



Well Name: WAAG 7
Surface Location: WAAG MIDDLE
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 4886.0
WELL @ 4902.0ft (Xtreme 7)

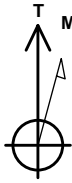
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1448417.17 3220340.41 40° 33' 41.760 N 104° 42' 25.056 W WAAG 7

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	1475.5	11.51	18.34	1471.7	54.7	18.1	2.00	18.34	-5.4	
4	6260.4	11.51	18.34	6160.3	961.0	318.6	0.00	0.00	-94.6	
5	6836.0	0.00	0.00	6732.0	1015.7	336.7	2.00	180.00	-100.0	
6	6866.0	0.00	0.00	6762.0	1015.7	336.7	0.00	0.00	-100.0	
7	7766.0	90.00	270.80	7335.0	1023.7	-236.2	10.00	270.80	460.1	
8	2242.3	90.00	270.80	7335.0	1086.1	-4712.1	0.00	0.00	4835.6	TD / PBHL WAAG MIDDLE 7

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LP WAAG MIDDLE 7	7335.0	1023.7	-236.2	40° 33' 51.876 N	104° 42' 28.116 W	Point
TD / PBHL WAAG MIDDLE 7	7335.0	1086.1	-4712.1	40° 33' 52.488 N	104° 43' 26.112 W	Point



Azimuths to True North
Magnetic North: 8.42°

Magnetic Field

Strength: 52889.1nT

Dip Angle: 67.08°

Date: 8/9/2014

Model: IGRF2010

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3610.0	3657.8	PARKMAN
4337.0	4399.7	SUSSEX
4730.0	4800.7	SHANNON
7008.0	7120.2	NIOBRARA
7148.0	7289.5	NIO B TARGET
7292.0	7542.7	FORT HAYS
7325.0	7659.0	CODELL

