



Well Name: WAAG 3  
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	1450728.22	3219661.29	40° 34' 4.656 N	104° 42' 33.588 W	WAAG 3

#### 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	1523.4	12.47	115.35	1518.4	-28.9	61.0	2.00	115.35	-57.9	
4	46027.7	12.47	115.35	5916.6	-445.3	939.8	0.00	0.00	-891.0	
5	56651.0	0.00	0.00	6535.0	-474.2	1000.8	2.00	180.00	-948.9	
6	66681.0	0.00	0.00	6565.0	-474.2	1000.8	0.00	0.00	-948.9	
7	7581.0	90.00	270.79	7138.0	-466.3	427.9	10.00	270.79	-379.6	
8	82065.6	90.00	270.80	7138.0	-404.0	-4056.2	0.00	0.00	4076.3	TD / PBHL WAAG NORTH 3



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 3	7138.0	-466.3	427.9	40° 34' 0.048 N	104° 42' 28.044 W	Point
TD / PBHL WAAG NORTH 3	7138.0	-404.0	-4056.2	40° 34' 0.660 N	104° 43' 26.148 W	Point

#### FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3610.0	3665.4	PARKMAN
4337.0	4410.0	SUSSEX
4730.0	4812.5	SHANNON
7008.0	7187.4	NIOBRARA

