

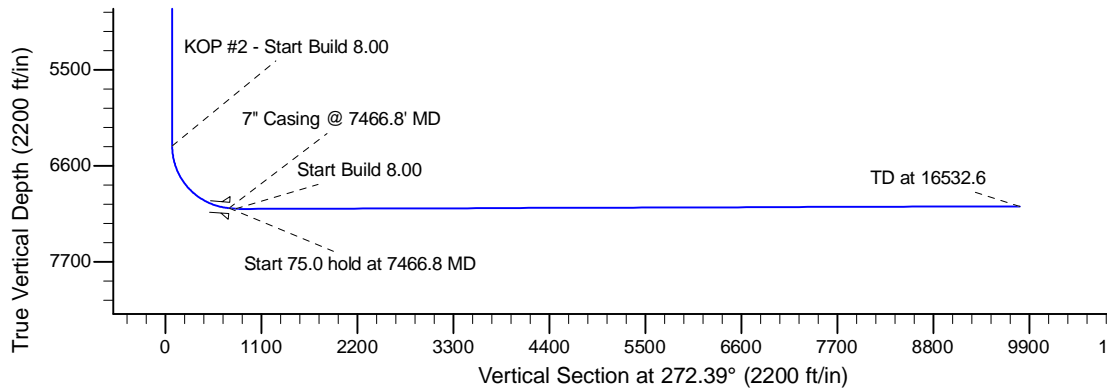
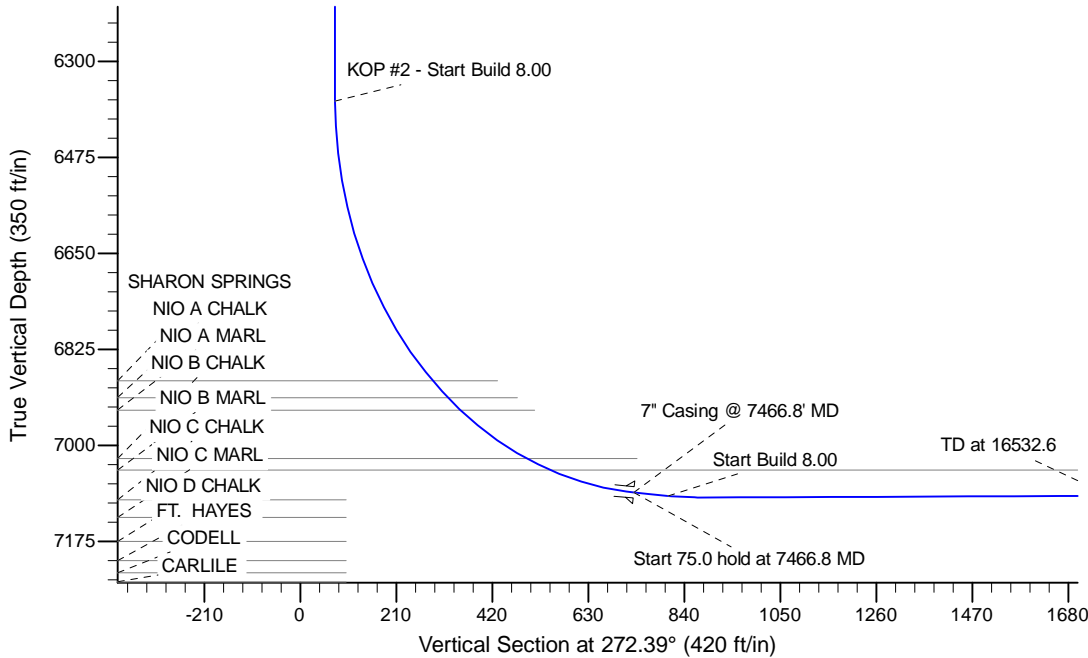
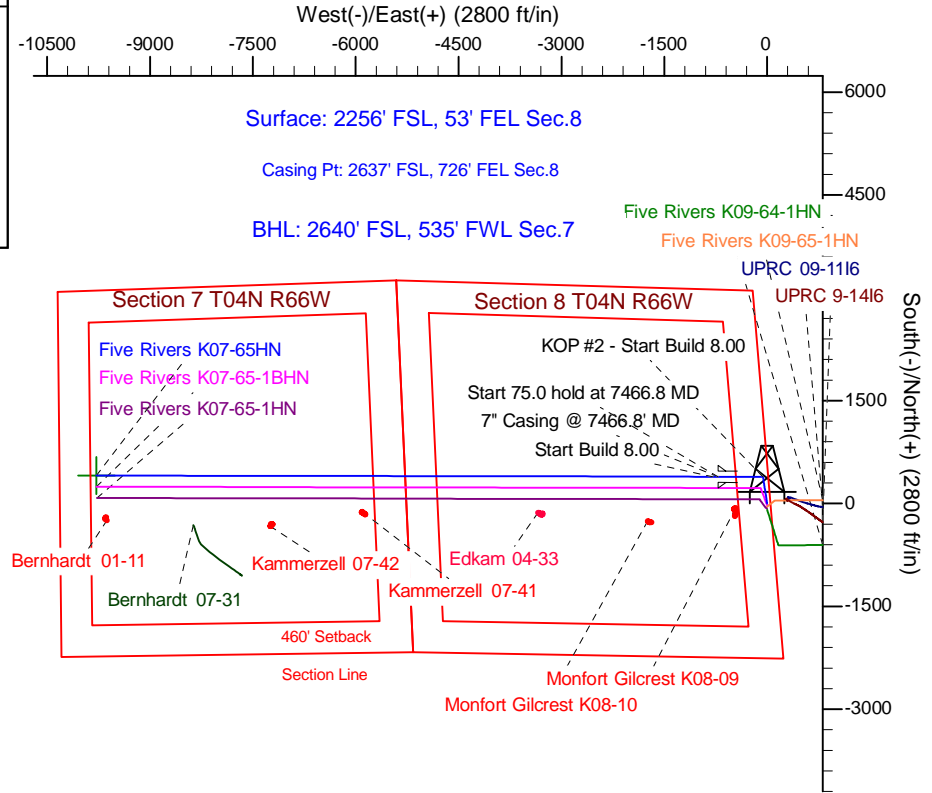
Project: Wattenberg Field  
 Site: K (Sec.8-T04N-R66W) Weld County, CO  
 Well: Five Rivers K07-65HN  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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	VSect	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	1501.2	10.02	351.25	1498.6	43.2	-6.6	2.00	351.25	8.4	
4	3265.9	10.02	351.25	3236.4	346.8	-53.4	0.00	0.00	67.8	
5	3767.0	0.00	0.00	3735.0	390.0	-60.0	2.00	180.00	76.2	
6	6404.3	0.00	0.00	6372.2	390.0	-60.0	0.00	0.00	76.2	
7	7466.8	85.00	270.11	7085.7	391.2	-713.8	8.00	270.11	729.5	
8	7541.8	85.00	270.11	7092.2	391.4	-788.5	0.00	0.00	804.1	
9	7606.8	90.20	270.11	7095.0	391.5	-853.4	8.00	0.00	869.0	
10	16532.6	90.20	270.11	7063.8	408.5	-9779.2	0.00	0.00	9787.7	Five Rivers K07-65HN BHL 2640'FSL, 535'FWL



**T G M**

Azimuths to Grid North  
 True North: -0.46°  
 Magnetic North: 8.08°

Magnetic Field  
 Strength: 52895.0snT  
 Dip Angle: 66.92°  
 Date: 7/25/2013  
 Model: IGRF200510

WELL DETAILS: Five Rivers K07-65HN					
Ground Level: 4699.0					
	Northing	Easting	Latitude	Longitude	
0.0	0.0	1362068.39	3197186.35	40.325120	-104.792770

Plan: APD - Rev 0 (Five Rivers K07-65HN/Original Drilling)  
 Created By: Shailey Jewell Date: 14:21, March 05 2014

**OK to submit with 2A as per Noble Drilling**  
**3/07/2014 12:47**