

CC Federal 0697-03-06W
Garfield County, CO
Q191308 & RM-191142
Design #4

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

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - CC Federal 0697-03-06W	10260.0	1159.2	2246.5	1640531.41	2235830.04	39.560744	-108.210793

WELL DETAILS: CC Federal 0697-03-06W						
+N/-S	+E/-W	Northing	Easting	8609.0	Latitude	Longitude
0.0	0.0	1639440.00	2233549.86		39.557562	-108.218761

DESIGN ANNOTATIONS										
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation		
400.0	2.25	68.00	400.0	0.6	1.4	1.5	1.5	KOP/ (Build 3.00"/100')		
1110.3	5.56	67.30	1107.8	23.0	56.8	61.0	61.5	EOB @ 21.31° Inc / 62.71° Azm		
7347.7	21.94	62.52	6885.5	1095.3	2123.8	2389.6	2389.6	Drop @ 3.00"/100'		
8058.0	0.63	62.52	7578.1	1159.1	2246.4	2527.8	2527.8	EOD @ Vertical		
10719.0	0.00	0.00	10239.1	1159.2	2246.5	2527.9	2528.2	TD @ 10719.0' MD / 10260.0' TVD		



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Azimuths to True North

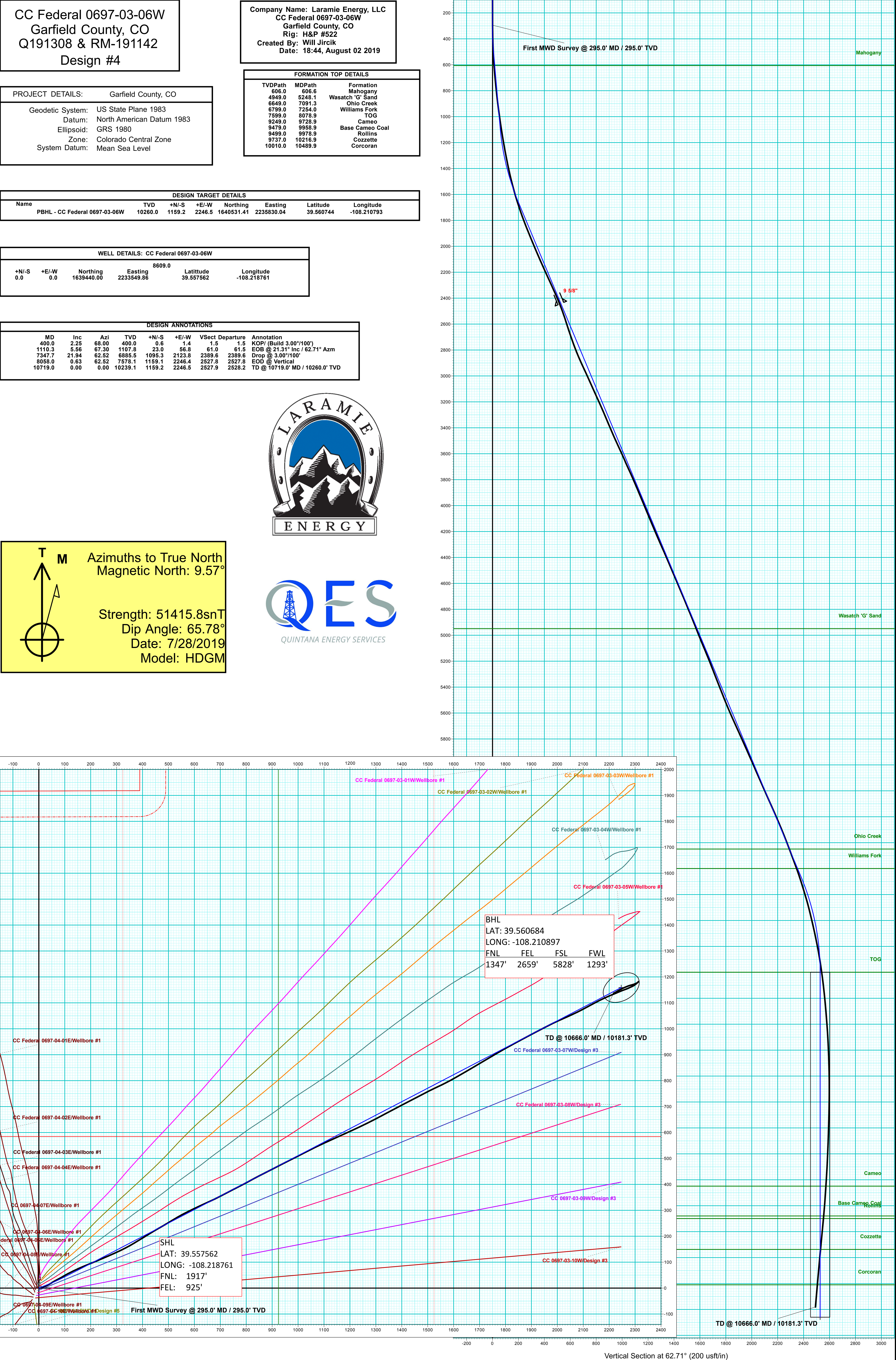
Magnetic North: 9.57°

Strength: 51415.8snT

Dip Angle: 65.78°

Date: 7/28/2019

Model: HDGM



BHL
LAT: 39.560684
LONG: -108.210897
FNL FEL FSL FWL
1347' 2659' 5828' 1293'

SHL
LAT: 39.557562
LONG: -108.218761
FNL: 1917'
FEL: 925'

Vertical Section at 62.71° (200 usf/in)