

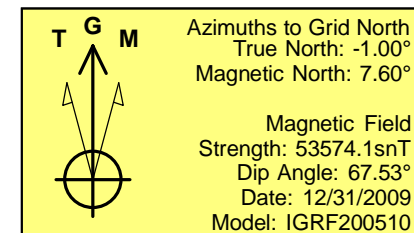
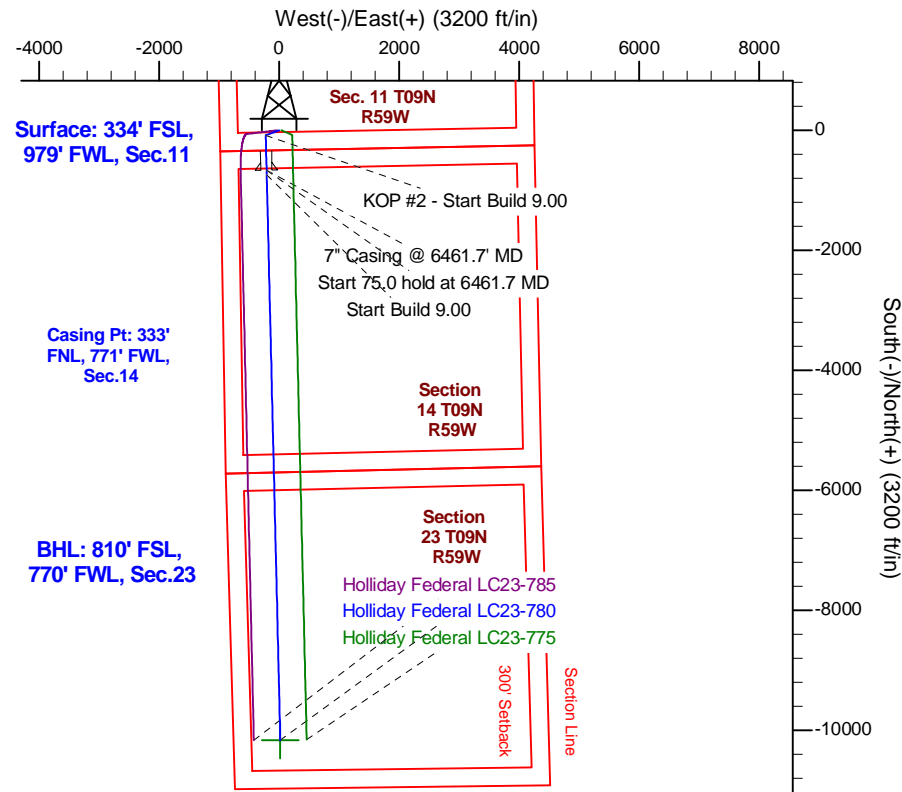
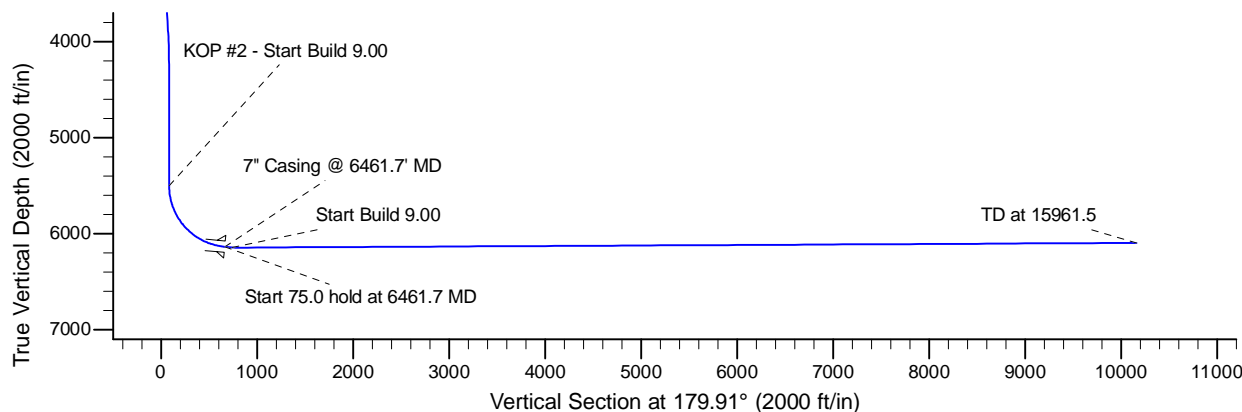
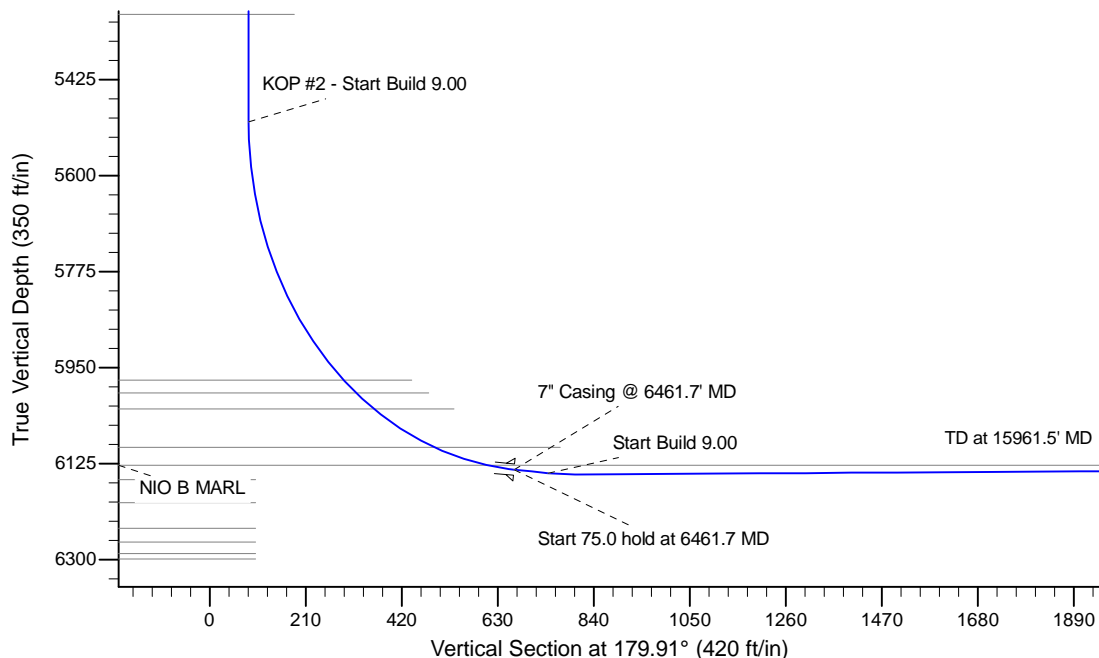
Project: Wattenberg Field
Site: LC (Sec.12-T09N-R59W) Weld County, CO
Well: Holliday Federal LC23-780
Wellbore: Original Drilling
Design: APD - Rev 1

Northern Region Drilling - Working

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

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	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2602.1	8.04	249.30	2600.8	-10.0	-26.4	2.00	249.30	9.9	
4	3918.5	8.04	249.30	3904.2	-75.0	-198.6	0.00	0.00	74.7	
5	4320.6	0.00	0.00	4305.0	-85.0	-225.0	2.00	180.00	84.6	
6	5517.3	0.00	0.00	5501.7	-85.0	-225.0	0.00	0.00	84.6	
7	6461.7	85.00	178.63	6135.9	-666.0	-211.1	9.00	178.63	665.6	
8	6536.7	85.00	178.63	6142.4	-740.7	-209.3	0.00	0.00	740.3	
9	6595.6	90.30	178.63	6144.8	-799.5	-207.9	9.00	0.00	799.1	
10	15961.5	90.30	178.63	6095.8	-10162.5	16.7	0.00	0.00	10162.5	Holliday Federal LC23-780 BHL 810'FSL, 770'FWL



WELL DETAILS: Holliday Federal LC23-780

Ground Level:4977.0					
		Northing	Easting	Latitude	Longitude
0.0	0.0	1523150.37	3429035.86	40.759150	-103.951250

Plan: APD - Rev 1 (Holliday Federal LC23-780/Original Drilling)

Created By: Shailey Jewell Date: 16:18, October 22 2015
Checked: _____ Date: _____
Reviewed: _____ Date: _____
Approved: _____ Date: _____