



Well Name: B&V 41A-13-07-96
Surface Location: B&V
North American Datum 1983, US State Plane 1983, Colorado Central Zone
Ground Elevation: 5084.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1598927.52 2280791.76 39° 27' 0.514 N 108° 2' 50.087 W
PAD Est KB B&V 41A-13-07-96 @ 5097.0usft (PAD Est KB)



Azimuths to True North
Magnetic North: 9.97°
Magnetic Field
Strength: 51909.3snT
Dip Angle: 65.61°
Date: 8/4/2014
Model: IGRF2010

B&V
B&V 41A-13-07-96
Design #1
16:01, August 05 2014

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
B&V 41A-13-07-96 TGT	3804.7	-2110.2	-1143.5	1596850.21	2279589.51	39° 26' 39.657 N	108° 3' 4.665 W	Rectangle (Sides: L40.0 W100.0)

ANNOTATIONS

TVD	MD	Annotation
400.0	400.0	Start Build 3.50
1362.3	1428.7	Start 3019.1 hold at 1428.7 MD
3804.7	4447.8	Start Drop -3.50
4767.0	5476.4	Back to Vertical
4767.0	5476.4	Start 1445.0 hold at 5476.4 MD
6212.0	6921.4	TD at 6921.4

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	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1428.7	36.00	208.45	1362.3	-274.9	-149.0	3.50	208.45	312.7	
4	4447.8	36.00	208.45	3804.7	-1835.3	-994.6	0.00	0.00	2087.4	
5	5476.4	0.00	0.00	4767.0	-2110.2	-1143.5	3.50	180.00	2400.1	
6	6921.4	0.00	0.00	6212.0	-2110.2	-1143.5	0.00	0.00	2400.1	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation	DipAngle	DipDir
2921.0	3355.4	Williams Fork	0.00	
3983.0	4658.9	Top of Gas	0.00	
5388.0	6097.4	Cameo	0.00	
5912.0	6621.4	Rollins	0.00	

