

ENSIGN

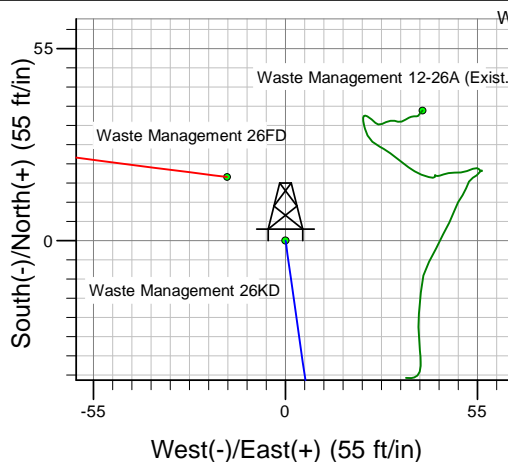
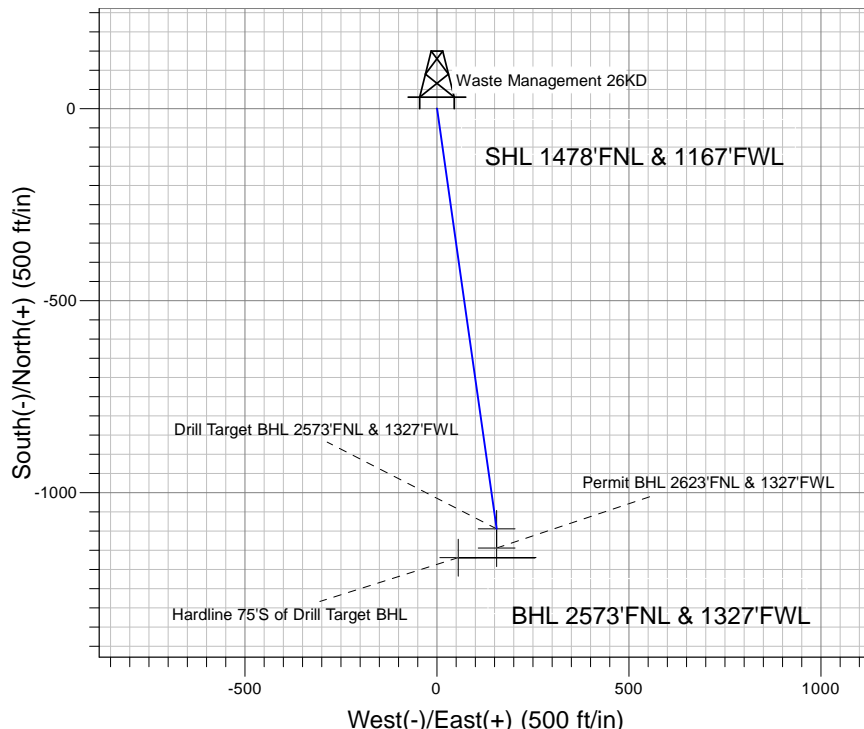
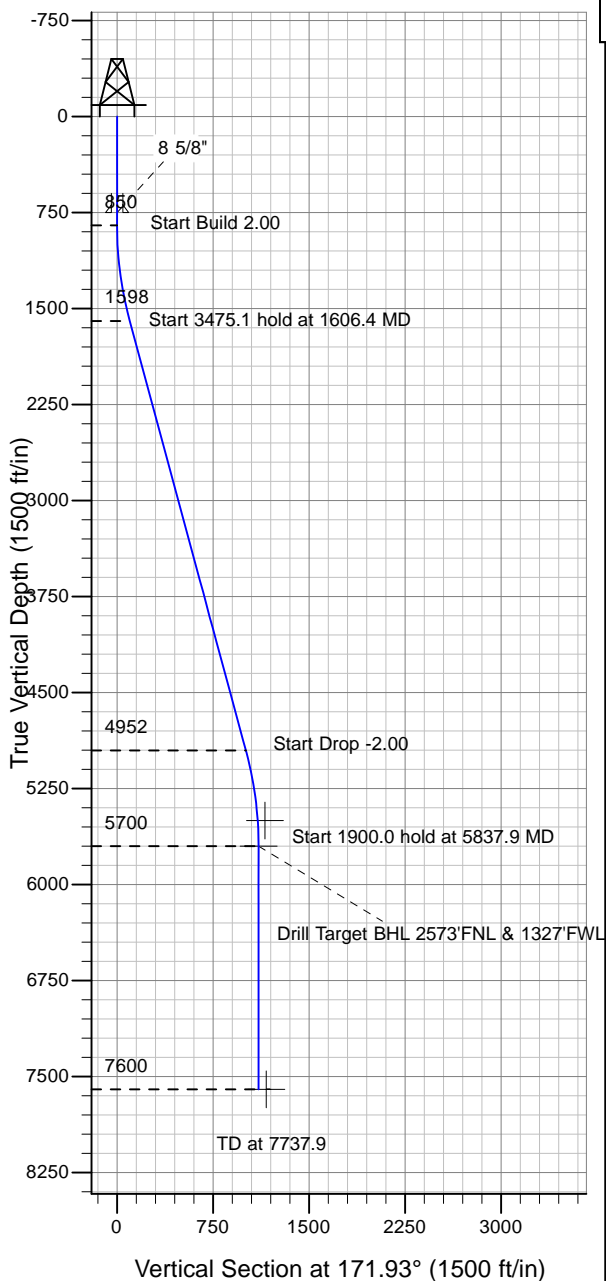
Directional

Well Name: Waste Management 26KD

Surface Location: Waste Management 26FD Pad Sec.26-T3N-R64W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4855.0

+N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1317039.23 3272657.84 40° 11' 58.380 N 104° 31' 25.968 W
 Original Well Elev WELL @ 4868.0ft (Original Well Elev)

PETROLEUM DEVELOPMENT CORP Weld County CO



Waste Management 26FD Pad Sec.26-T3N-R64W
 Waste Management 26KD
 Plan #1 (10-14-10)
 11:28, October 18 2010



Azimuths to True North
 Magnetic North: 8.81°

Magnetic Field
 Strength: 53122.2snT
 Dip Angle: 66.95°
 Date: 10/15/2010
 Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Permit BHL 2623'FNL & 1327'FWL	5500.0	-1144.6	155.1	40° 11' 47.069 N	104° 31' 23.969 W	Point
Drill Target BHL 2573'FNL & 1327'FWL	5700.0	-1094.6	155.1	40° 11' 47.564 N	104° 31' 23.969 W	Point
Hardline 75'S of Drill Target BHL	7600.0	-1169.6	55.1	40° 11' 46.822 N	104° 31' 25.258 W	Polygon

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	850.0	0.00	0.00	850.0	0.0	0.0	0.00	0.00	0.0	
3	1606.4	15.13	171.93	1597.6	-98.3	13.9	2.00	171.93	99.3	
4	5081.5	15.13	171.93	4952.4	-996.3	141.2	0.00	0.00	1006.2	
5	5837.9	0.00	0.00	5700.0	-1094.6	155.1	2.00	180.00	1105.5	Drill Target BHL 2573'FNL & 1327'FWL
6	7737.9	0.00	0.00	7600.0	-1094.6	155.1	0.00	0.00	1105.5	