

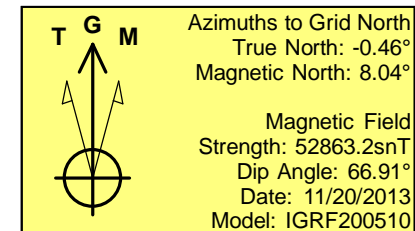
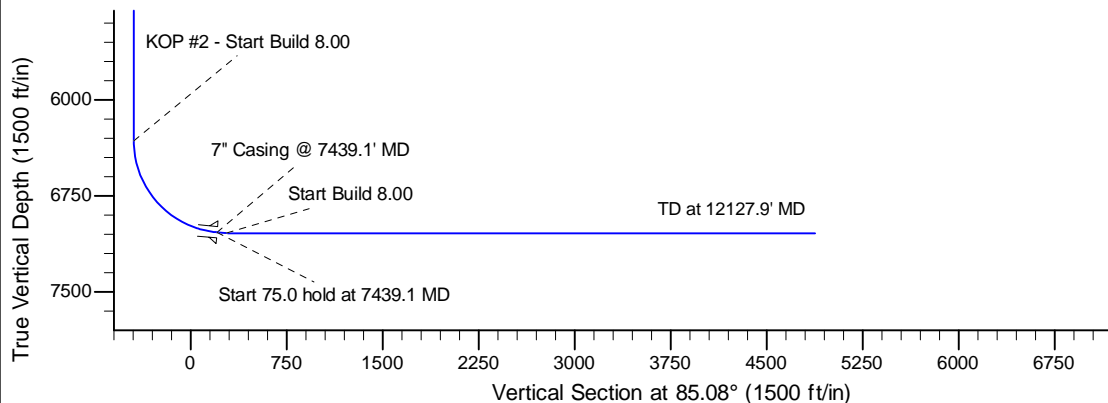
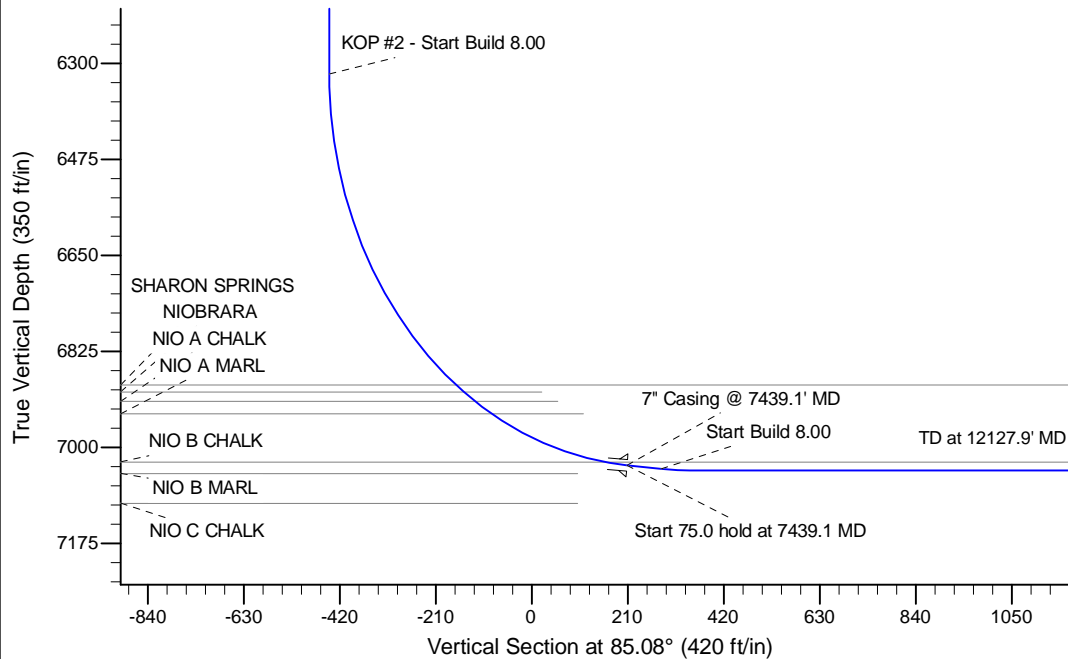
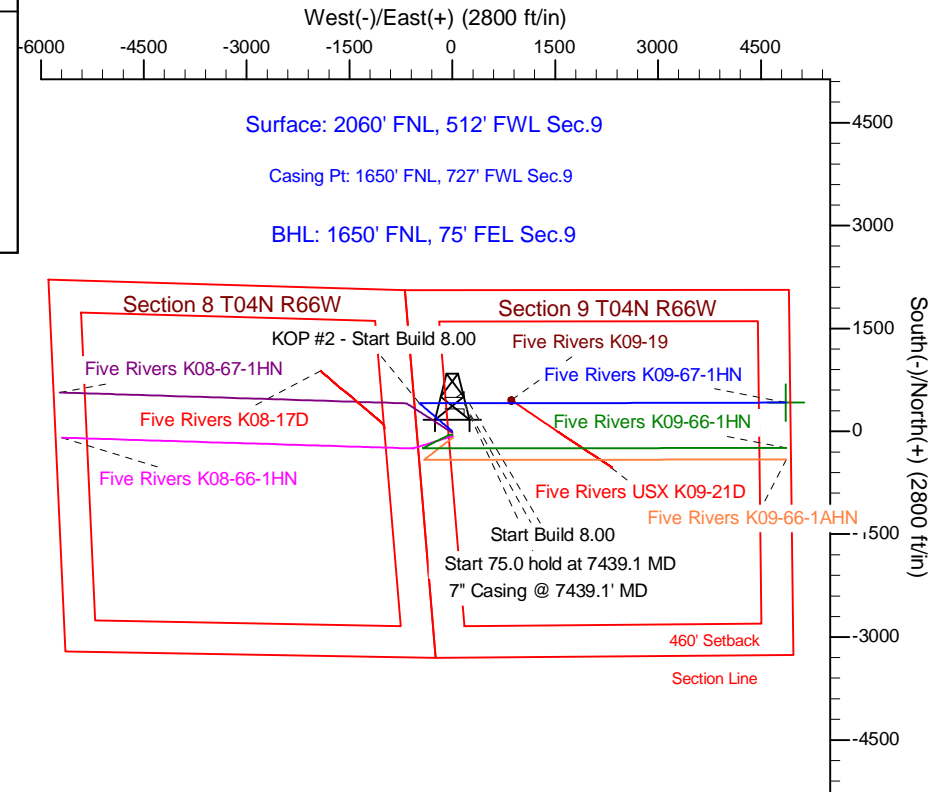
Project: Wattenberg Field  
 Site: K (Sec.9-T04N-R66W) Weld County, CO  
 Well: Five Rivers K09-67-1HN  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1749.9	11.00	310.50	1746.5	34.2	-40.0	2.00	310.50	-36.9	
4	4507.5	11.00	310.50	4453.5	375.8	-440.0	0.00	0.00	-406.2	
5	5057.4	0.00	0.00	5000.0	410.0	-480.0	2.00	180.00	-443.1	
6	6376.6	0.00	0.00	6319.3	410.0	-480.0	0.00	0.00	-443.1	
7	7439.1	85.00	89.91	7032.7	411.0	173.8	8.00	89.91	208.4	
8	7514.1	85.00	89.91	7039.3	411.1	248.5	0.00	0.00	282.8	
9	7576.6	90.00	89.91	7042.0	411.2	310.9	8.00	0.00	345.0	
10	12127.9	90.00	89.91	7042.0	418.3	4862.1	0.00	0.00	4880.1	Five Rivers K09-67-1HN BHL 1650'FNL, 725'FWL



## WELL DETAILS: Five Rivers K09-67-1HN

Ground Level: 4700.0				
	Northing	Easting	Latitude	Longitude
0.0	0.0	1363110.48	3197665.96	40.327970 -104.791020

Plan: APD - Rev 0 (Five Rivers K09-67-1HN/Original Drilling)

Created By: Shailey Jewell Date: 14:57, March 04 2014

**OK to submit with 2A as per Noble Drilling**  
**3/04/2014 3:48**