

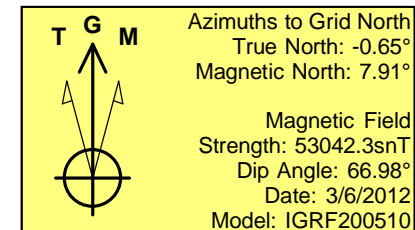
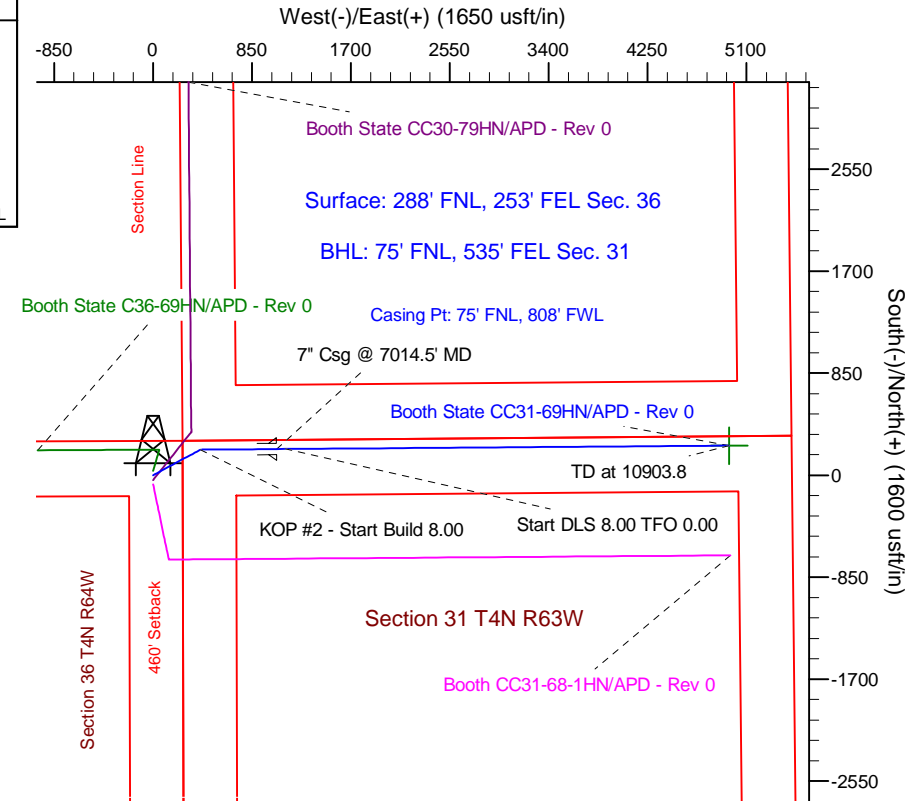
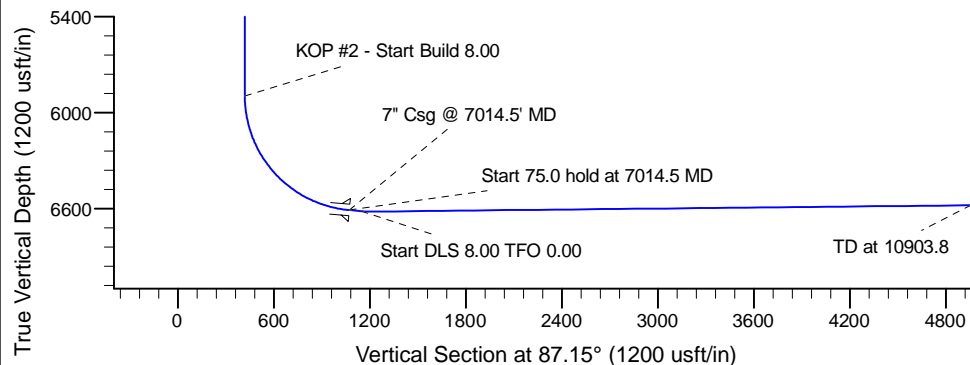
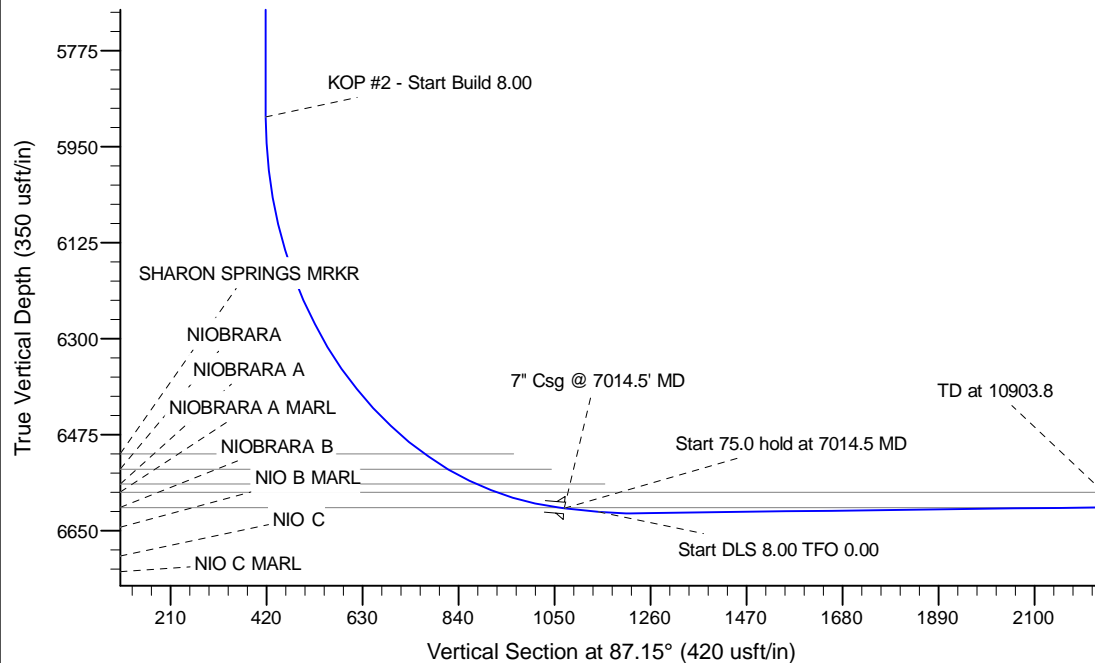
Project: Wattenberg Field
 Site: CC (Sec.36-T04N-R64W) Weld County, CO
 Well: Booth State CC31-69HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

Northern Region Drilling

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	1839.6	15.99	62.43	1831.3	41.0	78.6	2.50	62.43	80.5	
4	2866.7	15.99	62.43	2818.7	172.0	329.4	0.00	0.00	337.5	
5	3506.3	0.00	0.00	3450.0	213.0	408.0	2.50	180.00	418.1	
6	5952.0	0.00	0.00	5895.7	213.0	408.0	0.00	0.00	418.1	
7	7014.5	85.00	89.58	6609.2	217.8	1061.8	8.00	89.58	1071.3	
8	7089.5	85.00	89.58	6615.7	218.3	1136.5	0.00	0.00	1145.9	
9	7159.5	90.60	89.58	6618.4	218.9	1206.4	8.00	0.00	1215.8	
10	10903.8	90.60	89.58	6579.1	246.3	4950.3	0.00	0.00	4956.5	Booth State CC31-69HN BHL 75'FNL, 535'FEL



WELL DETAILS: Booth State CC31-69HN			
Ground Level: 4758.0			
Northing	Easting	Latitude	Longitude
1344746.65	3281602.98	40.275330	-104.490730
Plan: APD - Rev 0 (Booth State CC31-69HN/Original Drilling)			
Created By: Carrie Willers		Date: 17:10, March 07 2012	
OK to submit with 2A as per Noble Drilling 3/8/2012 4:10			