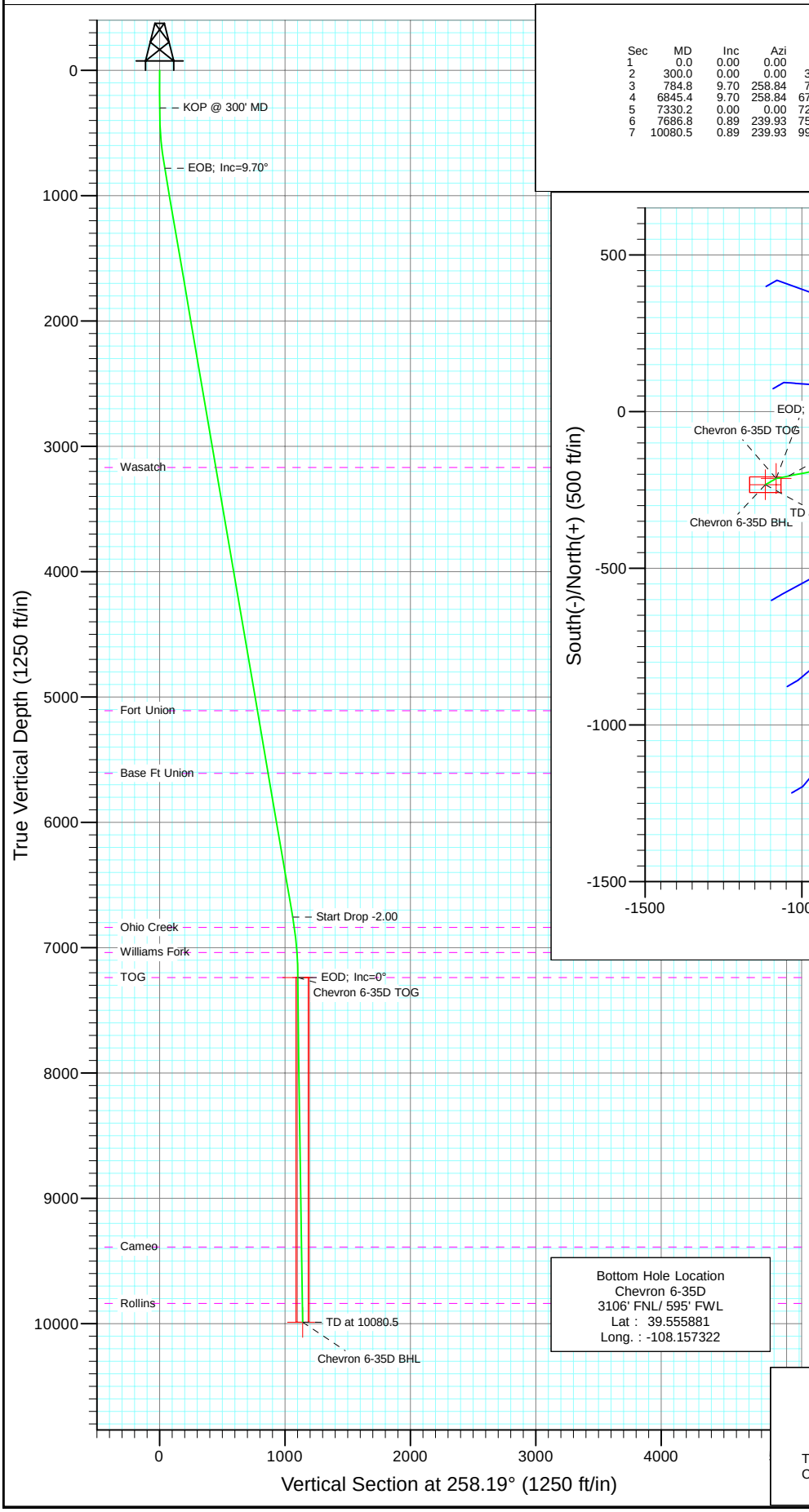
Berry Petroleum Company

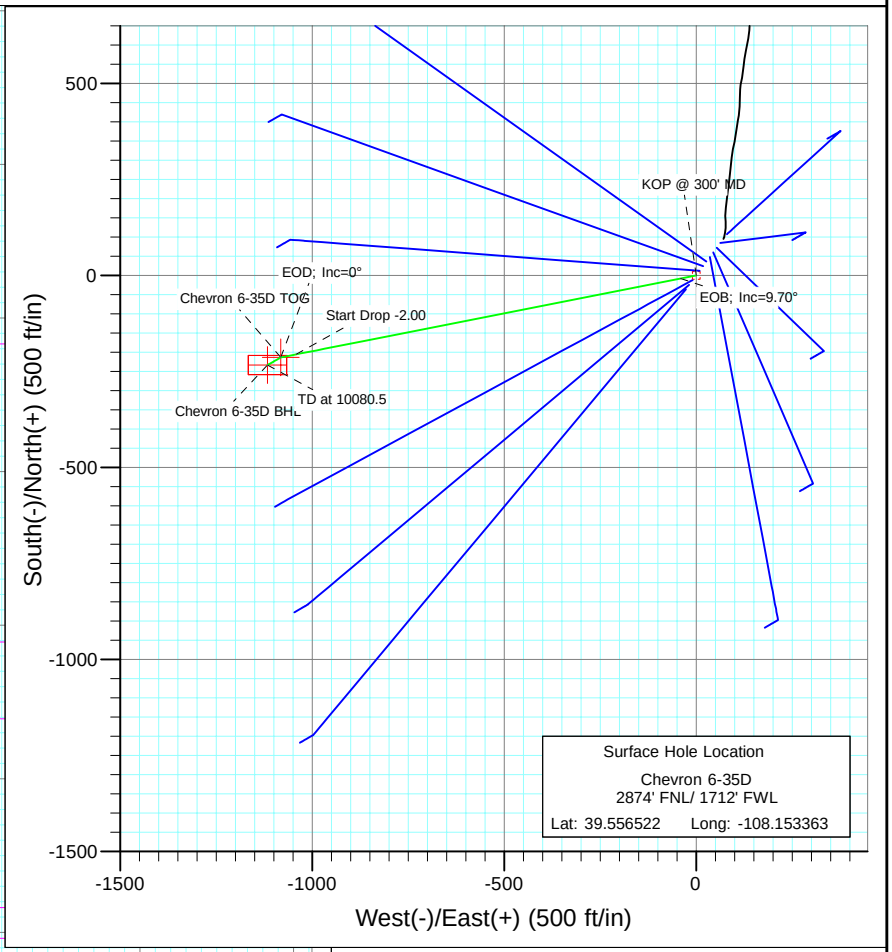
Project: Garfield County
Site: Sec 6 T6S R96W (F06 696)
Well: Chevron 6-35D
Wellbore: DD
Design: Plan #2

CATHEDRAL

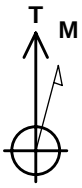
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	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	784.8	9.70	258.84	782.5	-7.9	-40.1	2.00	258.84	40.9	
4	6845.4	9.70	258.84	6756.5	-205.5	-1041.5	0.00	0.00	1061.5	
5	7330.2	0.00	0.00	7239.0	-213.4	-1081.7	2.00	180.00	1102.4	Chevron 6-35D TOG
6	7686.8	0.89	239.93	7595.6	-214.8	-1084.1	0.25	239.93	1105.1	
7	10080.5	0.89	239.93	9989.0	-233.4	-1116.3	0.00	0.00	1140.4	Chevron 6-35D BHL





Bottom Hole Location
Chevron 6-35D
3106' FNL/ 595' FWL
Lat : 39.555881
Long. : -108.157322



Azimuths to True North
Magnetic North: 10.61°

Magnetic Field
Strength: 52426.9snT
Dip Angle: 65.81°
Date: 12/2/2009
Model: IGRF200510

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3169.0	3205.9	Wasatch
5109.0	5174.0	Fort Union
5609.0	5681.2	Base Ft Union
6839.0	6928.9	Ohio Creek
7039.0	7130.0	Williams Fork
7239.0	7330.2	TOG
9389.0	9480.4	Cameo
9839.0	9930.5	Rollins

DESIGN DETAILS: Plan #2

95XXX; BH
KBE @ 8244.0ft (Original Well Elev)

Target	Azimuth	Origin	N/S	E/W	From TVD
Chevron 6-35D BHL	258.19	Slot	0.0	0.0	0.0

Cathedral Energy Services

Planning Report

Database:	EDM 5000.1 US Multi Users DB	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Company:	Berry Petroleum Company (NAD 83)	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Project:	Garfield County	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site:	Sec 6 T6S R96W (F06 696)	**North Reference:**	True
Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
Design:	Plan #2		

Project Garfield County

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site Sec 6 T6S R96W (F06 696)

Site Position:		**Northing:**	1,638,592.01 ft	**Latitude:**	39.556729
From:	Lat/Long	**Easting:**	2,252,075.57 ft	**Longitude:**	-108.153012
Position Uncertainty:	0.0 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	-1.67 °

Well Chevron 6-35D

Well Position	**+N/-S**	0.0 ft	**Northing:**	1,638,519.52 ft	**Latitude:**	39.556522
	+E/-W	0.0 ft	**Easting:**	2,251,974.44 ft	**Longitude:**	-108.153363
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	8,222.0 ft

Wellbore DD

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/2/2009	10.60	65.81	52,427

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	258.19

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	
784.8	9.70	258.84	782.5	-7.9	-40.1	2.00	2.00	0.00	258.84	
6,845.4	9.70	258.84	6,756.5	-205.5	-1,041.5	0.00	0.00	0.00	0.00	
7,330.2	0.00	0.00	7,239.0	-213.4	-1,081.7	2.00	-2.00	0.00	180.00	Chevron 6-35D TOG
7,686.8	0.89	239.93	7,595.6	-214.8	-1,084.1	0.25	0.25	-33.67	239.93	
10,080.5	0.89	239.93	9,989.0	-233.4	-1,116.3	0.00	0.00	0.00	0.00	Chevron 6-35D BHL

Database:	EDM 5000.1 US Multi Users DB	**Local Co-ordinate Reference:**	Well Chevron 6-35D
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Project:	Garfield County	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site:	Sec 6 T6S R96W (F06 696)	**North Reference:**	True
Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
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)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
30.0	0.00	0.00	30.0	0.0	0.0	0.0	0.00	0.00	
60.0	0.00	0.00	60.0	0.0	0.0	0.0	0.00	0.00	
90.0	0.00	0.00	90.0	0.0	0.0	0.0	0.00	0.00	
120.0	0.00	0.00	120.0	0.0	0.0	0.0	0.00	0.00	
150.0	0.00	0.00	150.0	0.0	0.0	0.0	0.00	0.00	
180.0	0.00	0.00	180.0	0.0	0.0	0.0	0.00	0.00	
210.0	0.00	0.00	210.0	0.0	0.0	0.0	0.00	0.00	
240.0	0.00	0.00	240.0	0.0	0.0	0.0	0.00	0.00	
270.0	0.00	0.00	270.0	0.0	0.0	0.0	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	KOP @ 300' MD
330.0	0.60	258.84	330.0	0.0	-0.2	0.2	2.00	2.00	
360.0	1.20	258.84	360.0	-0.1	-0.6	0.6	2.00	2.00	
390.0	1.80	258.84	390.0	-0.3	-1.4	1.4	2.00	2.00	
420.0	2.40	258.84	420.0	-0.5	-2.5	2.5	2.00	2.00	
450.0	3.00	258.84	449.9	-0.8	-3.9	3.9	2.00	2.00	
480.0	3.60	258.84	479.9	-1.1	-5.5	5.7	2.00	2.00	
510.0	4.20	258.84	509.8	-1.5	-7.5	7.7	2.00	2.00	
540.0	4.80	258.84	539.7	-1.9	-9.9	10.0	2.00	2.00	
570.0	5.40	258.84	569.6	-2.5	-12.5	12.7	2.00	2.00	
600.0	6.00	258.84	599.5	-3.0	-15.4	15.7	2.00	2.00	
630.0	6.60	258.84	629.3	-3.7	-18.6	19.0	2.00	2.00	
660.0	7.20	258.84	659.1	-4.4	-22.2	22.6	2.00	2.00	
690.0	7.80	258.84	688.8	-5.1	-26.0	26.5	2.00	2.00	
720.0	8.40	258.84	718.5	-5.9	-30.2	30.7	2.00	2.00	
750.0	9.00	258.84	748.2	-6.8	-34.6	35.3	2.00	2.00	
780.0	9.60	258.84	777.8	-7.8	-39.4	40.1	2.00	2.00	
784.8	9.70	258.84	782.5	-7.9	-40.1	40.9	2.00	2.00	EOB; Inc=9.70°
810.0	9.70	258.84	807.3	-8.7	-44.3	45.2	0.00	0.00	
840.0	9.70	258.84	836.9	-9.7	-49.3	50.2	0.00	0.00	
870.0	9.70	258.84	866.5	-10.7	-54.2	55.3	0.00	0.00	
900.0	9.70	258.84	896.0	-11.7	-59.2	60.3	0.00	0.00	
930.0	9.70	258.84	925.6	-12.7	-64.1	65.4	0.00	0.00	
960.0	9.70	258.84	955.2	-13.6	-69.1	70.4	0.00	0.00	
990.0	9.70	258.84	984.8	-14.6	-74.1	75.5	0.00	0.00	
1,020.0	9.70	258.84	1,014.3	-15.6	-79.0	80.5	0.00	0.00	
1,050.0	9.70	258.84	1,043.9	-16.6	-84.0	85.6	0.00	0.00	
1,080.0	9.70	258.84	1,073.5	-17.5	-88.9	90.6	0.00	0.00	
1,110.0	9.70	258.84	1,103.0	-18.5	-93.9	95.7	0.00	0.00	
1,140.0	9.70	258.84	1,132.6	-19.5	-98.8	100.7	0.00	0.00	
1,170.0	9.70	258.84	1,162.2	-20.5	-103.8	105.8	0.00	0.00	
1,200.0	9.70	258.84	1,191.8	-21.5	-108.7	110.8	0.00	0.00	
1,230.0	9.70	258.84	1,221.3	-22.4	-113.7	115.9	0.00	0.00	
1,260.0	9.70	258.84	1,250.9	-23.4	-118.7	120.9	0.00	0.00	
1,290.0	9.70	258.84	1,280.5	-24.4	-123.6	126.0	0.00	0.00	
1,320.0	9.70	258.84	1,310.0	-25.4	-128.6	131.0	0.00	0.00	
1,350.0	9.70	258.84	1,339.6	-26.3	-133.5	136.1	0.00	0.00	
1,380.0	9.70	258.84	1,369.2	-27.3	-138.5	141.2	0.00	0.00	
1,410.0	9.70	258.84	1,398.8	-28.3	-143.4	146.2	0.00	0.00	
1,440.0	9.70	258.84	1,428.3	-29.3	-148.4	151.3	0.00	0.00	
1,470.0	9.70	258.84	1,457.9	-30.3	-153.4	156.3	0.00	0.00	
1,500.0	9.70	258.84	1,487.5	-31.2	-158.3	161.4	0.00	0.00	

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Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
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)	Comments / Formations
1,530.0	9.70	258.84	1,517.0	-32.2	-163.3	166.4	0.00	0.00	
1,560.0	9.70	258.84	1,546.6	-33.2	-168.2	171.5	0.00	0.00	
1,590.0	9.70	258.84	1,576.2	-34.2	-173.2	176.5	0.00	0.00	
1,620.0	9.70	258.84	1,605.8	-35.1	-178.1	181.6	0.00	0.00	
1,650.0	9.70	258.84	1,635.3	-36.1	-183.1	186.6	0.00	0.00	
1,680.0	9.70	258.84	1,664.9	-37.1	-188.1	191.7	0.00	0.00	
1,710.0	9.70	258.84	1,694.5	-38.1	-193.0	196.7	0.00	0.00	
1,740.0	9.70	258.84	1,724.0	-39.1	-198.0	201.8	0.00	0.00	
1,770.0	9.70	258.84	1,753.6	-40.0	-202.9	206.8	0.00	0.00	
1,800.0	9.70	258.84	1,783.2	-41.0	-207.9	211.9	0.00	0.00	
1,830.0	9.70	258.84	1,812.8	-42.0	-212.8	216.9	0.00	0.00	
1,860.0	9.70	258.84	1,842.3	-43.0	-217.8	222.0	0.00	0.00	
1,890.0	9.70	258.84	1,871.9	-43.9	-222.8	227.0	0.00	0.00	
1,920.0	9.70	258.84	1,901.5	-44.9	-227.7	232.1	0.00	0.00	
1,950.0	9.70	258.84	1,931.0	-45.9	-232.7	237.1	0.00	0.00	
1,980.0	9.70	258.84	1,960.6	-46.9	-237.6	242.2	0.00	0.00	
2,010.0	9.70	258.84	1,990.2	-47.9	-242.6	247.2	0.00	0.00	
2,040.0	9.70	258.84	2,019.8	-48.8	-247.5	252.3	0.00	0.00	
2,070.0	9.70	258.84	2,049.3	-49.8	-252.5	257.3	0.00	0.00	
2,100.0	9.70	258.84	2,078.9	-50.8	-257.5	262.4	0.00	0.00	
2,130.0	9.70	258.84	2,108.5	-51.8	-262.4	267.4	0.00	0.00	
2,160.0	9.70	258.84	2,138.0	-52.7	-267.4	272.5	0.00	0.00	
2,190.0	9.70	258.84	2,167.6	-53.7	-272.3	277.6	0.00	0.00	
2,220.0	9.70	258.84	2,197.2	-54.7	-277.3	282.6	0.00	0.00	
2,250.0	9.70	258.84	2,226.8	-55.7	-282.2	287.7	0.00	0.00	
2,280.0	9.70	258.84	2,256.3	-56.7	-287.2	292.7	0.00	0.00	
2,310.0	9.70	258.84	2,285.9	-57.6	-292.1	297.8	0.00	0.00	
2,340.0	9.70	258.84	2,315.5	-58.6	-297.1	302.8	0.00	0.00	
2,370.0	9.70	258.84	2,345.0	-59.6	-302.1	307.9	0.00	0.00	
2,400.0	9.70	258.84	2,374.6	-60.6	-307.0	312.9	0.00	0.00	
2,430.0	9.70	258.84	2,404.2	-61.5	-312.0	318.0	0.00	0.00	
2,460.0	9.70	258.84	2,433.8	-62.5	-316.9	323.0	0.00	0.00	
2,490.0	9.70	258.84	2,463.3	-63.5	-321.9	328.1	0.00	0.00	

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Chevron 6-35D BHL	0.00	0.00	9,989.0	-233.4	-1,116.3	1,638,318.77	2,250,851.82	39.555881	-108.157322
- plan misses target center by 7569.4ft at 2490.0ft MD (2463.3 TVD, -63.5 N, -321.9 E)									
- Rectangle (sides W50.0 H100.0 D0.0)									
Chevron 6-35D TOG	0.00	0.00	7,239.0	-213.4	-1,081.7	1,638,337.80	2,250,887.02	39.555936	-108.157199
- plan misses target center by 4838.0ft at 2490.0ft MD (2463.3 TVD, -63.5 N, -321.9 E)									
- Point									

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Site:	Sec 6 T6S R96W (F06 696)	**North Reference:**	True
Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
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)	Comments / Formations
2,500.0	9.70	258.84	2,473.2	-63.8	-323.5	329.8	0.00	0.00	
2,600.0	9.70	258.84	2,571.8	-67.1	-340.1	346.6	0.00	0.00	
2,700.0	9.70	258.84	2,670.3	-70.4	-356.6	363.4	0.00	0.00	
2,800.0	9.70	258.84	2,768.9	-73.6	-373.1	380.3	0.00	0.00	
2,900.0	9.70	258.84	2,867.5	-76.9	-389.6	397.1	0.00	0.00	
3,000.0	9.70	258.84	2,966.1	-80.1	-406.2	414.0	0.00	0.00	
3,100.0	9.70	258.84	3,064.6	-83.4	-422.7	430.8	0.00	0.00	
3,200.0	9.70	258.84	3,163.2	-86.6	-439.2	447.6	0.00	0.00	
3,205.9	9.70	258.84	3,169.0	-86.8	-440.2	448.6	0.00	0.00	Wasatch
3,300.0	9.70	258.84	3,261.8	-89.9	-455.7	464.5	0.00	0.00	
3,400.0	9.70	258.84	3,360.3	-93.2	-472.2	481.3	0.00	0.00	
3,500.0	9.70	258.84	3,458.9	-96.4	-488.8	498.2	0.00	0.00	
3,600.0	9.70	258.84	3,557.5	-99.7	-505.3	515.0	0.00	0.00	
3,700.0	9.70	258.84	3,656.1	-102.9	-521.8	531.8	0.00	0.00	
3,800.0	9.70	258.84	3,754.6	-106.2	-538.3	548.7	0.00	0.00	
3,900.0	9.70	258.84	3,853.2	-109.5	-554.9	565.5	0.00	0.00	
4,000.0	9.70	258.84	3,951.8	-112.7	-571.4	582.4	0.00	0.00	
4,100.0	9.70	258.84	4,050.3	-116.0	-587.9	599.2	0.00	0.00	
4,200.0	9.70	258.84	4,148.9	-119.2	-604.4	616.0	0.00	0.00	
4,300.0	9.70	258.84	4,247.5	-122.5	-620.9	632.9	0.00	0.00	
4,400.0	9.70	258.84	4,346.1	-125.8	-637.5	649.7	0.00	0.00	
4,500.0	9.70	258.84	4,444.6	-129.0	-654.0	666.6	0.00	0.00	
4,600.0	9.70	258.84	4,543.2	-132.3	-670.5	683.4	0.00	0.00	
4,700.0	9.70	258.84	4,641.8	-135.5	-687.0	700.2	0.00	0.00	
4,800.0	9.70	258.84	4,740.3	-138.8	-703.6	717.1	0.00	0.00	
4,900.0	9.70	258.84	4,838.9	-142.1	-720.1	733.9	0.00	0.00	
5,000.0	9.70	258.84	4,937.5	-145.3	-736.6	750.8	0.00	0.00	
5,100.0	9.70	258.84	5,036.1	-148.6	-753.1	767.6	0.00	0.00	
5,174.0	9.70	258.84	5,109.0	-151.0	-765.3	780.1	0.00	0.00	Fort Union
5,200.0	9.70	258.84	5,134.6	-151.8	-769.6	784.4	0.00	0.00	
5,300.0	9.70	258.84	5,233.2	-155.1	-786.2	801.3	0.00	0.00	
5,400.0	9.70	258.84	5,331.8	-158.4	-802.7	818.1	0.00	0.00	
5,500.0	9.70	258.84	5,430.3	-161.6	-819.2	834.9	0.00	0.00	
5,600.0	9.70	258.84	5,528.9	-164.9	-835.7	851.8	0.00	0.00	
5,681.2	9.70	258.84	5,609.0	-167.5	-849.2	865.5	0.00	0.00	Base Ft Union
5,700.0	9.70	258.84	5,627.5	-168.1	-852.3	868.6	0.00	0.00	
5,800.0	9.70	258.84	5,726.1	-171.4	-868.8	885.5	0.00	0.00	
5,900.0	9.70	258.84	5,824.6	-174.7	-885.3	902.3	0.00	0.00	
6,000.0	9.70	258.84	5,923.2	-177.9	-901.8	919.1	0.00	0.00	
6,100.0	9.70	258.84	6,021.8	-181.2	-918.3	936.0	0.00	0.00	
6,200.0	9.70	258.84	6,120.3	-184.4	-934.9	952.8	0.00	0.00	
6,300.0	9.70	258.84	6,218.9	-187.7	-951.4	969.7	0.00	0.00	
6,400.0	9.70	258.84	6,317.5	-191.0	-967.9	986.5	0.00	0.00	
6,500.0	9.70	258.84	6,416.1	-194.2	-984.4	1,003.3	0.00	0.00	
6,600.0	9.70	258.84	6,514.6	-197.5	-1,001.0	1,020.2	0.00	0.00	
6,700.0	9.70	258.84	6,613.2	-200.7	-1,017.5	1,037.0	0.00	0.00	
6,800.0	9.70	258.84	6,711.8	-204.0	-1,034.0	1,053.9	0.00	0.00	
6,845.4	9.70	258.84	6,756.5	-205.5	-1,041.5	1,061.5	0.00	0.00	Start Drop -2.00
6,900.0	8.60	258.84	6,810.4	-207.2	-1,050.0	1,070.2	2.00	-2.00	
6,928.9	8.03	258.84	6,839.0	-208.0	-1,054.1	1,074.4	2.00	-2.00	Ohio Creek
7,000.0	6.60	258.84	6,909.5	-209.7	-1,063.0	1,083.4	2.00	-2.00	
7,100.0	4.60	258.84	7,009.1	-211.6	-1,072.6	1,093.2	2.00	-2.00	

Database:	EDM 5000.1 US Multi Users DB	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Company:	Berry Petroleum Company (NAD 83)	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Project:	Garfield County	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site:	Sec 6 T6S R96W (F06 696)	**North Reference:**	True
Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
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)	Comments / Formations
7,130.0	4.00	258.84	7,039.0	-212.0	-1,074.8	1,095.4	2.00	-2.00	Williams Fork
7,200.0	2.60	258.84	7,108.9	-212.8	-1,078.7	1,099.5	2.00	-2.00	
7,300.0	0.60	258.84	7,208.8	-213.4	-1,081.5	1,102.3	2.00	-2.00	
7,330.2	0.00	0.00	7,239.0	-213.4	-1,081.7	1,102.4	2.00	-2.00	EOD; Inc=0° - TOG - Chevron 6-35D TOG
7,400.0	0.17	239.93	7,308.8	-213.5	-1,081.7	1,102.5	0.25	0.25	
7,500.0	0.42	239.93	7,408.8	-213.7	-1,082.2	1,103.0	0.25	0.25	
7,600.0	0.67	239.93	7,508.8	-214.2	-1,083.0	1,103.9	0.25	0.25	
7,686.8	0.89	239.93	7,595.6	-214.8	-1,084.1	1,105.1	0.25	0.25	
7,700.0	0.89	239.93	7,608.8	-214.9	-1,084.2	1,105.3	0.00	0.00	
7,800.0	0.89	239.93	7,708.8	-215.7	-1,085.6	1,106.7	0.00	0.00	
7,900.0	0.89	239.93	7,808.8	-216.5	-1,086.9	1,108.2	0.00	0.00	
8,000.0	0.89	239.93	7,908.8	-217.2	-1,088.3	1,109.7	0.00	0.00	
8,100.0	0.89	239.93	8,008.8	-218.0	-1,089.6	1,111.2	0.00	0.00	
8,200.0	0.89	239.93	8,108.7	-218.8	-1,091.0	1,112.6	0.00	0.00	
8,300.0	0.89	239.93	8,208.7	-219.6	-1,092.3	1,114.1	0.00	0.00	
8,400.0	0.89	239.93	8,308.7	-220.3	-1,093.7	1,115.6	0.00	0.00	
8,500.0	0.89	239.93	8,408.7	-221.1	-1,095.0	1,117.1	0.00	0.00	
8,600.0	0.89	239.93	8,508.7	-221.9	-1,096.3	1,118.6	0.00	0.00	
8,700.0	0.89	239.93	8,608.7	-222.7	-1,097.7	1,120.0	0.00	0.00	
8,800.0	0.89	239.93	8,708.7	-223.5	-1,099.0	1,121.5	0.00	0.00	
8,900.0	0.89	239.93	8,808.7	-224.2	-1,100.4	1,123.0	0.00	0.00	
9,000.0	0.89	239.93	8,908.6	-225.0	-1,101.7	1,124.5	0.00	0.00	
9,100.0	0.89	239.93	9,008.6	-225.8	-1,103.1	1,125.9	0.00	0.00	
9,200.0	0.89	239.93	9,108.6	-226.6	-1,104.4	1,127.4	0.00	0.00	
9,300.0	0.89	239.93	9,208.6	-227.4	-1,105.8	1,128.9	0.00	0.00	
9,400.0	0.89	239.93	9,308.6	-228.1	-1,107.1	1,130.4	0.00	0.00	
9,480.4	0.89	239.93	9,389.0	-228.8	-1,108.2	1,131.6	0.00	0.00	Cameo
9,500.0	0.89	239.93	9,408.6	-228.9	-1,108.5	1,131.9	0.00	0.00	
9,600.0	0.89	239.93	9,508.6	-229.7	-1,109.8	1,133.3	0.00	0.00	
9,700.0	0.89	239.93	9,608.6	-230.5	-1,111.2	1,134.8	0.00	0.00	
9,800.0	0.89	239.93	9,708.5	-231.3	-1,112.5	1,136.3	0.00	0.00	
9,900.0	0.89	239.93	9,808.5	-232.0	-1,113.9	1,137.8	0.00	0.00	
9,930.5	0.89	239.93	9,839.0	-232.3	-1,114.3	1,138.2	0.00	0.00	Rollins
10,000.0	0.89	239.93	9,908.5	-232.8	-1,115.2	1,139.2	0.00	0.00	
10,080.5	0.89	239.93	9,989.0	-233.4	-1,116.3	1,140.4	0.00	0.00	Chevron 6-35D BHL

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Chevron 6-35D BHL - plan hits target center - Rectangle (sides W50.0 H100.0 D0.0)	0.00	0.00	9,989.0	-233.4	-1,116.3	1,638,318.77	2,250,851.82	39.555881	-108.157322
Chevron 6-35D TOG - plan hits target center - Point	0.00	0.00	7,239.0	-213.4	-1,081.7	1,638,337.80	2,250,887.02	39.555936	-108.157199

Database:	EDM 5000.1 US Multi Users DB	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Company:	Berry Petroleum Company (NAD 83)	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Project:	Garfield County	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site:	Sec 6 T6S R96W (F06 696)	**North Reference:**	True
Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
Design:	Plan #2		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,205.9	3,169.0	Wasatch		0.00	
5,174.0	5,109.0	Fort Union		0.00	
5,681.2	5,609.0	Base Ft Union		0.00	
6,928.9	6,839.0	Ohio Creek		0.00	
7,130.0	7,039.0	Williams Fork		0.00	
7,330.2	7,239.0	TOG		0.00	
9,480.4	9,389.0	Cameo		0.00	
9,930.5	9,839.0	Rollins		0.00	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
300.0	300.0	0.0	0.0	KOP @ 300' MD
784.8	782.5	-7.9	-40.1	EOB; Inc=9.70°
6,845.4	6,756.5	-205.5	-1,041.5	Start Drop -2.00
7,330.2	7,239.0	-213.4	-1,081.7	EOD; Inc=0°
10,080.5	9,989.0	-214.8	-1,084.1	TD at 10080.5

Berry Petroleum Company (NAD 83)

Garfield County
Sec 6 T6S R96W (F06 696)
Chevron 6-35D
DD
Plan #2

Anticollision Report

17 November, 2010

Cathedral Energy Services

Anticollision Report

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Reference Plan #2

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	**Error Model:**	Systematic Ellipse
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 1,221.6ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 11/17/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	10,080.5	Plan #2 (DD)	MWD	Geolink MWD

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Sec 6 T6S R96W (F06 696)						
Chevron 6-19D - DD - Plan #2	403.3	405.6	73.1	71.8	53.811	CC, ES
Chevron 6-19D - DD - Plan #2	700.0	699.8	92.3	89.8	36.312	SF
Chevron 6-20D - DD - Plan #2	300.0	300.0	90.0	89.0	92.755	CC, ES
Chevron 6-20D - DD - Plan #2	1,100.0	1,093.2	171.7	167.9	44.730	SF
Chevron 6-21D - DD - Plan #2	454.8	457.7	56.4	54.8	36.192	CC, ES
Chevron 6-21D - DD - Plan #2	700.0	700.8	72.0	69.3	27.339	SF
Chevron 6-22D - DD - Plan #3	300.0	300.0	105.2	104.2	108.370	CC, ES
Chevron 6-22D - DD - Plan #3	1,100.0	1,088.0	187.1	183.2	48.609	SF
Chevron 6-23D - DD - Plan #2	300.0	300.0	134.0	133.0	138.096	CC, ES
Chevron 6-23D - DD - Plan #2	1,100.0	1,086.7	214.7	210.8	55.377	SF
Chevron 6-25D - DD - DD	0.0	0.0	119.0			
Chevron 6-25D - DD - DD	3,600.0	3,479.5	903.5	887.7	57.246	SF
Chevron 6-32D - DD - Plan #2	200.0	200.0	44.9	44.3	72.296	CC, ES
Chevron 6-32D - DD - Plan #2	10,080.5	10,121.5	987.5	934.7	18.691	SF
Chevron 6-33D - DD - Plan #2	300.0	300.0	30.1	29.1	30.976	CC, ES
Chevron 6-33D - DD - Plan #2	10,080.5	10,086.8	648.1	595.1	12.224	SF
Chevron 6-34D - DD - Plan #2	549.4	549.0	10.2	8.3	5.417	CC, ES
Chevron 6-34D - DD - Plan #2	600.0	599.5	10.9	8.9	5.265	SF
Chevron 6-36D - DD - Plan #2	391.4	391.7	13.4	12.1	10.213	CC
Chevron 6-36D - DD - Plan #2	400.0	400.3	13.4	12.1	9.974	ES
Chevron 6-36D - DD - Plan #2	10,080.5	10,075.9	308.0	255.6	5.886	SF
Chevron 6-37D - DD - Plan #2	300.0	300.0	30.1	29.1	30.976	CC, ES
Chevron 6-37D - DD - Plan #2	10,080.5	10,095.5	633.5	580.4	11.940	SF
Chevron 6-38D - DD - Plan #2	272.0	272.0	44.9	44.0	51.451	CC
Chevron 6-38D - DD - Plan #2	300.0	300.0	44.9	43.9	46.283	ES
Chevron 6-38D - DD - Plan #2	10,080.5	10,108.2	966.4	914.2	18.515	SF

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-19D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.72	60.1	44.8	75.0				
100.0	100.0	100.0	100.0	0.1	0.1	36.72	60.1	44.8	75.0	74.7	0.27	275.385	
200.0	200.0	200.0	200.0	0.3	0.3	36.72	60.1	44.8	75.0	74.4	0.62	120.675	
300.0	300.0	301.3	301.3	0.5	0.5	37.92	58.5	45.5	74.1	73.1	0.97	76.166	
400.0	400.0	402.3	402.1	0.7	0.7	143.68	53.5	47.7	73.1	71.8	1.35	54.334	
403.3	403.3	405.6	405.4	0.7	0.7	143.90	53.3	47.8	73.1	71.8	1.36	53.811	CC, ES
500.0	499.8	502.3	501.8	0.9	0.9	152.14	45.6	51.1	74.6	72.9	1.74	42.824	
600.0	599.5	601.3	600.3	1.1	1.1	161.49	36.9	54.9	80.8	78.7	2.15	37.670	
700.0	698.7	699.8	698.4	1.3	1.4	169.71	28.2	58.6	92.3	89.8	2.54	36.312	SF
800.0	797.5	797.8	795.9	1.6	1.6	176.17	19.6	62.3	108.7	105.7	2.93	37.103	
900.0	896.0	895.6	893.3	2.0	1.8	-179.07	11.0	66.1	127.3	124.0	3.32	38.317	
1,000.0	994.6	993.4	990.6	2.3	2.1	-175.53	2.4	69.8	146.6	142.8	3.72	39.417	
1,100.0	1,093.2	1,091.2	1,087.9	2.6	2.3	-172.82	-6.3	73.5	166.2	162.1	4.12	40.369	
1,200.0	1,191.8	1,189.0	1,185.2	2.9	2.5	-170.68	-14.9	77.2	186.2	181.7	4.52	41.180	
1,300.0	1,290.3	1,286.7	1,282.6	3.3	2.8	-168.96	-23.5	80.9	206.4	201.4	4.93	41.870	
1,400.0	1,388.9	1,384.5	1,379.9	3.6	3.0	-167.54	-32.1	84.7	226.7	221.3	5.34	42.458	
1,500.0	1,487.5	1,482.3	1,477.2	4.0	3.2	-166.36	-40.7	88.4	247.1	241.3	5.75	42.962	
1,600.0	1,586.0	1,580.1	1,574.5	4.3	3.5	-165.36	-49.3	92.1	267.6	261.4	6.17	43.397	
1,700.0	1,684.6	1,677.8	1,671.9	4.6	3.7	-164.50	-57.9	95.8	288.2	281.6	6.58	43.776	
1,800.0	1,783.2	1,775.6	1,769.2	5.0	3.9	-163.75	-66.5	99.5	308.8	301.8	7.00	44.108	
1,900.0	1,881.8	1,873.4	1,866.5	5.3	4.2	-163.10	-75.1	103.2	329.5	322.0	7.42	44.400	
2,000.0	1,980.3	1,971.2	1,963.8	5.7	4.4	-162.53	-83.7	107.0	350.2	342.3	7.84	44.659	
2,100.0	2,078.9	2,068.9	2,061.2	6.0	4.7	-162.02	-92.3	110.7	370.9	362.6	8.26	44.891	
2,200.0	2,177.5	2,166.7	2,158.5	6.3	4.9	-161.56	-101.0	114.4	391.7	383.0	8.68	45.099	
2,300.0	2,276.0	2,264.5	2,255.8	6.7	5.1	-161.15	-109.6	118.1	412.4	403.3	9.11	45.286	
2,400.0	2,374.6	2,362.3	2,353.1	7.0	5.4	-160.78	-118.2	121.8	433.2	423.7	9.53	45.455	
2,500.0	2,473.2	2,460.0	2,450.5	7.4	5.6	-160.44	-126.8	125.6	454.1	444.1	9.96	45.610	
2,600.0	2,571.8	2,557.8	2,547.8	7.7	5.8	-160.13	-135.4	129.3	474.9	464.5	10.38	45.751	
2,700.0	2,670.3	2,655.6	2,645.1	8.1	6.1	-159.85	-144.0	133.0	495.7	484.9	10.80	45.880	
2,800.0	2,768.9	2,753.4	2,742.4	8.4	6.3	-159.59	-152.6	136.7	516.6	505.4	11.23	45.998	
2,900.0	2,867.5	2,851.1	2,839.8	8.7	6.5	-159.35	-161.2	140.4	537.4	525.8	11.66	46.108	
3,000.0	2,966.1	2,948.9	2,937.1	9.1	6.8	-159.13	-169.8	144.1	558.3	546.2	12.08	46.210	
3,100.0	3,064.6	3,046.7	3,034.4	9.4	7.0	-158.93	-178.4	147.9	579.2	566.7	12.51	46.304	
3,200.0	3,163.2	3,144.5	3,131.7	9.8	7.2	-158.73	-187.0	151.6	600.1	587.1	12.94	46.391	
3,300.0	3,261.8	3,242.2	3,229.1	10.1	7.5	-158.56	-195.6	155.3	621.0	607.6	13.36	46.473	
3,400.0	3,360.3	3,340.0	3,326.4	10.5	7.7	-158.39	-204.3	159.0	641.9	628.1	13.79	46.549	
3,500.0	3,458.9	3,437.8	3,423.7	10.8	8.0	-158.23	-212.9	162.7	662.8	648.5	14.22	46.621	
3,600.0	3,557.5	3,535.6	3,521.0	11.2	8.2	-158.09	-221.5	166.5	683.7	669.0	14.64	46.688	
3,700.0	3,656.1	3,633.3	3,618.4	11.5	8.4	-157.95	-230.1	170.2	704.6	689.5	15.07	46.751	
3,800.0	3,754.6	3,731.1	3,715.7	11.8	8.7	-157.82	-238.7	173.9	725.5	710.0	15.50	46.811	
3,900.0	3,853.2	3,828.9	3,813.0	12.2	8.9	-157.70	-247.3	177.6	746.4	730.5	15.93	46.867	
4,000.0	3,951.8	3,926.7	3,910.3	12.5	9.1	-157.58	-255.9	181.3	767.3	751.0	16.35	46.920	
4,100.0	4,050.3	4,024.5	4,007.7	12.9	9.4	-157.47	-264.5	185.1	788.2	771.5	16.78	46.970	
4,200.0	4,148.9	4,122.2	4,105.0	13.2	9.6	-157.37	-273.1	188.8	809.2	792.0	17.21	47.018	
4,300.0	4,247.5	4,220.0	4,202.3	13.6	9.8	-157.27	-281.7	192.5	830.1	812.5	17.64	47.063	
4,400.0	4,346.1	4,317.8	4,299.6	13.9	10.1	-157.17	-290.3	196.2	851.0	833.0	18.07	47.106	
4,500.0	4,444.6	4,415.6	4,397.0	14.3	10.3	-157.08	-299.0	199.9	872.0	853.5	18.49	47.147	
4,600.0	4,543.2	4,513.3	4,494.3	14.6	10.6	-157.00	-307.6	203.6	892.9	874.0	18.92	47.186	
4,700.0	4,641.8	4,611.1	4,591.6	15.0	10.8	-156.92	-316.2	207.4	913.8	894.5	19.35	47.223	
4,800.0	4,740.3	4,708.9	4,688.9	15.3	11.0	-156.84	-324.8	211.1	934.8	915.0	19.78	47.258	
4,900.0	4,838.9	4,806.7	4,786.3	15.6	11.3	-156.77	-333.4	214.8	955.7	935.5	20.21	47.292	
5,000.0	4,937.5	4,904.4	4,883.6	16.0	11.5	-156.69	-342.0	218.5	976.6	956.0	20.64	47.325	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-19D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	5,036.1	5,002.2	4,980.9	16.3	11.7	-156.63	-350.6	222.2	997.6	976.5	21.07	47.356	
5,200.0	5,134.6	5,100.0	5,078.2	16.7	12.0	-156.56	-359.2	226.0	1,018.5	997.0	21.49	47.386	
5,300.0	5,233.2	5,197.8	5,175.6	17.0	12.2	-156.50	-367.8	229.7	1,039.5	1,017.6	21.92	47.414	
5,400.0	5,331.8	5,295.5	5,272.9	17.4	12.4	-156.44	-376.4	233.4	1,060.4	1,038.1	22.35	47.442	
5,500.0	5,430.3	5,393.3	5,370.2	17.7	12.7	-156.38	-385.0	237.1	1,081.4	1,058.6	22.78	47.468	
5,600.0	5,528.9	5,491.1	5,467.5	18.1	12.9	-156.32	-393.7	240.8	1,102.3	1,079.1	23.21	47.493	
5,700.0	5,627.5	5,588.9	5,564.9	18.4	13.2	-156.27	-402.3	244.5	1,123.3	1,099.6	23.64	47.518	
5,800.0	5,726.1	5,686.6	5,662.2	18.7	13.4	-156.22	-410.9	248.3	1,144.2	1,120.1	24.07	47.541	
5,900.0	5,824.6	5,784.4	5,759.5	19.1	13.6	-156.17	-419.5	252.0	1,165.2	1,140.7	24.50	47.564	
6,000.0	5,923.2	5,882.2	5,856.8	19.4	13.9	-156.12	-428.1	255.7	1,186.1	1,161.2	24.93	47.586	
6,100.0	6,021.8	5,980.0	5,954.2	19.8	14.1	-156.07	-436.7	259.4	1,207.1	1,181.7	25.35	47.607	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-20D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.75	72.1	53.9	90.0				
100.0	100.0	100.0	100.0	0.1	0.1	36.75	72.1	53.9	90.0	89.7	0.27	330.586	
200.0	200.0	200.0	200.0	0.3	0.3	36.75	72.1	53.9	90.0	89.4	0.62	144.864	
300.0	300.0	300.0	300.0	0.5	0.5	36.75	72.1	53.9	90.0	89.0	0.97	92.755	CC, ES
400.0	400.0	400.0	400.0	0.7	0.7	138.63	72.1	53.9	91.3	90.0	1.32	69.156	
500.0	499.8	499.8	499.8	0.9	0.8	140.65	72.1	53.9	95.3	93.6	1.67	56.900	
600.0	599.5	599.5	599.5	1.1	1.0	143.67	72.1	53.9	102.2	100.2	2.04	50.196	
700.0	698.7	698.7	698.7	1.3	1.2	147.24	72.1	53.9	112.3	109.9	2.40	46.744	
800.0	797.5	797.5	797.5	1.6	1.4	150.97	72.1	53.9	125.7	122.9	2.77	45.426	
900.0	896.0	896.0	896.0	2.0	1.5	154.29	72.1	53.9	140.7	137.6	3.13	44.961	
1,000.0	994.6	994.6	994.6	2.3	1.7	156.97	72.1	53.9	156.1	152.6	3.49	44.769	
1,100.0	1,093.2	1,093.2	1,093.2	2.6	1.9	159.16	72.1	53.9	171.7	167.9	3.84	44.730	SF
1,200.0	1,191.8	1,191.8	1,191.8	2.9	2.0	160.99	72.1	53.9	187.6	183.4	4.19	44.779	
1,300.0	1,290.3	1,288.4	1,288.4	3.3	2.2	162.87	71.2	54.8	204.1	199.5	4.53	45.039	
1,400.0	1,388.9	1,384.1	1,383.9	3.6	2.4	165.25	68.0	58.1	221.8	217.0	4.86	45.623	
1,500.0	1,487.5	1,478.7	1,478.2	4.0	2.6	167.97	62.7	63.6	241.2	236.0	5.19	46.465	
1,600.0	1,586.0	1,575.4	1,574.5	4.3	2.8	170.74	55.9	70.6	261.9	256.3	5.53	47.383	
1,700.0	1,684.6	1,672.5	1,671.1	4.6	3.0	173.11	49.1	77.7	283.1	277.2	5.87	48.208	
1,800.0	1,783.2	1,769.6	1,767.6	5.0	3.2	175.16	42.3	84.8	304.7	298.5	6.22	48.949	
1,900.0	1,881.8	1,866.7	1,864.2	5.3	3.4	176.93	35.5	91.8	326.6	320.0	6.58	49.614	
2,000.0	1,980.3	1,963.8	1,960.8	5.7	3.6	178.48	28.7	98.9	348.8	341.9	6.95	50.211	
2,100.0	2,078.9	2,060.9	2,057.4	6.0	3.8	179.85	21.9	106.0	371.2	363.9	7.32	50.749	
2,200.0	2,177.5	2,157.9	2,154.0	6.3	4.0	-178.94	15.1	113.1	393.8	386.2	7.69	51.235	
2,300.0	2,276.0	2,255.0	2,250.6	6.7	4.3	-177.86	8.2	120.1	416.6	408.5	8.06	51.676	
2,400.0	2,374.6	2,352.1	2,347.2	7.0	4.5	-176.89	1.4	127.2	439.5	431.0	8.44	52.078	
2,500.0	2,473.2	2,449.2	2,443.8	7.4	4.7	-176.01	-5.4	134.3	462.5	453.6	8.82	52.445	
2,600.0	2,571.8	2,546.3	2,540.4	7.7	4.9	-175.22	-12.2	141.3	485.5	476.3	9.20	52.782	
2,700.0	2,670.3	2,643.4	2,637.0	8.1	5.2	-174.50	-19.0	148.4	508.7	499.1	9.58	53.092	
2,800.0	2,768.9	2,740.5	2,733.6	8.4	5.4	-173.85	-25.8	155.5	531.9	521.9	9.97	53.378	
2,900.0	2,867.5	2,837.6	2,830.2	8.7	5.6	-173.25	-32.7	162.5	555.2	544.9	10.35	53.643	
3,000.0	2,966.1	2,934.7	2,926.8	9.1	5.9	-172.69	-39.5	169.6	578.5	567.8	10.74	53.888	
3,100.0	3,064.6	3,031.8	3,023.4	9.4	6.1	-172.18	-46.3	176.7	601.9	590.8	11.12	54.117	
3,200.0	3,163.2	3,128.9	3,120.0	9.8	6.3	-171.71	-53.1	183.8	625.4	613.8	11.51	54.330	
3,300.0	3,261.8	3,226.0	3,216.6	10.1	6.6	-171.27	-59.9	190.8	648.8	636.9	11.90	54.530	
3,400.0	3,360.3	3,323.0	3,313.1	10.5	6.8	-170.86	-66.7	197.9	672.3	660.0	12.29	54.717	
3,500.0	3,458.9	3,420.1	3,409.7	10.8	7.0	-170.48	-73.6	205.0	695.9	683.2	12.68	54.892	
3,600.0	3,557.5	3,517.2	3,506.3	11.2	7.3	-170.13	-80.4	212.0	719.4	706.3	13.07	55.058	
3,700.0	3,656.1	3,614.3	3,602.9	11.5	7.5	-169.79	-87.2	219.1	743.0	729.5	13.46	55.213	
3,800.0	3,754.6	3,711.4	3,699.5	11.8	7.7	-169.48	-94.0	226.2	766.6	752.7	13.85	55.360	
3,900.0	3,853.2	3,808.5	3,796.1	12.2	8.0	-169.19	-100.8	233.3	790.2	776.0	14.24	55.500	
4,000.0	3,951.8	3,905.6	3,892.7	12.5	8.2	-168.91	-107.6	240.3	813.9	799.2	14.63	55.631	
4,100.0	4,050.3	4,002.7	3,989.3	12.9	8.4	-168.65	-114.4	247.4	837.5	822.5	15.02	55.756	
4,200.0	4,148.9	4,099.8	4,085.9	13.2	8.7	-168.40	-121.3	254.5	861.2	845.8	15.41	55.875	
4,300.0	4,247.5	4,196.9	4,182.5	13.6	8.9	-168.17	-128.1	261.5	884.9	869.1	15.80	55.988	
4,400.0	4,346.1	4,294.0	4,279.1	13.9	9.2	-167.95	-134.9	268.6	908.6	892.4	16.20	56.096	
4,500.0	4,444.6	4,391.1	4,375.7	14.3	9.4	-167.74	-141.7	275.7	932.3	915.7	16.59	56.198	
4,600.0	4,543.2	4,488.1	4,472.3	14.6	9.6	-167.54	-148.5	282.7	956.0	939.0	16.98	56.296	
4,700.0	4,641.8	4,585.2	4,568.9	15.0	9.9	-167.35	-155.3	289.8	979.8	962.4	17.37	56.390	
4,800.0	4,740.3	4,682.3	4,665.5	15.3	10.1	-167.16	-162.2	296.9	1,003.5	985.7	17.77	56.479	
4,900.0	4,838.9	4,779.4	4,762.1	15.6	10.3	-166.99	-169.0	304.0	1,027.3	1,009.1	18.16	56.565	
5,000.0	4,937.5	4,876.5	4,858.7	16.0	10.6	-166.83	-175.8	311.0	1,051.0	1,032.5	18.55	56.647	
5,100.0	5,036.1	4,973.6	4,955.2	16.3	10.8	-166.67	-182.6	318.1	1,074.8	1,055.9	18.95	56.726	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-20D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,200.0	5,134.6	5,087.4	5,068.5	16.7	11.1	-166.51	-190.2	326.0	1,098.3	1,078.9	19.37	56.706	
5,300.0	5,233.2	5,224.9	5,205.8	17.0	11.3	-166.52	-195.6	331.6	1,118.8	1,099.0	19.79	56.523	
5,400.0	5,331.8	5,352.3	5,333.2	17.4	11.5	-166.73	-196.7	332.7	1,136.0	1,115.8	20.17	56.312	
5,500.0	5,430.3	5,455.3	5,436.2	17.7	11.7	-166.92	-196.9	332.4	1,152.1	1,131.6	20.52	56.157	
5,600.0	5,528.9	5,556.6	5,537.5	18.1	11.8	-167.09	-197.3	331.7	1,167.9	1,147.0	20.86	55.995	
5,700.0	5,627.5	5,655.3	5,636.2	18.4	11.9	-167.25	-197.7	330.9	1,183.6	1,162.4	21.19	55.844	
5,800.0	5,726.1	5,754.1	5,734.9	18.7	12.1	-167.40	-198.1	330.2	1,199.3	1,177.8	21.53	55.699	
5,900.0	5,824.6	5,852.8	5,833.6	19.1	12.2	-167.56	-198.6	329.5	1,215.0	1,193.2	21.87	55.558	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-21D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.68	48.1	35.8	60.0				
100.0	100.0	100.0	100.0	0.1	0.1	36.68	48.1	35.8	60.0	59.7	0.27	220.185	
200.0	200.0	200.0	200.0	0.3	0.3	36.68	48.1	35.8	60.0	59.3	0.62	96.485	
300.0	300.0	301.4	301.4	0.5	0.5	37.96	46.3	36.1	58.8	57.8	0.97	60.339	
400.0	400.0	402.5	402.4	0.7	0.7	144.38	41.0	37.1	56.8	55.5	1.34	42.340	
454.8	454.7	457.7	457.4	0.8	0.8	149.47	36.7	37.9	56.4	54.8	1.56	36.192	CC, ES
500.0	499.8	503.0	502.5	0.9	0.9	154.73	32.3	38.8	56.8	55.0	1.74	32.617	
600.0	599.5	602.5	601.2	1.1	1.2	168.64	20.3	41.0	61.1	58.9	2.18	27.981	
700.0	698.7	700.8	698.5	1.3	1.5	-178.36	6.5	43.6	72.0	69.3	2.63	27.339	SF
800.0	797.5	798.6	795.3	1.6	1.7	-169.41	-7.2	46.2	88.9	85.8	3.08	28.867	
900.0	896.0	896.2	891.8	2.0	2.0	-163.60	-21.0	48.8	108.4	104.9	3.54	30.606	
1,000.0	994.6	993.8	988.4	2.3	2.3	-159.58	-34.7	51.4	128.7	124.7	4.02	32.054	
1,100.0	1,093.2	1,091.3	1,085.0	2.6	2.6	-156.66	-48.4	53.9	149.5	145.0	4.50	33.239	
1,200.0	1,191.8	1,188.9	1,181.6	2.9	2.9	-154.45	-62.1	56.5	170.5	165.5	4.98	34.212	
1,300.0	1,290.3	1,286.5	1,278.1	3.3	3.2	-152.72	-75.8	59.1	191.7	186.2	5.47	35.017	
1,400.0	1,388.9	1,384.1	1,374.7	3.6	3.5	-151.34	-89.6	61.7	213.1	207.1	5.97	35.692	
1,500.0	1,487.5	1,481.7	1,471.3	4.0	3.8	-150.21	-103.3	64.3	234.5	228.0	6.47	36.264	
1,600.0	1,586.0	1,579.2	1,567.9	4.3	4.1	-149.28	-117.0	66.8	256.0	249.1	6.97	36.753	
1,700.0	1,684.6	1,676.8	1,664.4	4.6	4.4	-148.48	-130.7	69.4	277.6	270.1	7.47	37.177	
1,800.0	1,783.2	1,774.4	1,761.0	5.0	4.7	-147.80	-144.5	72.0	299.2	291.2	7.97	37.547	
1,900.0	1,881.8	1,872.0	1,857.6	5.3	5.0	-147.21	-158.2	74.6	320.9	312.4	8.47	37.873	
2,000.0	1,980.3	1,969.6	1,954.2	5.7	5.3	-146.70	-171.9	77.2	342.5	333.6	8.98	38.161	
2,100.0	2,078.9	2,067.1	2,050.7	6.0	5.6	-146.25	-185.6	79.7	364.2	354.8	9.48	38.419	
2,200.0	2,177.5	2,164.7	2,147.3	6.3	5.9	-145.85	-199.3	82.3	386.0	376.0	9.99	38.650	
2,300.0	2,276.0	2,262.3	2,243.9	6.7	6.2	-145.49	-213.1	84.9	407.7	397.2	10.49	38.858	
2,400.0	2,374.6	2,359.9	2,340.5	7.0	6.5	-145.16	-226.8	87.5	429.4	418.4	11.00	39.047	
2,500.0	2,473.2	2,457.5	2,437.0	7.4	6.8	-144.87	-240.5	90.0	451.2	439.7	11.50	39.219	
2,600.0	2,571.8	2,555.0	2,533.6	7.7	7.1	-144.61	-254.2	92.6	473.0	461.0	12.01	39.376	
2,700.0	2,670.3	2,652.6	2,630.2	8.1	7.3	-144.37	-268.0	95.2	494.8	482.2	12.52	39.521	
2,800.0	2,768.9	2,750.2	2,726.8	8.4	7.6	-144.15	-281.7	97.8	516.5	503.5	13.03	39.654	
2,900.0	2,867.5	2,847.8	2,823.3	8.7	7.9	-143.94	-295.4	100.4	538.3	524.8	13.53	39.776	
3,000.0	2,966.1	2,945.3	2,919.9	9.1	8.2	-143.75	-309.1	102.9	560.1	546.1	14.04	39.890	
3,100.0	3,064.6	3,042.9	3,016.5	9.4	8.5	-143.58	-322.8	105.5	581.9	567.4	14.55	39.996	
3,200.0	3,163.2	3,140.5	3,113.1	9.8	8.8	-143.42	-336.6	108.1	603.7	588.7	15.06	40.095	
3,300.0	3,261.8	3,238.1	3,209.6	10.1	9.1	-143.27	-350.3	110.7	625.6	610.0	15.57	40.187	
3,400.0	3,360.3	3,335.7	3,306.2	10.5	9.4	-143.13	-364.0	113.3	647.4	631.3	16.07	40.273	
3,500.0	3,458.9	3,433.2	3,402.8	10.8	9.7	-143.00	-377.7	115.8	669.2	652.6	16.58	40.354	
3,600.0	3,557.5	3,530.8	3,499.4	11.2	10.0	-142.88	-391.5	118.4	691.0	673.9	17.09	40.429	
3,700.0	3,656.1	3,628.4	3,595.9	11.5	10.3	-142.76	-405.2	121.0	712.9	695.3	17.60	40.501	
3,800.0	3,754.6	3,726.0	3,692.5	11.8	10.6	-142.66	-418.9	123.6	734.7	716.6	18.11	40.568	
3,900.0	3,853.2	3,823.6	3,789.1	12.2	10.9	-142.55	-432.6	126.2	756.5	737.9	18.62	40.632	
4,000.0	3,951.8	3,921.1	3,885.7	12.5	11.2	-142.46	-446.4	128.7	778.4	759.2	19.13	40.692	
4,100.0	4,050.3	4,018.7	3,982.2	12.9	11.5	-142.37	-460.1	131.3	800.2	780.6	19.64	40.749	
4,200.0	4,148.9	4,116.3	4,078.8	13.2	11.8	-142.28	-473.8	133.9	822.0	801.9	20.15	40.803	
4,300.0	4,247.5	4,213.9	4,175.4	13.6	12.1	-142.20	-487.5	136.5	843.9	823.2	20.66	40.855	
4,400.0	4,346.1	4,311.5	4,272.0	13.9	12.4	-142.12	-501.2	139.1	865.7	844.5	21.16	40.904	
4,500.0	4,444.6	4,409.0	4,368.5	14.3	12.7	-142.05	-515.0	141.6	887.6	865.9	21.67	40.951	
4,600.0	4,543.2	4,506.6	4,465.1	14.6	13.0	-141.98	-528.7	144.2	909.4	887.2	22.18	40.995	
4,700.0	4,641.8	4,604.2	4,561.7	15.0	13.3	-141.91	-542.4	146.8	931.2	908.6	22.69	41.038	
4,800.0	4,740.3	4,701.8	4,658.3	15.3	13.6	-141.85	-556.1	149.4	953.1	929.9	23.20	41.078	
4,900.0	4,838.9	4,799.3	4,754.8	15.6	13.9	-141.79	-569.9	152.0	974.9	951.2	23.71	41.117	
5,000.0	4,937.5	4,896.9	4,851.4	16.0	14.2	-141.73	-583.6	154.5	996.8	972.6	24.22	41.154	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-21D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	5,036.1	4,994.5	4,948.0	16.3	14.5	-141.67	-597.3	157.1	1,018.6	993.9	24.73	41.190	
5,200.0	5,134.6	5,092.1	5,044.6	16.7	14.8	-141.62	-611.0	159.7	1,040.5	1,015.2	25.24	41.224	
5,300.0	5,233.2	5,189.7	5,141.1	17.0	15.1	-141.57	-624.7	162.3	1,062.3	1,036.6	25.75	41.257	
5,400.0	5,331.8	5,287.2	5,237.7	17.4	15.4	-141.52	-638.5	164.8	1,084.2	1,057.9	26.26	41.288	
5,500.0	5,430.3	5,384.8	5,334.3	17.7	15.7	-141.47	-652.2	167.4	1,106.0	1,079.3	26.77	41.319	
5,600.0	5,528.9	5,482.4	5,430.9	18.1	16.0	-141.43	-665.9	170.0	1,127.9	1,100.6	27.28	41.348	
5,700.0	5,627.5	5,580.0	5,527.4	18.4	16.3	-141.39	-679.6	172.6	1,149.8	1,122.0	27.79	41.376	
5,800.0	5,726.1	5,677.6	5,624.0	18.7	16.6	-141.34	-693.4	175.2	1,171.6	1,143.3	28.30	41.403	
5,900.0	5,824.6	5,775.1	5,720.6	19.1	16.9	-141.30	-707.1	177.7	1,193.5	1,164.7	28.81	41.429	
6,000.0	5,923.2	5,872.7	5,817.2	19.4	17.2	-141.26	-720.8	180.3	1,215.3	1,186.0	29.32	41.454	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-22D - DD - Plan #3

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.53	84.5	62.6	105.2				
100.0	100.0	100.0	100.0	0.1	0.1	36.53	84.5	62.6	105.2	104.9	0.27	386.243	
200.0	200.0	200.0	200.0	0.3	0.3	36.53	84.5	62.6	105.2	104.5	0.62	169.252	
300.0	300.0	300.0	300.0	0.5	0.5	36.53	84.5	62.6	105.2	104.2	0.97	108.370	CC, ES
400.0	400.0	400.0	400.0	0.7	0.7	138.30	84.5	62.6	106.5	105.1	1.32	80.627	
500.0	499.8	499.8	499.8	0.9	0.8	140.06	84.5	62.6	110.4	108.7	1.68	65.919	
600.0	599.5	599.5	599.5	1.1	1.0	142.71	84.5	62.6	117.2	115.2	2.04	57.554	
700.0	698.7	698.7	698.7	1.3	1.2	145.92	84.5	62.6	127.2	124.8	2.41	52.874	
800.0	797.5	797.5	797.5	1.6	1.4	149.36	84.5	62.6	140.4	137.6	2.77	50.602	
900.0	896.0	896.0	896.0	2.0	1.5	152.52	84.5	62.6	155.2	152.0	3.14	49.403	
1,000.0	994.6	994.6	994.6	2.3	1.7	155.13	84.5	62.6	170.3	166.8	3.50	48.641	
1,100.0	1,093.2	1,088.0	1,088.0	2.6	1.9	157.39	84.7	63.9	187.1	183.2	3.85	48.609	SF
1,200.0	1,191.8	1,180.0	1,179.9	2.9	2.0	159.62	85.2	68.2	207.0	202.8	4.19	49.445	
1,300.0	1,290.3	1,270.6	1,270.2	3.3	2.2	161.73	86.1	75.3	230.0	225.5	4.52	50.937	
1,400.0	1,388.9	1,364.9	1,364.0	3.6	2.4	163.72	87.3	84.8	255.5	250.6	4.85	52.707	
1,500.0	1,487.5	1,461.2	1,459.8	4.0	2.6	165.40	88.5	94.7	281.3	276.1	5.18	54.293	
1,600.0	1,586.0	1,557.5	1,555.6	4.3	2.8	166.79	89.7	104.6	307.4	301.8	5.52	55.719	
1,700.0	1,684.6	1,653.8	1,651.3	4.6	3.0	167.97	91.0	114.5	333.5	327.7	5.85	57.004	
1,800.0	1,783.2	1,750.1	1,747.1	5.0	3.2	168.98	92.2	124.4	359.8	353.7	6.19	58.165	
1,900.0	1,881.8	1,846.4	1,842.9	5.3	3.5	169.85	93.4	134.3	386.2	379.7	6.52	59.219	
2,000.0	1,980.3	1,942.7	1,938.7	5.7	3.7	170.60	94.7	144.2	412.7	405.8	6.86	60.179	
2,100.0	2,078.9	2,039.0	2,034.5	6.0	3.9	171.27	95.9	154.1	439.2	432.0	7.19	61.055	
2,200.0	2,177.5	2,135.3	2,130.3	6.3	4.1	171.86	97.1	164.0	465.8	458.2	7.53	61.858	
2,300.0	2,276.0	2,231.6	2,226.0	6.7	4.4	172.39	98.4	173.9	492.4	484.5	7.87	62.596	
2,400.0	2,374.6	2,327.9	2,321.8	7.0	4.6	172.86	99.6	183.8	519.0	510.8	8.20	63.276	
2,500.0	2,473.2	2,424.2	2,417.6	7.4	4.8	173.29	100.8	193.7	545.7	537.1	8.54	63.905	
2,600.0	2,571.8	2,520.5	2,513.4	7.7	5.1	173.68	102.1	203.6	572.4	563.5	8.88	64.487	
2,700.0	2,670.3	2,616.8	2,609.2	8.1	5.3	174.03	103.3	213.5	599.1	589.9	9.21	65.029	
2,800.0	2,768.9	2,713.1	2,705.0	8.4	5.5	174.36	104.5	223.4	625.8	616.3	9.55	65.533	
2,900.0	2,867.5	2,809.4	2,800.7	8.7	5.8	174.65	105.8	233.3	652.6	642.7	9.89	66.004	
3,000.0	2,966.1	2,905.7	2,896.5	9.1	6.0	174.93	107.0	243.2	679.4	669.1	10.22	66.444	
3,100.0	3,064.6	3,002.0	2,992.3	9.4	6.2	175.18	108.2	253.1	706.1	695.6	10.56	66.857	
3,200.0	3,163.2	3,098.3	3,088.1	9.8	6.5	175.41	109.5	263.0	732.9	722.0	10.90	67.244	
3,300.0	3,261.8	3,205.6	3,194.8	10.1	6.7	175.65	110.8	273.7	759.5	748.3	11.26	67.480	
3,400.0	3,360.3	3,338.2	3,327.1	10.5	7.0	175.87	111.9	282.4	782.7	771.1	11.65	67.161	
3,500.0	3,458.9	3,470.3	3,459.2	10.8	7.2	176.01	112.2	285.0	801.4	789.4	12.05	66.484	
3,600.0	3,557.5	3,572.4	3,561.3	11.2	7.3	176.10	112.1	284.8	818.0	805.6	12.41	65.939	
3,700.0	3,656.1	3,672.1	3,661.0	11.5	7.5	176.19	111.8	284.3	834.2	821.5	12.75	65.421	
3,800.0	3,754.6	3,770.8	3,759.7	11.8	7.6	176.28	111.5	283.8	850.5	837.4	13.10	64.938	
3,900.0	3,853.2	3,869.4	3,858.3	12.2	7.8	176.36	111.2	283.2	866.7	853.2	13.44	64.479	
4,000.0	3,951.8	3,968.1	3,957.0	12.5	7.9	176.44	110.9	282.7	882.9	869.1	13.79	64.043	
4,100.0	4,050.3	4,066.8	4,055.7	12.9	8.1	176.52	110.6	282.2	899.1	885.0	14.13	63.628	
4,200.0	4,148.9	4,165.4	4,154.3	13.2	8.2	176.59	110.3	281.7	915.4	900.9	14.48	63.233	
4,300.0	4,247.5	4,264.1	4,253.0	13.6	8.4	176.67	110.0	281.2	931.6	916.8	14.82	62.856	
4,400.0	4,346.1	4,362.8	4,351.7	13.9	8.5	176.74	109.7	280.6	947.8	932.6	15.17	62.496	
4,500.0	4,444.6	4,461.4	4,450.3	14.3	8.7	176.80	109.4	280.1	964.0	948.5	15.51	62.153	
4,600.0	4,543.2	4,560.1	4,549.0	14.6	8.8	176.87	109.0	279.6	980.3	964.4	15.86	61.824	
4,700.0	4,641.8	4,658.8	4,647.6	15.0	9.0	176.93	108.7	279.1	996.5	980.3	16.20	61.509	
4,800.0	4,740.3	4,757.4	4,746.3	15.3	9.1	176.99	108.4	278.5	1,012.8	996.2	16.55	61.207	
4,900.0	4,838.9	4,856.1	4,845.0	15.6	9.3	177.05	108.1	278.0	1,029.0	1,012.1	16.89	60.918	
5,000.0	4,937.5	4,954.8	4,943.6	16.0	9.4	177.11	107.8	277.5	1,045.2	1,028.0	17.24	60.640	
5,100.0	5,036.1	5,053.4	5,042.3	16.3	9.6	177.16	107.5	277.0	1,061.5	1,043.9	17.58	60.373	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-22D - DD - Plan #3

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,200.0	5,134.6	5,152.1	5,141.0	16.7	9.7	177.21	107.2	276.4	1,077.7	1,059.8	17.93	60.117	
5,300.0	5,233.2	5,250.8	5,239.6	17.0	9.9	177.27	106.9	275.9	1,093.9	1,075.7	18.27	59.870	
5,400.0	5,331.8	5,349.5	5,338.3	17.4	10.0	177.32	106.6	275.4	1,110.2	1,091.6	18.62	59.632	
5,500.0	5,430.3	5,448.1	5,437.0	17.7	10.2	177.36	106.3	274.9	1,126.4	1,107.5	18.96	59.403	
5,600.0	5,528.9	5,546.8	5,535.6	18.1	10.3	177.41	106.0	274.3	1,142.7	1,123.4	19.31	59.182	
5,700.0	5,627.5	5,645.5	5,634.3	18.4	10.5	177.46	105.7	273.8	1,158.9	1,139.3	19.65	58.968	
5,800.0	5,726.1	5,744.1	5,733.0	18.7	10.7	177.50	105.4	273.3	1,175.2	1,155.2	20.00	58.763	
5,900.0	5,824.6	5,842.8	5,831.6	19.1	10.8	177.55	105.1	272.8	1,191.4	1,171.1	20.34	58.564	
6,000.0	5,923.2	5,941.5	5,930.3	19.4	11.0	177.59	104.8	272.2	1,207.7	1,187.0	20.69	58.371	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-23D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.69	107.5	80.1	134.0				
100.0	100.0	100.0	100.0	0.1	0.1	36.69	107.5	80.1	134.0	133.7	0.27	492.187	
200.0	200.0	200.0	200.0	0.3	0.3	36.69	107.5	80.1	134.0	133.4	0.62	215.678	
300.0	300.0	300.0	300.0	0.5	0.5	36.69	107.5	80.1	134.0	133.0	0.97	138.096	CC, ES
400.0	400.0	400.0	400.0	0.7	0.7	138.33	107.5	80.1	135.3	134.0	1.32	102.475	
500.0	499.8	499.8	499.8	0.9	0.8	139.71	107.5	80.1	139.3	137.6	1.68	83.127	
600.0	599.5	599.5	599.5	1.1	1.0	141.84	107.5	80.1	146.0	144.0	2.04	71.645	
700.0	698.7	698.7	698.7	1.3	1.2	144.49	107.5	80.1	155.8	153.4	2.41	64.677	
800.0	797.5	797.5	797.5	1.6	1.4	147.44	107.5	80.1	168.8	166.0	2.78	60.632	
900.0	896.0	896.0	896.0	2.0	1.5	150.26	107.5	80.1	183.3	180.1	3.16	58.058	
1,000.0	994.6	994.6	994.6	2.3	1.7	152.67	107.5	80.1	198.1	194.6	3.52	56.223	
1,100.0	1,093.2	1,086.7	1,086.7	2.6	1.9	154.58	108.3	81.0	214.7	210.8	3.88	55.377	SF
1,200.0	1,191.8	1,177.5	1,177.4	2.9	2.0	156.11	111.1	84.1	234.5	230.3	4.22	55.520	
1,300.0	1,290.3	1,272.6	1,272.2	3.3	2.2	157.39	115.6	89.1	256.8	252.3	4.58	56.120	
1,400.0	1,388.9	1,369.9	1,369.3	3.6	2.4	158.50	120.3	94.2	279.4	274.5	4.93	56.659	
1,500.0	1,487.5	1,467.2	1,466.3	4.0	2.6	159.43	124.9	99.4	302.0	296.8	5.29	57.151	
1,600.0	1,586.0	1,564.5	1,563.4	4.3	2.8	160.24	129.6	104.5	324.8	319.1	5.64	57.599	
1,700.0	1,684.6	1,661.8	1,660.4	4.6	3.0	160.94	134.3	109.6	347.5	341.5	5.99	58.006	
1,800.0	1,783.2	1,759.0	1,757.5	5.0	3.2	161.55	138.9	114.8	370.3	364.0	6.34	58.377	
1,900.0	1,881.8	1,856.3	1,854.5	5.3	3.4	162.10	143.6	119.9	393.2	386.5	6.70	58.716	
2,000.0	1,980.3	1,953.6	1,951.6	5.7	3.6	162.58	148.3	125.0	416.0	409.0	7.05	59.025	
2,100.0	2,078.9	2,050.9	2,048.6	6.0	3.8	163.01	152.9	130.2	438.9	431.5	7.40	59.309	
2,200.0	2,177.5	2,148.2	2,145.6	6.3	4.0	163.40	157.6	135.3	461.9	454.1	7.75	59.570	
2,300.0	2,276.0	2,245.5	2,242.7	6.7	4.2	163.76	162.2	140.5	484.8	476.7	8.11	59.811	
2,400.0	2,374.6	2,342.8	2,339.7	7.0	4.4	164.08	166.9	145.6	507.8	499.3	8.46	60.033	
2,500.0	2,473.2	2,440.1	2,436.8	7.4	4.6	164.37	171.6	150.7	530.7	521.9	8.81	60.239	
2,600.0	2,571.8	2,537.4	2,533.8	7.7	4.8	164.64	176.2	155.9	553.7	544.5	9.16	60.430	
2,700.0	2,670.3	2,634.7	2,630.9	8.1	5.0	164.89	180.9	161.0	576.7	567.2	9.52	60.608	
2,800.0	2,768.9	2,732.0	2,727.9	8.4	5.2	165.12	185.5	166.1	599.7	589.8	9.87	60.773	
2,900.0	2,867.5	2,829.3	2,825.0	8.7	5.4	165.33	190.2	171.3	622.7	612.5	10.22	60.928	
3,000.0	2,966.1	2,926.6	2,922.0	9.1	5.6	165.53	194.9	176.4	645.7	635.1	10.57	61.073	
3,100.0	3,064.6	3,023.8	3,019.0	9.4	5.8	165.71	199.5	181.6	668.7	657.8	10.93	61.208	
3,200.0	3,163.2	3,121.1	3,116.1	9.8	6.0	165.88	204.2	186.7	691.8	680.5	11.28	61.336	
3,300.0	3,261.8	3,218.4	3,213.1	10.1	6.2	166.04	208.9	191.8	714.8	703.2	11.63	61.456	
3,400.0	3,360.3	3,315.7	3,310.2	10.5	6.4	166.19	213.5	197.0	737.8	725.9	11.98	61.569	
3,500.0	3,458.9	3,413.0	3,407.2	10.8	6.6	166.33	218.2	202.1	760.9	748.6	12.34	61.676	
3,600.0	3,557.5	3,510.3	3,504.3	11.2	6.8	166.47	222.8	207.2	783.9	771.3	12.69	61.777	
3,700.0	3,656.1	3,607.6	3,601.3	11.5	7.0	166.59	227.5	212.4	807.0	794.0	13.04	61.873	
3,800.0	3,754.6	3,704.9	3,698.4	11.8	7.2	166.71	232.2	217.5	830.0	816.7	13.40	61.963	
3,900.0	3,853.2	3,802.2	3,795.4	12.2	7.4	166.82	236.8	222.7	853.1	839.4	13.75	62.049	
4,000.0	3,951.8	3,899.5	3,892.4	12.5	7.6	166.93	241.5	227.8	876.2	862.1	14.10	62.131	
4,100.0	4,050.3	3,996.8	3,989.5	12.9	7.8	167.03	246.2	232.9	899.2	884.8	14.46	62.209	
4,200.0	4,148.9	4,094.1	4,086.5	13.2	8.1	167.12	250.8	238.1	922.3	907.5	14.81	62.283	
4,300.0	4,247.5	4,191.3	4,183.6	13.6	8.3	167.21	255.5	243.2	945.4	930.2	15.16	62.354	
4,400.0	4,346.1	4,288.6	4,280.6	13.9	8.5	167.30	260.1	248.4	968.4	952.9	15.51	62.421	
4,500.0	4,444.6	4,385.9	4,377.7	14.3	8.7	167.38	264.8	253.5	991.5	975.6	15.87	62.486	
4,600.0	4,543.2	4,483.2	4,474.7	14.6	8.9	167.46	269.5	258.6	1,014.6	998.4	16.22	62.547	
4,700.0	4,641.8	4,580.5	4,571.7	15.0	9.1	167.54	274.1	263.8	1,037.7	1,021.1	16.57	62.607	
4,800.0	4,740.3	4,677.8	4,668.8	15.3	9.3	167.61	278.8	268.9	1,060.7	1,043.8	16.93	62.663	
4,900.0	4,838.9	4,775.1	4,765.8	15.6	9.5	167.68	283.4	274.0	1,083.8	1,066.5	17.28	62.717	
5,000.0	4,937.5	4,872.4	4,862.9	16.0	9.7	167.74	288.1	279.2	1,106.9	1,089.3	17.63	62.770	
5,100.0	5,036.1	4,969.7	4,959.9	16.3	9.9	167.81	292.8	284.3	1,130.0	1,112.0	17.99	62.820	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-23D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,200.0	5,134.6	5,067.0	5,057.0	16.7	10.1	167.87	297.4	289.5	1,153.1	1,134.7	18.34	62.868	
5,300.0	5,233.2	5,164.3	5,154.0	17.0	10.3	167.93	302.1	294.6	1,176.2	1,157.5	18.69	62.914	
5,400.0	5,331.8	5,261.6	5,251.1	17.4	10.5	167.98	306.8	299.7	1,199.2	1,180.2	19.05	62.959	

Cathedral Energy Services

Anticollision Report

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-25D - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 139-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.67	95.4	71.1	119.0				
100.0	100.0	98.8	98.8	0.1	0.1	36.65	95.8	71.3	119.5	119.2	0.28	422.716	
200.0	200.0	197.1	197.1	0.3	0.3	36.55	97.2	72.1	121.1	120.5	0.62	194.837	
300.0	300.0	294.8	294.7	0.5	0.5	36.07	100.5	73.2	124.4	123.4	0.98	127.419	
400.0	400.0	390.5	390.2	0.7	0.7	136.47	106.4	74.2	131.4	130.1	1.31	100.204	
500.0	499.8	485.3	484.6	0.9	0.9	136.06	115.7	76.0	144.2	142.6	1.67	86.412	
600.0	599.5	583.4	581.9	1.1	1.2	135.83	128.0	77.3	161.5	159.4	2.06	78.478	
700.0	698.7	681.1	678.6	1.3	1.5	135.59	141.4	76.8	181.1	178.6	2.48	73.022	
800.0	797.5	777.0	773.5	1.6	1.8	135.88	155.2	76.0	203.5	200.6	2.92	69.673	
900.0	896.0	872.0	867.5	2.0	2.0	136.91	168.8	76.8	227.8	224.4	3.37	67.691	
1,000.0	994.6	969.0	963.5	2.3	2.3	137.83	182.9	78.2	252.6	248.8	3.83	66.037	
1,100.0	1,093.2	1,062.3	1,055.7	2.6	2.6	138.54	196.9	79.9	278.0	273.7	4.27	65.039	
1,200.0	1,191.8	1,157.9	1,150.1	2.9	2.9	139.06	212.1	81.7	304.2	299.5	4.74	64.140	
1,300.0	1,290.3	1,255.3	1,246.2	3.3	3.3	139.51	227.6	83.5	330.5	325.3	5.21	63.474	
1,400.0	1,388.9	1,357.4	1,347.2	3.6	3.6	140.01	242.7	85.2	355.7	350.0	5.68	62.605	
1,500.0	1,487.5	1,453.5	1,442.3	4.0	3.9	140.47	256.2	86.7	380.4	374.2	6.14	61.966	
1,600.0	1,586.0	1,550.1	1,538.0	4.3	4.1	140.93	269.6	88.7	405.3	398.7	6.59	61.453	
1,700.0	1,684.6	1,650.1	1,637.0	4.6	4.4	141.34	283.4	90.3	429.8	422.8	7.06	60.867	
1,800.0	1,783.2	1,749.7	1,735.8	5.0	4.7	141.69	296.5	91.5	453.6	446.1	7.53	60.278	
1,900.0	1,881.8	1,846.7	1,831.9	5.3	5.0	142.05	309.0	92.7	477.3	469.3	7.98	59.814	
2,000.0	1,980.3	1,943.2	1,927.7	5.7	5.3	142.42	321.1	94.3	501.0	492.6	8.43	59.451	
2,100.0	2,078.9	2,037.9	2,021.6	6.0	5.5	142.83	332.7	96.6	525.1	516.2	8.86	59.238	
2,200.0	2,177.5	2,135.2	2,118.1	6.3	5.8	143.22	344.9	99.1	549.4	540.1	9.31	59.029	
2,300.0	2,276.0	2,235.3	2,217.4	6.7	6.1	143.57	357.1	101.4	573.4	563.6	9.76	58.759	
2,400.0	2,374.6	2,331.1	2,312.5	7.0	6.3	143.87	368.8	103.2	597.0	586.8	10.20	58.529	
2,500.0	2,473.2	2,422.0	2,402.6	7.4	6.6	144.12	380.4	105.4	621.6	610.9	10.64	58.437	
2,600.0	2,571.8	2,514.5	2,494.2	7.7	6.9	144.26	393.4	107.4	646.7	635.6	11.09	58.318	
2,700.0	2,670.3	2,604.9	2,583.5	8.1	7.2	144.31	407.4	109.2	672.9	661.4	11.54	58.295	
2,800.0	2,768.9	2,705.8	2,683.2	8.4	7.5	144.38	422.9	111.5	699.1	687.1	12.02	58.172	
2,900.0	2,867.5	2,806.4	2,782.6	8.7	7.8	144.41	438.1	113.0	724.6	712.1	12.50	57.973	
3,000.0	2,966.1	2,904.6	2,879.6	9.1	8.2	144.39	453.2	113.8	749.8	736.8	12.98	57.760	
3,100.0	3,064.6	3,007.5	2,981.3	9.4	8.5	144.35	469.0	114.2	774.8	761.3	13.47	57.497	
3,200.0	3,163.2	3,103.8	3,076.6	9.8	8.8	144.35	482.7	114.4	798.8	784.8	13.95	57.280	
3,300.0	3,261.8	3,185.3	3,157.2	10.1	9.0	144.38	494.8	115.5	824.1	809.7	14.38	57.314	
3,400.0	3,360.3	3,268.9	3,239.7	10.5	9.3	144.43	508.3	118.1	851.4	836.6	14.81	57.483	
3,500.0	3,458.9	3,382.1	3,351.5	10.8	9.7	144.52	526.0	121.5	878.3	863.0	15.31	57.369	
3,600.0	3,557.5	3,479.5	3,447.8	11.2	10.0	144.55	540.4	122.9	903.5	887.7	15.78	57.246	SF
3,700.0	3,656.1	3,566.9	3,534.0	11.5	10.3	144.54	554.5	124.6	930.1	913.9	16.23	57.293	
3,800.0	3,754.6	3,659.9	3,625.8	11.8	10.6	144.57	569.2	126.8	956.6	940.0	16.70	57.300	
3,900.0	3,853.2	3,736.5	3,701.2	12.2	10.9	144.56	582.5	129.0	984.7	967.5	17.13	57.490	
4,000.0	3,951.8	3,815.0	3,778.1	12.5	11.2	144.51	597.7	132.0	1,014.7	997.1	17.57	57.759	
4,100.0	4,050.3	3,917.3	3,878.3	12.9	11.6	144.42	618.2	135.9	1,045.2	1,027.2	18.08	57.825	
4,200.0	4,148.9	4,018.1	3,977.0	13.2	12.0	144.27	638.7	138.2	1,075.0	1,056.4	18.60	57.808	
4,300.0	4,247.5	4,124.8	4,081.6	13.6	12.4	144.14	659.5	140.3	1,103.9	1,084.7	19.12	57.733	
4,400.0	4,346.1	4,216.3	4,171.4	13.9	12.7	144.01	677.3	141.6	1,132.5	1,112.8	19.62	57.727	
4,500.0	4,444.6	4,301.8	4,254.9	14.3	13.1	143.85	695.2	142.7	1,161.9	1,141.8	20.10	57.793	
4,600.0	4,543.2	4,411.7	4,362.6	14.6	13.5	143.70	717.2	144.5	1,190.9	1,170.3	20.64	57.699	
4,700.0	4,641.8	4,515.2	4,464.2	15.0	13.9	143.60	736.8	146.1	1,219.3	1,198.1	21.16	57.632	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-32D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-143.39	-36.1	-26.8	44.9				
100.0	100.0	100.0	100.0	0.1	0.1	-143.39	-36.1	-26.8	44.9	44.6	0.27	164.984	
200.0	200.0	200.0	200.0	0.3	0.3	-143.39	-36.1	-26.8	44.9	44.3	0.62	72.296	CC, ES
300.0	300.0	298.4	298.4	0.5	0.5	-143.28	-37.4	-27.9	46.6	45.7	0.97	48.013	
400.0	400.0	396.7	396.5	0.7	0.7	-43.05	-41.2	-31.1	50.5	49.2	1.32	38.392	
500.0	499.8	494.7	494.2	0.9	0.9	-45.99	-47.7	-36.5	55.3	53.6	1.67	33.099	
600.0	599.5	592.5	591.3	1.1	1.2	-50.29	-56.7	-44.0	61.3	59.3	2.05	29.917	
700.0	698.7	689.9	687.5	1.3	1.5	-55.32	-68.1	-53.6	68.9	66.4	2.48	27.804	
800.0	797.5	786.8	782.7	1.6	1.8	-60.54	-82.0	-65.2	78.4	75.4	2.98	26.266	
900.0	896.0	883.6	877.1	2.0	2.2	-64.50	-98.3	-78.8	90.8	87.3	3.54	25.643	
1,000.0	994.6	982.5	973.3	2.3	2.6	-67.22	-116.0	-93.6	104.8	100.7	4.14	25.332	
1,100.0	1,093.2	1,081.4	1,069.5	2.6	3.1	-69.30	-133.6	-108.4	118.9	114.2	4.75	25.022	
1,200.0	1,191.8	1,180.3	1,165.7	2.9	3.5	-70.94	-151.3	-123.1	133.2	127.8	5.38	24.736	
1,300.0	1,290.3	1,279.2	1,261.9	3.3	3.9	-72.26	-168.9	-137.9	147.5	141.5	6.03	24.482	
1,400.0	1,388.9	1,378.2	1,358.1	3.6	4.4	-73.34	-186.6	-152.6	161.9	155.3	6.68	24.257	
1,500.0	1,487.5	1,477.1	1,454.3	4.0	4.8	-74.25	-204.3	-167.4	176.4	169.1	7.33	24.061	
1,600.0	1,586.0	1,576.0	1,550.5	4.3	5.2	-75.02	-221.9	-182.2	190.9	182.9	7.99	23.888	
1,700.0	1,684.6	1,674.9	1,646.7	4.6	5.7	-75.68	-239.6	-196.9	205.4	196.8	8.65	23.736	
1,800.0	1,783.2	1,773.8	1,742.9	5.0	6.1	-76.25	-257.2	-211.7	220.0	210.6	9.32	23.601	
1,900.0	1,881.8	1,872.7	1,839.1	5.3	6.5	-76.76	-274.9	-226.5	234.5	224.5	9.99	23.482	
2,000.0	1,980.3	1,971.6	1,935.3	5.7	7.0	-77.20	-292.5	-241.2	249.1	238.4	10.66	23.375	
2,100.0	2,078.9	2,070.6	2,031.5	6.0	7.4	-77.59	-310.2	-256.0	263.7	252.4	11.33	23.279	
2,200.0	2,177.5	2,169.5	2,127.7	6.3	7.9	-77.95	-327.8	-270.7	278.3	266.3	12.00	23.192	
2,300.0	2,276.0	2,268.4	2,223.9	6.7	8.3	-78.27	-345.5	-285.5	292.9	280.2	12.67	23.114	
2,400.0	2,374.6	2,367.3	2,320.1	7.0	8.7	-78.55	-363.2	-300.3	307.5	294.2	13.35	23.043	
2,500.0	2,473.2	2,466.2	2,416.3	7.4	9.2	-78.82	-380.8	-315.0	322.2	308.1	14.02	22.978	
2,600.0	2,571.8	2,565.1	2,512.5	7.7	9.6	-79.06	-398.5	-329.8	336.8	322.1	14.70	22.918	
2,700.0	2,670.3	2,664.0	2,608.7	8.1	10.1	-79.27	-416.1	-344.5	351.4	336.1	15.37	22.863	
2,800.0	2,768.9	2,763.0	2,704.9	8.4	10.5	-79.48	-433.8	-359.3	366.1	350.0	16.05	22.813	
2,900.0	2,867.5	2,861.9	2,801.1	8.7	10.9	-79.66	-451.4	-374.1	380.7	364.0	16.72	22.766	
3,000.0	2,966.1	2,960.8	2,897.3	9.1	11.4	-79.83	-469.1	-388.8	395.4	378.0	17.40	22.723	
3,100.0	3,064.6	3,059.7	2,993.5	9.4	11.8	-79.99	-486.7	-403.6	410.0	391.9	18.08	22.683	
3,200.0	3,163.2	3,158.6	3,089.7	9.8	12.3	-80.14	-504.4	-418.3	424.7	405.9	18.75	22.645	
3,300.0	3,261.8	3,257.5	3,185.9	10.1	12.7	-80.28	-522.1	-433.1	439.3	419.9	19.43	22.610	
3,400.0	3,360.3	3,356.4	3,282.1	10.5	13.1	-80.41	-539.7	-447.9	454.0	433.9	20.11	22.577	
3,500.0	3,458.9	3,455.4	3,378.3	10.8	13.6	-80.53	-557.4	-462.6	468.7	447.9	20.79	22.546	
3,600.0	3,557.5	3,554.3	3,474.5	11.2	14.0	-80.65	-575.0	-477.4	483.3	461.9	21.46	22.517	
3,700.0	3,656.1	3,653.2	3,570.7	11.5	14.5	-80.76	-592.7	-492.2	498.0	475.8	22.14	22.490	
3,800.0	3,754.6	3,752.1	3,666.9	11.8	14.9	-80.86	-610.3	-506.9	512.7	489.8	22.82	22.464	
3,900.0	3,853.2	3,851.0	3,763.1	12.2	15.3	-80.95	-628.0	-521.7	527.3	503.8	23.50	22.440	
4,000.0	3,951.8	3,949.9	3,859.3	12.5	15.8	-81.04	-645.6	-536.4	542.0	517.8	24.18	22.417	
4,100.0	4,050.3	4,048.8	3,955.5	12.9	16.2	-81.13	-663.3	-551.2	556.7	531.8	24.86	22.395	
4,200.0	4,148.9	4,147.8	4,051.7	13.2	16.7	-81.21	-681.0	-566.0	571.3	545.8	25.54	22.375	
4,300.0	4,247.5	4,246.7	4,147.9	13.6	17.1	-81.29	-698.6	-580.7	586.0	559.8	26.21	22.355	
4,400.0	4,346.1	4,345.6	4,244.1	13.9	17.5	-81.36	-716.3	-595.5	600.7	573.8	26.89	22.336	
4,500.0	4,444.6	4,444.5	4,340.3	14.3	18.0	-81.43	-733.9	-610.2	615.4	587.8	27.57	22.318	
4,600.0	4,543.2	4,543.4	4,436.5	14.6	18.4	-81.50	-751.6	-625.0	630.1	601.8	28.25	22.301	
4,700.0	4,641.8	4,642.3	4,532.7	15.0	18.9	-81.56	-769.2	-639.8	644.7	615.8	28.93	22.285	
4,800.0	4,740.3	4,741.2	4,628.9	15.3	19.3	-81.63	-786.9	-654.5	659.4	629.8	29.61	22.270	
4,900.0	4,838.9	4,840.2	4,725.1	15.6	19.7	-81.68	-804.5	-669.3	674.1	643.8	30.29	22.255	
5,000.0	4,937.5	4,939.1	4,821.3	16.0	20.2	-81.74	-822.2	-684.0	688.8	657.8	30.97	22.241	
5,100.0	5,036.1	5,038.0	4,917.5	16.3	20.6	-81.79	-839.9	-698.8	703.5	671.8	31.65	22.227	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-32D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,200.0	5,134.6	5,136.9	5,013.7	16.7	21.1	-81.84	-857.5	-713.6	718.1	685.8	32.33	22.214	
5,300.0	5,233.2	5,235.8	5,109.9	17.0	21.5	-81.89	-875.2	-728.3	732.8	699.8	33.01	22.202	
5,400.0	5,331.8	5,334.7	5,206.1	17.4	22.0	-81.94	-892.8	-743.1	747.5	713.8	33.69	22.190	
5,500.0	5,430.3	5,433.6	5,302.3	17.7	22.4	-81.99	-910.5	-757.9	762.2	727.8	34.37	22.178	
5,600.0	5,528.9	5,532.6	5,398.5	18.1	22.8	-82.03	-928.1	-772.6	776.9	741.8	35.05	22.167	
5,700.0	5,627.5	5,631.5	5,494.7	18.4	23.3	-82.07	-945.8	-787.4	791.6	755.8	35.73	22.156	
5,800.0	5,726.1	5,730.4	5,590.9	18.7	23.7	-82.11	-963.4	-802.1	806.2	769.8	36.41	22.146	
5,900.0	5,824.6	5,829.3	5,687.1	19.1	24.2	-82.15	-981.1	-816.9	820.9	783.8	37.09	22.136	
6,000.0	5,923.2	5,928.2	5,783.3	19.4	24.6	-82.19	-998.8	-831.7	835.6	797.9	37.77	22.127	
6,100.0	6,021.8	6,027.1	5,879.5	19.8	25.0	-82.23	-1,016.4	-846.4	850.3	811.9	38.45	22.117	
6,200.0	6,120.3	6,126.0	5,975.7	20.1	25.5	-82.26	-1,034.1	-861.2	865.0	825.9	39.12	22.108	
6,300.0	6,218.9	6,225.0	6,071.9	20.5	25.9	-82.30	-1,051.7	-875.9	879.7	839.9	39.80	22.100	
6,400.0	6,317.5	6,323.9	6,168.1	20.8	26.4	-82.33	-1,069.4	-890.7	894.4	853.9	40.48	22.091	
6,500.0	6,416.1	6,422.8	6,264.3	21.2	26.8	-82.36	-1,087.0	-905.5	909.1	867.9	41.16	22.083	
6,600.0	6,514.6	6,521.7	6,360.5	21.5	27.2	-82.39	-1,104.7	-920.2	923.7	881.9	41.84	22.075	
6,700.0	6,613.2	6,620.6	6,456.7	21.9	27.7	-82.42	-1,122.3	-935.0	938.4	895.9	42.52	22.068	
6,800.0	6,711.8	6,726.1	6,559.3	22.2	28.1	-82.46	-1,141.1	-950.6	953.0	909.8	43.22	22.051	
6,900.0	6,810.4	6,856.6	6,687.1	22.5	28.6	-82.76	-1,161.2	-967.5	965.5	921.5	44.00	21.944	
7,000.0	6,909.5	6,987.8	6,816.8	22.8	29.0	-83.12	-1,176.9	-980.6	975.1	930.4	44.68	21.826	
7,100.0	7,009.1	7,119.7	6,947.8	23.0	29.3	-83.41	-1,188.1	-990.0	981.9	936.7	45.22	21.715	
7,200.0	7,108.9	7,251.9	7,079.7	23.2	29.5	-83.62	-1,194.7	-995.4	985.8	940.2	45.63	21.606	
7,300.0	7,208.8	7,380.8	7,208.6	23.3	29.6	-83.75	-1,196.6	-997.0	986.8	940.9	45.91	21.494	
7,326.7	7,235.5	7,407.1	7,234.9	23.3	29.6	-81.98	-1,196.6	-997.1	986.8	940.8	45.97	21.467	
7,400.0	7,308.8	7,479.1	7,306.9	23.4	29.7	-64.84	-1,196.7	-997.3	986.9	940.7	46.11	21.401	
7,500.0	7,408.8	7,577.3	7,405.1	23.5	29.8	-64.84	-1,197.0	-997.8	986.9	940.6	46.33	21.303	
7,600.0	7,508.8	7,675.5	7,503.3	23.6	29.9	-64.83	-1,197.6	-998.8	987.0	940.4	46.56	21.200	
7,700.0	7,608.8	7,774.5	7,602.3	23.7	30.0	-64.82	-1,198.3	-1,000.1	987.0	940.2	46.79	21.093	
7,800.0	7,708.8	7,874.5	7,702.3	23.8	30.1	-64.82	-1,199.1	-1,001.4	987.0	940.0	47.04	20.985	
7,900.0	7,808.8	7,974.5	7,802.3	24.0	30.2	-64.82	-1,199.9	-1,002.8	987.0	939.7	47.28	20.877	
8,000.0	7,908.8	8,074.5	7,902.3	24.1	30.3	-64.82	-1,200.6	-1,004.1	987.0	939.5	47.52	20.770	
8,100.0	8,008.8	8,174.5	8,002.2	24.2	30.4	-64.82	-1,201.4	-1,005.5	987.0	939.3	47.77	20.663	
8,200.0	8,108.7	8,274.5	8,102.2	24.3	30.5	-64.82	-1,202.2	-1,006.8	987.0	939.0	48.01	20.557	
8,300.0	8,208.7	8,374.5	8,202.2	24.4	30.6	-64.82	-1,203.0	-1,008.2	987.0	938.8	48.26	20.451	
8,400.0	8,308.7	8,474.5	8,302.2	24.6	30.7	-64.82	-1,203.8	-1,009.5	987.0	938.5	48.51	20.346	
8,500.0	8,408.7	8,574.5	8,402.2	24.7	30.8	-64.82	-1,204.5	-1,010.9	987.0	938.3	48.76	20.241	
8,600.0	8,508.7	8,674.5	8,502.2	24.8	30.9	-64.82	-1,205.3	-1,012.2	987.0	938.0	49.02	20.137	
8,700.0	8,608.7	8,774.5	8,602.2	24.9	31.0	-64.82	-1,206.1	-1,013.6	987.0	937.7	49.27	20.033	
8,800.0	8,708.7	8,874.5	8,702.2	25.1	31.1	-64.82	-1,206.9	-1,014.9	987.0	937.5	49.52	19.930	
8,900.0	8,808.7	8,974.5	8,802.1	25.2	31.2	-64.82	-1,207.6	-1,016.3	987.0	937.2	49.78	19.828	
9,000.0	8,908.6	9,074.5	8,902.1	25.3	31.3	-64.82	-1,208.4	-1,017.6	987.0	937.0	50.04	19.726	
9,100.0	9,008.6	9,174.5	9,002.1	25.5	31.5	-64.82	-1,209.2	-1,019.0	987.0	936.7	50.29	19.625	
9,200.0	9,108.6	9,274.5	9,102.1	25.6	31.6	-64.82	-1,210.0	-1,020.3	987.0	936.4	50.55	19.524	
9,300.0	9,208.6	9,374.5	9,202.1	25.7	31.7	-64.82	-1,210.7	-1,021.7	987.0	936.2	50.81	19.424	
9,400.0	9,308.6	9,474.5	9,302.1	25.8	31.8	-64.82	-1,211.5	-1,023.0	987.0	935.9	51.07	19.324	
9,500.0	9,408.6	9,574.5	9,402.1	26.0	31.9	-64.82	-1,212.3	-1,024.4	987.0	935.7	51.34	19.226	
9,600.0	9,508.6	9,674.5	9,502.1	26.1	32.0	-64.82	-1,213.1	-1,025.7	987.0	935.4	51.60	19.127	
9,700.0	9,608.6	9,774.5	9,602.0	26.2	32.1	-64.82	-1,213.9	-1,027.1	987.0	935.1	51.87	19.030	
9,800.0	9,708.5	9,874.5	9,702.0	26.4	32.2	-64.82	-1,214.6	-1,028.4	987.0	934.9	52.13	18.933	
9,900.0	9,808.5	9,974.5	9,802.0	26.5	32.4	-64.82	-1,215.4	-1,029.8	987.0	934.6	52.40	18.836	
10,000.0	9,908.5	10,074.5	9,902.0	26.6	32.5	-64.82	-1,216.2	-1,031.1	987.0	934.3	52.67	18.740	
10,039.6	9,948.1	10,114.1	9,941.6	26.7	32.5	-64.82	-1,216.5	-1,031.6	987.0	934.2	52.77	18.703	
10,080.5	9,989.0	10,121.5	9,949.0	26.7	32.5	-64.82	-1,216.6	-1,031.7	987.5	934.7	52.84	18.691	SF

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
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Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-33D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-143.11	-24.0	-18.0	30.1				
100.0	100.0	100.0	100.0	0.1	0.1	-143.11	-24.0	-18.0	30.1	29.8	0.27	110.402	
200.0	200.0	200.0	200.0	0.3	0.3	-143.11	-24.0	-18.0	30.1	29.4	0.62	48.379	
300.0	300.0	300.0	300.0	0.5	0.5	-143.11	-24.0	-18.0	30.1	29.1	0.97	30.976	CC, ES
400.0	400.0	399.0	399.0	0.7	0.7	-43.38	-25.1	-19.4	30.5	29.1	1.32	23.089	
500.0	499.8	497.9	497.8	0.9	0.9	-47.46	-28.4	-23.3	31.7	30.1	1.68	18.929	
600.0	599.5	596.8	596.2	1.1	1.1	-53.50	-33.9	-29.8	34.2	32.2	2.06	16.578	
700.0	698.7	695.5	694.2	1.3	1.3	-60.50	-41.6	-38.9	38.2	35.7	2.51	15.207	
800.0	797.5	794.1	791.6	1.6	1.6	-67.43	-51.3	-50.6	44.0	41.0	3.06	14.414	
900.0	896.0	892.6	888.4	2.0	2.0	-71.48	-63.3	-64.8	52.5	48.8	3.65	14.365	
1,000.0	994.6	992.1	985.9	2.3	2.3	-73.59	-76.1	-80.1	61.9	57.7	4.27	14.505	
1,100.0	1,093.2	1,091.6	1,083.4	2.6	2.7	-75.14	-88.9	-95.4	71.5	66.6	4.91	14.571	
1,200.0	1,191.8	1,191.2	1,180.9	2.9	3.1	-76.32	-101.8	-110.7	81.1	75.5	5.55	14.597	
1,300.0	1,290.3	1,290.7	1,278.4	3.3	3.5	-77.26	-114.6	-126.0	90.7	84.5	6.21	14.603	
1,400.0	1,388.9	1,390.2	1,375.9	3.6	3.8	-78.01	-127.4	-141.4	100.3	93.4	6.87	14.598	
1,500.0	1,487.5	1,489.7	1,473.4	4.0	4.2	-78.63	-140.3	-156.7	110.0	102.4	7.54	14.588	
1,600.0	1,586.0	1,589.3	1,570.9	4.3	4.6	-79.15	-153.1	-172.0	119.6	111.4	8.21	14.575	
1,700.0	1,684.6	1,688.8	1,668.4	4.6	5.0	-79.60	-165.9	-187.3	129.3	120.4	8.88	14.561	
1,800.0	1,783.2	1,788.3	1,765.9	5.0	5.4	-79.98	-178.8	-202.6	138.9	129.4	9.55	14.547	
1,900.0	1,881.8	1,887.9	1,863.4	5.3	5.8	-80.31	-191.6	-217.9	148.6	138.4	10.23	14.532	
2,000.0	1,980.3	1,987.4	1,960.9	5.7	6.2	-80.60	-204.4	-233.2	158.3	147.4	10.90	14.519	
2,100.0	2,078.9	2,086.9	2,058.4	6.0	6.6	-80.86	-217.3	-248.5	168.0	156.4	11.58	14.505	
2,200.0	2,177.5	2,186.4	2,155.9	6.3	6.9	-81.09	-230.1	-263.8	177.7	165.4	12.26	14.493	
2,300.0	2,276.0	2,286.0	2,253.4	6.7	7.3	-81.29	-242.9	-279.1	187.4	174.4	12.94	14.481	
2,400.0	2,374.6	2,385.5	2,350.9	7.0	7.7	-81.48	-255.8	-294.4	197.0	183.4	13.62	14.470	
2,500.0	2,473.2	2,485.0	2,448.4	7.4	8.1	-81.65	-268.6	-309.7	206.7	192.4	14.30	14.459	
2,600.0	2,571.8	2,584.5	2,545.9	7.7	8.5	-81.80	-281.4	-325.0	216.4	201.5	14.98	14.450	
2,700.0	2,670.3	2,684.1	2,643.4	8.1	8.9	-81.94	-294.3	-340.3	226.1	210.5	15.66	14.440	
2,800.0	2,768.9	2,783.6	2,740.9	8.4	9.3	-82.07	-307.1	-355.6	235.8	219.5	16.34	14.431	
2,900.0	2,867.5	2,883.1	2,838.4	8.7	9.7	-82.19	-320.0	-371.0	245.5	228.5	17.02	14.423	
3,000.0	2,966.1	2,982.7	2,935.9	9.1	10.1	-82.30	-332.8	-386.3	255.2	237.5	17.70	14.415	
3,100.0	3,064.6	3,082.2	3,033.4	9.4	10.5	-82.40	-345.6	-401.6	264.9	246.5	18.39	14.408	
3,200.0	3,163.2	3,181.7	3,130.9	9.8	10.9	-82.49	-358.5	-416.9	274.6	255.6	19.07	14.401	
3,300.0	3,261.8	3,281.2	3,228.4	10.1	11.3	-82.58	-371.3	-432.2	284.3	264.6	19.75	14.395	
3,400.0	3,360.3	3,380.8	3,325.9	10.5	11.6	-82.66	-384.1	-447.5	294.0	273.6	20.44	14.388	
3,500.0	3,458.9	3,480.3	3,423.4	10.8	12.0	-82.74	-397.0	-462.8	303.7	282.6	21.12	14.382	
3,600.0	3,557.5	3,579.8	3,520.9	11.2	12.4	-82.81	-409.8	-478.1	313.4	291.6	21.80	14.377	
3,700.0	3,656.1	3,679.3	3,618.4	11.5	12.8	-82.88	-422.6	-493.4	323.1	300.7	22.48	14.371	
3,800.0	3,754.6	3,778.9	3,715.9	11.8	13.2	-82.94	-435.5	-508.7	332.8	309.7	23.17	14.366	
3,900.0	3,853.2	3,878.4	3,813.4	12.2	13.6	-83.00	-448.3	-524.0	342.5	318.7	23.85	14.362	
4,000.0	3,951.8	3,977.9	3,910.9	12.5	14.0	-83.06	-461.1	-539.3	352.3	327.7	24.54	14.357	
4,100.0	4,050.3	4,077.5	4,008.4	12.9	14.4	-83.11	-474.0	-554.6	362.0	336.7	25.22	14.353	
4,200.0	4,148.9	4,177.0	4,105.9	13.2	14.8	-83.17	-486.8	-569.9	371.7	345.8	25.90	14.348	
4,300.0	4,247.5	4,276.5	4,203.4	13.6	15.2	-83.21	-499.6	-585.2	381.4	354.8	26.59	14.344	
4,400.0	4,346.1	4,376.0	4,300.9	13.9	15.6	-83.26	-512.5	-600.6	391.1	363.8	27.27	14.341	
4,500.0	4,444.6	4,475.6	4,398.4	14.3	16.0	-83.30	-525.3	-615.9	400.8	372.8	27.95	14.337	
4,600.0	4,543.2	4,575.1	4,495.9	14.6	16.4	-83.34	-538.1	-631.2	410.5	381.8	28.64	14.333	
4,700.0	4,641.8	4,674.6	4,593.5	15.0	16.7	-83.38	-551.0	-646.5	420.2	390.9	29.32	14.330	
4,800.0	4,740.3	4,774.1	4,691.0	15.3	17.1	-83.42	-563.8	-661.8	429.9	399.9	30.01	14.327	
4,900.0	4,838.9	4,873.7	4,788.5	15.6	17.5	-83.46	-576.6	-677.1	439.6	408.9	30.69	14.324	
5,000.0	4,937.5	4,973.2	4,886.0	16.0	17.9	-83.49	-589.5	-692.4	449.3	417.9	31.37	14.321	
5,100.0	5,036.1	5,072.7	4,983.5	16.3	18.3	-83.53	-602.3	-707.7	459.0	427.0	32.06	14.318	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-33D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,200.0	5,134.6	5,172.3	5,081.0	16.7	18.7	-83.56	-615.1	-723.0	468.7	436.0	32.74	14.315	
5,300.0	5,233.2	5,271.8	5,178.5	17.0	19.1	-83.59	-628.0	-738.3	478.4	445.0	33.43	14.312	
5,400.0	5,331.8	5,371.3	5,276.0	17.4	19.5	-83.62	-640.8	-753.6	488.1	454.0	34.11	14.310	
5,500.0	5,430.3	5,470.8	5,373.5	17.7	19.9	-83.65	-653.7	-768.9	497.9	463.1	34.80	14.307	
5,600.0	5,528.9	5,570.4	5,471.0	18.1	20.3	-83.67	-666.5	-784.2	507.6	472.1	35.48	14.305	
5,700.0	5,627.5	5,669.9	5,568.5	18.4	20.7	-83.70	-679.3	-799.5	517.3	481.1	36.17	14.303	
5,800.0	5,726.1	5,769.4	5,666.0	18.7	21.1	-83.73	-692.2	-814.9	527.0	490.1	36.85	14.301	
5,900.0	5,824.6	5,868.9	5,763.5	19.1	21.5	-83.75	-705.0	-830.2	536.7	499.1	37.53	14.298	
6,000.0	5,923.2	5,968.5	5,861.0	19.4	21.9	-83.77	-717.8	-845.5	546.4	508.2	38.22	14.296	
6,100.0	6,021.8	6,068.0	5,958.5	19.8	22.2	-83.80	-730.7	-860.8	556.1	517.2	38.90	14.294	
6,200.0	6,120.3	6,167.5	6,056.0	20.1	22.6	-83.82	-743.5	-876.1	565.8	526.2	39.59	14.292	
6,300.0	6,218.9	6,267.1	6,153.5	20.5	23.0	-83.84	-756.3	-891.4	575.5	535.2	40.27	14.290	
6,400.0	6,317.5	6,366.6	6,251.0	20.8	23.4	-83.86	-769.2	-906.7	585.2	544.3	40.96	14.289	
6,500.0	6,416.1	6,466.1	6,348.5	21.2	23.8	-83.88	-782.0	-922.0	594.9	553.3	41.64	14.287	
6,600.0	6,514.6	6,565.6	6,446.0	21.5	24.2	-83.90	-794.8	-937.3	604.6	562.3	42.33	14.285	
6,700.0	6,613.2	6,665.2	6,543.5	21.9	24.6	-83.92	-807.7	-952.6	614.4	571.3	43.01	14.283	
6,800.0	6,711.8	6,765.7	6,642.0	22.2	25.0	-83.93	-820.6	-968.1	624.1	580.4	43.70	14.281	
6,900.0	6,810.4	6,879.4	6,753.8	22.5	25.4	-84.18	-833.7	-983.6	632.5	588.1	44.41	14.244	
7,000.0	6,909.5	6,993.4	6,866.7	22.8	25.7	-84.48	-843.9	-995.8	639.1	594.1	45.01	14.200	
7,100.0	7,009.1	7,107.6	6,980.3	23.0	25.9	-84.73	-851.2	-1,004.5	643.8	598.3	45.49	14.153	
7,200.0	7,108.9	7,221.9	7,094.5	23.2	26.1	-84.91	-855.6	-1,009.7	646.6	600.7	45.85	14.102	
7,300.0	7,208.8	7,336.3	7,208.8	23.3	26.2	-85.05	-857.0	-1,011.5	647.5	601.4	46.11	14.042	
7,329.4	7,238.2	7,365.4	7,237.9	23.3	26.2	-83.06	-857.0	-1,011.5	647.4	601.3	46.17	14.022	
7,400.0	7,308.8	7,435.2	7,307.7	23.4	26.3	-66.15	-857.1	-1,011.7	647.5	601.2	46.31	13.981	
7,500.0	7,408.8	7,534.0	7,406.6	23.5	26.4	-66.14	-857.5	-1,012.2	647.5	601.0	46.53	13.918	
7,600.0	7,508.8	7,632.9	7,505.4	23.6	26.5	-66.13	-858.0	-1,013.2	647.6	600.8	46.75	13.852	
7,700.0	7,608.8	7,732.2	7,604.7	23.7	26.6	-66.12	-858.7	-1,014.4	647.6	600.6	46.99	13.782	
7,800.0	7,708.8	7,832.2	7,704.7	23.8	26.7	-66.12	-859.5	-1,015.8	647.6	600.4	47.23	13.712	
7,900.0	7,808.8	7,932.2	7,804.7	24.0	26.8	-66.12	-860.3	-1,017.1	647.6	600.2	47.47	13.642	
8,000.0	7,908.8	8,032.2	7,904.7	24.1	26.9	-66.12	-861.1	-1,018.5	647.6	599.9	47.72	13.573	
8,100.0	8,008.8	8,132.2	8,004.7	24.2	27.1	-66.12	-861.9	-1,019.8	647.6	599.7	47.96	13.503	
8,200.0	8,108.7	8,232.2	8,104.7	24.3	27.2	-66.12	-862.6	-1,021.1	647.6	599.4	48.21	13.434	
8,300.0	8,208.7	8,332.2	8,204.7	24.4	27.3	-66.12	-863.4	-1,022.5	647.6	599.2	48.45	13.366	
8,400.0	8,308.7	8,432.2	8,304.6	24.6	27.4	-66.12	-864.2	-1,023.8	647.6	598.9	48.70	13.298	
8,500.0	8,408.7	8,532.2	8,404.6	24.7	27.5	-66.12	-865.0	-1,025.2	647.6	598.7	48.95	13.230	
8,600.0	8,508.7	8,632.2	8,504.6	24.8	27.6	-66.12	-865.7	-1,026.5	647.6	598.4	49.20	13.162	
8,700.0	8,608.7	8,732.2	8,604.6	24.9	27.8	-66.12	-866.5	-1,027.9	647.6	598.2	49.46	13.095	
8,800.0	8,708.7	8,832.2	8,704.6	25.1	27.9	-66.12	-867.3	-1,029.2	647.6	597.9	49.71	13.028	
8,900.0	8,808.7	8,932.2	8,804.6	25.2	28.0	-66.12	-868.1	-1,030.6	647.6	597.7	49.96	12.962	
9,000.0	8,908.6	9,032.2	8,904.6	25.3	28.1	-66.12	-868.9	-1,031.9	647.6	597.4	50.22	12.895	
9,100.0	9,008.6	9,132.2	9,004.6	25.5	28.2	-66.12	-869.6	-1,033.3	647.6	597.1	50.48	12.830	
9,200.0	9,108.6	9,232.2	9,104.5	25.6	28.4	-66.12	-870.4	-1,034.6	647.6	596.9	50.74	12.764	
9,300.0	9,208.6	9,332.2	9,204.5	25.7	28.5	-66.12	-871.2	-1,035.9	647.6	596.6	51.00	12.699	
9,400.0	9,308.6	9,432.2	9,304.5	25.8	28.6	-66.12	-872.0	-1,037.3	647.6	596.4	51.26	12.635	
9,500.0	9,408.6	9,532.2	9,404.5	26.0	28.7	-66.12	-872.8	-1,038.6	647.6	596.1	51.52	12.571	
9,600.0	9,508.6	9,632.2	9,504.5	26.1	28.8	-66.12	-873.5	-1,040.0	647.6	595.8	51.78	12.507	
9,700.0	9,608.6	9,732.2	9,604.5	26.2	29.0	-66.12	-874.3	-1,041.3	647.6	595.6	52.05	12.443	
9,800.0	9,708.5	9,832.2	9,704.5	26.4	29.1	-66.12	-875.1	-1,042.7	647.6	595.3	52.31	12.380	
9,900.0	9,808.5	9,932.2	9,804.5	26.5	29.2	-66.12	-875.9	-1,044.0	647.6	595.0	52.58	12.318	
10,000.0	9,908.5	10,032.2	9,904.4	26.6	29.3	-66.12	-876.7	-1,045.4	647.6	594.8	52.84	12.256	
10,045.9	9,954.4	10,078.1	9,950.4	26.7	29.4	-66.12	-877.0	-1,046.0	647.6	594.7	52.97	12.227	
10,080.5	9,989.0	10,086.8	9,959.0	26.7	29.4	-66.12	-877.1	-1,046.1	648.1	595.1	53.02	12.224	SF

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-34D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-143.11	-12.0	-9.0	15.0				
100.0	100.0	100.0	100.0	0.1	0.1	-143.11	-12.0	-9.0	15.0	14.8	0.27	55.201	
200.0	200.0	200.0	200.0	0.3	0.3	-143.11	-12.0	-9.0	15.0	14.4	0.62	24.189	
300.0	300.0	300.0	300.0	0.5	0.5	-143.11	-12.0	-9.0	15.0	14.1	0.97	15.488	
400.0	400.0	400.0	400.0	0.7	0.7	-46.82	-12.0	-9.0	13.8	12.5	1.32	10.435	
500.0	499.8	499.8	499.8	0.9	0.8	-67.36	-12.0	-9.0	10.9	9.2	1.68	6.463	
549.4	549.1	549.0	549.0	1.0	0.9	-85.88	-12.2	-9.4	10.2	8.3	1.88	5.417	CC, ES
600.0	599.5	599.5	599.4	1.1	1.0	-105.10	-12.8	-10.5	10.9	8.9	2.08	5.265	SF
700.0	698.7	699.3	699.1	1.3	1.2	-129.69	-15.3	-15.1	15.8	13.3	2.46	6.399	
800.0	797.5	799.3	798.8	1.6	1.4	-139.76	-19.5	-22.8	22.8	19.9	2.86	7.969	
900.0	896.0	899.6	898.3	2.0	1.6	-141.03	-25.3	-33.5	29.2	25.8	3.31	8.798	
1,000.0	994.6	1,000.1	997.5	2.3	1.9	-136.91	-32.8	-47.3	33.7	29.8	3.87	8.700	
1,100.0	1,093.2	1,100.2	1,095.9	2.6	2.3	-129.55	-41.6	-63.7	37.0	32.5	4.54	8.147	
1,200.0	1,191.8	1,200.0	1,193.9	2.9	2.6	-122.94	-50.7	-80.4	40.8	35.5	5.27	7.739	
1,300.0	1,290.3	1,299.8	1,291.9	3.3	2.9	-117.51	-59.8	-97.2	44.9	38.9	6.00	7.485	
1,400.0	1,388.9	1,399.7	1,389.9	3.6	3.3	-113.03	-68.8	-113.9	49.5	42.7	6.75	7.334	
1,500.0	1,487.5	1,499.5	1,487.9	4.0	3.7	-109.32	-77.9	-130.6	54.2	46.8	7.48	7.250	
1,600.0	1,586.0	1,599.3	1,585.9	4.3	4.0	-106.22	-87.0	-147.4	59.2	51.0	8.21	7.209	
1,700.0	1,684.6	1,699.2	1,683.9	4.6	4.4	-103.60	-96.0	-164.1	64.3	55.4	8.94	7.197	
1,800.0	1,783.2	1,799.0	1,781.9	5.0	4.8	-101.38	-105.1	-180.8	69.6	59.9	9.66	7.203	
1,900.0	1,881.8	1,898.8	1,879.9	5.3	5.1	-99.47	-114.1	-197.6	74.9	64.5	10.37	7.220	
2,000.0	1,980.3	1,998.6	1,977.9	5.7	5.5	-97.81	-123.2	-214.3	80.3	69.2	11.08	7.245	
2,100.0	2,078.9	2,098.5	2,075.9	6.0	5.9	-96.36	-132.3	-231.0	85.7	73.9	11.78	7.274	
2,200.0	2,177.5	2,198.3	2,173.9	6.3	6.2	-95.09	-141.3	-247.8	91.2	78.7	12.48	7.306	
2,300.0	2,276.0	2,298.1	2,271.9	6.7	6.6	-93.96	-150.4	-264.5	96.7	83.6	13.18	7.339	
2,400.0	2,374.6	2,398.0	2,369.9	7.0	7.0	-92.95	-159.5	-281.2	102.3	88.4	13.88	7.373	
2,500.0	2,473.2	2,497.8	2,467.9	7.4	7.4	-92.05	-168.5	-298.0	107.9	93.3	14.57	7.406	
2,600.0	2,571.8	2,597.6	2,565.9	7.7	7.7	-91.23	-177.6	-314.7	113.5	98.3	15.26	7.439	
2,700.0	2,670.3	2,697.5	2,663.9	8.1	8.1	-90.50	-186.6	-331.4	119.2	103.2	15.95	7.471	
2,800.0	2,768.9	2,797.3	2,761.9	8.4	8.5	-89.83	-195.7	-348.2	124.8	108.2	16.64	7.502	
2,900.0	2,867.5	2,897.1	2,859.9	8.7	8.9	-89.22	-204.8	-364.9	130.5	113.2	17.32	7.532	
3,000.0	2,966.1	2,996.9	2,957.9	9.1	9.2	-88.66	-213.8	-381.6	136.2	118.2	18.01	7.561	
3,100.0	3,064.6	3,096.8	3,055.9	9.4	9.6	-88.14	-222.9	-398.4	141.9	123.2	18.70	7.589	
3,200.0	3,163.2	3,196.6	3,153.9	9.8	10.0	-87.66	-232.0	-415.1	147.6	128.2	19.38	7.616	
3,300.0	3,261.8	3,296.4	3,251.9	10.1	10.4	-87.22	-241.0	-431.8	153.3	133.2	20.06	7.642	
3,400.0	3,360.3	3,396.3	3,349.9	10.5	10.8	-86.82	-250.1	-448.6	159.0	138.3	20.75	7.666	
3,500.0	3,458.9	3,496.1	3,447.9	10.8	11.1	-86.44	-259.2	-465.3	164.8	143.3	21.43	7.690	
3,600.0	3,557.5	3,595.9	3,545.9	11.2	11.5	-86.08	-268.2	-482.0	170.5	148.4	22.11	7.713	
3,700.0	3,656.1	3,695.7	3,643.9	11.5	11.9	-85.75	-277.3	-498.8	176.3	153.5	22.79	7.734	
3,800.0	3,754.6	3,795.6	3,741.9	11.8	12.3	-85.44	-286.3	-515.5	182.0	158.5	23.47	7.755	
3,900.0	3,853.2	3,895.4	3,839.9	12.2	12.6	-85.15	-295.4	-532.2	187.8	163.6	24.15	7.775	
4,000.0	3,951.8	3,995.2	3,937.9	12.5	13.0	-84.87	-304.5	-549.0	193.5	168.7	24.83	7.794	
4,100.0	4,050.3	4,095.1	4,035.9	12.9	13.4	-84.62	-313.5	-565.7	199.3	173.8	25.51	7.813	
4,200.0	4,148.9	4,194.9	4,133.9	13.2	13.8	-84.37	-322.6	-582.4	205.1	178.9	26.19	7.831	
4,300.0	4,247.5	4,294.7	4,231.9	13.6	14.2	-84.14	-331.7	-599.2	210.9	184.0	26.87	7.848	
4,400.0	4,346.1	4,394.6	4,329.9	13.9	14.5	-83.92	-340.7	-615.9	216.6	189.1	27.55	7.864	
4,500.0	4,444.6	4,494.4	4,427.9	14.3	14.9	-83.72	-349.8	-632.6	222.4	194.2	28.23	7.880	
4,600.0	4,543.2	4,594.2	4,525.9	14.6	15.3	-83.52	-358.8	-649.4	228.2	199.3	28.90	7.895	
4,700.0	4,641.8	4,694.0	4,623.9	15.0	15.7	-83.33	-367.9	-666.1	234.0	204.4	29.58	7.910	
4,800.0	4,740.3	4,793.9	4,721.9	15.3	16.0	-83.16	-377.0	-682.8	239.8	209.5	30.26	7.924	
4,900.0	4,838.9	4,893.7	4,819.9	15.6	16.4	-82.99	-386.0	-699.6	245.6	214.6	30.94	7.938	
5,000.0	4,937.5	4,993.5	4,917.9	16.0	16.8	-82.83	-395.1	-716.3	251.4	219.7	31.62	7.951	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-34D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	5,036.1	5,093.4	5,015.8	16.3	17.2	-82.67	-404.2	-733.0	257.2	224.9	32.29	7.963	
5,200.0	5,134.6	5,193.2	5,113.8	16.7	17.6	-82.52	-413.2	-749.8	263.0	230.0	32.97	7.976	
5,300.0	5,233.2	5,293.0	5,211.8	17.0	17.9	-82.38	-422.3	-766.5	268.8	235.1	33.65	7.987	
5,400.0	5,331.8	5,392.9	5,309.8	17.4	18.3	-82.25	-431.3	-783.2	274.6	240.2	34.32	7.999	
5,500.0	5,430.3	5,492.7	5,407.8	17.7	18.7	-82.12	-440.4	-800.0	280.4	245.4	35.00	8.010	
5,600.0	5,528.9	5,592.5	5,505.8	18.1	19.1	-81.99	-449.5	-816.7	286.2	250.5	35.68	8.021	
5,700.0	5,627.5	5,692.3	5,603.8	18.4	19.5	-81.88	-458.5	-833.4	292.0	255.6	36.35	8.031	
5,800.0	5,726.1	5,792.2	5,701.8	18.7	19.8	-81.76	-467.6	-850.2	297.8	260.7	37.03	8.041	
5,900.0	5,824.6	5,892.0	5,799.8	19.1	20.2	-81.65	-476.7	-866.9	303.6	265.9	37.71	8.051	
6,000.0	5,923.2	5,991.8	5,897.8	19.4	20.6	-81.54	-485.7	-883.6	309.4	271.0	38.38	8.060	
6,100.0	6,021.8	6,091.7	5,995.8	19.8	21.0	-81.44	-494.8	-900.4	315.2	276.1	39.06	8.069	
6,200.0	6,120.3	6,191.5	6,093.8	20.1	21.3	-81.34	-503.9	-917.1	321.0	281.3	39.74	8.078	
6,300.0	6,218.9	6,291.3	6,191.8	20.5	21.7	-81.25	-512.9	-933.8	326.8	286.4	40.41	8.087	
6,400.0	6,317.5	6,391.1	6,289.8	20.8	22.1	-81.16	-522.0	-950.6	332.6	291.5	41.09	8.095	
6,500.0	6,416.1	6,491.0	6,387.8	21.2	22.5	-81.07	-531.0	-967.3	338.4	296.7	41.77	8.103	
6,600.0	6,514.6	6,590.8	6,485.8	21.5	22.9	-80.98	-540.1	-984.0	344.2	301.8	42.44	8.111	
6,700.0	6,613.2	6,690.6	6,583.8	21.9	23.2	-80.90	-549.2	-1,000.8	350.1	306.9	43.12	8.119	
6,800.0	6,711.8	6,791.0	6,682.4	22.2	23.6	-80.82	-558.3	-1,017.6	355.9	312.1	43.80	8.126	
6,900.0	6,810.4	6,896.7	6,786.5	22.5	24.0	-81.03	-566.8	-1,033.3	360.8	316.3	44.47	8.114	
7,000.0	6,909.5	7,002.5	6,891.4	22.8	24.2	-81.30	-573.5	-1,045.6	364.6	319.6	45.04	8.096	
7,100.0	7,009.1	7,108.3	6,996.7	23.0	24.5	-81.52	-578.3	-1,054.6	367.3	321.9	45.49	8.075	
7,200.0	7,108.9	7,214.2	7,102.4	23.2	24.6	-81.70	-581.3	-1,060.1	369.0	323.2	45.84	8.050	
7,300.0	7,208.8	7,320.0	7,208.2	23.3	24.7	-81.84	-582.4	-1,062.2	369.5	323.5	46.08	8.019	
7,400.0	7,308.8	7,420.0	7,308.2	23.4	24.8	-62.95	-582.5	-1,062.3	369.6	323.3	46.28	7.985	
7,500.0	7,408.8	7,519.3	7,407.4	23.5	24.9	-62.93	-582.8	-1,062.8	369.6	323.1	46.50	7.949	
7,600.0	7,508.8	7,618.5	7,506.7	23.6	25.0	-62.92	-583.3	-1,063.7	369.6	322.9	46.72	7.911	
7,700.0	7,608.8	7,718.0	7,606.2	23.7	25.1	-62.91	-584.0	-1,065.0	369.7	322.7	46.96	7.872	
7,800.0	7,708.8	7,818.0	7,706.2	23.8	25.3	-62.91	-584.8	-1,066.3	369.7	322.5	47.20	7.832	
7,900.0	7,808.8	7,918.0	7,806.2	24.0	25.4	-62.91	-585.6	-1,067.7	369.7	322.2	47.44	7.792	
8,000.0	7,908.8	8,018.0	7,906.2	24.1	25.5	-62.91	-586.4	-1,069.0	369.7	322.0	47.68	7.752	
8,100.0	8,008.8	8,118.0	8,006.1	24.2	25.6	-62.91	-587.2	-1,070.4	369.7	321.7	47.93	7.713	
8,200.0	8,108.7	8,218.0	8,106.1	24.3	25.7	-62.91	-587.9	-1,071.7	369.7	321.5	48.17	7.674	
8,300.0	8,208.7	8,318.0	8,206.1	24.4	25.8	-62.91	-588.7	-1,073.1	369.7	321.2	48.42	7.635	
8,400.0	8,308.7	8,418.0	8,306.1	24.6	26.0	-62.91	-589.5	-1,074.4	369.7	321.0	48.66	7.596	
8,500.0	8,408.7	8,518.0	8,406.1	24.7	26.1	-62.91	-590.3	-1,075.8	369.7	320.7	48.91	7.557	
8,600.0	8,508.7	8,618.0	8,506.1	24.8	26.2	-62.91	-591.0	-1,077.1	369.6	320.5	49.16	7.519	
8,700.0	8,608.7	8,718.0	8,606.1	24.9	26.3	-62.91	-591.8	-1,078.5	369.6	320.2	49.42	7.480	
8,800.0	8,708.7	8,818.0	8,706.1	25.1	26.5	-62.91	-592.6	-1,079.8	369.6	320.0	49.67	7.442	
8,900.0	8,808.7	8,918.0	8,806.0	25.2	26.6	-62.91	-593.4	-1,081.2	369.6	319.7	49.92	7.404	
9,000.0	8,908.6	9,018.0	8,906.0	25.3	26.7	-62.91	-594.2	-1,082.5	369.6	319.5	50.18	7.367	
9,100.0	9,008.6	9,118.0	9,006.0	25.5	26.8	-62.91	-594.9	-1,083.9	369.6	319.2	50.43	7.329	
9,200.0	9,108.6	9,218.0	9,106.0	25.6	27.0	-62.91	-595.7	-1,085.2	369.6	319.0	50.69	7.292	
9,300.0	9,208.6	9,318.0	9,206.0	25.7	27.1	-62.91	-596.5	-1,086.6	369.6	318.7	50.95	7.255	
9,400.0	9,308.6	9,418.0	9,306.0	25.8	27.2	-62.91	-597.3	-1,087.9	369.6	318.4	51.21	7.218	
9,500.0	9,408.6	9,518.0	9,406.0	26.0	27.3	-62.91	-598.1	-1,089.3	369.6	318.2	51.47	7.182	
9,600.0	9,508.6	9,618.0	9,506.0	26.1	27.5	-62.91	-598.8	-1,090.6	369.6	317.9	51.73	7.145	
9,700.0	9,608.6	9,718.0	9,605.9	26.2	27.6	-62.91	-599.6	-1,091.9	369.6	317.6	51.99	7.109	
9,800.0	9,708.5	9,818.0	9,705.9	26.4	27.7	-62.91	-600.4	-1,093.3	369.6	317.4	52.26	7.073	
9,900.0	9,808.5	9,918.0	9,805.9	26.5	27.8	-62.91	-601.2	-1,094.6	369.6	317.1	52.52	7.038	
10,000.0	9,908.5	10,018.0	9,905.9	26.6	28.0	-62.91	-601.9	-1,096.0	369.6	316.8	52.79	7.002	
10,051.3	9,959.8	10,069.3	9,957.2	26.7	28.0	-62.91	-602.3	-1,096.7	369.6	316.7	52.93	6.984	
10,080.5	9,989.0	10,081.1	9,969.0	26.7	28.1	-62.91	-602.4	-1,096.8	370.0	317.1	52.98	6.984	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-36D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.89	12.0	9.0	15.0				
100.0	100.0	100.0	100.0	0.1	0.1	36.89	12.0	9.0	15.0	14.8	0.27	55.201	
200.0	200.0	200.0	200.0	0.3	0.3	36.89	12.0	9.0	15.0	14.4	0.62	24.189	
300.0	300.0	300.2	300.2	0.5	0.5	30.90	12.2	7.3	14.2	13.2	0.97	14.569	
391.4	391.4	391.7	391.6	0.6	0.7	118.78	12.5	2.6	13.4	12.1	1.31	10.213	CC
400.0	400.0	400.3	400.2	0.7	0.7	117.41	12.6	2.0	13.4	12.1	1.35	9.974	ES
500.0	499.8	500.3	499.7	0.9	0.9	101.86	13.2	-6.7	14.6	12.8	1.76	8.254	
600.0	599.5	600.1	598.8	1.1	1.2	89.76	14.1	-18.8	17.5	15.3	2.24	7.817	
700.0	698.7	699.8	697.4	1.3	1.5	82.77	15.3	-34.1	21.8	19.0	2.77	7.867	
800.0	797.5	799.8	796.0	1.6	1.8	84.34	16.5	-50.0	26.0	22.6	3.38	7.709	
900.0	896.0	899.7	894.6	2.0	2.1	87.89	17.7	-65.9	30.2	26.2	4.02	7.515	
1,000.0	994.6	999.5	993.2	2.3	2.4	90.58	18.9	-81.8	34.4	29.8	4.67	7.377	
1,100.0	1,093.2	1,099.4	1,091.8	2.6	2.8	92.68	20.1	-97.7	38.8	33.4	5.33	7.276	
1,200.0	1,191.8	1,199.3	1,190.5	2.9	3.1	94.35	21.4	-113.6	43.1	37.1	5.99	7.201	
1,300.0	1,290.3	1,299.2	1,289.1	3.3	3.4	95.71	22.6	-129.5	47.5	40.8	6.65	7.143	
1,400.0	1,388.9	1,399.1	1,387.7	3.6	3.7	96.85	23.8	-145.4	51.9	44.6	7.31	7.098	
1,500.0	1,487.5	1,499.0	1,486.3	4.0	4.1	97.80	25.0	-161.3	56.3	48.3	7.98	7.062	
1,600.0	1,586.0	1,598.9	1,584.9	4.3	4.4	98.62	26.2	-177.2	60.8	52.1	8.64	7.033	
1,700.0	1,684.6	1,698.8	1,683.5	4.6	4.7	99.32	27.4	-193.1	65.2	55.9	9.30	7.009	
1,800.0	1,783.2	1,798.7	1,782.2	5.0	5.1	99.94	28.6	-209.0	69.7	59.7	9.97	6.990	
1,900.0	1,881.8	1,898.6	1,880.8	5.3	5.4	100.48	29.8	-224.9	74.1	63.5	10.63	6.973	
2,000.0	1,980.3	1,998.5	1,979.4	5.7	5.7	100.96	31.1	-240.8	78.6	67.3	11.29	6.959	
2,100.0	2,078.9	2,098.4	2,078.0	6.0	6.0	101.39	32.3	-256.7	83.1	71.1	11.96	6.947	
2,200.0	2,177.5	2,198.3	2,176.6	6.3	6.4	101.77	33.5	-272.6	87.5	74.9	12.62	6.936	
2,300.0	2,276.0	2,298.2	2,275.2	6.7	6.7	102.12	34.7	-288.5	92.0	78.7	13.28	6.927	
2,400.0	2,374.6	2,398.1	2,373.8	7.0	7.0	102.43	35.9	-304.5	96.5	82.6	13.95	6.919	
2,500.0	2,473.2	2,498.0	2,472.5	7.4	7.4	102.72	37.1	-320.4	101.0	86.4	14.61	6.912	
2,600.0	2,571.8	2,597.9	2,571.1	7.7	7.7	102.98	38.3	-336.3	105.5	90.2	15.28	6.906	
2,700.0	2,670.3	2,697.8	2,669.7	8.1	8.0	103.22	39.5	-352.2	110.0	94.0	15.94	6.900	
2,800.0	2,768.9	2,797.7	2,768.3	8.4	8.4	103.44	40.7	-368.1	114.5	97.9	16.60	6.895	
2,900.0	2,867.5	2,897.6	2,866.9	8.7	8.7	103.65	42.0	-384.0	119.0	101.7	17.27	6.891	
3,000.0	2,966.1	2,997.5	2,965.5	9.1	9.0	103.84	43.2	-399.9	123.5	105.5	17.93	6.887	
3,100.0	3,064.6	3,097.4	3,064.2	9.4	9.4	104.02	44.4	-415.8	128.0	109.4	18.59	6.883	
3,200.0	3,163.2	3,197.3	3,162.8	9.8	9.7	104.18	45.6	-431.7	132.5	113.2	19.25	6.879	
3,300.0	3,261.8	3,297.2	3,261.4	10.1	10.0	104.34	46.8	-447.6	137.0	117.0	19.92	6.876	
3,400.0	3,360.3	3,397.1	3,360.0	10.5	10.3	104.48	48.0	-463.5	141.5	120.9	20.58	6.873	
3,500.0	3,458.9	3,497.0	3,458.6	10.8	10.7	104.61	49.2	-479.4	146.0	124.7	21.24	6.871	
3,600.0	3,557.5	3,596.9	3,557.2	11.2	11.0	104.74	50.4	-495.3	150.5	128.6	21.91	6.868	
3,700.0	3,656.1	3,696.8	3,655.9	11.5	11.3	104.86	51.7	-511.2	155.0	132.4	22.57	6.866	
3,800.0	3,754.6	3,796.7	3,754.5	11.8	11.7	104.97	52.9	-527.1	159.5	136.2	23.23	6.864	
3,900.0	3,853.2	3,896.6	3,853.1	12.2	12.0	105.08	54.1	-543.0	164.0	140.1	23.89	6.862	
4,000.0	3,951.8	3,996.5	3,951.7	12.5	12.3	105.18	55.3	-558.9	168.5	143.9	24.56	6.860	
4,100.0	4,050.3	4,096.4	4,050.3	12.9	12.7	105.28	56.5	-574.8	173.0	147.8	25.22	6.859	
4,200.0	4,148.9	4,196.3	4,148.9	13.2	13.0	105.37	57.7	-590.7	177.5	151.6	25.88	6.857	
4,300.0	4,247.5	4,296.2	4,247.6	13.6	13.3	105.46	58.9	-606.6	182.0	155.4	26.55	6.856	
4,400.0	4,346.1	4,396.1	4,346.2	13.9	13.7	105.54	60.1	-622.6	186.5	159.3	27.21	6.854	
4,500.0	4,444.6	4,496.0	4,444.8	14.3	14.0	105.62	61.3	-638.5	191.0	163.1	27.87	6.853	
4,600.0	4,543.2	4,595.9	4,543.4	14.6	14.3	105.69	62.6	-654.4	195.5	167.0	28.53	6.852	
4,700.0	4,641.8	4,695.8	4,642.0	15.0	14.6	105.76	63.8	-670.3	200.0	170.8	29.20	6.851	
4,800.0	4,740.3	4,795.7	4,740.6	15.3	15.0	105.83	65.0	-686.2	204.5	174.7	29.86	6.850	
4,900.0	4,838.9	4,895.6	4,839.3	15.6	15.3	105.90	66.2	-702.1	209.0	178.5	30.52	6.849	
5,000.0	4,937.5	4,995.5	4,937.9	16.0	15.6	105.96	67.4	-718.0	213.5	182.4	31.19	6.848	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-36D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	5,036.1	5,095.4	5,036.5	16.3	16.0	106.02	68.6	-733.9	218.1	186.2	31.85	6.847	
5,200.0	5,134.6	5,195.3	5,135.1	16.7	16.3	106.08	69.8	-749.8	222.6	190.1	32.51	6.846	
5,300.0	5,233.2	5,295.2	5,233.7	17.0	16.6	106.13	71.0	-765.7	227.1	193.9	33.17	6.845	
5,400.0	5,331.8	5,395.1	5,332.3	17.4	17.0	106.19	72.3	-781.6	231.6	197.7	33.84	6.844	
5,500.0	5,430.3	5,495.0	5,431.0	17.7	17.3	106.24	73.5	-797.5	236.1	201.6	34.50	6.844	
5,600.0	5,528.9	5,594.9	5,529.6	18.1	17.6	106.29	74.7	-813.4	240.6	205.4	35.16	6.843	
5,700.0	5,627.5	5,694.8	5,628.2	18.4	18.0	106.33	75.9	-829.3	245.1	209.3	35.82	6.842	
5,800.0	5,726.1	5,794.7	5,726.8	18.7	18.3	106.38	77.1	-845.2	249.6	213.1	36.49	6.841	
5,900.0	5,824.6	5,894.6	5,825.4	19.1	18.6	106.42	78.3	-861.1	254.1	217.0	37.15	6.841	
6,000.0	5,923.2	5,994.5	5,924.0	19.4	19.0	106.47	79.5	-877.0	258.6	220.8	37.81	6.840	
6,100.0	6,021.8	6,094.4	6,022.7	19.8	19.3	106.51	80.7	-892.9	263.1	224.7	38.47	6.840	
6,200.0	6,120.3	6,194.2	6,121.3	20.1	19.6	106.55	81.9	-908.8	267.7	228.5	39.14	6.839	
6,300.0	6,218.9	6,294.1	6,219.9	20.5	20.0	106.58	83.2	-924.8	272.2	232.4	39.80	6.839	
6,400.0	6,317.5	6,394.0	6,318.5	20.8	20.3	106.62	84.4	-940.7	276.7	236.2	40.46	6.838	
6,500.0	6,416.1	6,493.9	6,417.1	21.2	20.6	106.66	85.6	-956.6	281.2	240.1	41.12	6.838	
6,600.0	6,514.6	6,593.8	6,515.7	21.5	20.9	106.69	86.8	-972.5	285.7	243.9	41.79	6.837	
6,700.0	6,613.2	6,693.7	6,614.4	21.9	21.3	106.73	88.0	-988.4	290.2	247.8	42.45	6.837	
6,800.0	6,711.8	6,793.6	6,713.0	22.2	21.6	106.76	89.2	-1,004.3	294.7	251.6	43.11	6.836	
6,900.0	6,810.4	6,893.5	6,811.6	22.5	21.9	106.74	90.4	-1,020.2	299.1	255.3	43.77	6.833	
7,000.0	6,909.5	6,993.2	6,910.3	22.8	22.2	106.51	91.5	-1,034.3	302.6	258.3	44.33	6.826	
7,100.0	7,009.1	7,093.0	7,009.5	23.0	22.4	106.29	92.3	-1,045.1	305.2	260.4	44.79	6.814	
7,200.0	7,108.9	7,192.9	7,109.0	23.2	22.6	106.08	92.9	-1,052.4	306.8	261.7	45.15	6.797	
7,300.0	7,208.8	7,292.8	7,208.9	23.3	22.7	105.88	93.2	-1,056.2	307.6	262.2	45.40	6.775	
7,400.0	7,308.8	7,393.0	7,309.1	23.4	22.9	124.71	93.2	-1,056.9	307.7	262.1	45.61	6.746	
7,500.0	7,408.8	7,493.8	7,409.9	23.5	23.0	124.73	93.0	-1,057.2	307.7	261.9	45.82	6.716	
7,600.0	7,508.8	7,594.6	7,510.7	23.6	23.1	124.74	92.6	-1,057.9	307.8	261.8	46.05	6.685	
7,700.0	7,608.8	7,695.3	7,611.4	23.7	23.2	124.76	91.9	-1,059.0	307.9	261.6	46.28	6.652	
7,800.0	7,708.8	7,795.5	7,711.5	23.8	23.3	124.76	91.2	-1,060.4	307.9	261.4	46.52	6.618	
7,900.0	7,808.8	7,895.5	7,811.5	24.0	23.4	124.76	90.4	-1,061.7	307.9	261.1	46.76	6.584	
8,000.0	7,908.8	7,995.5	7,911.5	24.1	23.5	124.76	89.6	-1,063.1	307.9	260.9	47.00	6.550	
8,100.0	8,008.8	8,095.5	8,011.5	24.2	23.7	124.76	88.8	-1,064.4	307.9	260.6	47.25	6.517	
8,200.0	8,108.7	8,195.5	8,111.5	24.3	23.8	124.76	88.1	-1,065.8	307.9	260.4	47.49	6.483	
8,300.0	8,208.7	8,295.5	8,211.5	24.4	23.9	124.76	87.3	-1,067.1	307.9	260.2	47.74	6.450	
8,400.0	8,308.7	8,395.5	8,311.4	24.6	24.0	124.76	86.5	-1,068.5	307.9	259.9	47.98	6.417	
8,500.0	8,408.7	8,495.5	8,411.4	24.7	24.2	124.76	85.7	-1,069.8	307.9	259.7	48.23	6.384	
8,600.0	8,508.7	8,595.5	8,511.4	24.8	24.3	124.76	85.0	-1,071.2	307.9	259.4	48.48	6.351	
8,700.0	8,608.7	8,695.5	8,611.4	24.9	24.4	124.76	84.2	-1,072.5	307.9	259.2	48.73	6.318	
8,800.0	8,708.7	8,795.5	8,711.4	25.1	24.5	124.76	83.4	-1,073.9	307.9	258.9	48.98	6.286	
8,900.0	8,808.7	8,895.5	8,811.4	25.2	24.7	124.76	82.6	-1,075.2	307.9	258.7	49.24	6.254	
9,000.0	8,908.6	8,995.5	8,911.4	25.3	24.8	124.76	81.8	-1,076.5	307.9	258.4	49.49	6.222	
9,100.0	9,008.6	9,095.5	9,011.4	25.5	24.9	124.76	81.1	-1,077.9	307.9	258.2	49.75	6.190	
9,200.0	9,108.6	9,195.5	9,111.3	25.6	25.0	124.76	80.3	-1,079.2	307.9	257.9	50.01	6.158	
9,300.0	9,208.6	9,295.5	9,211.3	25.7	25.2	124.76	79.5	-1,080.6	307.9	257.7	50.26	6.126	
9,400.0	9,308.6	9,395.5	9,311.3	25.8	25.3	124.76	78.7	-1,081.9	307.9	257.4	50.52	6.095	
9,500.0	9,408.6	9,495.5	9,411.3	26.0	25.4	124.76	78.0	-1,083.3	307.9	257.2	50.78	6.064	
9,600.0	9,508.6	9,595.5	9,511.3	26.1	25.6	124.76	77.2	-1,084.6	307.9	256.9	51.04	6.033	
9,700.0	9,608.6	9,695.5	9,611.3	26.2	25.7	124.76	76.4	-1,086.0	307.9	256.6	51.31	6.002	
9,800.0	9,708.5	9,795.5	9,711.3	26.4	25.8	124.76	75.6	-1,087.3	307.9	256.4	51.57	5.971	
9,900.0	9,808.5	9,895.5	9,811.3	26.5	26.0	124.76	74.9	-1,088.7	307.9	256.1	51.84	5.941	
10,000.0	9,908.5	9,995.5	9,911.2	26.6	26.1	124.76	74.1	-1,090.0	307.9	255.8	52.10	5.911	
10,080.5	9,989.0	10,075.9	9,991.7	26.7	26.2	124.76	73.5	-1,091.1	308.0	255.6	52.32	5.886	SF

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-37D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.89	24.0	18.0	30.1				
100.0	100.0	100.0	100.0	0.1	0.1	36.89	24.0	18.0	30.1	29.8	0.27	110.402	
200.0	200.0	200.0	200.0	0.3	0.3	36.89	24.0	18.0	30.1	29.4	0.62	48.379	
300.0	300.0	300.0	300.0	0.5	0.5	36.89	24.0	18.0	30.1	29.1	0.97	30.976	CC, ES
400.0	400.0	400.3	400.3	0.7	0.7	137.10	24.6	16.4	30.8	29.5	1.32	23.304	
500.0	499.8	500.5	500.4	0.9	0.9	134.51	26.4	11.4	33.3	31.6	1.70	19.590	
600.0	599.5	600.7	600.1	1.1	1.1	130.94	29.4	3.2	37.4	35.3	2.12	17.662	
700.0	698.7	700.7	699.4	1.3	1.3	127.11	33.5	-8.3	43.3	40.7	2.61	16.621	
800.0	797.5	800.5	797.9	1.6	1.6	123.47	38.8	-23.0	51.2	48.0	3.19	16.026	
900.0	896.0	900.0	895.9	2.0	2.0	119.96	44.8	-39.6	59.8	55.9	3.82	15.656	
1,000.0	994.6	999.6	993.9	2.3	2.3	117.32	50.7	-56.1	68.5	64.1	4.46	15.356	
1,100.0	1,093.2	1,099.2	1,091.9	2.6	2.6	115.28	56.7	-72.7	77.4	72.3	5.12	15.120	
1,200.0	1,191.8	1,198.8	1,189.9	2.9	3.0	113.67	62.7	-89.3	86.4	80.6	5.78	14.932	
1,300.0	1,290.3	1,298.3	1,287.9	3.3	3.3	112.36	68.7	-105.9	95.4	88.9	6.45	14.782	
1,400.0	1,388.9	1,397.9	1,385.9	3.6	3.7	111.27	74.6	-122.5	104.4	97.3	7.12	14.660	
1,500.0	1,487.5	1,497.5	1,483.9	4.0	4.0	110.36	80.6	-139.1	113.5	105.7	7.80	14.559	
1,600.0	1,586.0	1,597.0	1,581.9	4.3	4.4	109.58	86.6	-155.7	122.6	114.2	8.47	14.474	
1,700.0	1,684.6	1,696.6	1,679.9	4.6	4.7	108.91	92.5	-172.3	131.8	122.6	9.15	14.402	
1,800.0	1,783.2	1,796.2	1,777.9	5.0	5.1	108.33	98.5	-188.9	140.9	131.1	9.83	14.341	
1,900.0	1,881.8	1,895.8	1,875.9	5.3	5.4	107.82	104.5	-205.4	150.1	139.6	10.50	14.288	
2,000.0	1,980.3	1,995.3	1,973.9	5.7	5.8	107.37	110.5	-222.0	159.2	148.1	11.18	14.241	
2,100.0	2,078.9	2,094.9	2,071.9	6.0	6.2	106.97	116.4	-238.6	168.4	156.6	11.86	14.201	
2,200.0	2,177.5	2,194.5	2,169.9	6.3	6.5	106.60	122.4	-255.2	177.6	165.1	12.54	14.165	
2,300.0	2,276.0	2,294.0	2,267.9	6.7	6.9	106.28	128.4	-271.8	186.8	173.6	13.22	14.133	
2,400.0	2,374.6	2,393.6	2,365.9	7.0	7.2	105.98	134.3	-288.4	196.0	182.1	13.90	14.104	
2,500.0	2,473.2	2,493.2	2,463.9	7.4	7.6	105.72	140.3	-305.0	205.2	190.6	14.58	14.078	
2,600.0	2,571.8	2,592.8	2,561.9	7.7	7.9	105.47	146.3	-321.6	214.4	199.1	15.26	14.055	
2,700.0	2,670.3	2,692.3	2,659.9	8.1	8.3	105.24	152.3	-338.1	223.6	207.7	15.93	14.033	
2,800.0	2,768.9	2,791.9	2,757.9	8.4	8.6	105.04	158.2	-354.7	232.8	216.2	16.61	14.014	
2,900.0	2,867.5	2,891.5	2,855.9	8.7	9.0	104.84	164.2	-371.3	242.0	224.7	17.29	13.996	
3,000.0	2,966.1	2,991.0	2,953.9	9.1	9.4	104.67	170.2	-387.9	251.3	233.3	17.97	13.980	
3,100.0	3,064.6	3,090.6	3,051.9	9.4	9.7	104.50	176.1	-404.5	260.5	241.8	18.65	13.965	
3,200.0	3,163.2	3,190.2	3,149.9	9.8	10.1	104.35	182.1	-421.1	269.7	250.4	19.33	13.951	
3,300.0	3,261.8	3,289.8	3,247.9	10.1	10.4	104.20	188.1	-437.7	278.9	258.9	20.01	13.938	
3,400.0	3,360.3	3,389.3	3,345.9	10.5	10.8	104.07	194.1	-454.3	288.1	267.5	20.69	13.926	
3,500.0	3,458.9	3,488.9	3,443.9	10.8	11.1	103.94	200.0	-470.9	297.4	276.0	21.37	13.914	
3,600.0	3,557.5	3,588.5	3,541.9	11.2	11.5	103.82	206.0	-487.4	306.6	284.6	22.05	13.904	
3,700.0	3,656.1	3,688.0	3,639.9	11.5	11.8	103.71	212.0	-504.0	315.8	293.1	22.73	13.894	
3,800.0	3,754.6	3,787.6	3,737.9	11.8	12.2	103.61	217.9	-520.6	325.1	301.7	23.41	13.885	
3,900.0	3,853.2	3,887.2	3,835.9	12.2	12.6	103.51	223.9	-537.2	334.3	310.2	24.09	13.876	
4,000.0	3,951.8	3,986.8	3,933.9	12.5	12.9	103.41	229.9	-553.8	343.5	318.8	24.77	13.868	
4,100.0	4,050.3	4,086.3	4,031.9	12.9	13.3	103.32	235.9	-570.4	352.8	327.3	25.45	13.860	
4,200.0	4,148.9	4,185.9	4,129.9	13.2	13.6	103.24	241.8	-587.0	362.0	335.9	26.13	13.853	
4,300.0	4,247.5	4,285.5	4,227.9	13.6	14.0	103.16	247.8	-603.6	371.2	344.4	26.81	13.846	
4,400.0	4,346.1	4,385.0	4,325.9	13.9	14.3	103.08	253.8	-620.2	380.5	353.0	27.49	13.840	
4,500.0	4,444.6	4,484.6	4,423.9	14.3	14.7	103.01	259.7	-636.7	389.7	361.5	28.17	13.834	
4,600.0	4,543.2	4,584.2	4,521.9	14.6	15.1	102.94	265.7	-653.3	398.9	370.1	28.85	13.828	
4,700.0	4,641.8	4,683.8	4,619.9	15.0	15.4	102.87	271.7	-669.9	408.2	378.6	29.53	13.822	
4,800.0	4,740.3	4,783.3	4,717.9	15.3	15.8	102.81	277.6	-686.5	417.4	387.2	30.21	13.817	
4,900.0	4,838.9	4,882.9	4,815.9	15.6	16.1	102.75	283.6	-703.1	426.6	395.8	30.89	13.812	
5,000.0	4,937.5	4,982.5	4,913.8	16.0	16.5	102.69	289.6	-719.7	435.9	404.3	31.57	13.807	
5,100.0	5,036.1	5,082.0	5,011.8	16.3	16.8	102.64	295.6	-736.3	445.1	412.9	32.25	13.802	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-37D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,200.0	5,134.6	5,181.6	5,109.8	16.7	17.2	102.58	301.5	-752.9	454.4	421.4	32.93	13.798	
5,300.0	5,233.2	5,281.2	5,207.8	17.0	17.6	102.53	307.5	-769.4	463.6	430.0	33.61	13.794	
5,400.0	5,331.8	5,380.8	5,305.8	17.4	17.9	102.48	313.5	-786.0	472.8	438.6	34.29	13.789	
5,500.0	5,430.3	5,480.3	5,403.8	17.7	18.3	102.43	319.4	-802.6	482.1	447.1	34.97	13.786	
5,600.0	5,528.9	5,579.9	5,501.8	18.1	18.6	102.39	325.4	-819.2	491.3	455.7	35.65	13.782	
5,700.0	5,627.5	5,679.5	5,599.8	18.4	19.0	102.35	331.4	-835.8	500.6	464.2	36.33	13.778	
5,800.0	5,726.1	5,779.0	5,697.8	18.7	19.3	102.30	337.4	-852.4	509.8	472.8	37.01	13.775	
5,900.0	5,824.6	5,878.6	5,795.8	19.1	19.7	102.26	343.3	-869.0	519.1	481.4	37.69	13.771	
6,000.0	5,923.2	5,978.2	5,893.8	19.4	20.1	102.22	349.3	-885.6	528.3	489.9	38.37	13.768	
6,100.0	6,021.8	6,077.8	5,991.8	19.8	20.4	102.18	355.3	-902.2	537.5	498.5	39.05	13.765	
6,200.0	6,120.3	6,177.3	6,089.8	20.1	20.8	102.15	361.2	-918.7	546.8	507.0	39.73	13.762	
6,300.0	6,218.9	6,276.9	6,187.8	20.5	21.1	102.11	367.2	-935.3	556.0	515.6	40.41	13.759	
6,400.0	6,317.5	6,376.5	6,285.8	20.8	21.5	102.08	373.2	-951.9	565.3	524.2	41.09	13.757	
6,500.0	6,416.1	6,476.0	6,383.8	21.2	21.8	102.04	379.2	-968.5	574.5	532.7	41.77	13.754	
6,600.0	6,514.6	6,575.6	6,481.8	21.5	22.2	102.01	385.1	-985.1	583.7	541.3	42.45	13.751	
6,700.0	6,613.2	6,675.2	6,579.8	21.9	22.5	101.98	391.1	-1,001.7	593.0	549.9	43.13	13.749	
6,800.0	6,711.8	6,774.7	6,677.8	22.2	22.9	101.95	397.1	-1,018.3	602.2	558.4	43.81	13.746	
6,900.0	6,810.4	6,874.3	6,775.8	22.5	23.3	101.97	403.0	-1,034.9	611.4	566.9	44.48	13.744	
7,000.0	6,909.5	6,980.6	6,880.6	22.8	23.6	101.88	408.9	-1,051.1	619.4	574.3	45.07	13.743	
7,100.0	7,009.1	7,087.9	6,987.1	23.0	23.9	101.77	413.5	-1,063.8	625.5	580.0	45.55	13.733	
7,200.0	7,108.9	7,195.6	7,094.4	23.2	24.1	101.64	416.7	-1,072.8	629.7	583.8	45.92	13.714	
7,300.0	7,208.8	7,303.4	7,202.1	23.3	24.2	101.48	418.5	-1,077.9	632.0	585.8	46.18	13.686	
7,400.0	7,308.8	7,410.4	7,309.0	23.4	24.3	120.29	419.0	-1,079.3	632.5	586.1	46.37	13.639	
7,500.0	7,408.8	7,511.8	7,410.4	23.5	24.4	120.31	418.9	-1,079.6	632.6	586.0	46.59	13.580	
7,600.0	7,508.8	7,613.1	7,511.8	23.6	24.5	120.32	418.5	-1,080.2	632.7	585.9	46.81	13.517	
7,700.0	7,608.8	7,714.5	7,613.1	23.7	24.6	120.34	418.0	-1,081.2	632.9	585.8	47.05	13.452	
7,800.0	7,708.8	7,815.0	7,713.6	23.8	24.8	120.34	417.2	-1,082.6	632.9	585.6	47.28	13.385	
7,900.0	7,808.8	7,915.0	7,813.6	24.0	24.9	120.34	416.5	-1,083.9	632.9	585.4	47.52	13.318	
8,000.0	7,908.8	8,015.0	7,913.6	24.1	25.0	120.34	415.7	-1,085.3	633.0	585.2	47.76	13.252	
8,100.0	8,008.8	8,115.0	8,013.6	24.2	25.1	120.34	414.9	-1,086.6	633.0	585.0	48.01	13.185	
8,200.0	8,108.7	8,215.0	8,113.6	24.3	25.2	120.34	414.2	-1,088.0	633.0	584.8	48.25	13.119	
8,300.0	8,208.7	8,315.0	8,213.5	24.4	25.3	120.34	413.4	-1,089.3	633.0	584.5	48.49	13.054	
8,400.0	8,308.7	8,415.0	8,313.5	24.6	25.4	120.34	412.7	-1,090.7	633.1	584.3	48.74	12.988	
8,500.0	8,408.7	8,515.0	8,413.5	24.7	25.5	120.34	411.9	-1,092.0	633.1	584.1	48.99	12.923	
8,600.0	8,508.7	8,615.0	8,513.5	24.8	25.7	120.34	411.2	-1,093.4	633.1	583.9	49.24	12.858	
8,700.0	8,608.7	8,715.0	8,613.5	24.9	25.8	120.34	410.4	-1,094.7	633.1	583.6	49.49	12.794	
8,800.0	8,708.7	8,815.0	8,713.5	25.1	25.9	120.34	409.7	-1,096.1	633.2	583.4	49.74	12.730	
8,900.0	8,808.7	8,915.0	8,813.5	25.2	26.0	120.34	408.9	-1,097.4	633.2	583.2	49.99	12.666	
9,000.0	8,908.6	9,015.0	8,913.5	25.3	26.1	120.34	408.1	-1,098.8	633.2	583.0	50.24	12.603	
9,100.0	9,008.6	9,115.0	9,013.5	25.5	26.3	120.34	407.4	-1,100.1	633.2	582.7	50.50	12.539	
9,200.0	9,108.6	9,215.0	9,113.4	25.6	26.4	120.34	406.6	-1,101.5	633.3	582.5	50.75	12.477	
9,300.0	9,208.6	9,315.0	9,213.4	25.7	26.5	120.34	405.9	-1,102.8	633.3	582.3	51.01	12.414	
9,400.0	9,308.6	9,415.0	9,313.4	25.8	26.6	120.34	405.1	-1,104.1	633.3	582.0	51.27	12.352	
9,500.0	9,408.6	9,515.0	9,413.4	26.0	26.7	120.34	404.4	-1,105.5	633.3	581.8	51.53	12.291	
9,600.0	9,508.6	9,615.0	9,513.4	26.1	26.9	120.34	403.6	-1,106.8	633.3	581.6	51.79	12.229	
9,700.0	9,608.6	9,715.0	9,613.4	26.2	27.0	120.34	402.9	-1,108.2	633.4	581.3	52.05	12.168	
9,800.0	9,708.5	9,815.0	9,713.4	26.4	27.1	120.34	402.1	-1,109.5	633.4	581.1	52.31	12.108	
9,900.0	9,808.5	9,915.0	9,813.4	26.5	27.2	120.34	401.4	-1,110.9	633.4	580.8	52.58	12.047	
10,000.0	9,908.5	10,015.0	9,913.3	26.6	27.4	120.34	400.6	-1,112.2	633.4	580.6	52.84	11.988	
10,080.5	9,989.0	10,095.5	9,993.8	26.7	27.5	120.34	400.0	-1,113.3	633.5	580.4	53.06	11.940	SF

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-38D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	36.61	36.1	26.8	44.9				
100.0	100.0	100.0	100.0	0.1	0.1	36.61	36.1	26.8	44.9	44.6	0.27	164.984	
200.0	200.0	200.0	200.0	0.3	0.3	36.61	36.1	26.8	44.9	44.3	0.62	72.296	
272.0	272.0	272.0	272.0	0.4	0.4	35.45	36.6	26.0	44.9	44.0	0.87	51.451	CC
300.0	300.0	300.0	300.0	0.5	0.5	34.38	37.1	25.4	44.9	43.9	0.97	46.283	ES
400.0	400.0	399.8	399.6	0.7	0.7	130.57	40.1	21.1	46.4	45.1	1.35	34.523	
500.0	499.8	499.3	498.8	0.9	0.9	125.25	45.1	14.1	51.0	49.2	1.75	29.072	
600.0	599.5	598.5	597.2	1.1	1.2	120.43	52.1	4.2	58.6	56.4	2.22	26.420	
700.0	698.7	697.2	694.7	1.3	1.5	116.55	61.0	-8.3	69.2	66.5	2.75	25.139	
800.0	797.5	796.0	791.9	1.6	1.8	114.16	71.4	-22.9	82.4	79.1	3.35	24.633	
900.0	896.0	895.0	889.2	2.0	2.2	113.19	81.9	-37.6	96.3	92.3	3.96	24.289	
1,000.0	994.6	994.0	986.6	2.3	2.5	112.46	92.4	-52.4	110.2	105.6	4.59	23.978	
1,100.0	1,093.2	1,093.1	1,083.9	2.6	2.9	111.89	102.9	-67.2	124.1	118.8	5.23	23.709	
1,200.0	1,191.8	1,192.1	1,181.3	2.9	3.2	111.43	113.5	-81.9	138.0	132.1	5.88	23.480	
1,300.0	1,290.3	1,291.1	1,278.6	3.3	3.6	111.06	124.0	-96.7	151.9	145.3	6.52	23.284	
1,400.0	1,388.9	1,390.1	1,376.0	3.6	3.9	110.76	134.5	-111.4	165.8	158.6	7.17	23.116	
1,500.0	1,487.5	1,489.2	1,473.3	4.0	4.3	110.50	145.0	-126.2	179.7	171.9	7.82	22.970	
1,600.0	1,586.0	1,588.2	1,570.7	4.3	4.7	110.27	155.5	-141.0	193.6	185.1	8.48	22.843	
1,700.0	1,684.6	1,687.2	1,668.0	4.6	5.0	110.08	166.0	-155.7	207.5	198.4	9.13	22.732	
1,800.0	1,783.2	1,786.2	1,765.4	5.0	5.4	109.91	176.5	-170.5	221.4	211.7	9.78	22.634	
1,900.0	1,881.8	1,885.3	1,862.7	5.3	5.8	109.76	187.0	-185.2	235.4	224.9	10.44	22.546	
2,000.0	1,980.3	1,984.3	1,960.1	5.7	6.1	109.63	197.5	-200.0	249.3	238.2	11.10	22.468	
2,100.0	2,078.9	2,083.3	2,057.4	6.0	6.5	109.51	208.0	-214.8	263.2	251.5	11.75	22.398	
2,200.0	2,177.5	2,182.3	2,154.8	6.3	6.8	109.40	218.6	-229.5	277.1	264.7	12.41	22.334	
2,300.0	2,276.0	2,281.3	2,252.1	6.7	7.2	109.31	229.1	-244.3	291.1	278.0	13.07	22.276	
2,400.0	2,374.6	2,380.4	2,349.5	7.0	7.6	109.22	239.6	-259.0	305.0	291.3	13.72	22.224	
2,500.0	2,473.2	2,479.4	2,446.8	7.4	7.9	109.14	250.1	-273.8	318.9	304.5	14.38	22.175	
2,600.0	2,571.8	2,578.4	2,544.2	7.7	8.3	109.07	260.6	-288.6	332.9	317.8	15.04	22.131	
2,700.0	2,670.3	2,677.4	2,641.5	8.1	8.6	109.00	271.1	-303.3	346.8	331.1	15.70	22.090	
2,800.0	2,768.9	2,776.5	2,738.9	8.4	9.0	108.94	281.6	-318.1	360.7	344.4	16.36	22.052	
2,900.0	2,867.5	2,875.5	2,836.3	8.7	9.4	108.88	292.1	-332.8	374.6	357.6	17.02	22.017	
3,000.0	2,966.1	2,974.5	2,933.6	9.1	9.7	108.83	302.6	-347.6	388.6	370.9	17.67	21.985	
3,100.0	3,064.6	3,073.5	3,031.0	9.4	10.1	108.78	313.2	-362.4	402.5	384.2	18.33	21.954	
3,200.0	3,163.2	3,172.6	3,128.3	9.8	10.5	108.73	323.7	-377.1	416.4	397.4	18.99	21.926	
3,300.0	3,261.8	3,271.6	3,225.7	10.1	10.8	108.69	334.2	-391.9	430.4	410.7	19.65	21.900	
3,400.0	3,360.3	3,370.6	3,323.0	10.5	11.2	108.65	344.7	-406.6	444.3	424.0	20.31	21.875	
3,500.0	3,458.9	3,469.6	3,420.4	10.8	11.5	108.61	355.2	-421.4	458.2	437.3	20.97	21.851	
3,600.0	3,557.5	3,568.7	3,517.7	11.2	11.9	108.57	365.7	-436.2	472.2	450.5	21.63	21.829	
3,700.0	3,656.1	3,667.7	3,615.1	11.5	12.3	108.54	376.2	-450.9	486.1	463.8	22.29	21.808	
3,800.0	3,754.6	3,766.7	3,712.4	11.8	12.6	108.51	386.7	-465.7	500.0	477.1	22.95	21.789	
3,900.0	3,853.2	3,865.7	3,809.8	12.2	13.0	108.48	397.2	-480.5	514.0	490.4	23.61	21.770	
4,000.0	3,951.8	3,964.8	3,907.1	12.5	13.4	108.45	407.7	-495.2	527.9	503.6	24.27	21.753	
4,100.0	4,050.3	4,063.8	4,004.5	12.9	13.7	108.42	418.3	-510.0	541.8	516.9	24.93	21.736	
4,200.0	4,148.9	4,162.8	4,101.8	13.2	14.1	108.40	428.8	-524.7	555.8	530.2	25.59	21.720	
4,300.0	4,247.5	4,261.8	4,199.2	13.6	14.5	108.37	439.3	-539.5	569.7	543.5	26.25	21.705	
4,400.0	4,346.1	4,360.9	4,296.5	13.9	14.8	108.35	449.8	-554.3	583.6	556.7	26.91	21.690	
4,500.0	4,444.6	4,459.9	4,393.9	14.3	15.2	108.33	460.3	-569.0	597.6	570.0	27.57	21.677	
4,600.0	4,543.2	4,558.9	4,491.2	14.6	15.5	108.31	470.8	-583.8	611.5	583.3	28.23	21.664	
4,700.0	4,641.8	4,657.9	4,588.6	15.0	15.9	108.29	481.3	-598.5	625.4	596.6	28.89	21.651	
4,800.0	4,740.3	4,757.0	4,685.9	15.3	16.3	108.27	491.8	-613.3	639.4	609.8	29.55	21.639	
4,900.0	4,838.9	4,856.0	4,783.3	15.6	16.6	108.25	502.3	-628.1	653.3	623.1	30.21	21.627	
5,000.0	4,937.5	4,955.0	4,880.6	16.0	17.0	108.23	512.8	-642.8	667.2	636.4	30.87	21.616	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 6 T6S R96W (F06 696) - Chevron 6-38D - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	5,036.1	5,054.0	4,978.0	16.3	17.4	108.21	523.4	-657.6	681.2	649.6	31.53	21.606	
5,200.0	5,134.6	5,153.1	5,075.4	16.7	17.7	108.20	533.9	-672.3	695.1	662.9	32.19	21.596	
5,300.0	5,233.2	5,252.1	5,172.7	17.0	18.1	108.18	544.4	-687.1	709.0	676.2	32.85	21.586	
5,400.0	5,331.8	5,351.1	5,270.1	17.4	18.4	108.17	554.9	-701.9	723.0	689.5	33.51	21.577	
5,500.0	5,430.3	5,450.1	5,367.4	17.7	18.8	108.15	565.4	-716.6	736.9	702.7	34.17	21.568	
5,600.0	5,528.9	5,549.1	5,464.8	18.1	19.2	108.14	575.9	-731.4	750.8	716.0	34.83	21.559	
5,700.0	5,627.5	5,648.2	5,562.1	18.4	19.5	108.12	586.4	-746.1	764.8	729.3	35.49	21.551	
5,800.0	5,726.1	5,747.2	5,659.5	18.7	19.9	108.11	596.9	-760.9	778.7	742.6	36.15	21.542	
5,900.0	5,824.6	5,846.2	5,756.8	19.1	20.3	108.10	607.4	-775.7	792.6	755.8	36.81	21.535	
6,000.0	5,923.2	5,945.2	5,854.2	19.4	20.6	108.09	617.9	-790.4	806.6	769.1	37.47	21.527	
6,100.0	6,021.8	6,044.3	5,951.5	19.8	21.0	108.07	628.5	-805.2	820.5	782.4	38.13	21.520	
6,200.0	6,120.3	6,143.3	6,048.9	20.1	21.4	108.06	639.0	-819.9	834.5	795.7	38.79	21.513	
6,300.0	6,218.9	6,242.3	6,146.2	20.5	21.7	108.05	649.5	-834.7	848.4	808.9	39.45	21.506	
6,400.0	6,317.5	6,341.3	6,243.6	20.8	22.1	108.04	660.0	-849.5	862.3	822.2	40.11	21.499	
6,500.0	6,416.1	6,440.4	6,340.9	21.2	22.4	108.03	670.5	-864.2	876.3	835.5	40.77	21.493	
6,600.0	6,514.6	6,539.4	6,438.3	21.5	22.8	108.02	681.0	-879.0	890.2	848.8	41.43	21.487	
6,700.0	6,613.2	6,638.4	6,535.6	21.9	23.2	108.01	691.5	-893.7	904.1	862.0	42.09	21.481	
6,800.0	6,711.8	6,737.4	6,633.0	22.2	23.5	108.00	702.0	-908.5	918.1	875.3	42.75	21.475	
6,900.0	6,810.4	6,836.5	6,730.4	22.5	23.9	108.11	712.5	-923.3	931.8	888.4	43.42	21.462	
7,000.0	6,909.5	6,944.6	6,836.8	22.8	24.3	108.13	723.7	-938.9	944.4	900.4	44.03	21.448	
7,100.0	7,009.1	7,062.6	6,953.5	23.0	24.6	108.08	733.4	-952.6	954.3	909.7	44.56	21.415	
7,200.0	7,108.9	7,181.2	7,071.6	23.2	24.9	108.00	740.4	-962.5	961.1	916.1	44.97	21.371	
7,300.0	7,208.8	7,300.3	7,190.4	23.3	25.0	107.89	744.6	-968.3	964.8	919.6	45.27	21.315	
7,400.0	7,308.8	7,418.9	7,308.9	23.4	25.2	126.70	745.9	-970.2	965.8	920.4	45.48	21.235	
7,500.0	7,408.8	7,521.5	7,411.5	23.5	25.2	126.71	745.8	-970.4	966.0	920.3	45.70	21.139	
7,600.0	7,508.8	7,624.0	7,514.1	23.6	25.3	126.73	745.4	-971.0	966.2	920.2	45.93	21.038	
7,700.0	7,608.8	7,726.6	7,616.7	23.7	25.4	126.74	744.9	-972.0	966.3	920.2	46.16	20.933	
7,800.0	7,708.8	7,827.7	7,717.8	23.8	25.6	126.74	744.1	-973.3	966.4	920.0	46.40	20.825	
7,900.0	7,808.8	7,927.7	7,817.7	24.0	25.7	126.74	743.3	-974.7	966.4	919.7	46.64	20.718	
8,000.0	7,908.8	8,027.7	7,917.7	24.1	25.8	126.74	742.5	-976.0	966.4	919.5	46.89	20.611	
8,100.0	8,008.8	8,127.7	8,017.7	24.2	25.9	126.74	741.8	-977.4	966.4	919.2	47.13	20.505	
8,200.0	8,108.7	8,227.7	8,117.7	24.3	26.0	126.74	741.0	-978.7	966.4	919.0	47.37	20.399	
8,300.0	8,208.7	8,327.7	8,217.7	24.4	26.1	126.74	740.2	-980.1	966.4	918.8	47.62	20.294	
8,400.0	8,308.7	8,427.7	8,317.7	24.6	26.2	126.74	739.4	-981.4	966.4	918.5	47.87	20.189	
8,500.0	8,408.7	8,527.7	8,417.7	24.7	26.3	126.74	738.7	-982.8	966.4	918.3	48.11	20.085	
8,600.0	8,508.7	8,627.7	8,517.7	24.8	26.4	126.74	737.9	-984.1	966.4	918.0	48.36	19.981	
8,700.0	8,608.7	8,727.7	8,617.6	24.9	26.5	126.74	737.1	-985.5	966.4	917.8	48.61	19.878	
8,800.0	8,708.7	8,827.7	8,717.6	25.1	26.6	126.74	736.3	-986.8	966.4	917.5	48.87	19.776	
8,900.0	8,808.7	8,927.7	8,817.6	25.2	26.7	126.74	735.6	-988.2	966.4	917.3	49.12	19.674	
9,000.0	8,908.6	9,027.7	8,917.6	25.3	26.8	126.74	734.8	-989.5	966.4	917.0	49.38	19.572	
9,100.0	9,008.6	9,127.7	9,017.6	25.5	27.0	126.74	734.0	-990.9	966.4	916.8	49.63	19.472	
9,200.0	9,108.6	9,227.7	9,117.6	25.6	27.1	126.74	733.2	-992.2	966.4	916.5	49.89	19.371	
9,300.0	9,208.6	9,327.7	9,217.6	25.7	27.2	126.74	732.5	-993.6	966.4	916.3	50.15	19.272	
9,400.0	9,308.6	9,427.7	9,317.6	25.8	27.3	126.74	731.7	-994.9	966.4	916.0	50.41	19.173	
9,500.0	9,408.6	9,527.7	9,417.5	26.0	27.4	126.74	730.9	-996.3	966.4	915.7	50.67	19.074	
9,600.0	9,508.6	9,627.7	9,517.5	26.1	27.5	126.74	730.1	-997.6	966.4	915.5	50.93	18.976	
9,700.0	9,608.6	9,727.7	9,617.5	26.2	27.6	126.74	729.4	-999.0	966.4	915.2	51.19	18.879	
9,800.0	9,708.5	9,827.7	9,717.5	26.4	27.8	126.74	728.6	-1,000.3	966.4	915.0	51.45	18.782	
9,900.0	9,808.5	9,927.7	9,817.5	26.5	27.9	126.74	727.8	-1,001.7	966.4	914.7	51.72	18.686	
10,000.0	9,908.5	10,027.7	9,917.5	26.6	28.0	126.74	727.0	-1,003.0	966.4	914.4	51.98	18.591	
10,080.5	9,989.0	10,108.2	9,998.0	26.7	28.1	126.74	726.4	-1,004.1	966.4	914.2	52.20	18.515	SF

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 6-35D
Project:	Garfield County	**TVD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Reference Site:	Sec 6 T6S R96W (F06 696)	**MD Reference:**	KBE @ 8244.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 6-35D	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	DD	**Database:**	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #2	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KBE @ 8244.0ft (Original Well Elev)	Coordinates are relative to: Chevron 6-35D
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Central Zone
Central Meridian is -105.500000 °	Grid Convergence at Surface is: -1.67°