



Well Name: WAAG 25  
Surface Location: WAAG SOUTH  
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone  
Ground Elevation: 4867.0  
WELL @ 4883.0ft (Xtreme 7)

+N/-S +E/-W Northing Easting Latitude Longitude Slot  
0.0 0.0 1445701.62 3220192.41 40° 33' 14.940 N 104° 42' 27.288 W WAAG 25

#### 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	1175.4	5.51	117.41	1174.9	-6.1	11.7	2.00	117.41	-11.5	
4	6482.0	5.51	117.41	6457.1	-240.5	463.9	0.00	0.00	-453.2	
5	6757.3	0.00	0.00	6732.0	-246.6	475.6	2.00	180.00	-464.7	
6	6787.3	0.00	0.00	6762.0	-246.6	475.6	0.00	0.00	-464.7	
7	77687.3	90.00	270.62	7335.0	-240.4	-97.3	10.00	270.62	107.5	
8	2114.1	90.00	270.62	7335.0	-192.7	-4523.9	0.00	0.00	4528.0	TD / PBHL WAAG SOUTH 25



Azimuths to True North  
Magnetic North: 8.42°

Magnetic Field

Strength: 52887.1nT

Dip Angle: 67.07°

Date: 8/3/2014

Model: IGRF2010

#### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LP WAAG SOUTH 25	7335.0	-240.4	-97.3	40° 33' 12.564 N	104° 42' 28.548 W	Point
TD / PBHL WAAG SOUTH 25	7335.0	-192.7	-4523.9	40° 33' 13.032 N	104° 43' 25.896 W	Point

#### FORMATION TOP DETAILS

TVDP	Path	MD	Path	Formation
3610.0	3621.7			PARKMAN
4337.0	4352.1			SUSSEX
4730.0	4746.9			SHANNON
7008.0	7041.6			NIOBRARA
7148.0	7210.9			NIO B TARGET
7292.0	7464.1			FORT HAYS
7325.0	7580.4			CODELL

