

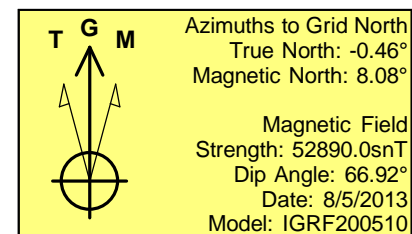
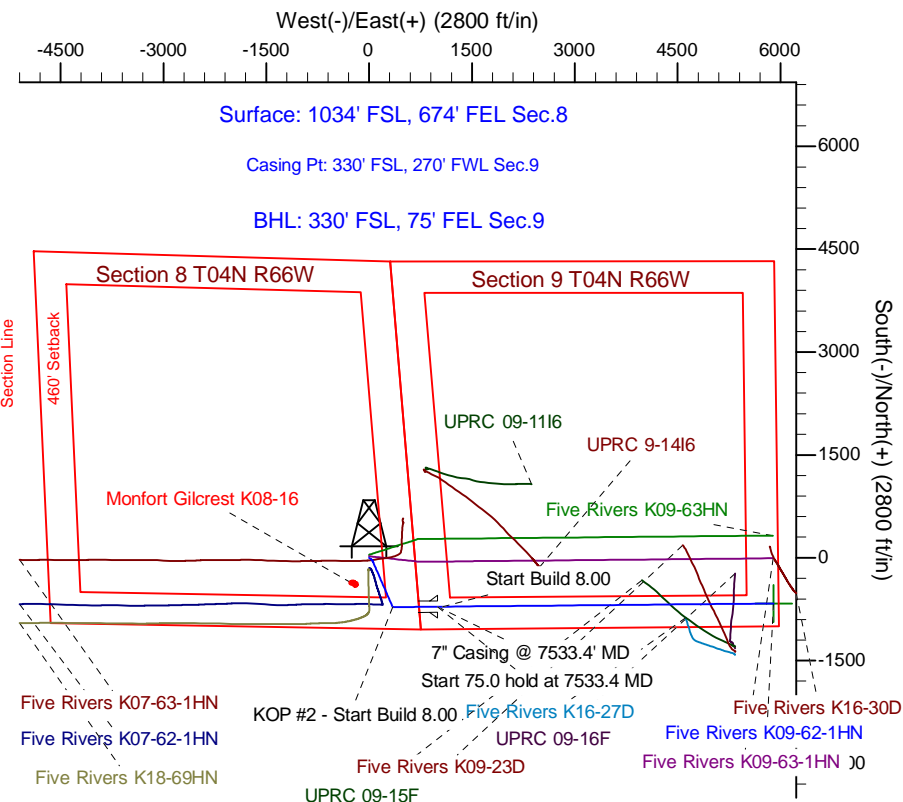
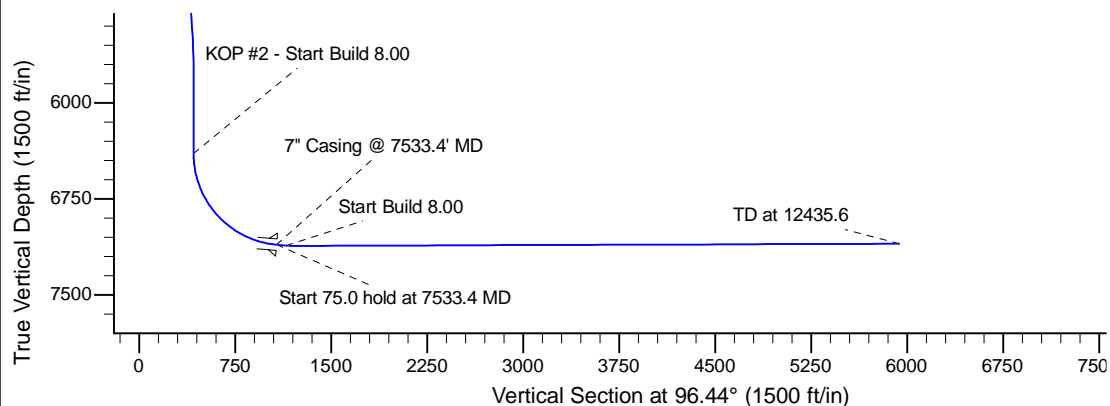
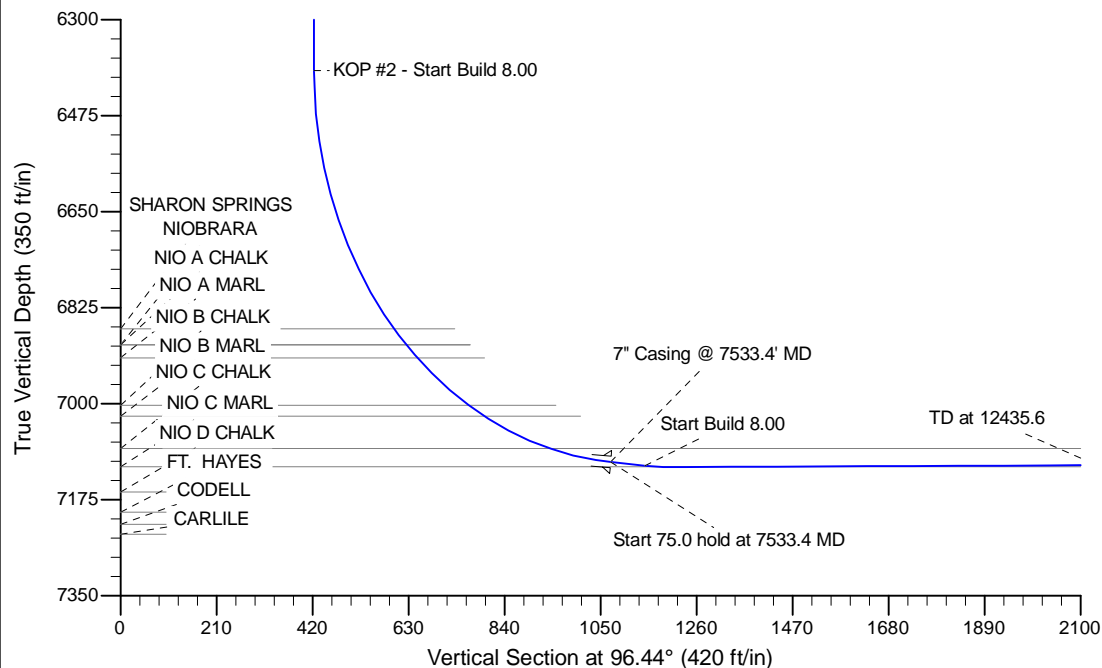
Project: Wattenberg Field
 Site: K (Sec.8-T04N-R66W) Weld County, CO
 Well: Five Rivers K09-62-1HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	1500.0	6.00	125.00	1499.5	-9.0	12.9	2.00	125.00	13.8	
4	1700.0	6.00	125.00	1698.4	-21.0	30.0	0.00	0.00	32.1	
5	2069.3	11.81	156.50	2063.2	-66.8	60.9	2.00	56.31	68.0	
6	5251.9	11.81	156.50	5178.5	-664.3	320.8	0.00	0.00	393.3	
7	5842.7	0.00	0.00	5765.0	-720.0	345.0	2.00	180.00	423.6	
8	6470.9	0.00	0.00	6393.2	-720.0	345.0	0.00	0.00	423.6	
9	7533.4	85.00	89.45	7106.7	-713.7	998.7	8.00	89.45	1072.5	
10	7608.4	85.00	89.45	7113.2	-713.0	1073.5	0.00	0.00	1146.7	
11	7673.4	90.20	89.45	7115.9	-712.3	1138.4	8.00	0.00	1211.1	
12	12435.6	90.20	89.45	7099.3	-666.4	5900.4	0.00	0.00	5937.9	Five Rivers K09-62-1HN BHL 330'FSL, 75'FEL



WELL DETAILS: Five Rivers K09-62-1HN

Ground Level: 4702.0				
0.0	0.0	North	East	Long
1360851.12	3196666.26	40.321790	-104.794670	

Plan: APD - Rev 0 (Five Rivers K09-62-1HN/Original Drilling)

Created By: Shailey Jewell Date: 12:38, March 04 2014

OK to submit with 2A as per Noble Drilling
 3/04/2014 1:02