

**PROJECT DETAILS: Garfield County, CO**  
 Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Colorado Central Zone  
 System Datum: Mean Sea Level

**WELL DETAILS: CC Federal 0697-04-04E**  
 +N-S: 0.0    +E-W: 0.0    Northing: 1639443.57    Ground Level: 8609.0  
 Easting: 2233540.37    Latitude: 39.557571    Longitude: -108.218795

Project: Garfield County, CO  
 Site: CC 604-41-32 Pad  
 Well: CC Federal 0697-04-04E  
 Wellbore: Wellbore #1  
 Design: Design #3  
 Latitude: 39.557571  
 Longitude: -108.218795  
 Ground Level: 8609.0  
 Well @ 8639.0usft (RKB 30')



**REFERENCE INFORMATION**

Co-ordinate (N/E) Reference: Well CC Federal 0697-04-04E, True North  
 Vertical (TVD) Reference: Well @ 8639.0usft (RKB 30')  
 Section (VS) Reference: Slot - (0.0N, 0.0E)  
 Measured Depth Reference: Well @ 8639.0usft (RKB 30')  
 Calculation Method: Minimum Curvature

**DESIGN TARGET DETAILS**

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
PBHL - CC Federal 0697-04-04E	10098.0	1006.1	-374.7	1640489.40	2233195.94	39.560333	-108.229124

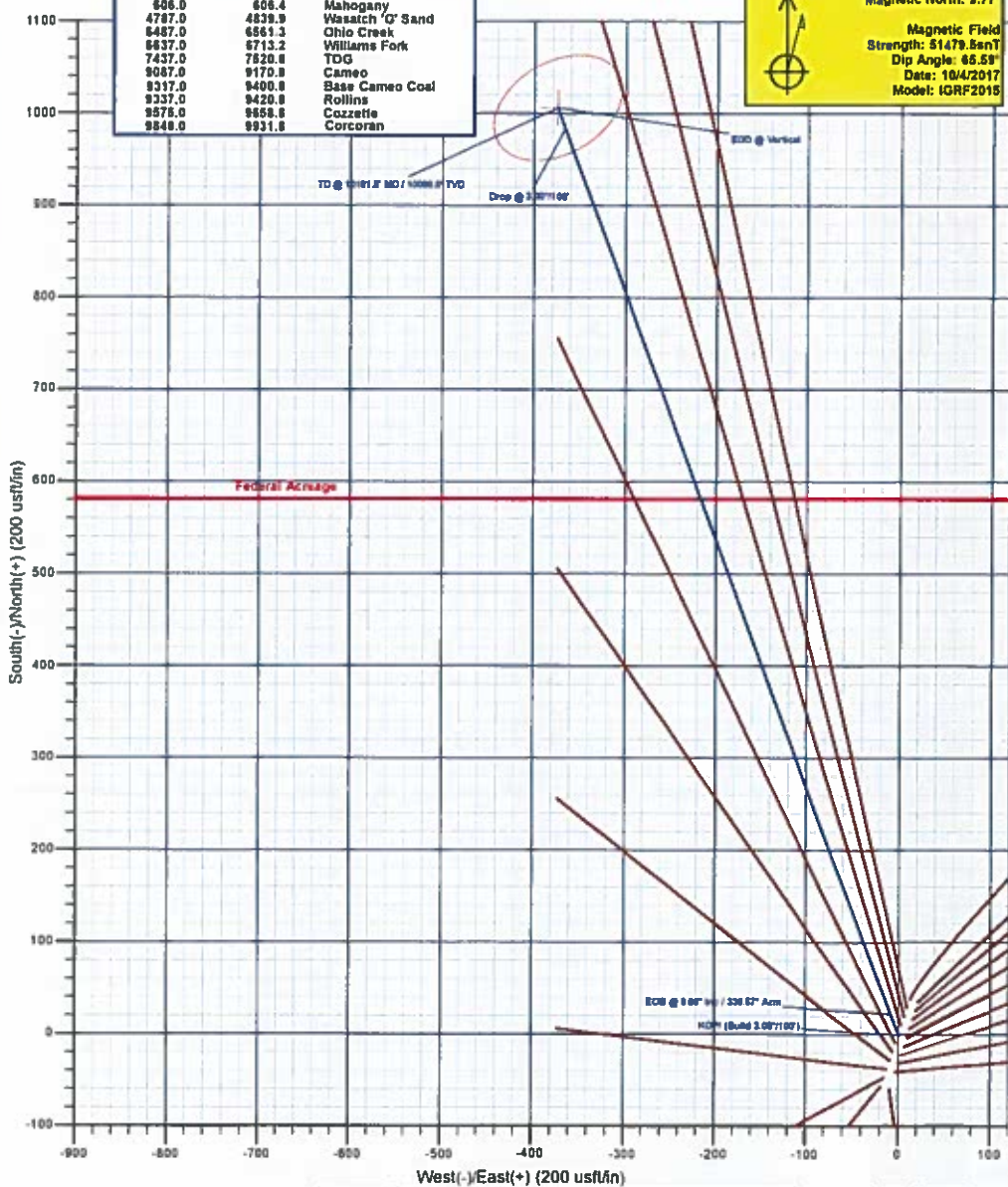
**SECTION DETAILS**

MD	Inc	Azi	TVD	+N-S	+E-W	Diag	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	KOP (Build 3.00°/100')
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	EDB @ 9.00° Inc / 339.57° Azim
701.9	9.06	339.57	700.7	22.3	-8.3	3.00	339.57	23.8	Drop @ 3.00°/100'
7218.9	9.06	339.57	7136.3	983.8	-366.4	0.00	0.00	1048.8	EDD @ Vertical
7520.8	0.00	0.00	7437.0	1006.1	-374.7	3.00	180.00	1073.6	TD @ 10181.8' MD / 10098.0' TVD
10181.8	0.00	0.00	10098.0	1006.1	-374.7	0.00	0.00	1073.6	

**FORMATION TOP DETAILS**

TVDPth	MDPath	Formation
856.0	856.4	Mahogany
4787.0	4839.9	Wasatch 'O' Sand
6487.0	6561.3	Ohio Creek
6637.0	6713.2	Williams Fork
7437.0	7820.8	TDG
9087.0	9170.8	Cameo
9337.0	9400.8	Base Cameo Coal
9337.0	9420.8	Rollins
9575.0	9658.8	Cozzette
9849.0	9931.8	Corcoran

**Azimuths to True North**  
 Magnetic North: 9.77°  
 Magnetic Field  
 Strength: 51479.8nT  
 Dip Angle: 65.59°  
 Date: 10/4/2015  
 Model: IGRF2015



Plan: Design #3 (CC Federal 0697-04-04E/Wellbore #1)

Created By: Will Jircik    Date: 15:54, February 04 2019



# **Laramie Energy, LLC**

**Garfield County, CO**

**CC 604-41-32 Pad**

**CC Federal 0697-04-04E**

**Wellbore #1**

**Plan: Design #3**

## **QES Well Planning Report**

**04 February, 2019**





# Well Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well CC Federal 0697-04-04E
<b>Company:</b>	Laramie Energy, LLC	<b>TVD Reference:</b>	Well @ 8639.0usft (RKB 30')
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	Well @ 8639.0usft (RKB 30')
<b>Site:</b>	CC 604-41-32 Pad	<b>North Reference:</b>	True
<b>Well:</b>	CC Federal 0697-04-04E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #3		

<b>Project</b>	Garfield County, CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Central Zone		

<b>Site</b>	CC 604-41-32 Pad				
<b>Site Position:</b>		<b>Northing:</b>	1,639,464.67 usft	<b>Latitude:</b>	39.557630
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,233,548.14 usft	<b>Longitude:</b>	-108.218770
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16"	<b>Grid Convergence:</b>	-1.71°

<b>Well</b>	CC Federal 0697-04-04E				
<b>Well Position</b>	+N/-S	-21.3 usft	<b>Northing:</b>	1,639,443.57 usft	<b>Latitude:</b> 39.557571
	+E/-W	-7.1 usft	<b>Easting:</b>	2,233,540.37 usft	<b>Longitude:</b> -108.218795
<b>Position Uncertainty</b>	0.0 usft		<b>Wellhead Elevation:</b>		<b>Ground Level:</b> 8,609.0 usft

<b>Wellbore</b>	Wellbore #1				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/4/2017	9.77	65.59	51,479.52715108

<b>Design</b>	Design #3				
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<b>Audit Notes:</b>					
<b>Version:</b>		<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	339.57	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
701.9	9.06	339.57	700.7	22.3	-8.3	3.00	3.00	0.00	339.57	
7,218.9	9.06	339.57	7,136.3	983.8	-368.4	0.00	0.00	0.00	0.00	
7,520.8	0.00	0.00	7,437.0	1,006.1	-374.7	3.00	-3.00	0.00	180.00	
10,181.8	0.00	0.00	10,098.0	1,006.1	-374.7	0.00	0.00	0.00	0.00	PBHL - CC Federal 04





# Well Planning Report



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Company:	Laramie Energy, LLC	TVD Reference:	Well @ 8639.0usft (RKB 30')
Project:	Garfield County, CO	MD Reference:	Well @ 8639.0usft (RKB 30')
Site:	CC 604-41-32 Pad	North Reference:	True
Well:	CC Federal 0697-04-04E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #3		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP/ (Build 3.00°/100')									
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	3.00	339.57	500.0	2.5	-0.9	2.6	3.00	3.00	0.00
600.0	6.00	339.57	599.6	9.8	-3.7	10.5	3.00	3.00	0.00
Mahogany									
606.4	6.19	339.57	606.0	10.4	-3.9	11.1	3.00	3.00	0.00
700.0	9.00	339.57	698.8	22.0	-8.2	23.5	3.00	3.00	0.00
EOB @ 9.06° Inc / 339.57° Azm									
701.9	9.06	339.57	700.7	22.3	-8.3	23.8	3.00	3.00	0.00
800.0	9.06	339.57	797.5	38.8	-13.7	39.3	0.00	0.00	0.00
900.0	9.06	339.57	896.3	51.5	-19.2	55.0	0.00	0.00	0.00
1,000.0	9.06	339.57	995.0	66.3	-24.7	70.7	0.00	0.00	0.00
1,100.0	9.06	339.57	1,093.8	81.0	-30.2	86.5	0.00	0.00	0.00
1,200.0	9.06	339.57	1,192.5	95.8	-35.7	102.2	0.00	0.00	0.00
1,300.0	9.06	339.57	1,291.3	110.6	-41.2	118.0	0.00	0.00	0.00
1,400.0	9.06	339.57	1,390.0	125.3	-46.7	133.7	0.00	0.00	0.00
1,500.0	9.06	339.57	1,488.8	140.1	-52.2	149.5	0.00	0.00	0.00
1,600.0	9.06	339.57	1,587.5	154.8	-57.7	165.2	0.00	0.00	0.00
1,700.0	9.06	339.57	1,686.3	169.6	-63.2	180.9	0.00	0.00	0.00
1,800.0	9.06	339.57	1,785.1	184.3	-68.6	196.7	0.00	0.00	0.00
1,900.0	9.06	339.57	1,883.8	199.1	-74.1	212.4	0.00	0.00	0.00
2,000.0	9.06	339.57	1,982.6	213.8	-79.6	228.2	0.00	0.00	0.00
2,100.0	9.06	339.57	2,081.3	228.6	-85.1	243.9	0.00	0.00	0.00
2,200.0	9.06	339.57	2,180.1	243.3	-90.6	259.7	0.00	0.00	0.00
2,300.0	9.06	339.57	2,278.8	258.1	-96.1	275.4	0.00	0.00	0.00
2,400.0	9.06	339.57	2,377.6	272.8	-101.6	291.1	0.00	0.00	0.00
2,500.0	9.06	339.57	2,476.3	287.6	-107.1	306.9	0.00	0.00	0.00
2,600.0	9.06	339.57	2,575.1	302.3	-112.6	322.6	0.00	0.00	0.00
2,700.0	9.06	339.57	2,673.8	317.1	-118.1	338.4	0.00	0.00	0.00
2,800.0	9.06	339.57	2,772.6	331.8	-123.6	354.1	0.00	0.00	0.00
2,900.0	9.06	339.57	2,871.3	346.6	-129.1	369.9	0.00	0.00	0.00
3,000.0	9.06	339.57	2,970.1	361.3	-134.6	385.6	0.00	0.00	0.00
3,100.0	9.06	339.57	3,068.8	376.1	-140.1	401.3	0.00	0.00	0.00
3,200.0	9.06	339.57	3,167.6	390.9	-145.6	417.1	0.00	0.00	0.00
3,300.0	9.06	339.57	3,266.3	405.6	-151.1	432.8	0.00	0.00	0.00
3,400.0	9.06	339.57	3,365.1	420.4	-156.6	448.6	0.00	0.00	0.00
3,500.0	9.06	339.57	3,463.9	435.1	-162.1	464.3	0.00	0.00	0.00
3,600.0	9.06	339.57	3,562.6	449.9	-167.5	480.1	0.00	0.00	0.00
3,700.0	9.06	339.57	3,661.4	464.6	-173.0	495.8	0.00	0.00	0.00
3,800.0	9.06	339.57	3,760.1	479.4	-178.5	511.5	0.00	0.00	0.00
3,900.0	9.06	339.57	3,858.9	494.1	-184.0	527.3	0.00	0.00	0.00
4,000.0	9.06	339.57	3,957.6	508.9	-189.5	543.0	0.00	0.00	0.00
4,100.0	9.06	339.57	4,056.4	523.6	-195.0	558.8	0.00	0.00	0.00
4,200.0	9.06	339.57	4,155.1	538.4	-200.5	574.5	0.00	0.00	0.00
4,300.0	9.06	339.57	4,253.9	553.1	-206.0	590.3	0.00	0.00	0.00
4,400.0	9.06	339.57	4,352.6	567.9	-211.5	606.0	0.00	0.00	0.00
4,500.0	9.06	339.57	4,451.4	582.6	-217.0	621.7	0.00	0.00	0.00
4,600.0	9.06	339.57	4,550.1	597.4	-222.5	637.5	0.00	0.00	0.00
4,700.0	9.06	339.57	4,648.9	612.1	-228.0	653.2	0.00	0.00	0.00



## Well Planning Report



Database:	EDM 5000 1 Single User Db	Local Co-ordinate Reference:	Well CC Federal 0897-04-04E
Company:	Laramie Energy, LLC	TVD Reference:	Well @ 8639 0usft (RKB 30')
Project:	Garfield County, CO	MD Reference:	Well @ 8639 0usft (RKB 30')
Site:	CC 604-41-32 Pad	North Reference:	True
Well:	CC Federal 0897-04-04E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #3		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,800.0	9.06	339.57	4,747.6	626.9	-233.5	669.0	0.00	0.00	0.00
<b>Wasatch 'G' Sand</b>									
4,839.9	9.06	339.57	4,787.0	632.8	-235.7	675.2	0.00	0.00	0.00
4,900.0	9.06	339.57	4,846.4	641.7	-239.0	684.7	0.00	0.00	0.00
5,000.0	9.06	339.57	4,945.1	656.4	-244.5	700.5	0.00	0.00	0.00
5,100.0	9.06	339.57	5,043.9	671.2	-250.0	716.2	0.00	0.00	0.00
5,200.0	9.06	339.57	5,142.7	685.9	-255.5	731.9	0.00	0.00	0.00
5,300.0	9.06	339.57	5,241.4	700.7	-261.0	747.7	0.00	0.00	0.00
5,400.0	9.06	339.57	5,340.2	715.4	-266.5	763.4	0.00	0.00	0.00
5,500.0	9.06	339.57	5,438.9	730.2	-271.9	779.2	0.00	0.00	0.00
5,600.0	9.06	339.57	5,537.7	744.9	-277.4	794.9	0.00	0.00	0.00
5,700.0	9.06	339.57	5,636.4	759.7	-282.9	810.7	0.00	0.00	0.00
5,800.0	9.06	339.57	5,735.2	774.4	-288.4	826.4	0.00	0.00	0.00
5,900.0	9.06	339.57	5,833.9	789.2	-293.9	842.1	0.00	0.00	0.00
6,000.0	9.06	339.57	5,932.7	803.9	-299.4	857.9	0.00	0.00	0.00
6,100.0	9.06	339.57	6,031.4	818.7	-304.9	873.6	0.00	0.00	0.00
6,200.0	9.06	339.57	6,130.2	833.4	-310.4	889.4	0.00	0.00	0.00
6,300.0	9.06	339.57	6,228.9	848.2	-315.9	905.1	0.00	0.00	0.00
6,400.0	9.06	339.57	6,327.7	862.9	-321.4	920.9	0.00	0.00	0.00
6,500.0	9.06	339.57	6,426.4	877.7	-326.9	936.6	0.00	0.00	0.00
<b>Ohio Creek</b>									
6,561.3	9.06	339.57	6,487.0	886.7	-330.3	946.3	0.00	0.00	0.00
6,600.0	9.06	339.57	6,525.2	892.5	-332.4	952.3	0.00	0.00	0.00
6,700.0	9.06	339.57	6,624.0	907.2	-337.9	968.1	0.00	0.00	0.00
<b>Williams Fork</b>									
6,713.2	9.06	339.57	6,637.0	909.2	-338.6	970.2	0.00	0.00	0.00
6,800.0	9.06	339.57	6,722.7	922.0	-343.4	983.8	0.00	0.00	0.00
6,900.0	9.06	339.57	6,821.5	936.7	-348.9	999.6	0.00	0.00	0.00
7,000.0	9.06	339.57	6,920.2	951.5	-354.4	1,015.3	0.00	0.00	0.00
7,100.0	9.06	339.57	7,019.0	966.2	-359.9	1,031.1	0.00	0.00	0.00
7,200.0	9.06	339.57	7,117.7	981.0	-365.4	1,046.8	0.00	0.00	0.00
<b>Drop @ 3.00°/100'</b>									
7,218.9	9.06	339.57	7,136.3	983.8	-366.4	1,049.8	0.00	0.00	0.00
7,300.0	6.62	339.57	7,216.7	994.1	-370.3	1,060.8	3.00	-3.00	0.00
7,400.0	3.62	339.57	7,316.3	1,002.5	-373.4	1,069.8	3.00	-3.00	0.00
7,500.0	0.62	339.57	7,416.2	1,006.0	-374.7	1,073.5	3.00	-3.00	0.00
<b>EOD @ Vertical - TOG</b>									
7,520.8	0.00	0.00	7,437.0	1,006.1	-374.7	1,073.6	3.00	-3.00	0.00
7,600.0	0.00	0.00	7,516.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,616.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,716.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,816.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,000.0	0.00	0.00	7,916.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,100.0	0.00	0.00	8,016.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,116.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,216.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,400.0	0.00	0.00	8,316.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,500.0	0.00	0.00	8,416.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,600.0	0.00	0.00	8,516.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,700.0	0.00	0.00	8,616.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,800.0	0.00	0.00	8,716.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
8,900.0	0.00	0.00	8,816.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,000.0	0.00	0.00	8,916.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,100.0	0.00	0.00	9,016.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00



## Well Planning Report



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<b>Well:</b>	CC Federal 0697-04-04E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #3		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
<b>Cameo</b>									
9,170.8	0.00	0.00	9,087.0	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,200.0	0.00	0.00	9,116.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,300.0	0.00	0.00	9,216.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,400.0	0.00	0.00	9,316.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
<b>Base Cameo Coal</b>									
9,400.8	0.00	0.00	9,317.0	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
<b>Rollins</b>									
9,420.8	0.00	0.00	9,337.0	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,500.0	0.00	0.00	9,416.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,600.0	0.00	0.00	9,516.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
<b>Cozzette</b>									
9,658.8	0.00	0.00	9,575.0	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,700.0	0.00	0.00	9,616.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,800.0	0.00	0.00	9,716.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
9,900.0	0.00	0.00	9,816.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
<b>Corcoran</b>									
9,931.8	0.00	0.00	9,848.0	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
10,000.0	0.00	0.00	9,916.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
10,100.0	0.00	0.00	10,016.2	1,006.1	-374.7	1,073.6	0.00	0.00	0.00
<b>TD @ 10181.8' MD / 10098.0' TVD</b>									
10,181.8	0.00	0.00	10,098.0	1,006.1	-374.7	1,073.6	0.00	0.00	0.00

## Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL - CC Federal 0697	0.00	0.00	10,098.0	1,006.1	-374.7	1,640,460.40	2,233,195.94	39.560333	-108.220124
- plan hits target center									
- Ellipse (radii L50.0 W75.0 on 150.00 azi)									

## Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
2,530.0	2,505.9	9 5/8"	9-5/8	14-3/4



## Well Planning Report



**Database:** EDM 5000.1 Single User Db  
**Company:** Laramie Energy, LLC  
**Project:** Garfield County, CO  
**Site:** CC 604-41-32 Pad  
**Well:** CC Federal 0697-04-04E  
**Wellbore:** Wellbore #1  
**Design:** Design #3

**Local Co-ordinate Reference:**

**TVD Reference:**

**MD Reference:**

**North Reference:**

**Survey Calculation Method:**

Well CC Federal 0697-04-04E

Well @ 8639.0usft (RKB 30')

Well @ 8639.0usft (RKB 30')

True

Minimum Curvature

### Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
606.4	606.0	Mahogany			
4,839.9	4,787.0	Wasatch 'G' Sand			
6,561.3	6,487.0	Ohio Creek			
6,713.2	6,637.0	Williams Fork			
7,520.8	7,437.0	TOG			
9,170.8	9,087.0	Cameo			
9,400.8	9,317.0	Base Cameo Coal			
9,420.8	9,337.0	Rollins			
9,658.8	9,575.0	Cozzette			
9,931.8	9,848.0	Corcoran			

### Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
400.0	400.0	0.0	0.0	KOP/ (Build 3.00"/100')
701.9	700.7	22.3	-8.3	EOB @ 9.06" Inc / 339.57° Azm
7,218.9	7,136.3	983.8	-366.4	Drop @ 3.00"/100'
7,520.8	7,437.0	1,006.1	-374.7	EOD @ Vertical
10,181.8	10,098.0	1,006.1	-374.7	TD @ 10181.8' MD / 10098.0' TVD