



Project: Weld County, CO
Site: Sec 7-T10N-R57W
Well: Horsetail #07F-1807
Wellbore: Hz
Design: Design #1

PROJECT DETAILS: Weld County, CO
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level



Azimuths to True North
Magnetic North: 7.88°
Magnetic Field
Strength: 53087.5snT
Dip Angle: 67.44°
Date: 1/5/2015
Model: IGRF2010

WELL DETAILS: Horsetail #07F-1807

+N/-S	+E/-W	Northing	Ground Level: 4925.70	Longitude	Slot
0.00	0.00	1558396.04	Easting 3471421.41	Latitude 40° 51' 13.460 N	103° 47' 45.010 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	
3	475.00	3.50	350.00	474.89	5.26	-0.93	2.00	350.00	-5.26	
4	485.00	3.50	350.00	4877.04	258.37	-45.56	0.00	0.00	-258.06	
5	4860.00	0.00	0.00	4851.93	263.63	-46.49	2.00	180.00	-263.32	
6	5237.20	0.00	0.00	5229.13	263.63	-46.49	0.00	0.00	-263.32	
7	6055.38	90.00	180.05	5750.00	-257.24	-46.90	11.00	180.05	257.54	PBHL 1807A
8	13762.07	90.00	180.05	5750.00	-7963.92	-53.00	0.00	0.00	7964.10	PBHL 1807A

FORMATION TOP DETAILS

TVDPATH	MDPATH	Formation
1550.00	1552.12	Upper Pierre
3500.00	3505.76	Hygiene
3650.00	3656.04	Lower Pierre
5515.00	5539.81	P200 Marker
5530.00	5557.96	P300 Marker
5550.00	5582.90	P350 Marker
5702.00	5830.01	Sharon Springs
5707.00	5842.25	Niobrara
5727.00	5900.02	Top A Chalk

