



Well Name: WAAG 5
Surface Location: WAAG NORTH
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 4902.0
WELL @ 4918.0ft (Xtreme 7 Rig)
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1450703.17 3219711.52 40° 34' 4.404 N 104° 42' 32.940 W WAAG 5

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.0	
3	1598.9	13.98	129.46	1592.0	-53.9	65.5	2.00	129.46	-55.3	
4	5979.7	13.98	129.46	5843.0	-726.5	882.4	0.00	0.00	-745.7	
5	6678.5	0.00	0.00	6535.0	-780.4	947.9	2.00	180.00	-801.0	
6	6708.5	0.00	0.00	6565.0	-780.4	947.9	0.00	0.00	-801.0	
7	7608.5	90.00	270.80	7138.0	-772.4	375.0	10.00	270.80	-237.9	
8	2090.3	90.00	270.79	7138.0	-710.1	-4106.3	0.00	0.00	4167.2	TD / PBHL WAAG NORTH 5



Azimuths to True North
Magnetic North: 8.43°
Magnetic Field
Strength: 52894.4snT
Dip Angle: 67.09°
Date: 8/1/2014
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LP WAAG NORTH 5	7138.0	-772.3	375.1	40° 33' 56.772 N	104° 42' 28.080 W	Point
TD / PBHL WAAG NORTH 5	7138.0	-710.1	-4106.3	40° 33' 57.384 N	104° 43' 26.148 W	Point

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3610.0	3678.5	PARKMAN
4337.0	4427.7	SUSSEX
4730.0	4832.7	SHANNON
7008.0	7214.9	NIOBRARA

