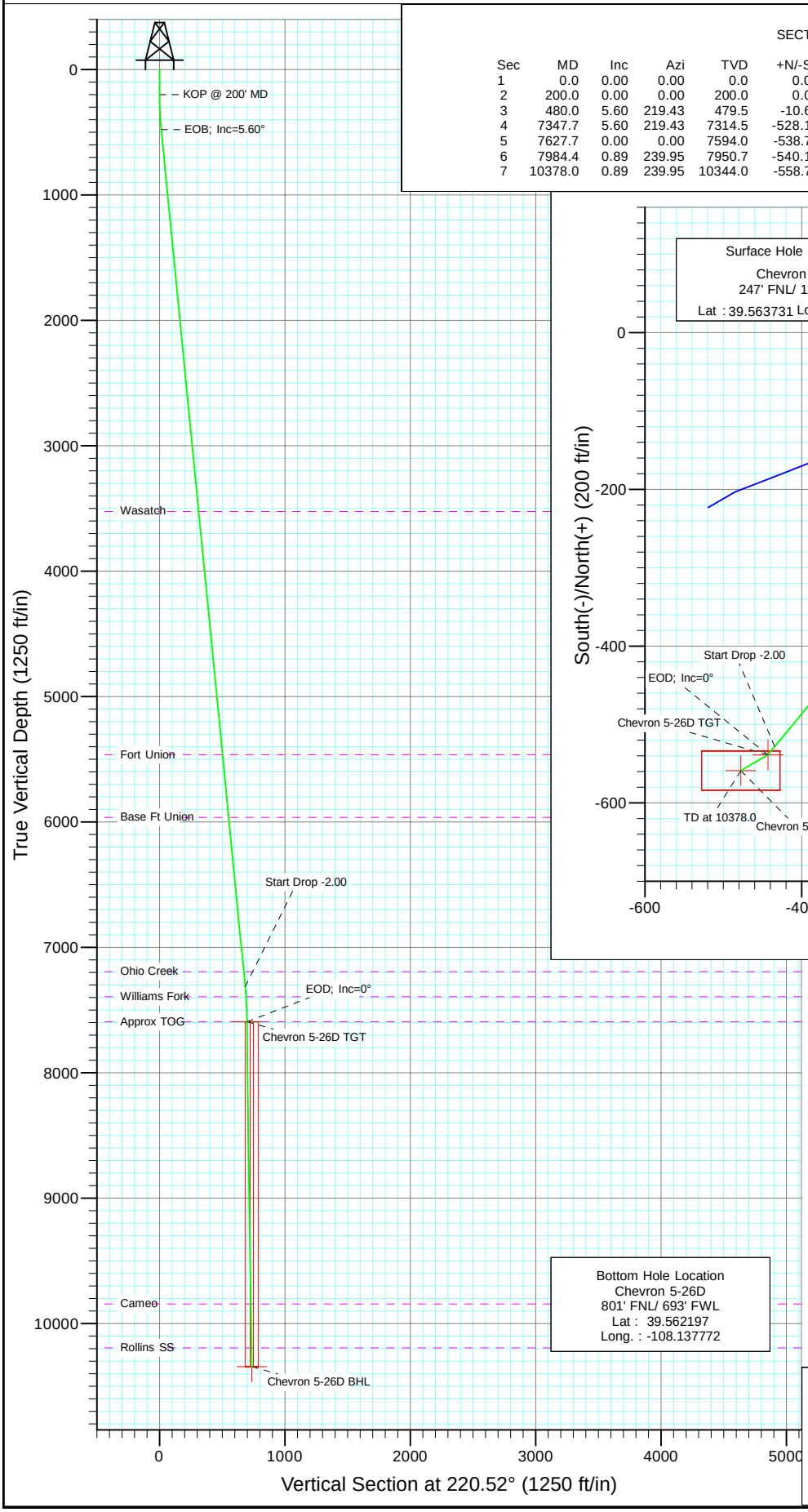
Berry Petroleum Company

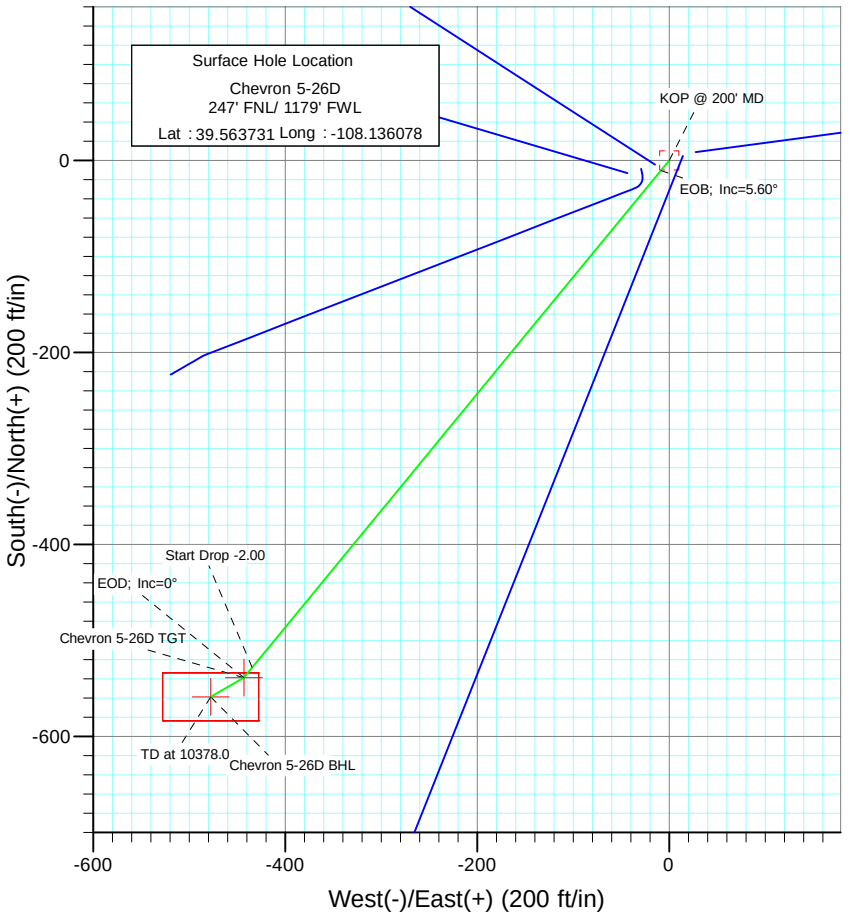
Project: Garfield County
Site: Chevron D05 696 Pad
Well: Chevron 5-26D
Wellbore: DD
Design: Plan #2

CATHEDRAL

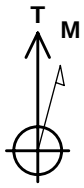
SECTION DETAILS

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	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	480.0	5.60	219.43	479.5	-10.6	-8.7	2.00	219.43	13.7	
4	7347.7	5.60	219.43	7314.5	-528.1	-434.3	0.00	0.00	683.6	
5	7627.7	0.00	0.00	7594.0	-538.7	-443.0	2.00	180.00	697.3	Chevron 5-26D TGT
6	7984.4	0.89	239.95	7950.7	-540.1	-445.4	0.25	239.95	699.9	
7	10378.0	0.89	239.95	10344.0	-558.7	-477.6	0.00	0.00	735.0	Chevron 5-26D BHL





Bottom Hole Location
Chevron 5-26D
801' FNL/ 693' FWL
Lat : 39.562197
Long. : -108.137772



Azimuths to True North
Magnetic North: 10.59°

Magnetic Field
Strength: 52430.6snT
Dip Angle: 65.82°
Date: 12/14/2009
Model: IGRF200510

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3524.0	3539.0	Wasatch
5464.0	5488.3	Fort Union
5964.0	5990.7	Base Ft Union
7194.0	7226.6	Ohio Creek
7394.0	7427.5	Williams Fork
7594.0	7627.7	Approx TOG
9844.0	9877.9	Cameo
10194.0	10227.9	Rollins SS

DESIGN DETAILS: Plan #2

95XXX; BH
KBE @ 8160.0ft (Original Well Elev)

Target	Azimuth	Origin	N/S	E/W	From TVD
Chevron 5-26D BHL	220.52	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 5-26D
Company:	Berry Petroleum Company (NAD 83)	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Project:	Garfield County	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site:	Chevron D05 696 Pad	**North Reference:**	True
Well:	Chevron 5-26D	**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	Chevron D05 696 Pad				
Site Position:		**Northing:**	1,641,014.90 ft	**Latitude:**	39.563760
From:	Lat/Long	**Easting:**	2,256,856.29 ft	**Longitude:**	-108.136313
Position Uncertainty:	0.0 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	-1.66 °

Well	Chevron 5-26D					
Well Position	**+N/-S**	0.0 ft	**Northing:**	1,641,002.41 ft	**Latitude:**	39.563731
	+E/-W	0.0 ft	**Easting:**	2,256,922.21 ft	**Longitude:**	-108.136078
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	8,142.0 ft

Wellbore	DD			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	12/14/2009	10.59	65.82	52,431

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	220.52

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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
480.0	5.60	219.43	479.5	-10.6	-8.7	2.00	2.00	0.00	219.43	
7,347.7	5.60	219.43	7,314.5	-528.1	-434.3	0.00	0.00	0.00	0.00	
7,627.7	0.00	0.00	7,594.0	-538.7	-443.0	2.00	-2.00	0.00	180.00	Chevron 5-26D TGT
7,984.4	0.89	239.95	7,950.7	-540.1	-445.4	0.25	0.25	-33.65	239.95	
10,378.0	0.89	239.95	10,344.0	-558.7	-477.6	0.00	0.00	0.00	0.00	Chevron 5-26D BHL

Database:	EDM 5000.1 US Multi Users DB	**Local Co-ordinate Reference:**	Well Chevron 5-26D
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Project:	Garfield County	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site:	Chevron D05 696 Pad	**North Reference:**	True
Well:	Chevron 5-26D	**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	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	KOP @ 200' MD
210.0	0.20	219.43	210.0	0.0	0.0	0.0	2.00	2.00	
240.0	0.80	219.43	240.0	-0.2	-0.2	0.3	2.00	2.00	
270.0	1.40	219.43	270.0	-0.7	-0.5	0.9	2.00	2.00	
300.0	2.00	219.43	300.0	-1.3	-1.1	1.7	2.00	2.00	
330.0	2.60	219.43	330.0	-2.3	-1.9	2.9	2.00	2.00	
360.0	3.20	219.43	359.9	-3.5	-2.8	4.5	2.00	2.00	
390.0	3.80	219.43	389.9	-4.9	-4.0	6.3	2.00	2.00	
420.0	4.40	219.43	419.8	-6.5	-5.4	8.4	2.00	2.00	
450.0	5.00	219.43	449.7	-8.4	-6.9	10.9	2.00	2.00	
480.0	5.60	219.43	479.5	-10.6	-8.7	13.7	2.00	2.00	EOB; Inc=5.60°
510.0	5.60	219.43	509.4	-12.8	-10.5	16.6	0.00	0.00	
540.0	5.60	219.43	539.3	-15.1	-12.4	19.5	0.00	0.00	
570.0	5.60	219.43	569.1	-17.3	-14.3	22.4	0.00	0.00	
600.0	5.60	219.43	599.0	-19.6	-16.1	25.4	0.00	0.00	
630.0	5.60	219.43	628.8	-21.9	-18.0	28.3	0.00	0.00	
660.0	5.60	219.43	658.7	-24.1	-19.8	31.2	0.00	0.00	
690.0	5.60	219.43	688.6	-26.4	-21.7	34.2	0.00	0.00	
720.0	5.60	219.43	718.4	-28.6	-23.6	37.1	0.00	0.00	
750.0	5.60	219.43	748.3	-30.9	-25.4	40.0	0.00	0.00	
780.0	5.60	219.43	778.1	-33.2	-27.3	42.9	0.00	0.00	
810.0	5.60	219.43	808.0	-35.4	-29.1	45.9	0.00	0.00	
840.0	5.60	219.43	837.8	-37.7	-31.0	48.8	0.00	0.00	
870.0	5.60	219.43	867.7	-40.0	-32.9	51.7	0.00	0.00	
900.0	5.60	219.43	897.6	-42.2	-34.7	54.6	0.00	0.00	
930.0	5.60	219.43	927.4	-44.5	-36.6	57.6	0.00	0.00	
960.0	5.60	219.43	957.3	-46.7	-38.4	60.5	0.00	0.00	
990.0	5.60	219.43	987.1	-49.0	-40.3	63.4	0.00	0.00	
1,020.0	5.60	219.43	1,017.0	-51.3	-42.1	66.3	0.00	0.00	
1,050.0	5.60	219.43	1,046.8	-53.5	-44.0	69.3	0.00	0.00	
1,080.0	5.60	219.43	1,076.7	-55.8	-45.9	72.2	0.00	0.00	
1,110.0	5.60	219.43	1,106.5	-58.0	-47.7	75.1	0.00	0.00	
1,140.0	5.60	219.43	1,136.4	-60.3	-49.6	78.1	0.00	0.00	
1,170.0	5.60	219.43	1,166.3	-62.6	-51.4	81.0	0.00	0.00	
1,200.0	5.60	219.43	1,196.1	-64.8	-53.3	83.9	0.00	0.00	
1,230.0	5.60	219.43	1,226.0	-67.1	-55.2	86.8	0.00	0.00	
1,260.0	5.60	219.43	1,255.8	-69.3	-57.0	89.8	0.00	0.00	
1,290.0	5.60	219.43	1,285.7	-71.6	-58.9	92.7	0.00	0.00	
1,320.0	5.60	219.43	1,315.5	-73.9	-60.7	95.6	0.00	0.00	
1,350.0	5.60	219.43	1,345.4	-76.1	-62.6	98.5	0.00	0.00	
1,380.0	5.60	219.43	1,375.3	-78.4	-64.5	101.5	0.00	0.00	
1,410.0	5.60	219.43	1,405.1	-80.6	-66.3	104.4	0.00	0.00	
1,440.0	5.60	219.43	1,435.0	-82.9	-68.2	107.3	0.00	0.00	
1,470.0	5.60	219.43	1,464.8	-85.2	-70.0	110.2	0.00	0.00	
1,500.0	5.60	219.43	1,494.7	-87.4	-71.9	113.2	0.00	0.00	

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Site:	Chevron D05 696 Pad	**North Reference:**	True
Well:	Chevron 5-26D	**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	5.60	219.43	1,524.5	-89.7	-73.8	116.1	0.00	0.00	
1,560.0	5.60	219.43	1,554.4	-92.0	-75.6	119.0	0.00	0.00	
1,590.0	5.60	219.43	1,584.3	-94.2	-77.5	122.0	0.00	0.00	
1,620.0	5.60	219.43	1,614.1	-96.5	-79.3	124.9	0.00	0.00	
1,650.0	5.60	219.43	1,644.0	-98.7	-81.2	127.8	0.00	0.00	
1,680.0	5.60	219.43	1,673.8	-101.0	-83.0	130.7	0.00	0.00	
1,710.0	5.60	219.43	1,703.7	-103.3	-84.9	133.7	0.00	0.00	
1,740.0	5.60	219.43	1,733.5	-105.5	-86.8	136.6	0.00	0.00	
1,770.0	5.60	219.43	1,763.4	-107.8	-88.6	139.5	0.00	0.00	
1,800.0	5.60	219.43	1,793.3	-110.0	-90.5	142.4	0.00	0.00	
1,830.0	5.60	219.43	1,823.1	-112.3	-92.3	145.4	0.00	0.00	
1,860.0	5.60	219.43	1,853.0	-114.6	-94.2	148.3	0.00	0.00	
1,890.0	5.60	219.43	1,882.8	-116.8	-96.1	151.2	0.00	0.00	
1,920.0	5.60	219.43	1,912.7	-119.1	-97.9	154.1	0.00	0.00	
1,950.0	5.60	219.43	1,942.5	-121.3	-99.8	157.1	0.00	0.00	
1,980.0	5.60	219.43	1,972.4	-123.6	-101.6	160.0	0.00	0.00	
2,010.0	5.60	219.43	2,002.3	-125.9	-103.5	162.9	0.00	0.00	
2,040.0	5.60	219.43	2,032.1	-128.1	-105.4	165.9	0.00	0.00	
2,070.0	5.60	219.43	2,062.0	-130.4	-107.2	168.8	0.00	0.00	
2,100.0	5.60	219.43	2,091.8	-132.7	-109.1	171.7	0.00	0.00	
2,130.0	5.60	219.43	2,121.7	-134.9	-110.9	174.6	0.00	0.00	
2,160.0	5.60	219.43	2,151.5	-137.2	-112.8	177.6	0.00	0.00	
2,190.0	5.60	219.43	2,181.4	-139.4	-114.7	180.5	0.00	0.00	
2,220.0	5.60	219.43	2,211.3	-141.7	-116.5	183.4	0.00	0.00	
2,250.0	5.60	219.43	2,241.1	-144.0	-118.4	186.3	0.00	0.00	
2,280.0	5.60	219.43	2,271.0	-146.2	-120.2	189.3	0.00	0.00	
2,310.0	5.60	219.43	2,300.8	-148.5	-122.1	192.2	0.00	0.00	
2,340.0	5.60	219.43	2,330.7	-150.7	-123.9	195.1	0.00	0.00	
2,370.0	5.60	219.43	2,360.5	-153.0	-125.8	198.0	0.00	0.00	
2,400.0	5.60	219.43	2,390.4	-155.3	-127.7	201.0	0.00	0.00	
2,430.0	5.60	219.43	2,420.3	-157.5	-129.5	203.9	0.00	0.00	
2,460.0	5.60	219.43	2,450.1	-159.8	-131.4	206.8	0.00	0.00	
2,490.0	5.60	219.43	2,480.0	-162.0	-133.2	209.8	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 5-26D TGT	0.00	0.00	7,594.0	-538.7	-443.0	1,640,476.79	2,256,463.82	39.562252	-108.137649
- plan misses target center by 5137.2ft at 2490.0ft MD (2480.0 TVD, -162.0 N, -133.2 E)									
- Point									
Chevron 5-26D BHL	0.00	0.00	10,344.0	-558.7	-477.6	1,640,457.76	2,256,428.60	39.562197	-108.137772
- plan misses target center by 7881.6ft at 2490.0ft MD (2480.0 TVD, -162.0 N, -133.2 E)									
- Rectangle (sides W50.0 H100.0 D0.0)									

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Site:	Chevron D05 696 Pad	**North Reference:**	True
Well:	Chevron 5-26D	**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	5.60	219.43	2,489.9	-162.8	-133.9	210.7	0.00	0.00	
2,600.0	5.60	219.43	2,589.4	-170.3	-140.1	220.5	0.00	0.00	
2,700.0	5.60	219.43	2,689.0	-177.9	-146.3	230.2	0.00	0.00	
2,800.0	5.60	219.43	2,788.5	-185.4	-152.5	240.0	0.00	0.00	
2,900.0	5.60	219.43	2,888.0	-192.9	-158.6	249.7	0.00	0.00	
3,000.0	5.60	219.43	2,987.5	-200.5	-164.8	259.5	0.00	0.00	
3,100.0	5.60	219.43	3,087.1	-208.0	-171.0	269.3	0.00	0.00	
3,200.0	5.60	219.43	3,186.6	-215.6	-177.2	279.0	0.00	0.00	
3,300.0	5.60	219.43	3,286.1	-223.1	-183.4	288.8	0.00	0.00	
3,400.0	5.60	219.43	3,385.6	-230.6	-189.6	298.5	0.00	0.00	
3,500.0	5.60	219.43	3,485.1	-238.2	-195.8	308.3	0.00	0.00	
3,539.0	5.60	219.43	3,524.0	-241.1	-198.2	312.1	0.00	0.00	Wasatch
3,600.0	5.60	219.43	3,584.7	-245.7	-202.0	318.0	0.00	0.00	
3,700.0	5.60	219.43	3,684.2	-253.2	-208.2	327.8	0.00	0.00	
3,800.0	5.60	219.43	3,783.7	-260.8	-214.4	337.5	0.00	0.00	
3,900.0	5.60	219.43	3,883.2	-268.3	-220.6	347.3	0.00	0.00	
4,000.0	5.60	219.43	3,982.8	-275.8	-226.8	357.1	0.00	0.00	
4,100.0	5.60	219.43	4,082.3	-283.4	-233.0	366.8	0.00	0.00	
4,200.0	5.60	219.43	4,181.8	-290.9	-239.2	376.6	0.00	0.00	
4,300.0	5.60	219.43	4,281.3	-298.5	-245.4	386.3	0.00	0.00	
4,400.0	5.60	219.43	4,380.9	-306.0	-251.6	396.1	0.00	0.00	
4,500.0	5.60	219.43	4,480.4	-313.5	-257.8	405.8	0.00	0.00	
4,600.0	5.60	219.43	4,579.9	-321.1	-264.0	415.6	0.00	0.00	
4,700.0	5.60	219.43	4,679.4	-328.6	-270.2	425.3	0.00	0.00	
4,800.0	5.60	219.43	4,778.9	-336.1	-276.4	435.1	0.00	0.00	
4,900.0	5.60	219.43	4,878.5	-343.7	-282.6	444.9	0.00	0.00	
5,000.0	5.60	219.43	4,978.0	-351.2	-288.8	454.6	0.00	0.00	
5,100.0	5.60	219.43	5,077.5	-358.7	-295.0	464.4	0.00	0.00	
5,200.0	5.60	219.43	5,177.0	-366.3	-301.2	474.1	0.00	0.00	
5,300.0	5.60	219.43	5,276.6	-373.8	-307.4	483.9	0.00	0.00	
5,400.0	5.60	219.43	5,376.1	-381.4	-313.6	493.6	0.00	0.00	
5,488.3	5.60	219.43	5,464.0	-388.0	-319.0	502.2	0.00	0.00	Fort Union
5,500.0	5.60	219.43	5,475.6	-388.9	-319.8	503.4	0.00	0.00	
5,600.0	5.60	219.43	5,575.1	-396.4	-326.0	513.1	0.00	0.00	
5,700.0	5.60	219.43	5,674.6	-404.0	-332.2	522.9	0.00	0.00	
5,800.0	5.60	219.43	5,774.2	-411.5	-338.4	532.7	0.00	0.00	
5,900.0	5.60	219.43	5,873.7	-419.0	-344.6	542.4	0.00	0.00	
5,990.7	5.60	219.43	5,964.0	-425.9	-350.2	551.3	0.00	0.00	Base Ft Union
6,000.0	5.60	219.43	5,973.2	-426.6	-350.8	552.2	0.00	0.00	
6,100.0	5.60	219.43	6,072.7	-434.1	-356.9	561.9	0.00	0.00	
6,200.0	5.60	219.43	6,172.3	-441.6	-363.1	571.7	0.00	0.00	
6,300.0	5.60	219.43	6,271.8	-449.2	-369.3	581.4	0.00	0.00	
6,400.0	5.60	219.43	6,371.3	-456.7	-375.5	591.2	0.00	0.00	
6,500.0	5.60	219.43	6,470.8	-464.3	-381.7	600.9	0.00	0.00	
6,600.0	5.60	219.43	6,570.4	-471.8	-387.9	610.7	0.00	0.00	
6,700.0	5.60	219.43	6,669.9	-479.3	-394.1	620.4	0.00	0.00	
6,800.0	5.60	219.43	6,769.4	-486.9	-400.3	630.2	0.00	0.00	
6,900.0	5.60	219.43	6,868.9	-494.4	-406.5	640.0	0.00	0.00	
7,000.0	5.60	219.43	6,968.4	-501.9	-412.7	649.7	0.00	0.00	
7,100.0	5.60	219.43	7,068.0	-509.5	-418.9	659.5	0.00	0.00	
7,200.0	5.60	219.43	7,167.5	-517.0	-425.1	669.2	0.00	0.00	
7,226.6	5.60	219.43	7,194.0	-519.0	-426.8	671.8	0.00	0.00	Ohio Creek

Database:	EDM 5000.1 US Multi Users DB	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Company:	Berry Petroleum Company (NAD 83)	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Project:	Garfield County	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site:	Chevron D05 696 Pad	**North Reference:**	True
Well:	Chevron 5-26D	**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
7,300.0	5.60	219.43	7,267.0	-524.5	-431.3	679.0	0.00	0.00	
7,347.7	5.60	219.43	7,314.5	-528.1	-434.3	683.6	0.00	0.00	Start Drop -2.00
7,400.0	4.55	219.43	7,366.6	-531.7	-437.2	688.3	2.00	-2.00	
7,427.5	4.00	219.43	7,394.0	-533.3	-438.5	690.3	2.00	-2.00	Williams Fork
7,500.0	2.55	219.43	7,466.4	-536.5	-441.1	694.5	2.00	-2.00	
7,600.0	0.55	219.43	7,566.3	-538.6	-442.9	697.2	2.00	-2.00	
7,627.7	0.00	0.00	7,594.0	-538.7	-443.0	697.3	2.00	-2.00	EOD; Inc=0° - Approx TOG - Chevron 5-26D TC
7,700.0	0.18	239.95	7,666.3	-538.8	-443.0	697.4	0.25	0.25	
7,800.0	0.43	239.95	7,766.3	-539.0	-443.5	697.9	0.25	0.25	
7,900.0	0.68	239.95	7,866.3	-539.5	-444.4	698.8	0.25	0.25	
7,984.4	0.89	239.95	7,950.7	-540.1	-445.4	699.9	0.25	0.25	
8,000.0	0.89	239.95	7,966.3	-540.2	-445.6	700.1	0.00	0.00	
8,100.0	0.89	239.95	8,066.3	-541.0	-446.9	701.6	0.00	0.00	
8,200.0	0.89	239.95	8,166.3	-541.8	-448.3	703.1	0.00	0.00	
8,300.0	0.89	239.95	8,266.3	-542.5	-449.6	704.5	0.00	0.00	
8,400.0	0.89	239.95	8,366.3	-543.3	-451.0	706.0	0.00	0.00	
8,500.0	0.89	239.95	8,466.3	-544.1	-452.3	707.5	0.00	0.00	
8,600.0	0.89	239.95	8,566.3	-544.9	-453.6	709.0	0.00	0.00	
8,700.0	0.89	239.95	8,666.2	-545.7	-455.0	710.4	0.00	0.00	
8,800.0	0.89	239.95	8,766.2	-546.4	-456.3	711.9	0.00	0.00	
8,900.0	0.89	239.95	8,866.2	-547.2	-457.7	713.4	0.00	0.00	
9,000.0	0.89	239.95	8,966.2	-548.0	-459.0	714.8	0.00	0.00	
9,100.0	0.89	239.95	9,066.2	-548.8	-460.4	716.3	0.00	0.00	
9,200.0	0.89	239.95	9,166.2	-549.6	-461.7	717.8	0.00	0.00	
9,300.0	0.89	239.95	9,266.2	-550.3	-463.1	719.2	0.00	0.00	
9,400.0	0.89	239.95	9,366.2	-551.1	-464.4	720.7	0.00	0.00	
9,500.0	0.89	239.95	9,466.1	-551.9	-465.8	722.2	0.00	0.00	
9,600.0	0.89	239.95	9,566.1	-552.7	-467.1	723.6	0.00	0.00	
9,700.0	0.89	239.95	9,666.1	-553.5	-468.5	725.1	0.00	0.00	
9,800.0	0.89	239.95	9,766.1	-554.2	-469.8	726.6	0.00	0.00	
9,877.9	0.89	239.95	9,844.0	-554.8	-470.9	727.7	0.00	0.00	Cameo
9,900.0	0.89	239.95	9,866.1	-555.0	-471.2	728.0	0.00	0.00	
10,000.0	0.89	239.95	9,966.1	-555.8	-472.5	729.5	0.00	0.00	
10,100.0	0.89	239.95	10,066.1	-556.6	-473.9	731.0	0.00	0.00	
10,200.0	0.89	239.95	10,166.1	-557.4	-475.2	732.4	0.00	0.00	
10,227.9	0.89	239.95	10,194.0	-557.6	-475.6	732.8	0.00	0.00	Rollins SS
10,300.0	0.89	239.95	10,266.0	-558.1	-476.5	733.9	0.00	0.00	
10,378.0	0.89	239.95	10,344.0	-558.7	-477.6	735.0	0.00	0.00	Chevron 5-26D 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 5-26D TGT - plan hits target center - Point	0.00	0.00	7,594.0	-538.7	-443.0	1,640,476.79	2,256,463.82	39.562252	-108.137649
Chevron 5-26D BHL - plan hits target center - Rectangle (sides W50.0 H100.0 D0.0)	0.00	0.00	10,344.0	-558.7	-477.6	1,640,457.76	2,256,428.60	39.562197	-108.137772

Database:	EDM 5000.1 US Multi Users DB	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Company:	Berry Petroleum Company (NAD 83)	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Project:	Garfield County	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site:	Chevron D05 696 Pad	**North Reference:**	True
Well:	Chevron 5-26D	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
Design:	Plan #2		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,539.0	3,524.0	Wasatch		0.00	
5,488.3	5,464.0	Fort Union		0.00	
5,990.7	5,964.0	Base Ft Union		0.00	
7,226.6	7,194.0	Ohio Creek		0.00	
7,427.5	7,394.0	Williams Fork		0.00	
7,627.7	7,594.0	Approx TOG		0.00	
9,877.9	9,844.0	Cameo		0.00	
10,227.9	10,194.0	Rollins SS		0.00	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
200.0	200.0	0.0	0.0	KOP @ 200' MD
480.0	479.5	-10.6	-8.7	EOB; Inc=5.60°
7,347.7	7,314.5	-528.1	-434.3	Start Drop -2.00
7,627.7	7,594.0	-538.7	-443.0	EOD; Inc=0°
10,378.0	10,344.0	-558.7	-477.6	TD at 10378.0

Berry Petroleum Company (NAD 83)

Garfield County
Chevron D05 696 Pad
Chevron 5-26D
DD
Plan #2

Anticollision Report

22 November, 2010

Cathedral Energy Services

Anticollision Report

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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** 11/22/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	10,378.0	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
Chevron D05 696 Pad						
Chevron 35-1D - DD - Plan #4	295.3	295.0	15.2	14.2	15.618	CC
Chevron 35-1D - DD - Plan #4	300.0	299.6	15.2	14.2	15.360	ES
Chevron 35-1D - DD - Plan #4	400.0	398.9	16.8	15.4	12.370	SF
Chevron 5-16D - DD - Plan #3	200.0	200.0	29.0	28.3	45.615	CC, ES
Chevron 5-16D - DD - Plan #3	400.0	397.2	41.7	40.4	31.243	SF
Chevron 5-24D - DD - Plan #2	200.0	200.0	15.1	14.5	23.828	CC, ES
Chevron 5-24D - DD - Plan #2	1,000.0	1,001.4	31.9	27.6	7.347	SF
Chevron 5-27D - DD - Plan #3	726.3	724.7	25.2	22.5	9.427	CC, ES
Chevron 5-27D - DD - Plan #3	800.0	798.0	26.2	23.3	8.857	SF
Chevron 5-28D - DD - Plan #4	669.7	667.7	16.3	13.9	6.844	CC, ES
Chevron 5-28D - DD - Plan #4	900.0	897.8	20.3	16.9	5.841	SF

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 35-1D - DD - Plan #4

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	-106.65	-4.4	-14.7	15.3				
100.0	100.0	100.0	100.0	0.1	0.1	-106.65	-4.4	-14.7	15.3	15.0	0.29	53.459	
200.0	200.0	200.0	200.0	0.3	0.3	-106.65	-4.4	-14.7	15.3	14.7	0.64	24.086	
295.3	295.3	295.0	294.9	0.5	0.5	41.80	-3.5	-16.0	15.2	14.2	0.97	15.618	CC
300.0	300.0	299.6	299.6	0.5	0.5	42.59	-3.4	-16.1	15.2	14.2	0.99	15.360	ES
400.0	399.8	398.9	398.7	0.7	0.7	66.87	-0.6	-20.5	16.8	15.4	1.35	12.370	SF
500.0	499.5	497.5	497.0	0.9	0.9	92.17	4.0	-27.6	24.0	22.3	1.75	13.721	
600.0	599.0	596.1	594.9	1.1	1.2	104.54	10.2	-37.3	36.8	34.6	2.16	16.985	
700.0	698.5	695.0	693.1	1.4	1.4	110.26	16.6	-47.2	50.7	48.1	2.59	19.577	
800.0	798.0	794.0	791.3	1.6	1.7	113.50	23.1	-57.2	64.8	61.8	3.02	21.490	
900.0	897.6	892.9	889.5	1.9	1.9	115.57	29.5	-67.2	79.1	75.7	3.45	22.939	
1,000.0	997.1	991.8	987.8	2.1	2.2	117.01	35.9	-77.2	93.5	89.6	3.89	24.069	
1,100.0	1,096.6	1,090.8	1,086.0	2.3	2.5	118.06	42.4	-87.2	107.9	103.6	4.32	24.970	
1,200.0	1,196.1	1,189.7	1,184.2	2.6	2.7	118.87	48.8	-97.2	122.4	117.6	4.76	25.705	
1,300.0	1,295.6	1,288.6	1,282.4	2.8	3.0	119.50	55.3	-107.1	136.9	131.7	5.20	26.315	
1,400.0	1,395.2	1,387.6	1,380.7	3.1	3.3	120.02	61.7	-117.1	151.3	145.7	5.64	26.829	
1,500.0	1,494.7	1,486.5	1,478.9	3.3	3.5	120.44	68.1	-127.1	165.8	159.8	6.08	27.268	
1,600.0	1,594.2	1,585.5	1,577.1	3.5	3.8	120.80	74.6	-137.1	180.3	173.8	6.52	27.647	
1,700.0	1,693.7	1,684.4	1,675.3	3.8	4.1	121.10	81.0	-147.1	194.8	187.9	6.96	27.978	
1,800.0	1,793.3	1,783.3	1,773.5	4.0	4.3	121.36	87.4	-157.1	209.3	201.9	7.41	28.268	
1,900.0	1,892.8	1,882.3	1,871.8	4.3	4.6	121.59	93.9	-167.1	223.9	216.0	7.85	28.526	
2,000.0	1,992.3	1,981.2	1,970.0	4.5	4.9	121.79	100.3	-177.0	238.4	230.1	8.29	28.756	
2,100.0	2,091.8	2,080.1	2,068.2	4.8	5.2	121.97	106.8	-187.0	252.9	244.2	8.73	28.962	
2,200.0	2,191.3	2,179.1	2,166.4	5.0	5.4	122.12	113.2	-197.0	267.4	258.2	9.17	29.148	
2,300.0	2,290.9	2,278.0	2,264.6	5.3	5.7	122.26	119.6	-207.0	281.9	272.3	9.62	29.317	
2,400.0	2,390.4	2,377.0	2,362.9	5.5	6.0	122.39	126.1	-217.0	296.5	286.4	10.06	29.471	
2,500.0	2,489.9	2,475.9	2,461.1	5.7	6.2	122.51	132.5	-227.0	311.0	300.5	10.50	29.611	
2,600.0	2,589.4	2,574.8	2,559.3	6.0	6.5	122.61	139.0	-237.0	325.5	314.6	10.94	29.741	
2,700.0	2,689.0	2,673.8	2,657.5	6.2	6.8	122.71	145.4	-246.9	340.0	328.7	11.39	29.860	
2,800.0	2,788.5	2,772.7	2,755.8	6.5	7.0	122.80	151.8	-256.9	354.6	342.7	11.83	29.970	
2,900.0	2,888.0	2,871.6	2,854.0	6.7	7.3	122.88	158.3	-266.9	369.1	356.8	12.27	30.072	
3,000.0	2,987.5	2,970.6	2,952.2	7.0	7.6	122.95	164.7	-276.9	383.6	370.9	12.72	30.167	
3,100.0	3,087.1	3,069.5	3,050.4	7.2	7.9	123.02	171.2	-286.9	398.2	385.0	13.16	30.255	
3,200.0	3,186.6	3,168.5	3,148.6	7.4	8.1	123.09	177.6	-296.9	412.7	399.1	13.60	30.338	
3,300.0	3,286.1	3,267.4	3,246.9	7.7	8.4	123.15	184.0	-306.8	427.2	413.2	14.05	30.415	
3,400.0	3,385.6	3,366.3	3,345.1	7.9	8.7	123.20	190.5	-316.8	441.7	427.3	14.49	30.488	
3,500.0	3,485.1	3,465.3	3,443.3	8.2	8.9	123.26	196.9	-326.8	456.3	441.3	14.93	30.556	
3,600.0	3,584.7	3,564.2	3,541.5	8.4	9.2	123.31	203.3	-336.8	470.8	455.4	15.38	30.620	
3,700.0	3,684.2	3,663.1	3,639.8	8.7	9.5	123.35	209.8	-346.8	485.3	469.5	15.82	30.681	
3,800.0	3,783.7	3,762.1	3,738.0	8.9	9.8	123.40	216.2	-356.8	499.9	483.6	16.26	30.738	
3,900.0	3,883.2	3,861.0	3,836.2	9.2	10.0	123.44	222.7	-366.8	514.4	497.7	16.71	30.793	
4,000.0	3,982.8	3,960.0	3,934.4	9.4	10.3	123.48	229.1	-376.7	528.9	511.8	17.15	30.844	
4,100.0	4,082.3	4,058.9	4,032.6	9.6	10.6	123.52	235.5	-386.7	543.5	525.9	17.59	30.893	
4,200.0	4,181.8	4,157.8	4,130.9	9.9	10.8	123.55	242.0	-396.7	558.0	540.0	18.04	30.939	
4,300.0	4,281.3	4,256.8	4,229.1	10.1	11.1	123.58	248.4	-406.7	572.5	554.1	18.48	30.984	
4,400.0	4,380.9	4,355.7	4,327.3	10.4	11.4	123.62	254.9	-416.7	587.1	568.2	18.92	31.026	
4,500.0	4,480.4	4,454.7	4,425.5	10.6	11.6	123.65	261.3	-426.7	601.6	582.3	19.37	31.066	
4,600.0	4,579.9	4,553.6	4,523.7	10.9	11.9	123.67	267.7	-436.7	616.2	596.3	19.81	31.104	
4,700.0	4,679.4	4,652.5	4,622.0	11.1	12.2	123.70	274.2	-446.6	630.7	610.4	20.25	31.141	
4,800.0	4,778.9	4,751.5	4,720.2	11.3	12.5	123.73	280.6	-456.6	645.2	624.5	20.70	31.176	
4,900.0	4,878.5	4,850.4	4,818.4	11.6	12.7	123.75	287.0	-466.6	659.8	638.6	21.14	31.209	
5,000.0	4,978.0	4,949.3	4,916.6	11.8	13.0	123.78	293.5	-476.6	674.3	652.7	21.58	31.242	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 35-1D - DD - Plan #4

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	5,077.5	5,048.3	5,014.9	12.1	13.3	123.80	299.9	-486.6	688.8	666.8	22.03	31.273	
5,200.0	5,177.0	5,147.2	5,113.1	12.3	13.5	123.82	306.4	-496.6	703.4	680.9	22.47	31.302	
5,300.0	5,276.6	5,246.2	5,211.3	12.6	13.8	123.84	312.8	-506.5	717.9	695.0	22.91	31.331	
5,400.0	5,376.1	5,345.1	5,309.5	12.8	14.1	123.86	319.2	-516.5	732.4	709.1	23.36	31.358	
5,500.0	5,475.6	5,444.0	5,407.7	13.1	14.3	123.88	325.7	-526.5	747.0	723.2	23.80	31.385	
5,600.0	5,575.1	5,543.0	5,506.0	13.3	14.6	123.90	332.1	-536.5	761.5	737.3	24.24	31.410	
5,700.0	5,674.6	5,641.9	5,604.2	13.5	14.9	123.92	338.6	-546.5	776.0	751.4	24.69	31.434	
5,800.0	5,774.2	5,740.8	5,702.4	13.8	15.2	123.94	345.0	-556.5	790.6	765.4	25.13	31.458	
5,900.0	5,873.7	5,839.8	5,800.6	14.0	15.4	123.95	351.4	-566.5	805.1	779.5	25.57	31.481	
6,000.0	5,973.2	5,938.7	5,898.9	14.3	15.7	123.97	357.9	-576.4	819.6	793.6	26.02	31.503	
6,100.0	6,072.7	6,037.7	5,997.1	14.5	16.0	123.98	364.3	-586.4	834.2	807.7	26.46	31.524	
6,200.0	6,172.3	6,136.6	6,095.3	14.8	16.2	124.00	370.8	-596.4	848.7	821.8	26.91	31.545	
6,300.0	6,271.8	6,235.5	6,193.5	15.0	16.5	124.01	377.2	-606.4	863.3	835.9	27.35	31.565	
6,400.0	6,371.3	6,334.5	6,291.7	15.3	16.8	124.03	383.6	-616.4	877.8	850.0	27.79	31.584	
6,500.0	6,470.8	6,433.4	6,390.0	15.5	17.1	124.04	390.1	-626.4	892.3	864.1	28.24	31.603	
6,600.0	6,570.4	6,532.3	6,488.2	15.7	17.3	124.06	396.5	-636.4	906.9	878.2	28.68	31.621	
6,700.0	6,669.9	6,631.3	6,586.4	16.0	17.6	124.07	402.9	-646.3	921.4	892.3	29.12	31.638	
6,800.0	6,769.4	6,730.2	6,684.6	16.2	17.9	124.08	409.4	-656.3	935.9	906.4	29.57	31.655	
6,900.0	6,868.9	6,829.2	6,782.8	16.5	18.1	124.09	415.8	-666.3	950.5	920.5	30.01	31.672	
7,000.0	6,968.4	6,928.1	6,881.1	16.7	18.4	124.10	422.3	-676.3	965.0	934.6	30.45	31.688	
7,100.0	7,068.0	7,027.0	6,979.3	17.0	18.7	124.12	428.7	-686.3	979.5	948.7	30.90	31.703	
7,200.0	7,167.5	7,126.0	7,077.5	17.2	18.9	124.13	435.1	-696.3	994.1	962.7	31.34	31.718	
7,300.0	7,267.0	7,224.9	7,175.7	17.4	19.2	124.14	441.6	-706.2	1,008.6	976.8	31.78	31.733	
7,400.0	7,366.6	7,334.3	7,284.3	17.7	19.5	124.25	448.6	-717.1	1,022.7	990.5	32.26	31.707	
7,500.0	7,466.4	7,470.7	7,420.3	17.9	19.8	124.39	454.7	-726.6	1,032.5	999.8	32.72	31.560	
7,600.0	7,566.3	7,608.0	7,557.5	18.0	20.0	124.45	457.3	-730.7	1,036.7	1,003.6	33.09	31.330	
7,700.0	7,666.3	7,717.7	7,667.2	18.1	20.1	103.93	457.4	-730.9	1,036.9	1,003.5	33.39	31.053	
7,800.0	7,766.3	7,818.8	7,768.3	18.3	20.2	103.93	457.1	-731.4	1,036.9	1,003.2	33.69	30.778	
7,900.0	7,866.3	7,919.9	7,869.4	18.4	20.4	103.93	456.6	-732.3	1,036.9	1,002.9	34.00	30.500	
7,988.4	7,954.7	8,009.1	7,958.6	18.5	20.5	103.92	455.9	-733.4	1,036.9	1,002.6	34.27	30.252	
8,000.0	7,966.3	8,020.7	7,970.2	18.6	20.5	103.92	455.8	-733.5	1,036.9	1,002.5	34.31	30.220	
8,100.0	8,066.3	8,120.7	8,070.2	18.7	20.6	103.92	455.1	-734.9	1,036.9	1,002.2	34.63	29.945	
8,200.0	8,166.3	8,220.7	8,170.1	18.9	20.7	103.92	454.3	-736.2	1,036.9	1,001.9	34.94	29.675	
8,300.0	8,266.3	8,320.7	8,270.1	19.0	20.9	103.92	453.5	-737.6	1,036.9	1,001.6	35.26	29.408	
8,400.0	8,366.3	8,420.7	8,370.1	19.2	21.0	103.92	452.7	-738.9	1,036.9	1,001.3	35.57	29.147	
8,500.0	8,466.3	8,520.7	8,470.1	19.3	21.1	103.92	452.0	-740.3	1,036.9	1,001.0	35.89	28.889	
8,600.0	8,566.3	8,620.7	8,570.1	19.5	21.3	103.93	451.2	-741.6	1,036.9	1,000.7	36.21	28.635	
8,700.0	8,666.2	8,720.7	8,670.1	19.6	21.4	103.93	450.4	-743.0	1,036.9	1,000.4	36.53	28.385	
8,800.0	8,766.2	8,820.7	8,770.1	19.8	21.5	103.93	449.6	-744.3	1,036.9	1,000.0	36.85	28.139	
8,900.0	8,866.2	8,920.7	8,870.1	19.9	21.7	103.93	448.9	-745.6	1,036.9	999.7	37.17	27.897	
9,000.0	8,966.2	9,020.7	8,970.0	20.1	21.8	103.93	448.1	-747.0	1,036.9	999.4	37.49	27.658	
9,100.0	9,066.2	9,120.7	9,070.0	20.2	21.9	103.93	447.3	-748.3	1,036.9	999.1	37.81	27.423	
9,200.0	9,166.2	9,220.7	9,170.0	20.4	22.1	103.93	446.5	-749.7	1,036.9	998.8	38.13	27.192	
9,300.0	9,266.2	9,320.7	9,270.0	20.5	22.2	103.93	445.8	-751.0	1,036.9	998.5	38.46	26.964	
9,400.0	9,366.2	9,420.7	9,370.0	20.7	22.3	103.93	445.0	-752.4	1,036.9	998.1	38.78	26.739	
9,500.0	9,466.1	9,520.7	9,470.0	20.8	22.5	103.93	444.2	-753.7	1,036.9	997.8	39.10	26.518	
9,600.0	9,566.1	9,620.7	9,570.0	21.0	22.6	103.93	443.4	-755.1	1,036.9	997.5	39.43	26.300	
9,700.0	9,666.1	9,720.7	9,670.0	21.1	22.8	103.93	442.7	-756.4	1,036.9	997.2	39.75	26.086	
9,800.0	9,766.1	9,820.7	9,770.0	21.3	22.9	103.93	441.9	-757.8	1,036.9	996.9	40.08	25.874	
9,900.0	9,866.1	9,920.7	9,869.9	21.4	23.0	103.93	441.1	-759.1	1,036.9	996.5	40.40	25.666	
10,000.0	9,966.1	10,020.7	9,969.9	21.6	23.2	103.93	440.3	-760.4	1,036.9	996.2	40.73	25.461	
10,100.0	10,066.1	10,120.7	10,069.9	21.8	23.3	103.93	439.6	-761.8	1,036.9	995.9	41.05	25.258	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 35-1D - DD - Plan #4

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
10,200.0	10,166.1	10,220.7	10,169.9	21.9	23.5	103.93	438.8	-763.1	1,036.9	995.6	41.38	25.059	
10,300.0	10,266.0	10,320.7	10,269.9	22.1	23.6	103.93	438.0	-764.5	1,036.9	995.2	41.71	24.862	
10,343.3	10,309.3	10,364.0	10,313.2	22.1	23.7	103.93	437.7	-765.1	1,036.9	995.1	41.85	24.778	
10,378.0	10,344.0	10,390.8	10,340.0	22.2	23.7	103.93	437.5	-765.4	1,037.0	995.0	41.95	24.719	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-16D - 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	72.44	8.7	27.6	29.0				
100.0	100.0	100.0	100.0	0.1	0.1	72.44	8.7	27.6	29.0	28.7	0.29	101.243	
200.0	200.0	200.0	200.0	0.3	0.3	72.44	8.7	27.6	29.0	28.3	0.64	45.615	CC, ES
300.0	300.0	298.9	298.9	0.5	0.5	-148.10	9.0	29.3	32.1	31.2	0.98	32.692	
400.0	399.8	397.2	397.1	0.7	0.7	-150.41	9.6	34.4	41.7	40.4	1.33	31.243	SF
500.0	499.5	494.3	493.8	0.9	0.9	-152.53	10.7	42.6	57.5	55.9	1.69	34.060	
600.0	599.0	592.0	590.9	1.1	1.1	-153.66	12.1	53.2	76.7	74.6	2.05	37.407	
700.0	698.5	690.1	688.4	1.4	1.4	-154.33	13.6	64.0	95.9	93.5	2.41	39.752	
800.0	798.0	788.2	785.9	1.6	1.6	-154.77	15.0	74.7	115.2	112.4	2.78	41.468	
900.0	897.6	886.3	883.4	1.9	1.9	-155.09	16.4	85.5	134.5	131.3	3.14	42.777	
1,000.0	997.1	984.5	981.0	2.1	2.1	-155.32	17.9	96.2	153.8	150.2	3.51	43.807	
1,100.0	1,096.6	1,082.6	1,078.5	2.3	2.4	-155.51	19.3	107.0	173.0	169.2	3.88	44.638	
1,200.0	1,196.1	1,180.7	1,176.0	2.6	2.6	-155.65	20.7	117.8	192.3	188.1	4.24	45.323	
1,300.0	1,295.6	1,278.8	1,273.5	2.8	2.9	-155.77	22.2	128.5	211.6	207.0	4.61	45.897	
1,400.0	1,395.2	1,377.0	1,371.0	3.1	3.1	-155.88	23.6	139.3	230.9	225.9	4.98	46.384	
1,500.0	1,494.7	1,475.1	1,468.6	3.3	3.4	-155.96	25.0	150.0	250.2	244.8	5.34	46.804	
1,600.0	1,594.2	1,573.2	1,566.1	3.5	3.7	-156.03	26.4	160.8	269.4	263.7	5.71	47.169	
1,700.0	1,693.7	1,671.3	1,663.6	3.8	3.9	-156.10	27.9	171.5	288.7	282.6	6.08	47.489	
1,800.0	1,793.3	1,769.5	1,761.1	4.0	4.2	-156.15	29.3	182.3	308.0	301.5	6.45	47.772	
1,900.0	1,892.8	1,867.6	1,858.6	4.3	4.4	-156.20	30.7	193.1	327.3	320.5	6.81	48.023	
2,000.0	1,992.3	1,965.7	1,956.2	4.5	4.7	-156.24	32.2	203.8	346.6	339.4	7.18	48.249	
2,100.0	2,091.8	2,063.8	2,053.7	4.8	4.9	-156.28	33.6	214.6	365.8	358.3	7.55	48.453	
2,200.0	2,191.3	2,161.9	2,151.2	5.0	5.2	-156.32	35.0	225.3	385.1	377.2	7.92	48.637	
2,300.0	2,290.9	2,260.1	2,248.7	5.3	5.4	-156.35	36.5	236.1	404.4	396.1	8.29	48.805	
2,400.0	2,390.4	2,358.2	2,346.3	5.5	5.7	-156.38	37.9	246.8	423.7	415.0	8.65	48.958	
2,500.0	2,489.9	2,456.3	2,443.8	5.7	6.0	-156.40	39.3	257.6	443.0	433.9	9.02	49.099	
2,600.0	2,589.4	2,554.4	2,541.3	6.0	6.2	-156.43	40.8	268.4	462.2	452.9	9.39	49.229	
2,700.0	2,689.0	2,652.6	2,638.8	6.2	6.5	-156.45	42.2	279.1	481.5	471.8	9.76	49.348	
2,800.0	2,788.5	2,750.7	2,736.3	6.5	6.7	-156.47	43.6	289.9	500.8	490.7	10.13	49.459	
2,900.0	2,888.0	2,848.8	2,833.9	6.7	7.0	-156.49	45.0	300.6	520.1	509.6	10.49	49.562	
3,000.0	2,987.5	2,946.9	2,931.4	7.0	7.2	-156.51	46.5	311.4	539.4	528.5	10.86	49.659	
3,100.0	3,087.1	3,045.1	3,028.9	7.2	7.5	-156.52	47.9	322.1	558.7	547.4	11.23	49.748	
3,200.0	3,186.6	3,143.2	3,126.4	7.4	7.7	-156.54	49.3	332.9	577.9	566.3	11.60	49.832	
3,300.0	3,286.1	3,241.3	3,223.9	7.7	8.0	-156.55	50.8	343.6	597.2	585.3	11.97	49.911	
3,400.0	3,385.6	3,339.4	3,321.5	7.9	8.3	-156.56	52.2	354.4	616.5	604.2	12.33	49.985	
3,500.0	3,485.1	3,437.5	3,419.0	8.2	8.5	-156.58	53.6	365.2	635.8	623.1	12.70	50.055	
3,600.0	3,584.7	3,535.7	3,516.5	8.4	8.8	-156.59	55.1	375.9	655.1	642.0	13.07	50.120	
3,700.0	3,684.2	3,633.8	3,614.0	8.7	9.0	-156.60	56.5	386.7	674.4	660.9	13.44	50.182	
3,800.0	3,783.7	3,731.9	3,711.6	8.9	9.3	-156.61	57.9	397.4	693.6	679.8	13.81	50.241	
3,900.0	3,883.2	3,830.0	3,809.1	9.2	9.5	-156.62	59.3	408.2	712.9	698.7	14.17	50.297	
4,000.0	3,982.8	3,928.2	3,906.6	9.4	9.8	-156.63	60.8	418.9	732.2	717.7	14.54	50.350	
4,100.0	4,082.3	4,026.3	4,004.1	9.6	10.0	-156.64	62.2	429.7	751.5	736.6	14.91	50.400	
4,200.0	4,181.8	4,124.4	4,101.6	9.9	10.3	-156.65	63.6	440.5	770.8	755.5	15.28	50.448	
4,300.0	4,281.3	4,222.5	4,199.2	10.1	10.6	-156.65	65.1	451.2	790.1	774.4	15.65	50.493	
4,400.0	4,380.9	4,320.7	4,296.7	10.4	10.8	-156.66	66.5	462.0	809.3	793.3	16.01	50.536	
4,500.0	4,480.4	4,418.8	4,394.2	10.6	11.1	-156.67	67.9	472.7	828.6	812.2	16.38	50.578	
4,600.0	4,579.9	4,516.9	4,491.7	10.9	11.3	-156.68	69.4	483.5	847.9	831.1	16.75	50.618	
4,700.0	4,679.4	4,615.0	4,589.2	11.1	11.6	-156.68	70.8	494.2	867.2	850.1	17.12	50.655	
4,800.0	4,778.9	4,713.1	4,686.8	11.3	11.8	-156.69	72.2	505.0	886.5	869.0	17.49	50.692	
4,900.0	4,878.5	4,811.3	4,784.3	11.6	12.1	-156.70	73.7	515.8	905.7	887.9	17.86	50.726	
5,000.0	4,978.0	4,909.4	4,881.8	11.8	12.4	-156.70	75.1	526.5	925.0	906.8	18.22	50.760	
5,100.0	5,077.5	5,007.5	4,979.3	12.1	12.6	-156.71	76.5	537.3	944.3	925.7	18.59	50.792	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-16D - 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	5,177.0	5,105.6	5,076.8	12.3	12.9	-156.71	77.9	548.0	963.6	944.6	18.96	50.823	
5,300.0	5,276.6	5,203.8	5,174.4	12.6	13.1	-156.72	79.4	558.8	982.9	963.6	19.33	50.852	
5,400.0	5,376.1	5,301.9	5,271.9	12.8	13.4	-156.72	80.8	569.5	1,002.2	982.5	19.70	50.881	
5,500.0	5,475.6	5,400.0	5,369.4	13.1	13.6	-156.73	82.2	580.3	1,021.4	1,001.4	20.06	50.908	
5,600.0	5,575.1	5,498.1	5,466.9	13.3	13.9	-156.73	83.7	591.1	1,040.7	1,020.3	20.43	50.935	
5,700.0	5,674.6	5,596.3	5,564.5	13.5	14.1	-156.74	85.1	601.8	1,060.0	1,039.2	20.80	50.960	
5,800.0	5,774.2	5,694.4	5,662.0	13.8	14.4	-156.74	86.5	612.6	1,079.3	1,058.1	21.17	50.985	
5,900.0	5,873.7	5,792.5	5,759.5	14.0	14.7	-156.75	88.0	623.3	1,098.6	1,077.0	21.54	51.009	
6,000.0	5,973.2	5,890.6	5,857.0	14.3	14.9	-156.75	89.4	634.1	1,117.9	1,096.0	21.91	51.032	
6,100.0	6,072.7	5,988.8	5,954.5	14.5	15.2	-156.75	90.8	644.8	1,137.1	1,114.9	22.27	51.054	
6,200.0	6,172.3	6,086.9	6,052.1	14.8	15.4	-156.76	92.2	655.6	1,156.4	1,133.8	22.64	51.075	
6,300.0	6,271.8	6,185.0	6,149.6	15.0	15.7	-156.76	93.7	666.4	1,175.7	1,152.7	23.01	51.096	
6,400.0	6,371.3	6,283.1	6,247.1	15.3	15.9	-156.76	95.1	677.1	1,195.0	1,171.6	23.38	51.116	
6,500.0	6,470.8	6,381.2	6,344.6	15.5	16.2	-156.77	96.5	687.9	1,214.3	1,190.5	23.75	51.136	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-24D - 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	71.77	4.7	14.4	15.1				
100.0	100.0	100.0	100.0	0.1	0.1	71.77	4.7	14.4	15.1	14.9	0.29	52.887	
200.0	200.0	200.0	200.0	0.3	0.3	71.77	4.7	14.4	15.1	14.5	0.64	23.828	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-150.86	4.7	14.4	16.6	15.7	0.98	16.893	
400.0	399.8	400.4	400.3	0.7	0.7	-154.48	3.1	13.7	20.1	18.7	1.34	14.981	
500.0	499.5	500.9	500.7	0.9	0.9	-154.75	-1.8	11.8	24.0	22.3	1.70	14.108	
600.0	599.0	601.4	600.9	1.1	1.1	-150.81	-10.0	8.5	26.5	24.4	2.10	12.642	
700.0	698.5	701.9	700.6	1.4	1.3	-141.81	-21.4	4.0	27.0	24.4	2.56	10.544	
785.7	783.8	787.8	785.5	1.6	1.6	-129.19	-33.8	-0.9	26.8	23.7	3.06	8.764	
800.0	798.0	802.1	799.5	1.6	1.6	-126.72	-36.0	-1.8	26.8	23.7	3.15	8.522	
900.0	897.6	901.7	897.8	1.9	2.0	-110.15	-51.5	-8.0	28.3	24.6	3.77	7.510	
1,000.0	997.1	1,001.4	996.0	2.1	2.3	-96.28	-67.1	-14.1	31.9	27.6	4.35	7.347	SF
1,100.0	1,096.6	1,101.1	1,094.3	2.3	2.6	-85.68	-82.7	-20.3	37.0	32.1	4.85	7.631	
1,200.0	1,196.1	1,200.7	1,192.5	2.6	2.9	-77.82	-98.2	-26.5	43.0	37.7	5.30	8.114	
1,300.0	1,295.6	1,300.4	1,290.8	2.8	3.3	-71.96	-113.8	-32.6	49.6	43.9	5.72	8.668	
1,400.0	1,395.2	1,400.1	1,389.0	3.1	3.6	-67.51	-129.3	-38.8	56.6	50.5	6.13	9.229	
1,500.0	1,494.7	1,499.7	1,487.3	3.3	3.9	-64.06	-144.9	-45.0	63.9	57.3	6.54	9.769	
1,600.0	1,594.2	1,599.4	1,585.5	3.5	4.3	-61.32	-160.4	-51.1	71.3	64.4	6.94	10.276	
1,700.0	1,693.7	1,699.1	1,683.8	3.8	4.6	-59.10	-176.0	-57.3	78.9	71.6	7.34	10.748	
1,800.0	1,793.3	1,798.8	1,782.1	4.0	4.9	-57.27	-191.5	-63.5	86.6	78.8	7.74	11.183	
1,900.0	1,892.8	1,898.4	1,880.3	4.3	5.3	-55.74	-207.1	-69.7	94.3	86.2	8.14	11.583	
2,000.0	1,992.3	1,998.1	1,978.6	4.5	5.6	-54.44	-222.6	-75.8	102.1	93.6	8.55	11.952	
2,100.0	2,091.8	2,097.8	2,076.8	4.8	5.9	-53.33	-238.2	-82.0	110.0	101.0	8.95	12.292	
2,200.0	2,191.3	2,197.4	2,175.1	5.0	6.3	-52.37	-253.8	-88.2	117.9	108.5	9.35	12.606	
2,300.0	2,290.9	2,297.1	2,273.3	5.3	6.6	-51.52	-269.3	-94.3	125.8	116.0	9.75	12.896	
2,400.0	2,390.4	2,396.8	2,371.6	5.5	7.0	-50.78	-284.9	-100.5	133.7	123.6	10.16	13.165	
2,500.0	2,489.9	2,496.4	2,469.8	5.7	7.3	-50.12	-300.4	-106.7	141.7	131.1	10.56	13.415	
2,600.0	2,589.4	2,596.1	2,568.1	6.0	7.6	-49.53	-316.0	-112.8	149.7	138.7	10.97	13.647	
2,700.0	2,689.0	2,695.8	2,666.3	6.2	8.0	-49.00	-331.5	-119.0	157.7	146.3	11.37	13.863	
2,800.0	2,788.5	2,795.5	2,764.6	6.5	8.3	-48.52	-347.1	-125.2	165.7	153.9	11.78	14.065	
2,900.0	2,888.0	2,895.1	2,862.9	6.7	8.7	-48.09	-362.6	-131.4	173.7	161.5	12.19	14.255	
3,000.0	2,987.5	2,994.8	2,961.1	7.0	9.0	-47.69	-378.2	-137.5	181.7	169.1	12.59	14.432	
3,100.0	3,087.1	3,094.5	3,059.4	7.2	9.3	-47.33	-393.7	-143.7	189.8	176.8	13.00	14.599	
3,200.0	3,186.6	3,194.1	3,157.6	7.4	9.7	-47.00	-409.3	-149.9	197.8	184.4	13.40	14.756	
3,300.0	3,286.1	3,293.8	3,255.9	7.7	10.0	-46.69	-424.8	-156.0	205.8	192.0	13.81	14.903	
3,400.0	3,385.6	3,393.5	3,354.1	7.9	10.4	-46.41	-440.4	-162.2	213.9	199.7	14.22	15.043	
3,500.0	3,485.1	3,493.1	3,452.4	8.2	10.7	-46.15	-456.0	-168.4	221.9	207.3	14.63	15.175	
3,600.0	3,584.7	3,592.8	3,550.6	8.4	11.0	-45.90	-471.5	-174.6	230.0	215.0	15.03	15.300	
3,700.0	3,684.2	3,692.5	3,648.9	8.7	11.4	-45.67	-487.1	-180.7	238.1	222.6	15.44	15.418	
3,800.0	3,783.7	3,792.2	3,747.2	8.9	11.7	-45.46	-502.6	-186.9	246.1	230.3	15.85	15.531	
3,900.0	3,883.2	3,891.8	3,845.4	9.2	12.1	-45.26	-518.2	-193.1	254.2	238.0	16.26	15.638	
4,000.0	3,982.8	3,991.5	3,943.7	9.4	12.4	-45.07	-533.7	-199.2	262.3	245.6	16.66	15.739	
4,100.0	4,082.3	4,091.2	4,041.9	9.6	12.7	-44.90	-549.3	-205.4	270.4	253.3	17.07	15.836	
4,200.0	4,181.8	4,190.8	4,140.2	9.9	13.1	-44.73	-564.8	-211.6	278.4	261.0	17.48	15.929	
4,300.0	4,281.3	4,290.5	4,238.4	10.1	13.4	-44.57	-580.4	-217.7	286.5	268.6	17.89	16.017	
4,400.0	4,380.9	4,390.2	4,336.7	10.4	13.8	-44.43	-595.9	-223.9	294.6	276.3	18.30	16.102	
4,500.0	4,480.4	4,489.8	4,434.9	10.6	14.1	-44.29	-611.5	-230.1	302.7	284.0	18.70	16.182	
4,600.0	4,579.9	4,589.5	4,533.2	10.9	14.4	-44.15	-627.1	-236.3	310.8	291.7	19.11	16.260	
4,700.0	4,679.4	4,689.2	4,631.5	11.1	14.8	-44.03	-642.6	-242.4	318.9	299.3	19.52	16.334	
4,800.0	4,778.9	4,788.9	4,729.7	11.3	15.1	-43.91	-658.2	-248.6	326.9	307.0	19.93	16.405	
4,900.0	4,878.5	4,888.5	4,828.0	11.6	15.5	-43.79	-673.7	-254.8	335.0	314.7	20.34	16.473	
5,000.0	4,978.0	4,988.2	4,926.2	11.8	15.8	-43.68	-689.3	-260.9	343.1	322.4	20.75	16.539	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-24D - 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	5,077.5	5,087.9	5,024.5	12.1	16.1	-43.58	-704.8	-267.1	351.2	330.1	21.16	16.602	
5,200.0	5,177.0	5,187.5	5,122.7	12.3	16.5	-43.48	-720.4	-273.3	359.3	337.8	21.56	16.663	
5,300.0	5,276.6	5,287.2	5,221.0	12.6	16.8	-43.39	-735.9	-279.5	367.4	345.4	21.97	16.721	
5,400.0	5,376.1	5,386.9	5,319.2	12.8	17.2	-43.30	-751.5	-285.6	375.5	353.1	22.38	16.778	
5,500.0	5,475.6	5,486.5	5,417.5	13.1	17.5	-43.21	-767.0	-291.8	383.6	360.8	22.79	16.832	
5,600.0	5,575.1	5,586.2	5,515.8	13.3	17.8	-43.13	-782.6	-298.0	391.7	368.5	23.20	16.884	
5,700.0	5,674.6	5,685.9	5,614.0	13.5	18.2	-43.05	-798.1	-304.1	399.8	376.2	23.61	16.935	
5,800.0	5,774.2	5,785.6	5,712.3	13.8	18.5	-42.97	-813.7	-310.3	407.9	383.9	24.02	16.984	
5,900.0	5,873.7	5,885.2	5,810.5	14.0	18.9	-42.90	-829.3	-316.5	416.0	391.6	24.43	17.031	
6,000.0	5,973.2	5,984.9	5,908.8	14.3	19.2	-42.82	-844.8	-322.6	424.1	399.3	24.83	17.077	
6,100.0	6,072.7	6,084.6	6,007.0	14.5	19.5	-42.76	-860.4	-328.8	432.2	407.0	25.24	17.121	
6,200.0	6,172.3	6,184.2	6,105.3	14.8	19.9	-42.69	-875.9	-335.0	440.3	414.7	25.65	17.164	
6,300.0	6,271.8	6,283.9	6,203.5	15.0	20.2	-42.63	-891.5	-341.2	448.4	422.3	26.06	17.206	
6,400.0	6,371.3	6,383.6	6,301.8	15.3	20.6	-42.57	-907.0	-347.3	456.5	430.0	26.47	17.246	
6,500.0	6,470.8	6,483.2	6,400.0	15.5	20.9	-42.51	-922.6	-353.5	464.6	437.7	26.88	17.285	
6,600.0	6,570.4	6,582.9	6,498.3	15.7	21.2	-42.45	-938.1	-359.7	472.7	445.4	27.29	17.323	
6,700.0	6,669.9	6,682.6	6,596.6	16.0	21.6	-42.40	-953.7	-365.8	480.8	453.1	27.70	17.360	
6,800.0	6,769.4	6,782.3	6,694.8	16.2	21.9	-42.34	-969.2	-372.0	488.9	460.8	28.11	17.395	
6,900.0	6,868.9	6,881.9	6,793.1	16.5	22.3	-42.29	-984.8	-378.2	497.0	468.5	28.52	17.430	
7,000.0	6,968.4	6,981.6	6,891.3	16.7	22.6	-42.24	-1,000.4	-384.3	505.1	476.2	28.93	17.464	
7,100.0	7,068.0	7,081.3	6,989.6	17.0	22.9	-42.19	-1,015.9	-390.5	513.2	483.9	29.33	17.496	
7,200.0	7,167.5	7,189.9	7,096.8	17.2	23.3	-42.17	-1,032.4	-397.1	521.0	491.2	29.76	17.504	
7,300.0	7,267.0	7,309.7	7,215.6	17.4	23.6	-42.33	-1,046.7	-402.7	525.4	495.2	30.24	17.376	
7,400.0	7,366.6	7,429.7	7,335.1	17.7	23.8	-42.68	-1,056.4	-406.6	526.5	495.8	30.73	17.133	
7,500.0	7,466.4	7,549.6	7,454.9	17.9	24.0	-42.97	-1,061.4	-408.6	526.0	494.9	31.14	16.891	
7,600.0	7,566.3	7,660.7	7,565.9	18.0	24.1	-43.14	-1,062.2	-408.9	524.7	493.2	31.47	16.672	
7,638.8	7,605.1	7,699.1	7,604.3	18.1	24.1	-46.64	-1,062.2	-409.0	524.5	492.9	31.59	16.605	
7,700.0	7,666.3	7,759.7	7,664.9	18.1	24.2	-63.65	-1,062.4	-409.2	524.7	493.0	31.76	16.522	
7,800.0	7,766.3	7,858.6	7,763.9	18.3	24.3	-63.62	-1,062.8	-410.0	524.8	492.8	32.06	16.369	
7,900.0	7,866.3	7,957.6	7,862.9	18.4	24.4	-63.59	-1,063.4	-411.0	525.0	492.6	32.38	16.215	
8,000.0	7,966.3	8,057.5	7,962.7	18.6	24.5	-63.57	-1,064.2	-412.4	525.0	492.3	32.70	16.057	
8,100.0	8,066.3	8,157.5	8,062.7	18.7	24.7	-63.57	-1,065.0	-413.7	525.0	492.0	33.02	15.899	
8,200.0	8,166.3	8,257.5	8,162.7	18.9	24.8	-63.57	-1,065.7	-415.1	525.0	491.7	33.35	15.744	
8,300.0	8,266.3	8,357.5	8,262.7	19.0	24.9	-63.57	-1,066.5	-416.4	525.0	491.4	33.67	15.592	
8,400.0	8,366.3	8,457.5	8,362.6	19.2	25.0	-63.57	-1,067.3	-417.8	525.0	491.0	34.00	15.443	
8,500.0	8,466.3	8,557.5	8,462.6	19.3	25.1	-63.57	-1,068.1	-419.1	525.0	490.7	34.33	15.296	
8,600.0	8,566.3	8,657.5	8,562.6	19.5	25.3	-63.57	-1,068.9	-420.5	525.0	490.4	34.65	15.152	
8,700.0	8,666.2	8,757.5	8,662.6	19.6	25.4	-63.57	-1,069.6	-421.8	525.0	490.1	34.98	15.010	
8,800.0	8,766.2	8,857.5	8,762.6	19.8	25.5	-63.57	-1,070.4	-423.1	525.0	489.7	35.31	14.870	
8,900.0	8,866.2	8,957.5	8,862.6	19.9	25.6	-63.57	-1,071.2	-424.5	525.0	489.4	35.64	14.733	
9,000.0	8,966.2	9,057.5	8,962.6	20.1	25.8	-63.57	-1,072.0	-425.8	525.0	489.1	35.96	14.598	
9,100.0	9,066.2	9,157.5	9,062.6	20.2	25.9	-63.57	-1,072.7	-427.2	525.0	488.7	36.29	14.466	
9,200.0	9,166.2	9,257.5	9,162.6	20.4	26.0	-63.58	-1,073.5	-428.5	525.0	488.4	36.62	14.336	
9,300.0	9,266.2	9,357.5	9,262.5	20.5	26.1	-63.58	-1,074.3	-429.9	525.0	488.1	36.95	14.208	
9,400.0	9,366.2	9,457.5	9,362.5	20.7	26.3	-63.58	-1,075.1	-431.2	525.0	487.7	37.28	14.082	
9,500.0	9,466.1	9,557.5	9,462.5	20.8	26.4	-63.58	-1,075.9	-432.6	525.0	487.4	37.61	13.958	
9,600.0	9,566.1	9,657.5	9,562.5	21.0	26.5	-63.58	-1,076.6	-433.9	525.0	487.1	37.95	13.836	
9,700.0	9,666.1	9,757.5	9,662.5	21.1	26.6	-63.58	-1,077.4	-435.3	525.0	486.7	38.28	13.716	
9,800.0	9,766.1	9,857.5	9,762.5	21.3	26.8	-63.58	-1,078.2	-436.6	525.0	486.4	38.61	13.598	
9,900.0	9,866.1	9,957.5	9,862.5	21.4	26.9	-63.58	-1,079.0	-438.0	525.0	486.1	38.94	13.482	
10,000.0	9,966.1	10,057.5	9,962.5	21.6	27.0	-63.58	-1,079.7	-439.3	525.0	485.7	39.28	13.368	
10,100.0	10,066.1	10,157.5	10,062.4	21.8	27.2	-63.58	-1,080.5	-440.6	525.0	485.4	39.61	13.255	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-24D - 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
10,200.0	10,166.1	10,257.5	10,162.4	21.9	27.3	-63.58	-1,081.3	-442.0	525.0	485.1	39.94	13.144	
10,300.0	10,266.0	10,357.5	10,262.4	22.1	27.4	-63.58	-1,082.1	-443.3	525.0	484.7	40.28	13.035	
10,305.0	10,271.1	10,362.5	10,267.4	22.1	27.4	-63.58	-1,082.1	-443.4	525.0	484.7	40.29	13.030	
10,378.0	10,344.0	10,369.0	10,274.0	22.2	27.4	-63.58	-1,082.2	-443.5	529.2	488.8	40.42	13.091	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-27D - 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	-106.81	-13.1	-43.4	45.4				
100.0	100.0	100.0	100.0	0.1	0.1	-106.81	-13.1	-43.4	45.4	45.1	0.29	158.451	
200.0	200.0	200.0	200.0	0.3	0.3	-106.81	-13.1	-43.4	45.4	44.7	0.64	71.390	
300.0	300.0	300.0	300.0	0.5	0.5	35.05	-13.1	-43.4	43.9	42.9	0.99	44.568	
400.0	399.8	399.8	399.8	0.7	0.7	39.43	-13.1	-43.4	39.7	38.4	1.34	29.611	
500.0	499.5	499.5	499.5	0.9	0.8	48.92	-13.1	-43.4	33.5	31.8	1.72	19.471	
600.0	599.0	599.0	599.0	1.1	1.0	64.06	-13.1	-43.4	28.1	25.9	2.13	13.155	
700.0	698.5	698.5	698.5	1.4	1.2	84.22	-13.1	-43.4	25.3	22.8	2.56	9.882	
726.3	724.7	724.7	724.7	1.4	1.2	90.00	-13.1	-43.4	25.2	22.5	2.67	9.427	CC, ES
800.0	798.0	798.0	798.0	1.6	1.4	105.85	-13.1	-43.4	26.2	23.3	2.96	8.857	SF
900.0	897.6	897.6	897.6	1.9	1.5	123.79	-13.1	-43.4	30.4	27.1	3.30	9.212	
1,000.0	997.1	997.1	997.1	2.1	1.7	136.52	-13.1	-43.4	36.7	33.1	3.61	10.171	
1,100.0	1,096.6	1,096.3	1,096.2	2.3	1.9	143.15	-12.7	-45.0	44.7	40.7	3.94	11.340	
1,200.0	1,196.1	1,195.5	1,195.3	2.6	2.1	144.12	-11.2	-49.8	53.7	49.4	4.31	12.458	
1,300.0	1,295.6	1,294.7	1,294.2	2.8	2.3	142.06	-8.9	-57.6	63.5	58.8	4.72	13.449	
1,400.0	1,395.2	1,394.2	1,393.3	3.1	2.4	140.16	-6.5	-65.9	73.5	68.3	5.14	14.294	
1,500.0	1,494.7	1,493.7	1,492.4	3.3	2.7	138.71	-4.0	-74.3	83.5	77.9	5.56	15.015	
1,600.0	1,594.2	1,593.1	1,591.5	3.5	2.9	137.57	-1.5	-82.6	93.6	87.6	5.99	15.635	
1,700.0	1,693.7	1,692.6	1,690.6	3.8	3.1	136.66	0.9	-90.9	103.7	97.3	6.41	16.172	
1,800.0	1,793.3	1,792.1	1,789.7	4.0	3.3	135.90	3.4	-99.2	113.8	107.0	6.84	16.641	
1,900.0	1,892.8	1,891.6	1,888.8	4.3	3.5	135.27	5.9	-107.6	124.0	116.7	7.27	17.055	
2,000.0	1,992.3	1,991.0	1,987.9	4.5	3.7	134.74	8.3	-115.9	134.1	126.4	7.70	17.421	
2,100.0	2,091.8	2,090.5	2,087.0	4.8	3.9	134.28	10.8	-124.2	144.3	136.2	8.13	17.748	
2,200.0	2,191.3	2,190.0	2,186.1	5.0	4.2	133.88	13.2	-132.5	154.5	145.9	8.56	18.041	
2,300.0	2,290.9	2,289.5	2,285.2	5.3	4.4	133.53	15.7	-140.9	164.7	155.7	9.00	18.306	
2,400.0	2,390.4	2,388.9	2,384.3	5.5	4.6	133.22	18.2	-149.2	174.9	165.4	9.43	18.546	
2,500.0	2,489.9	2,488.4	2,483.4	5.7	4.8	132.95	20.6	-157.5	185.1	175.2	9.86	18.764	
2,600.0	2,589.4	2,587.9	2,582.5	6.0	5.0	132.70	23.1	-165.8	195.3	185.0	10.30	18.964	
2,700.0	2,689.0	2,687.4	2,681.6	6.2	5.3	132.48	25.5	-174.1	205.5	194.7	10.73	19.147	
2,800.0	2,788.5	2,786.8	2,780.7	6.5	5.5	132.28	28.0	-182.5	215.7	204.5	11.17	19.315	
2,900.0	2,888.0	2,886.3	2,879.8	6.7	5.7	132.10	30.5	-190.8	225.9	214.3	11.60	19.471	
3,000.0	2,987.5	2,985.8	2,978.9	7.0	5.9	131.93	32.9	-199.1	236.1	224.0	12.04	19.615	
3,100.0	3,087.1	3,085.3	3,077.9	7.2	6.2	131.78	35.4	-207.4	246.3	233.8	12.47	19.749	
3,200.0	3,186.6	3,184.7	3,177.0	7.4	6.4	131.63	37.9	-215.8	256.5	243.6	12.91	19.874	
3,300.0	3,286.1	3,284.2	3,276.1	7.7	6.6	131.50	40.3	-224.1	266.7	253.4	13.34	19.990	
3,400.0	3,385.6	3,383.7	3,375.2	7.9	6.8	131.38	42.8	-232.4	276.9	263.1	13.78	20.099	
3,500.0	3,485.1	3,483.2	3,474.3	8.2	7.1	131.27	45.2	-240.7	287.1	272.9	14.21	20.201	
3,600.0	3,584.7	3,582.6	3,573.4	8.4	7.3	131.17	47.7	-249.1	297.4	282.7	14.65	20.297	
3,700.0	3,684.2	3,682.1	3,672.5	8.7	7.5	131.07	50.2	-257.4	307.6	292.5	15.09	20.387	
3,800.0	3,783.7	3,781.6	3,771.6	8.9	7.8	130.98	52.6	-265.7	317.8	302.3	15.52	20.472	
3,900.0	3,883.2	3,881.1	3,870.7	9.2	8.0	130.89	55.1	-274.0	328.0	312.1	15.96	20.553	
4,000.0	3,982.8	3,980.5	3,969.8	9.4	8.2	130.81	57.5	-282.4	338.2	321.8	16.40	20.629	
4,100.0	4,082.3	4,080.0	4,068.9	9.6	8.4	130.74	60.0	-290.7	348.5	331.6	16.83	20.701	
4,200.0	4,181.8	4,179.5	4,168.0	9.9	8.7	130.67	62.5	-299.0	358.7	341.4	17.27	20.769	
4,300.0	4,281.3	4,279.0	4,267.1	10.1	8.9	130.60	64.9	-307.3	368.9	351.2	17.71	20.834	
4,400.0	4,380.9	4,378.4	4,366.2	10.4	9.1	130.54	67.4	-315.7	379.1	361.0	18.14	20.896	
4,500.0	4,480.4	4,477.9	4,465.3	10.6	9.4	130.48	69.9	-324.0	389.3	370.8	18.58	20.954	
4,600.0	4,579.9	4,577.4	4,564.4	10.9	9.6	130.42	72.3	-332.3	399.6	380.5	19.02	21.010	
4,700.0	4,679.4	4,676.9	4,663.5	11.1	9.8	130.37	74.8	-340.6	409.8	390.3	19.45	21.064	
4,800.0	4,778.9	4,776.3	4,762.6	11.3	10.0	130.31	77.2	-348.9	420.0	400.1	19.89	21.115	
4,900.0	4,878.5	4,875.8	4,861.7	11.6	10.3	130.26	79.7	-357.3	430.2	409.9	20.33	21.164	
5,000.0	4,978.0	4,975.3	4,960.8	11.8	10.5	130.22	82.2	-365.6	440.5	419.7	20.77	21.210	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-27D - 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
5,100.0	5,077.5	5,074.8	5,059.9	12.1	10.7	130.17	84.6	-373.9	450.7	429.5	21.20	21.255	
5,200.0	5,177.0	5,174.2	5,159.0	12.3	11.0	130.13	87.1	-382.2	460.9	439.3	21.64	21.298	
5,300.0	5,276.6	5,273.7	5,258.1	12.6	11.2	130.09	89.5	-390.6	471.1	449.1	22.08	21.339	
5,400.0	5,376.1	5,373.2	5,357.2	12.8	11.4	130.05	92.0	-398.9	481.4	458.8	22.52	21.379	
5,500.0	5,475.6	5,472.7	5,456.3	13.1	11.6	130.01	94.5	-407.2	491.6	468.6	22.95	21.417	
5,600.0	5,575.1	5,572.1	5,555.3	13.3	11.9	129.98	96.9	-415.5	501.8	478.4	23.39	21.454	
5,700.0	5,674.6	5,671.6	5,654.4	13.5	12.1	129.94	99.4	-423.9	512.0	488.2	23.83	21.489	
5,800.0	5,774.2	5,771.1	5,753.5	13.8	12.3	129.91	101.9	-432.2	522.3	498.0	24.27	21.523	
5,900.0	5,873.7	5,870.6	5,852.6	14.0	12.6	129.88	104.3	-440.5	532.5	507.8	24.70	21.555	
6,000.0	5,973.2	5,970.1	5,951.7	14.3	12.8	129.85	106.8	-448.8	542.7	517.6	25.14	21.587	
6,100.0	6,072.7	6,069.5	6,050.8	14.5	13.0	129.82	109.2	-457.2	552.9	527.4	25.58	21.618	
6,200.0	6,172.3	6,169.0	6,149.9	14.8	13.3	129.79	111.7	-465.5	563.2	537.2	26.02	21.647	
6,300.0	6,271.8	6,268.5	6,249.0	15.0	13.5	129.76	114.2	-473.8	573.4	546.9	26.45	21.676	
6,400.0	6,371.3	6,378.0	6,358.2	15.3	13.7	129.91	116.3	-481.0	582.8	555.9	26.87	21.685	
6,500.0	6,470.8	6,487.7	6,467.9	15.5	13.9	130.42	117.2	-484.2	590.5	563.2	27.25	21.669	
6,600.0	6,570.4	6,590.8	6,571.0	15.7	14.0	131.13	117.2	-484.5	596.9	569.3	27.59	21.631	
6,700.0	6,669.9	6,691.3	6,671.5	16.0	14.2	131.79	117.0	-484.9	603.2	575.2	27.94	21.589	
6,800.0	6,769.4	6,791.5	6,771.8	16.2	14.3	132.39	116.5	-485.7	609.4	581.1	28.29	21.544	
6,900.0	6,868.9	6,891.2	6,871.4	16.5	14.5	132.97	116.0	-486.6	615.6	587.0	28.63	21.502	
7,000.0	6,968.4	6,990.8	6,971.0	16.7	14.6	133.54	115.5	-487.5	621.9	592.9	28.97	21.464	
7,100.0	7,068.0	7,090.4	7,070.6	17.0	14.8	134.10	114.9	-488.4	628.3	599.0	29.32	21.430	
7,200.0	7,167.5	7,190.0	7,170.2	17.2	14.9	134.65	114.4	-489.3	634.7	605.0	29.66	21.400	
7,300.0	7,267.0	7,289.6	7,269.8	17.4	15.1	135.18	113.9	-490.2	641.2	611.2	30.00	21.373	
7,400.0	7,366.6	7,389.3	7,369.4	17.7	15.2	135.72	113.4	-491.1	647.4	617.0	30.34	21.334	
7,500.0	7,466.4	7,489.1	7,469.3	17.9	15.4	136.07	112.9	-492.0	651.4	620.7	30.67	21.237	
7,600.0	7,566.3	7,589.1	7,569.3	18.0	15.5	136.18	112.4	-492.9	652.9	621.9	30.98	21.075	
7,700.0	7,666.3	7,689.1	7,669.3	18.1	15.7	115.59	111.9	-493.8	652.6	621.3	31.29	20.856	
7,800.0	7,766.3	7,789.1	7,769.2	18.3	15.9	115.55	111.3	-494.7	652.4	620.8	31.61	20.640	
7,864.3	7,830.6	7,853.4	7,833.5	18.4	16.0	115.54	111.0	-495.2	652.3	620.5	31.81	20.506	
7,900.0	7,866.3	7,889.1	7,869.2	18.4	16.0	115.55	110.8	-495.6	652.3	620.4	31.93	20.433	
8,000.0	7,966.3	7,989.1	7,969.2	18.6	16.2	115.57	110.3	-496.5	652.5	620.3	32.25	20.235	
8,100.0	8,066.3	8,089.1	8,069.2	18.7	16.3	115.62	109.8	-497.4	652.7	620.2	32.57	20.043	
8,200.0	8,166.3	8,189.1	8,169.2	18.9	16.5	115.66	109.3	-498.3	653.0	620.1	32.89	19.854	
8,300.0	8,266.3	8,289.1	8,269.2	19.0	16.6	115.70	108.8	-499.1	653.2	620.0	33.21	19.669	
8,400.0	8,366.3	8,389.1	8,369.2	19.2	16.8	115.74	108.2	-500.0	653.4	619.9	33.53	19.487	
8,500.0	8,466.3	8,489.1	8,469.2	19.3	17.0	115.78	107.7	-500.9	653.6	619.8	33.85	19.308	
8,600.0	8,566.3	8,589.1	8,569.2	19.5	17.1	115.82	107.2	-501.8	653.9	619.7	34.18	19.132	
8,700.0	8,666.2	8,689.1	8,669.2	19.6	17.3	115.86	106.7	-502.7	654.1	619.6	34.50	18.960	
8,800.0	8,766.2	8,789.1	8,769.2	19.8	17.4	115.90	106.2	-503.6	654.3	619.5	34.82	18.790	
8,900.0	8,866.2	8,889.1	8,869.2	19.9	17.6	115.95	105.6	-504.5	654.6	619.4	35.15	18.623	
9,000.0	8,966.2	8,989.1	8,969.2	20.1	17.7	115.99	105.1	-505.4	654.8	619.3	35.47	18.459	
9,100.0	9,066.2	9,089.1	9,069.2	20.2	17.9	116.03	104.6	-506.3	655.0	619.2	35.80	18.297	
9,200.0	9,166.2	9,189.1	9,169.2	20.4	18.1	116.07	104.1	-507.2	655.2	619.1	36.12	18.139	
9,300.0	9,266.2	9,289.1	9,269.1	20.5	18.2	116.11	103.6	-508.1	655.5	619.0	36.45	17.982	
9,400.0	9,366.2	9,389.1	9,369.1	20.7	18.4	116.15	103.1	-509.0	655.7	618.9	36.78	17.829	
9,500.0	9,466.1	9,489.1	9,469.1	20.8	18.6	116.19	102.5	-509.9	655.9	618.8	37.11	17.678	
9,600.0	9,566.1	9,589.1	9,569.1	21.0	18.7	116.23	102.0	-510.8	656.2	618.7	37.43	17.529	
9,700.0	9,666.1	9,689.1	9,669.1	21.1	18.9	116.27	101.5	-511.7	656.4	618.6	37.76	17.383	
9,800.0	9,766.1	9,789.1	9,769.1	21.3	19.0	116.31	101.0	-512.6	656.6	618.5	38.09	17.239	
9,900.0	9,866.1	9,889.1	9,869.1	21.4	19.2	116.36	100.5	-513.5	656.9	618.4	38.42	17.098	
10,000.0	9,966.1	9,989.1	9,969.1	21.6	19.4	116.40	100.0	-514.4	657.1	618.4	38.75	16.959	
10,100.0	10,066.1	10,089.1	10,069.1	21.8	19.5	116.44	99.4	-515.3	657.3	618.3	39.08	16.822	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-27D - 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
10,200.0	10,166.1	10,189.1	10,169.1	21.9	19.7	116.48	98.9	-516.2	657.6	618.2	39.41	16.687	
10,300.0	10,266.0	10,289.1	10,269.1	22.1	19.9	116.52	98.4	-517.1	657.8	618.1	39.74	16.554	
10,378.0	10,344.0	10,367.0	10,347.0	22.2	20.0	116.55	98.0	-517.8	658.0	618.0	39.99	16.452	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-28D - DD - Plan #4

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	-106.75	-8.7	-29.0	30.3				
100.0	100.0	100.0	100.0	0.1	0.2	-106.75	-8.7	-29.0	30.3	30.0	0.29	103.426	
200.0	200.0	200.0	200.0	0.3	0.3	-106.75	-8.7	-29.0	30.3	29.7	0.64	47.216	
300.0	300.0	299.9	299.8	0.5	0.5	32.34	-10.5	-28.7	29.1	28.1	1.00	29.221	
400.0	399.8	399.6	399.4	0.7	0.7	27.05	-15.6	-27.8	25.5	24.2	1.37	18.682	
500.0	499.5	498.9	498.6	0.9	0.9	22.68	-21.7	-28.2	20.7	19.0	1.73	11.970	
600.0	599.0	598.4	597.9	1.1	1.1	26.51	-26.6	-31.8	17.1	15.0	2.10	8.175	
669.7	668.3	667.7	667.0	1.3	1.2	35.18	-29.1	-36.1	16.3	13.9	2.38	6.844	CC, ES
700.0	698.5	698.0	697.2	1.4	1.3	40.15	-30.1	-38.4	16.4	13.9	2.52	6.536	
800.0	798.0	797.9	796.7	1.6	1.5	55.48	-33.1	-46.2	17.9	14.9	2.99	5.972	
900.0	897.6	897.8	896.2	1.9	1.7	67.83	-36.1	-54.1	20.3	16.9	3.48	5.841	SF
1,000.0	997.1	997.6	995.8	2.1	1.9	77.17	-39.1	-61.9	23.5	19.6	3.97	5.932	
1,100.0	1,096.6	1,097.5	1,095.3	2.3	2.1	84.13	-42.2	-69.7	27.2	22.8	4.44	6.121	
1,200.0	1,196.1	1,197.4	1,194.8	2.6	2.4	89.39	-45.2	-77.5	31.2	26.3	4.91	6.344	
1,300.0	1,295.6	1,297.3	1,294.4	2.8	2.6	93.43	-48.2	-85.3	35.4	30.0	5.38	6.573	
1,400.0	1,395.2	1,397.2	1,393.9	3.1	2.8	96.61	-51.3	-93.1	39.7	33.8	5.84	6.792	
1,500.0	1,494.7	1,497.1	1,493.4	3.3	3.0	99.16	-54.3	-100.9	44.1	37.8	6.30	6.998	
1,600.0	1,594.2	1,597.0	1,593.0	3.5	3.2	101.24	-57.3	-108.7	48.6	41.8	6.76	7.187	
1,700.0	1,693.7	1,696.8	1,692.5	3.8	3.5	102.96	-60.3	-116.5	53.1	45.9	7.21	7.361	
1,800.0	1,793.3	1,796.7	1,792.0	4.0	3.7	104.42	-63.4	-124.4	57.7	50.0	7.67	7.520	
1,900.0	1,892.8	1,896.6	1,891.6	4.3	3.9	105.66	-66.4	-132.2	62.3	54.2	8.13	7.666	
2,000.0	1,992.3	1,996.5	1,991.1	4.5	4.1	106.72	-69.4	-140.0	66.9	58.3	8.58	7.799	
2,100.0	2,091.8	2,096.4	2,090.6	4.8	4.4	107.65	-72.5	-147.8	71.6	62.5	9.04	7.921	
2,200.0	2,191.3	2,196.3	2,190.2	5.0	4.6	108.47	-75.5	-155.6	76.3	66.8	9.49	8.033	
2,300.0	2,290.9	2,296.1	2,289.7	5.3	4.8	109.19	-78.5	-163.4	80.9	71.0	9.95	8.137	
2,400.0	2,390.4	2,396.0	2,389.2	5.5	5.0	109.83	-81.5	-171.2	85.6	75.2	10.40	8.232	
2,500.0	2,489.9	2,495.9	2,488.8	5.7	5.3	110.41	-84.6	-179.0	90.3	79.5	10.86	8.321	
2,600.0	2,589.4	2,595.8	2,588.3	6.0	5.5	110.93	-87.6	-186.8	95.1	83.7	11.31	8.403	
2,700.0	2,689.0	2,695.7	2,687.8	6.2	5.7	111.40	-90.6	-194.7	99.8	88.0	11.77	8.479	
2,800.0	2,788.5	2,795.6	2,787.4	6.5	6.0	111.82	-93.6	-202.5	104.5	92.3	12.22	8.550	
2,900.0	2,888.0	2,895.5	2,886.9	6.7	6.2	112.21	-96.7	-210.3	109.2	96.6	12.68	8.617	
3,000.0	2,987.5	2,995.3	2,986.4	7.0	6.4	112.57	-99.7	-218.1	114.0	100.8	13.13	8.679	
3,100.0	3,087.1	3,095.2	3,086.0	7.2	6.6	112.90	-102.7	-225.9	118.7	105.1	13.59	8.737	
3,200.0	3,186.6	3,195.1	3,185.5	7.4	6.9	113.20	-105.8	-233.7	123.5	109.4	14.04	8.792	
3,300.0	3,286.1	3,295.0	3,285.0	7.7	7.1	113.49	-108.8	-241.5	128.2	113.7	14.50	8.844	
3,400.0	3,385.6	3,394.9	3,384.6	7.9	7.3	113.75	-111.8	-249.3	133.0	118.0	14.95	8.892	
3,500.0	3,485.1	3,494.8	3,484.1	8.2	7.5	113.99	-114.8	-257.2	137.7	122.3	15.41	8.938	
3,600.0	3,584.7	3,594.7	3,583.6	8.4	7.8	114.22	-117.9	-265.0	142.5	126.6	15.86	8.982	
3,700.0	3,684.2	3,694.5	3,683.2	8.7	8.0	114.43	-120.9	-272.8	147.2	130.9	16.32	9.023	
3,800.0	3,783.7	3,794.4	3,782.7	8.9	8.2	114.63	-123.9	-280.6	152.0	135.2	16.77	9.062	
3,900.0	3,883.2	3,894.3	3,882.2	9.2	8.5	114.82	-127.0	-288.4	156.8	139.5	17.23	9.099	
4,000.0	3,982.8	3,994.2	3,981.8	9.4	8.7	114.99	-130.0	-296.2	161.5	143.8	17.68	9.134	
4,100.0	4,082.3	4,094.1	4,081.3	9.6	8.9	115.16	-133.0	-304.0	166.3	148.2	18.14	9.167	
4,200.0	4,181.8	4,194.0	4,180.8	9.9	9.1	115.31	-136.0	-311.8	171.1	152.5	18.59	9.199	
4,300.0	4,281.3	4,293.9	4,280.4	10.1	9.4	115.46	-139.1	-319.6	175.8	156.8	19.05	9.230	
4,400.0	4,380.9	4,393.7	4,379.9	10.4	9.6	115.60	-142.1	-327.5	180.6	161.1	19.51	9.259	
4,500.0	4,480.4	4,493.6	4,479.4	10.6	9.8	115.74	-145.1	-335.3	185.4	165.4	19.96	9.287	
4,600.0	4,579.9	4,593.5	4,579.0	10.9	10.0	115.86	-148.2	-343.1	190.1	169.7	20.42	9.313	
4,700.0	4,679.4	4,693.4	4,678.5	11.1	10.3	115.98	-151.2	-350.9	194.9	174.0	20.87	9.339	
4,800.0	4,778.9	4,793.3	4,778.0	11.3	10.5	116.10	-154.2	-358.7	199.7	178.4	21.33	9.363	
4,900.0	4,878.5	4,893.2	4,877.6	11.6	10.7	116.21	-157.2	-366.5	204.4	182.7	21.78	9.386	
5,000.0	4,978.0	4,993.1	4,977.1	11.8	11.0	116.31	-160.3	-374.3	209.2	187.0	22.24	9.409	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-28D - DD - Plan #4

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	5,077.5	5,092.9	5,076.6	12.1	11.2	116.41	-163.3	-382.1	214.0	191.3	22.69	9.431	
5,200.0	5,177.0	5,192.8	5,176.2	12.3	11.4	116.50	-166.3	-389.9	218.8	195.6	23.15	9.451	
5,300.0	5,276.6	5,292.7	5,275.7	12.6	11.6	116.60	-169.4	-397.8	223.5	199.9	23.60	9.471	
5,400.0	5,376.1	5,392.6	5,375.2	12.8	11.9	116.68	-172.4	-405.6	228.3	204.3	24.06	9.491	
5,500.0	5,475.6	5,492.5	5,474.8	13.1	12.1	116.77	-175.4	-413.4	233.1	208.6	24.51	9.509	
5,600.0	5,575.1	5,592.4	5,574.3	13.3	12.3	116.85	-178.4	-421.2	237.9	212.9	24.97	9.527	
5,700.0	5,674.6	5,692.2	5,673.8	13.5	12.5	116.92	-181.5	-429.0	242.7	217.2	25.42	9.544	
5,800.0	5,774.2	5,792.1	5,773.4	13.8	12.8	117.00	-184.5	-436.8	247.4	221.6	25.88	9.561	
5,900.0	5,873.7	5,892.0	5,872.9	14.0	13.0	117.07	-187.5	-444.6	252.2	225.9	26.33	9.577	
6,000.0	5,973.2	5,991.9	5,972.4	14.3	13.2	117.14	-190.6	-452.4	257.0	230.2	26.79	9.593	
6,100.0	6,072.7	6,091.8	6,072.0	14.5	13.5	117.20	-193.6	-460.2	261.8	234.5	27.25	9.608	
6,200.0	6,172.3	6,191.7	6,171.5	14.8	13.7	117.27	-196.6	-468.1	266.6	238.8	27.70	9.622	
6,300.0	6,271.8	6,291.6	6,271.1	15.0	13.9	117.33	-199.6	-475.8	271.3	243.2	28.16	9.637	
6,400.0	6,371.3	6,391.7	6,371.0	15.3	14.1	117.84	-201.9	-481.7	276.0	247.5	28.55	9.671	
6,500.0	6,470.8	6,491.6	6,470.8	15.5	14.2	119.04	-202.9	-484.3	280.8	251.9	28.86	9.730	
6,600.0	6,570.4	6,591.3	6,570.5	15.7	14.4	120.70	-203.0	-484.5	285.6	256.5	29.12	9.807	
6,700.0	6,669.9	6,691.1	6,670.3	16.0	14.5	122.25	-203.3	-484.9	290.6	261.2	29.39	9.888	
6,800.0	6,769.4	6,790.9	6,770.1	16.2	14.7	123.67	-203.7	-485.7	295.7	266.1	29.66	9.970	
6,900.0	6,868.9	6,890.5	6,869.7	16.5	14.8	125.02	-204.2	-486.6	301.0	271.1	29.93	10.057	
7,000.0	6,968.4	6,990.1	6,969.3	16.7	15.0	126.33	-204.7	-487.5	306.5	276.3	30.20	10.148	
7,100.0	7,068.0	7,089.7	7,068.9	17.0	15.1	127.59	-205.3	-488.4	312.1	281.6	30.46	10.244	
7,200.0	7,167.5	7,189.3	7,168.5	17.2	15.3	128.80	-205.8	-489.3	317.8	287.1	30.72	10.344	
7,300.0	7,267.0	7,288.9	7,268.1	17.4	15.4	129.97	-206.3	-490.2	323.7	292.7	30.98	10.446	
7,400.0	7,366.6	7,388.6	7,367.8	17.7	15.6	131.08	-206.8	-491.1	329.4	298.1	31.24	10.542	
7,500.0	7,466.4	7,488.4	7,467.6	17.9	15.8	131.78	-207.3	-492.0	333.1	301.6	31.51	10.572	
7,600.0	7,566.3	7,588.4	7,567.6	18.0	15.9	131.98	-207.8	-492.8	334.5	302.8	31.79	10.524	
7,700.0	7,666.3	7,688.4	7,667.6	18.1	16.1	111.33	-208.3	-493.7	334.3	302.2	32.10	10.414	
7,800.0	7,766.3	7,788.4	7,767.6	18.3	16.2	111.25	-208.8	-494.6	334.1	301.7	32.42	10.307	
7,862.1	7,828.4	7,850.5	7,829.7	18.4	16.3	111.23	-209.2	-495.2	334.1	301.5	32.61	10.244	
7,900.0	7,866.3	7,888.4	7,867.6	18.4	16.4	111.24	-209.4	-495.5	334.1	301.4	32.73	10.208	
8,000.0	7,966.3	7,988.4	7,967.6	18.6	16.5	111.30	-209.9	-496.4	334.2	301.2	33.04	10.115	
8,100.0	8,066.3	8,088.4	8,067.6	18.7	16.7	111.38	-210.4	-497.3	334.4	301.1	33.35	10.028	
8,200.0	8,166.3	8,188.4	8,167.6	18.9	16.8	111.47	-210.9	-498.2	334.6	301.0	33.66	9.941	
8,300.0	8,266.3	8,288.4	8,267.5	19.0	17.0	111.55	-211.4	-499.1	334.8	300.9	33.97	9.856	
8,400.0	8,366.3	8,388.4	8,367.5	19.2	17.2	111.64	-211.9	-500.0	335.0	300.7	34.28	9.772	
8,500.0	8,466.3	8,488.4	8,467.5	19.3	17.3	111.72	-212.4	-500.9	335.2	300.6	34.59	9.690	
8,600.0	8,566.3	8,588.4	8,567.5	19.5	17.5	111.80	-212.9	-501.7	335.4	300.5	34.91	9.609	
8,700.0	8,666.2	8,688.4	8,667.5	19.6	17.6	111.89	-213.5	-502.6	335.6	300.4	35.22	9.529	
8,800.0	8,766.2	8,788.4	8,767.5	19.8	17.8	111.97	-214.0	-503.5	335.8	300.3	35.53	9.450	
8,900.0	8,866.2	8,888.4	8,867.5	19.9	18.0	112.05	-214.5	-504.4	336.0	300.2	35.85	9.373	
9,000.0	8,966.2	8,988.4	8,967.5	20.1	18.1	112.14	-215.0	-505.3	336.2	300.0	36.16	9.297	
9,100.0	9,066.2	9,088.4	9,067.5	20.2	18.3	112.22	-215.5	-506.2	336.4	299.9	36.48	9.222	
9,200.0	9,166.2	9,188.4	9,167.5	20.4	18.4	112.30	-216.0	-507.1	336.6	299.8	36.80	9.148	
9,300.0	9,266.2	9,288.4	9,267.5	20.5	18.6	112.39	-216.5	-508.0	336.8	299.7	37.11	9.075	
9,400.0	9,366.2	9,388.4	9,367.5	20.7	18.8	112.47	-217.0	-508.9	337.0	299.6	37.43	9.004	
9,500.0	9,466.1	9,488.4	9,467.5	20.8	18.9	112.55	-217.6	-509.8	337.2	299.5	37.75	8.933	
9,600.0	9,566.1	9,588.4	9,567.5	21.0	19.1	112.64	-218.1	-510.6	337.4	299.4	38.07	8.864	
9,700.0	9,666.1	9,688.4	9,667.5	21.1	19.2	112.72	-218.6	-511.5	337.6	299.2	38.39	8.796	
9,800.0	9,766.1	9,788.4	9,767.4	21.3	19.4	112.80	-219.1	-512.4	337.8	299.1	38.71	8.728	
9,900.0	9,866.1	9,888.4	9,867.4	21.4	19.6	112.88	-219.6	-513.3	338.0	299.0	39.03	8.662	
10,000.0	9,966.1	9,988.4	9,967.4	21.6	19.7	112.97	-220.1	-514.2	338.3	298.9	39.35	8.597	
10,100.0	10,066.1	10,088.4	10,067.4	21.8	19.9	113.05	-220.6	-515.1	338.5	298.8	39.67	8.533	

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 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 Chevron D05 696 Pad - Chevron 5-28D - DD - Plan #4

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
10,200.0	10,166.1	10,188.4	10,167.4	21.9	20.1	113.13	-221.1	-516.0	338.7	298.7	39.99	8.469	
10,300.0	10,266.0	10,288.4	10,267.4	22.1	20.2	113.21	-221.7	-516.9	338.9	298.6	40.31	8.407	
10,378.0	10,344.0	10,366.4	10,345.4	22.2	20.3	113.28	-222.1	-517.6	339.0	298.5	40.56	8.359	

Company:	Berry Petroleum Company (NAD 83)	**Local Co-ordinate Reference:**	Well Chevron 5-26D
Project:	Garfield County	**TVD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Reference Site:	Chevron D05 696 Pad	**MD Reference:**	KBE @ 8160.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Chevron 5-26D	**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 @ 8160.0ft (Original Well Elev)
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000 °

Coordinates are relative to: Chevron 5-26D
Coordinate System is US State Plane 1983, Colorado Central Zone
Grid Convergence at Surface is: -1.66°