

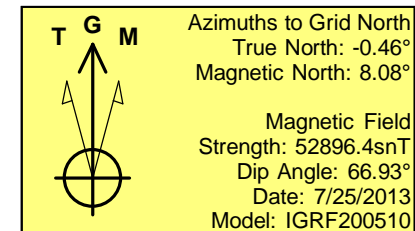
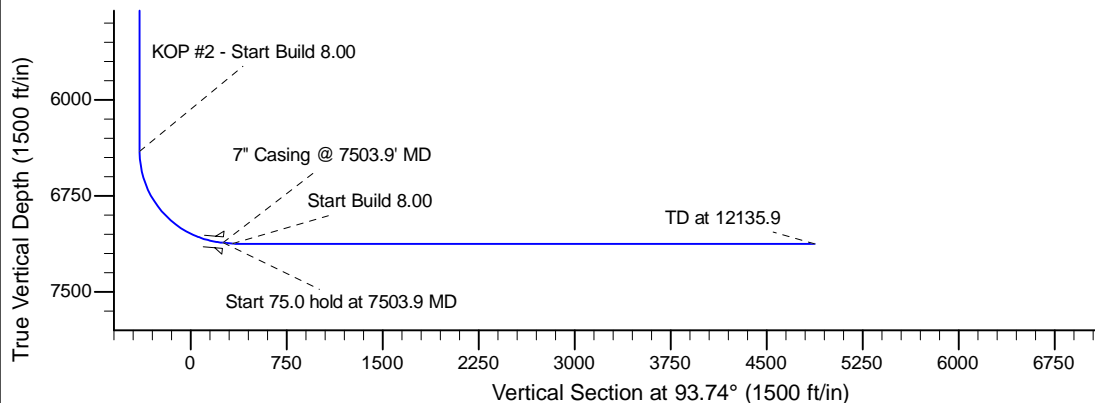
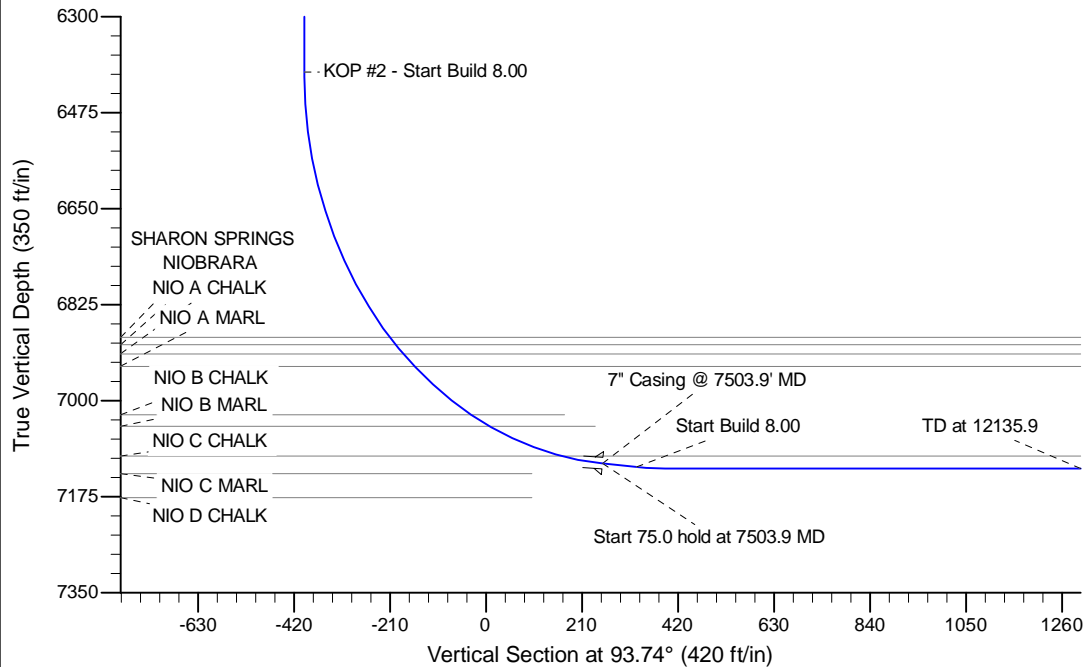
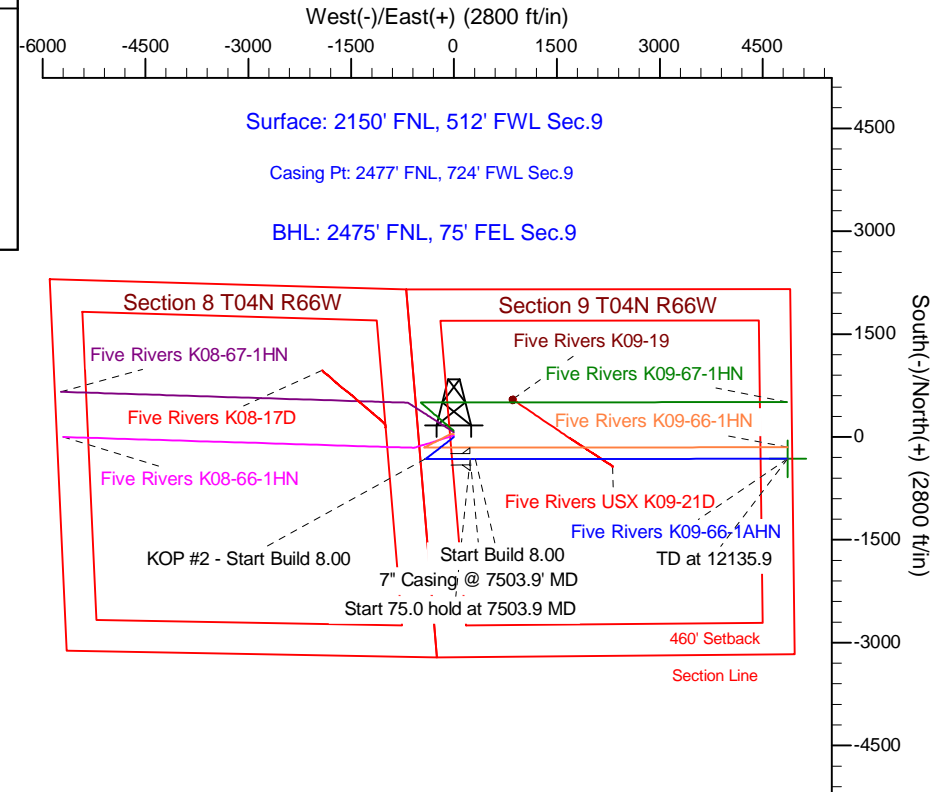
Project: Wattenberg Field
 Site: K (Sec.9-T04N-R66W) Weld County, CO
 Well: Five Rivers K09-66-1AHN
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1452.1	9.04	232.27	1450.3	-21.8	-28.2	2.00	232.27	-26.7	
4	4378.0	9.04	232.27	4339.7	-303.2	-391.8	0.00	0.00	-371.3	
5	4830.1	0.00	0.00	4790.0	-325.0	-420.0	2.00	180.00	-397.9	
6	6441.4	0.00	0.00	6401.3	-325.0	-420.0	0.00	0.00	-397.9	
7	7503.9	85.00	89.92	7114.7	-324.1	233.8	8.00	89.92	254.4	
8	7578.9	85.00	89.92	7121.3	-324.0	308.5	0.00	0.00	328.9	
9	7641.4	90.00	89.92	7124.0	-323.9	370.9	8.00	0.00	391.2	
10	12135.9	90.00	89.92	7124.0	-317.6	4865.4	0.00	0.00	4875.7	Five Rivers K09-66-1BHN 2475'FNL, 75'FEL



WELL DETAILS: Five Rivers K09-66-1AHN

Ground Level: 4699.0				
	Northing	Easting	Latitude	Longitude
0.0	0.0	1363019.45	3197672.27	40.327720 -104.791000

Plan: APD - Rev 0 (Five Rivers K09-66-1AHN/Original Drilling)

Created By: Shailey Jewell Date: 14:43, March 04 2014

OK to submit with 2A as per Noble Drilling
3/04/2014 3:47