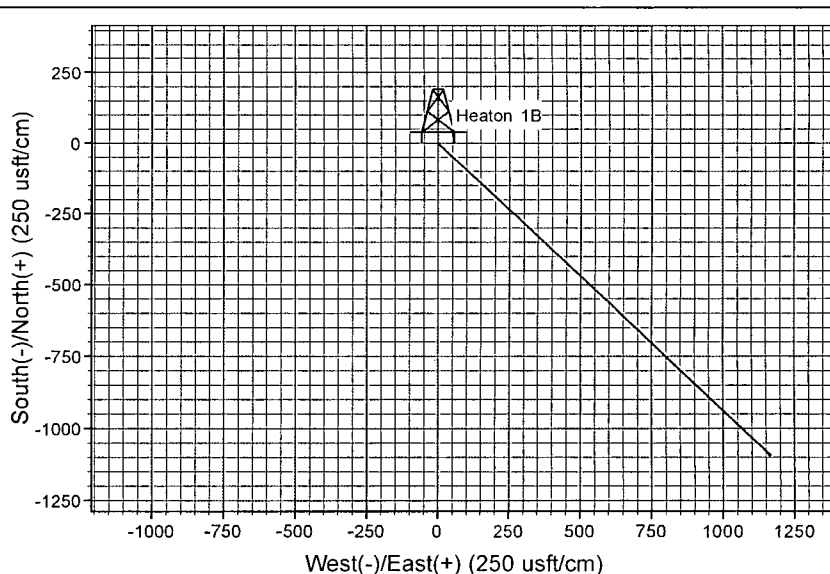
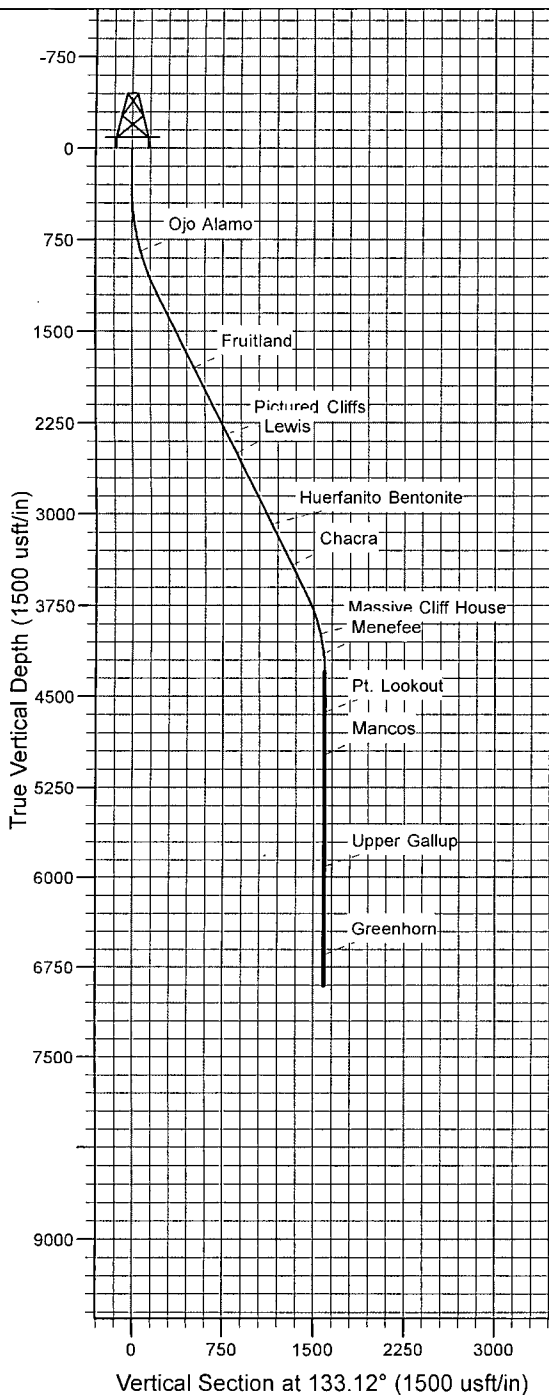
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1205.5	26.56	133.12	1174.1	-137.8	147.2	3.00	133.12	201.6	
4	3980.8	26.56	133.12	3656.4	-986.1	1053.1	0.00	0.00	1442.7	
5	4644.9	0.00	0.00	4297.0	-1089.5	1163.5	4.00	180.00	1593.9	Heaton 1B ICP
6	7253.9	0.00	0.00	6906.0	-1089.5	1163.5	0.00	0.00	1593.9	Heaton 1B PCP

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
843.0	849.8	Ojo Alamo
930.0	940.9	Kirtland
1798.0	1903.0	Fruitland
2339.0	2507.9	Pictured Cliffs
2496.0	2683.4	Lewis
3081.0	3337.4	Huerfano Ben
3419.0	3715.3	Chacra
3981.0	4326.3	Massive Cliff H
4147.0	4494.6	Menefee
4631.0	4978.9	Pt. Lookout
4982.0	5329.9	Mancos
5908.0	6255.9	Upper Gallup
6647.0	6994.9	Greenhorn
6706.0	7053.9	Graneros
6760.0	7107.9	Two Wells
6837.0	7184.9	Paguate
6876.0	7223.9	Upper Cubero



RCVD FEB 7 '13
OIL CONS. DIV.
DIST. 3



30-045 35457 online

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HEATON 1B

30-045-35457

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9096				AFE \$: 0.00	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN		API #:
Geologist:	Phone:	Geophysicist:		Phone:			
Geoscientist:	Phone:	Prod. Engineer:		Phone:			
Res. Engineer:	Phone:	Proj. Field Lead:		Phone:			
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
RCVD FEB 4 '13 OIL CONS. DIV. DIST. 3							
Location: Surface		Datum Code: NAD 27				Directional	
Latitude: 36.856511	Longitude: -107.997317	X:	Y:	Section: 33	Range: 011W		
Footage X: 2094 FWL	Footage Y: 2262 FNL	Elevation: 5812	(FT)	Township: 031N			
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Directional	
Latitude: 36.853524	Longitude: -107.993335	X:	Y:	Section: 33	Range: 011W		
Footage X: 1930 FEL	Footage Y: 1930 FSL	Elevation:	(FT)	Township: 031N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2013		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5827 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5627		☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	843	4984		☐			
KIRTLAND	930	4897		☐			
FRUITLAND	1798	4029		☐			Possible Gas
PICTURED CLIFFS	2339	3488		☐	107		
LEWIS	2496	3331		☐			
HUERFANITO BENTONITE	3081	2746		☐			
CHACRA	3419	2408		☐			
MASSIVE CLIFF HOUSE	3981	1846		☐	608		Gas
MENEFEE	4147	1680		☐			Est. Top Perf - 4347 (1480)
Intermediate Casing	4297	1530		☐		146	8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 956 cuft. Circulate cement to surface.
POINT LOOKOUT	4631	1196		☐			
MANCOS	4982	845		☐			
UPPER GALLUP	5908	-81		☐			
GREENHORN	6647	-820		☐			
GRANEROS	6706	-879		☐			
TWO WELLS	6760	-933		☐	2448		Gas; Est. Btm Perf - 6866 (- 1039) based on offset wells
PAGUATE	6837	-1010		☐			Estimated bottom perf is 30' below top of Paguate - will only complete Two Wells and Paguate.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HEATON 1B

DEVELOPMENT

UPPER CUBERO	6876	-1049	☐		TD is 30' below top of Cubero - 3 of 4 offsets only completed same interval - 4th well attempted Encinal & sqzd - best sand in Cubero has minimal distance to Encinal.
Total Depth	6906	-1079	☐	199	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 360 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
Production	Heaton Com B 3	31N 11W 33 NE SW NW
Production	Myra Cummins #1	SW33 31-11
Production	Heaton Com LS 9A	31N 11W 32 SW NE SE
Production	Heaton Com B 3E	NE33 31-11

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 GLLP to TD - mudlogger will call 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 West Wells

Other Named Wells

Heaton 1B

Wellbore #1

Plan: APD plan

Standard Planning Report

12 December, 2012

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Heaton 1B
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 5827.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 5827.0usft (Original Well Elev)
Site:	Other Named Wells	North Reference:	Grid
Well:	Heaton 1B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD plan		

Project	San Juan Basin - New Mexico West Wells, New Mexico, Directional "S"		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site		Other Named Wells			
Site Position:		Northing:	2,108,178.26 usft	Latitude:	36° 47' 33.793 N
From:	Lat/Long	Easting:	643,887.63 usft	Longitude:	107° 20' 30.932 W
Position Uncertainty:	15.0 usft	Slot Radius:	6-1/8"	Grid Convergence:	0.29 °

Well	Heaton 1B					
Well Position	+N/-S	0.0 usft	Northing:	2,131,072.68 usft	Latitude:	36° 51' 23.438 N
	+E/-W	0.0 usft	Easting:	452,024.36 usft	Longitude:	107° 59' 50.342 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	5,812.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	12/12/2012	9.83	63.47	50,576

Design	APD plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	133.12

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	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	
1,205.5	26.56	133.12	1,174.1	-137.8	147.2	3.00	3.00	0.00	133.12	
3,980.8	26.56	133.12	3,656.4	-986.1	1,053.1	0.00	0.00	0.00	0.00	
4,644.9	0.00	0.00	4,297.0	-1,089.5	1,163.5	4.00	-4.00	0.00	180.00	Heaton 1B ICP
7,253.9	0.00	0.00	6,906.0	-1,089.5	1,163.5	0.00	0.00	0.00	0.00	Heaton 1B PCP

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Heaton 1B
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 5827.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 5827.0usft (Original Well Elev)
Site:	Other Named Wells	North Reference:	Grid
Well:	Heaton 1B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD plan		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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
400.0	2.40	133.12	400.0	-1.1	1.2	1.7	3.00	3.00	0.00
500.0	5.40	133.12	499.7	-5.8	6.2	8.5	3.00	3.00	0.00
600.0	8.40	133.12	599.0	-14.0	15.0	20.5	3.00	3.00	0.00
700.0	11.40	133.12	697.5	-25.8	27.5	37.7	3.00	3.00	0.00
800.0	14.40	133.12	795.0	-41.0	43.8	60.0	3.00	3.00	0.00
849.8	15.89	133.12	843.0	-49.9	53.3	73.0	3.00	3.00	0.00
Ojo Alamo									
900.0	17.40	133.12	891.1	-59.7	63.8	87.4	3.00	3.00	0.00
940.9	18.63	133.12	930.0	-68.4	73.0	100.0	3.00	3.00	0.00
Kirtland									
1,000.0	20.40	133.12	985.7	-81.9	87.4	119.8	3.00	3.00	0.00
1,100.0	23.40	133.12	1,078.5	-107.4	114.7	157.1	3.00	3.00	0.00
1,200.0	26.40	133.12	1,169.2	-136.1	145.4	199.2	3.00	3.00	0.00
1,205.5	26.56	133.12	1,174.1	-137.8	147.2	201.6	3.00	3.00	0.00
1,300.0	26.56	133.12	1,258.6	-166.7	178.0	243.9	0.00	0.00	0.00
1,400.0	26.56	133.12	1,348.1	-197.3	210.7	288.6	0.00	0.00	0.00
1,500.0	26.56	133.12	1,437.5	-227.8	243.3	333.3	0.00	0.00	0.00
1,600.0	26.56	133.12	1,527.0	-258.4	276.0	378.0	0.00	0.00	0.00
1,700.0	26.56	133.12	1,616.4	-289.0	308.6	422.8	0.00	0.00	0.00
1,800.0	26.56	133.12	1,705.9	-319.5	341.2	467.5	0.00	0.00	0.00
1,900.0	26.56	133.12	1,795.3	-350.1	373.9	512.2	0.00	0.00	0.00
1,903.0	26.56	133.12	1,798.0	-351.0	374.9	513.6	0.00	0.00	0.00
Fruitland									
2,000.0	26.56	133.12	1,884.7	-380.7	406.5	556.9	0.00	0.00	0.00
2,100.0	26.56	133.12	1,974.2	-411.2	439.2	601.6	0.00	0.00	0.00
2,200.0	26.56	133.12	2,063.6	-441.8	471.8	646.4	0.00	0.00	0.00
2,300.0	26.56	133.12	2,153.1	-472.4	504.5	691.1	0.00	0.00	0.00
2,400.0	26.56	133.12	2,242.5	-502.9	537.1	735.8	0.00	0.00	0.00
2,500.0	26.56	133.12	2,332.0	-533.5	569.7	780.5	0.00	0.00	0.00
2,507.9	26.56	133.12	2,339.0	-535.9	572.3	784.0	0.00	0.00	0.00
Pictured Cliffs									
2,600.0	26.56	133.12	2,421.4	-564.1	602.4	825.2	0.00	0.00	0.00
2,683.4	26.56	133.12	2,496.0	-589.6	629.6	862.5	0.00	0.00	0.00
Lewis									
2,700.0	26.56	133.12	2,510.8	-594.6	635.0	870.0	0.00	0.00	0.00
2,800.0	26.56	133.12	2,600.3	-625.2	667.7	914.7	0.00	0.00	0.00
2,900.0	26.56	133.12	2,689.7	-655.8	700.3	959.4	0.00	0.00	0.00
3,000.0	26.56	133.12	2,779.2	-686.3	733.0	1,004.1	0.00	0.00	0.00
3,100.0	26.56	133.12	2,868.6	-716.9	765.6	1,048.8	0.00	0.00	0.00
3,200.0	26.56	133.12	2,958.1	-747.5	798.2	1,093.6	0.00	0.00	0.00
3,300.0	26.56	133.12	3,047.5	-778.0	830.9	1,138.3	0.00	0.00	0.00
3,337.4	26.56	133.12	3,081.0	-789.5	843.1	1,155.0	0.00	0.00	0.00
Huerfano Bentonite									
3,400.0	26.56	133.12	3,137.0	-808.6	863.5	1,183.0	0.00	0.00	0.00
3,500.0	26.56	133.12	3,226.4	-839.2	896.2	1,227.7	0.00	0.00	0.00
3,600.0	26.56	133.12	3,315.8	-869.7	928.8	1,272.4	0.00	0.00	0.00
3,700.0	26.56	133.12	3,405.3	-900.3	961.5	1,317.2	0.00	0.00	0.00
3,715.3	26.56	133.12	3,419.0	-905.0	966.5	1,324.0	0.00	0.00	0.00

ConocoPhillips Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Heaton 1B
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 5827.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 5827.0usft (Original Well Elev)
Site:	Other Named Wells	North Reference:	Grid
Well:	Heaton 1B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD plan		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Chacra									
3,800.0	26.56	133.12	3,494.7	-930.9	994.1	1,361.9	0.00	0.00	0.00
3,900.0	26.56	133.12	3,584.2	-961.4	1,026.7	1,406.6	0.00	0.00	0.00
3,980.8	26.56	133.12	3,656.4	-986.1	1,053.1	1,442.7	0.00	0.00	0.00
4,000.0	25.80	133.12	3,673.7	-991.9	1,059.3	1,451.2	4.00	-4.00	0.00
4,100.0	21.80	133.12	3,765.2	-1,019.5	1,088.7	1,491.5	4.00	-4.00	0.00
4,200.0	17.80	133.12	3,859.2	-1,042.6	1,113.5	1,525.4	4.00	-4.00	0.00
4,300.0	13.80	133.12	3,955.4	-1,061.2	1,133.3	1,552.6	4.00	-4.00	0.00
4,326.3	12.74	133.12	3,981.0	-1,065.3	1,137.7	1,558.6	4.00	-4.00	0.00
Massive Cliff House									
4,400.0	9.80	133.12	4,053.3	-1,075.2	1,148.2	1,573.1	4.00	-4.00	0.00
4,494.6	6.01	133.12	4,147.0	-1,084.1	1,157.7	1,586.1	4.00	-4.00	0.00
Menefee									
4,500.0	5.80	133.12	4,152.4	-1,084.5	1,158.1	1,586.6	4.00	-4.00	0.00
4,600.0	1.80	133.12	4,252.1	-1,089.0	1,163.0	1,593.2	4.00	-4.00	0.00
4,644.9	0.00	0.00	4,297.0	-1,089.5	1,163.5	1,593.9	4.00	-4.00	0.00
4,700.0	0.00	0.00	4,352.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
4,800.0	0.00	0.00	4,452.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
4,900.0	0.00	0.00	4,552.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
4,978.9	0.00	0.00	4,631.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
Pt. Lookout									
5,000.0	0.00	0.00	4,652.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,100.0	0.00	0.00	4,752.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,200.0	0.00	0.00	4,852.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,300.0	0.00	0.00	4,952.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,329.9	0.00	0.00	4,982.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
Mancos									
5,400.0	0.00	0.00	5,052.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,500.0	0.00	0.00	5,152.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,600.0	0.00	0.00	5,252.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,700.0	0.00	0.00	5,352.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,800.0	0.00	0.00	5,452.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
5,900.0	0.00	0.00	5,552.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,000.0	0.00	0.00	5,652.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,100.0	0.00	0.00	5,752.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,200.0	0.00	0.00	5,852.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,255.9	0.00	0.00	5,908.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
Upper Gallup									
6,300.0	0.00	0.00	5,952.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,400.0	0.00	0.00	6,052.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,500.0	0.00	0.00	6,152.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,600.0	0.00	0.00	6,252.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,700.0	0.00	0.00	6,352.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,800.0	0.00	0.00	6,452.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,900.0	0.00	0.00	6,552.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
6,994.9	0.00	0.00	6,647.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
Greenhorn									
7,000.0	0.00	0.00	6,652.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
7,053.9	0.00	0.00	6,706.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
Graneros									
7,100.0	0.00	0.00	6,752.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00
7,107.9	0.00	0.00	6,760.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Heaton 1B
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 5827.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 5827.0usft (Original Well Elev)
Site:	Other Named Wells	North Reference:	Grid
Well:	Heaton 1B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	APD plan		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
Two Wells										
7,184.9	0.00	0.00	6,837.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00	
Paguate										
7,200.0	0.00	0.00	6,852.1	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00	
7,223.9	0.00	0.00	6,876.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00	
Upper Cubero										
7,253.9	0.00	0.00	6,906.0	-1,089.5	1,163.5	1,593.9	0.00	0.00	0.00	

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
Heaton 1B ICP	0.00	0.00	4,297.0	-1,089.5	1,163.5	2,129,983.30	453,187.76	36° 51' 12.685 N	107° 59' 36.004 W	
- plan hits target center										
- Point										
Heaton 1B PCP	0.00	0.00	6,906.0	-1,089.5	1,163.5	2,129,983.30	453,187.76	36° 51' 12.685 N	107° 59' 36.004 W	
- plan hits target center										
- Point										

Formations							
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)		
3,715.3	3,419.0	Chacra					
6,255.9	5,908.0	Upper Gallup					
3,337.4	3,081.0	Huerfanito Bentonite					
4,978.9	4,631.0	Pt. Lookout					
1,903.0	1,798.0	Fruitland					
2,683.4	2,496.0	Lewis					
7,184.9	6,837.0	Paguate					
2,507.9	2,339.0	Pictured Cliffs					
6,994.9	6,647.0	Greenhorn					
940.9	930.0	Kirtland					
7,053.9	6,706.0	Graneros					
5,329.9	4,982.0	Mancos					
7,107.9	6,760.0	Two Wells					
4,326.3	3,981.0	Massive Cliff House					
7,223.9	6,876.0	Upper Cubero					
4,494.6	4,147.0	Menefee					
849.8	843.0	Ojo Alamo					