



Well Name: WAAG 1
Surface Location: WAAG NORTH
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 4902.0
WELL @ 4918.0ft (Xtreme 7)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1450756.94	3219613.80	40° 34' 4.944 N	104° 42' 34.200 W	WAAG 1

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	1465.8	11.32	90.41	1462.2	-0.4	55.7	2.00	90.41	-55.7	
4	2666.9	11.32	90.41	6169.8	-7.1	997.8	0.00	0.00	-997.8	
5	6832.7	0.00	0.00	6732.0	-7.5	1053.5	2.00	180.00	-1053.5	
6	6862.7	0.00	0.00	6762.0	-7.5	1053.5	0.00	0.00	-1053.5	
7	7762.7	90.00	270.75	7335.0	0.0	480.6	10.00	270.75	-480.5	
8	2255.3	90.00	270.74	7335.0	58.6	-4011.7	0.00	0.00	4012.1	TD / PBHL WAAG NORTH 1



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 1	7335.0	0.0	480.6	40° 34' 4.944 N	104° 42' 27.972 W	Point
TD / PBHL WAAG NORTH 1	7335.0	58.6	-4011.7	40° 34' 5.520 N	104° 43' 26.184 W	Point

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3610.0	3656.3	PARKMAN
4337.0	4397.7	SUSSEX
4730.0	4798.5	SHANNON
7008.0	7116.9	NIOBRARA
7148.0	7286.2	NIO B TARGET
7292.0	7539.4	FORT HAYS
7325.0	7655.7	CODELL

