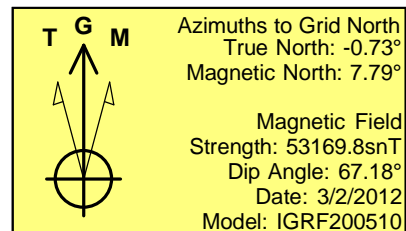
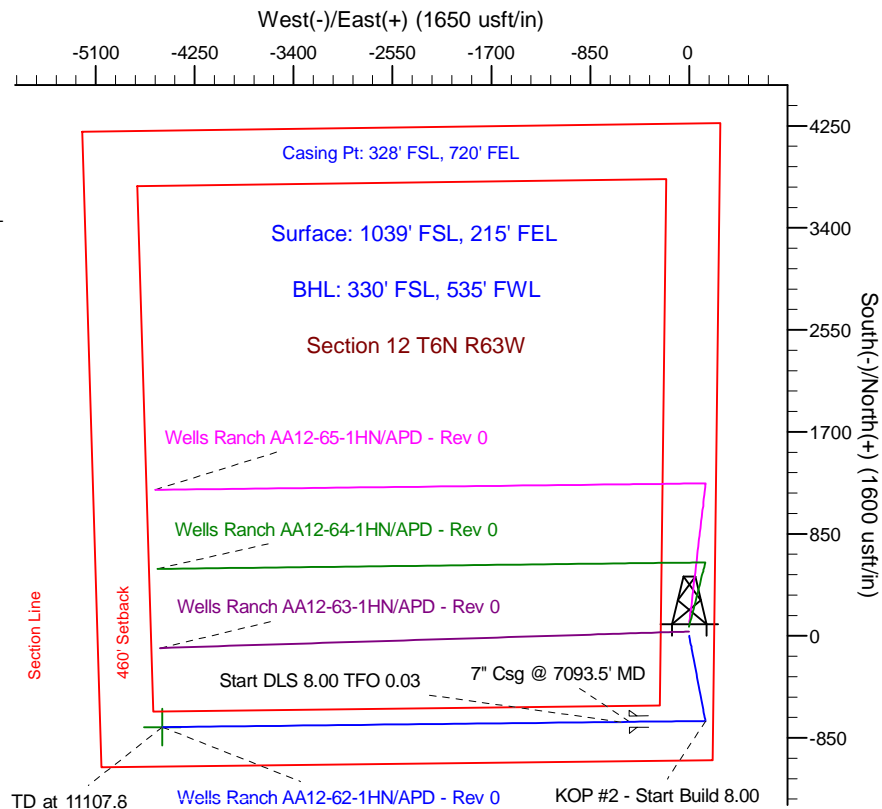
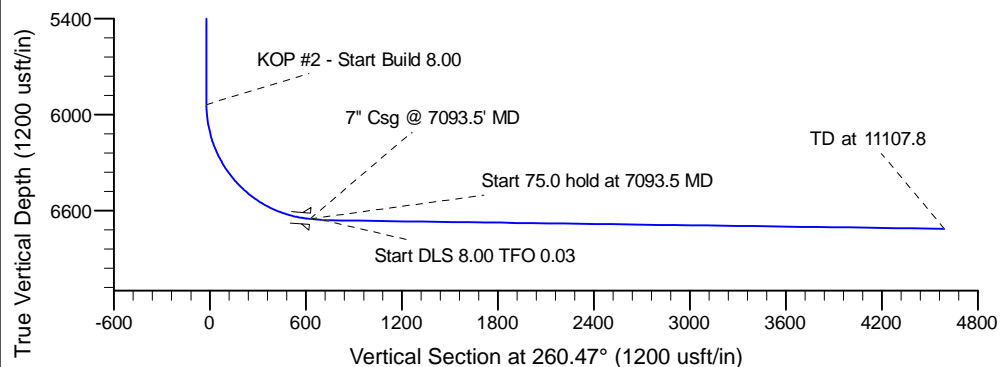
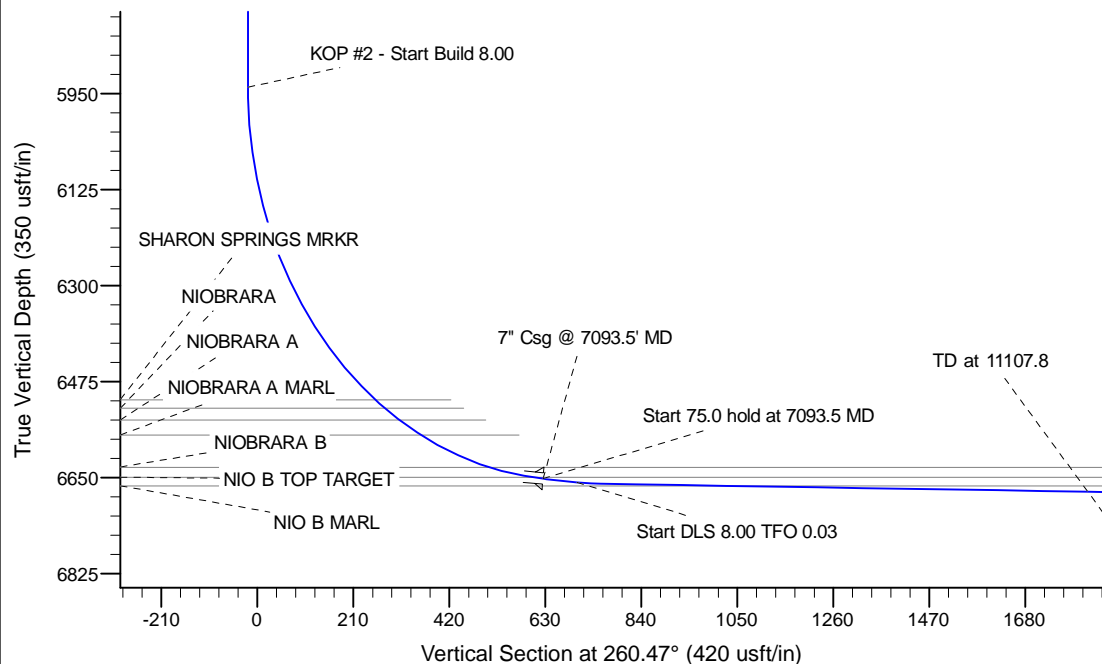


Project: Wattenberg Field  
 Site: AA (Sec.12-T06N-R63W) Weld County, CO  
 Well: Wells Ranch AA12-62-1HN  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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	VSect	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	1836.7	15.92	168.83	1828.5	-86.2	17.0	2.50	168.83	-2.5	
4	3831.1	15.92	168.83	3746.5	-622.8	123.0	0.00	0.00	-18.1	
5	4467.8	0.00	0.00	4375.0	-709.0	140.0	2.50	180.00	-20.7	
6	6031.0	0.00	0.00	5938.2	-709.0	140.0	0.00	0.00	-20.7	
7	7093.5	85.00	269.37	6651.7	-716.2	-513.7	8.00	269.37	625.2	
8	7168.5	85.00	269.37	6658.2	-717.0	-588.4	0.00	0.00	699.1	
9	7221.3	89.22	269.37	6660.9	-717.6	-641.2	8.00	0.03	751.1	
10	11107.8	89.22	269.37	6713.5	-760.1	-4527.0	0.00	0.00	4590.4	Wells Ranch AA12-62-1HN BHL 330'FSL, 535'FWL



WELL DETAILS: Wells Ranch AA12-62-1HN			
Ground Level: 4857.0			
Northing	Easting	Latitude	Longitude
1425762.18	3312593.61	40.496680	-104.375990
Plan: APD - Rev 0 (Wells Ranch AA12-62-1HN/Original Drilling)			
Created By: Carrie Willers		Date: 9:09, March 05 2012	
<div>OK to submit with 2A as per Noble Drilling</div> <div>3/5/2012 16:04</div>			