

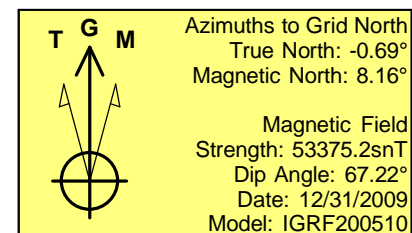
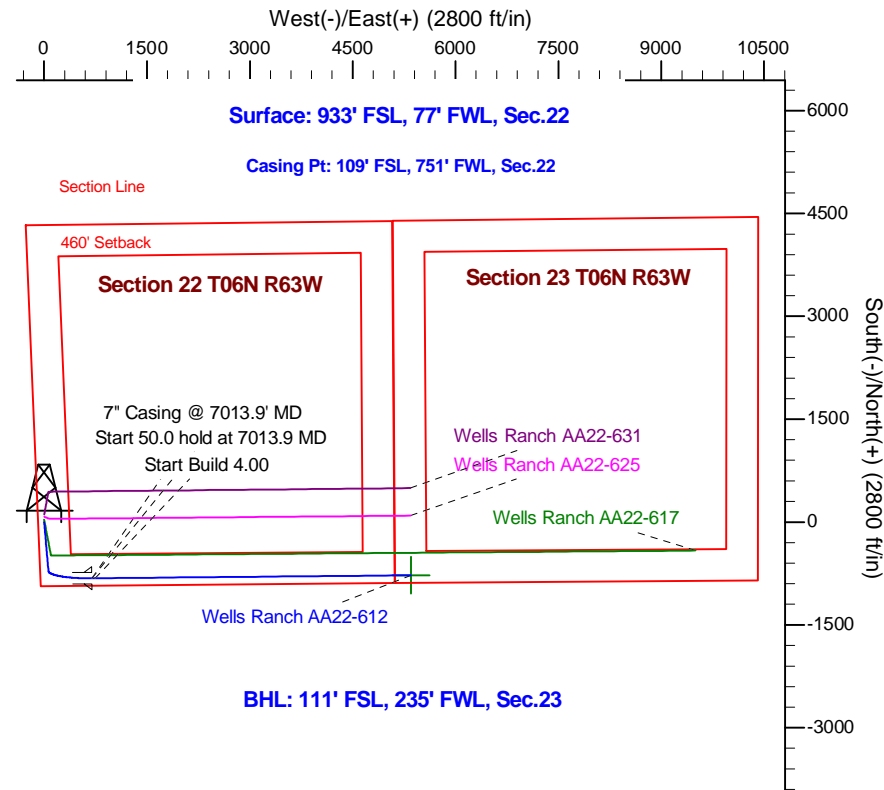
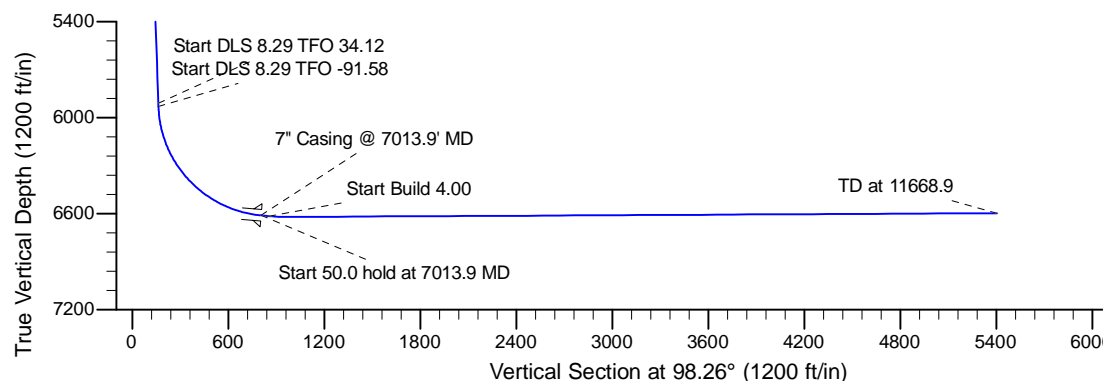
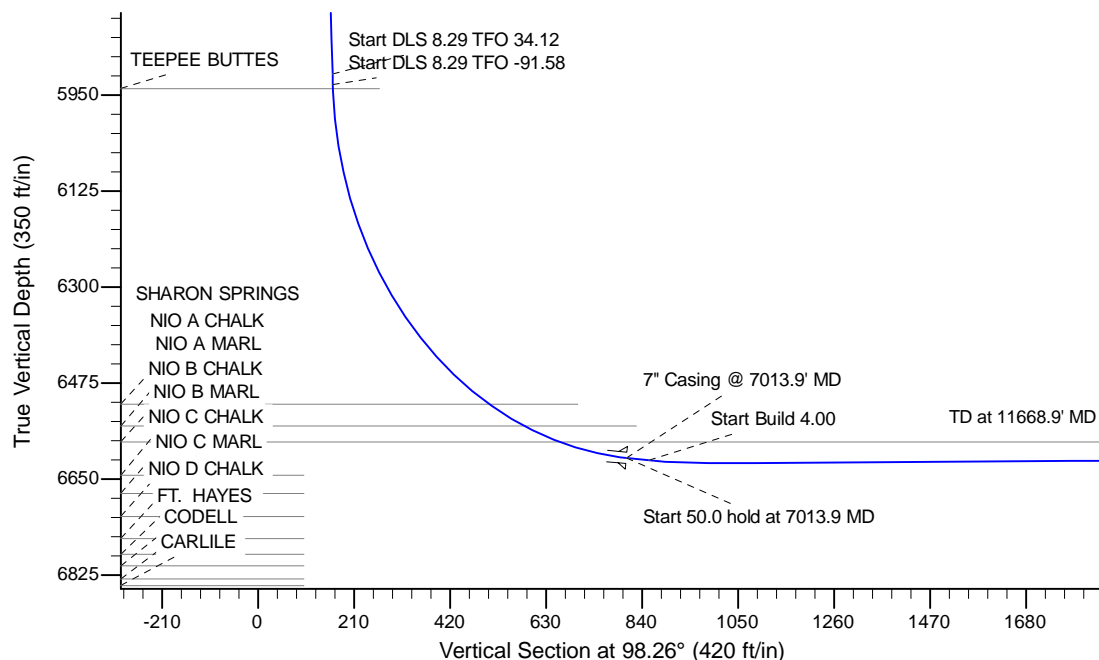
Project: Wattenberg Field  
 Site: AA (Sec.22-T06N-R63W) Weld County, CO  
 Well: Wells Ranch AA22-612  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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	1650.0	9.00	175.00	1648.2	-35.1	3.1	2.00	175.00	8.1	
4	5966.0	9.00	175.00	5911.0	-707.7	61.9	0.00	0.00	163.0	
5	5985.9	10.41	180.14	5930.7	-711.1	62.1	8.29	34.12	163.6	
6	7013.9	85.00	89.46	6611.3	-820.0	695.0	8.29	-91.58	805.6	
7	7063.9	85.00	89.46	6615.7	-819.5	744.8	0.00	0.00	854.8	
8	7196.4	90.30	89.46	6621.1	-818.3	877.1	4.00	0.00	985.6	
9	11668.9	90.30	89.47	6597.7	-776.6	5349.4	0.00	93.48	5405.5	Wells Ranch AA22-612 BHL 111'FSL, 235'FWL



WELL DETAILS: Wells Ranch AA22-612					
Ground Level: 4745.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1414914.68	3297157.15	40.467430	-104.431960
Plan: APD - Rev 0 (Wells Ranch AA22-612/Original Drilling)					
Created By: Shailey Jewell			Date: 9:42, April 10 2015		
OK to submit with 2A as per Noble Drilling 4/10/2015 10:36					