

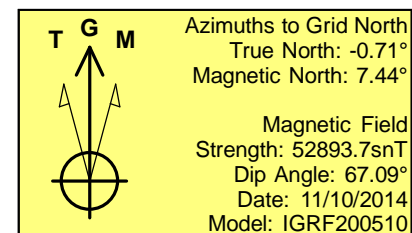
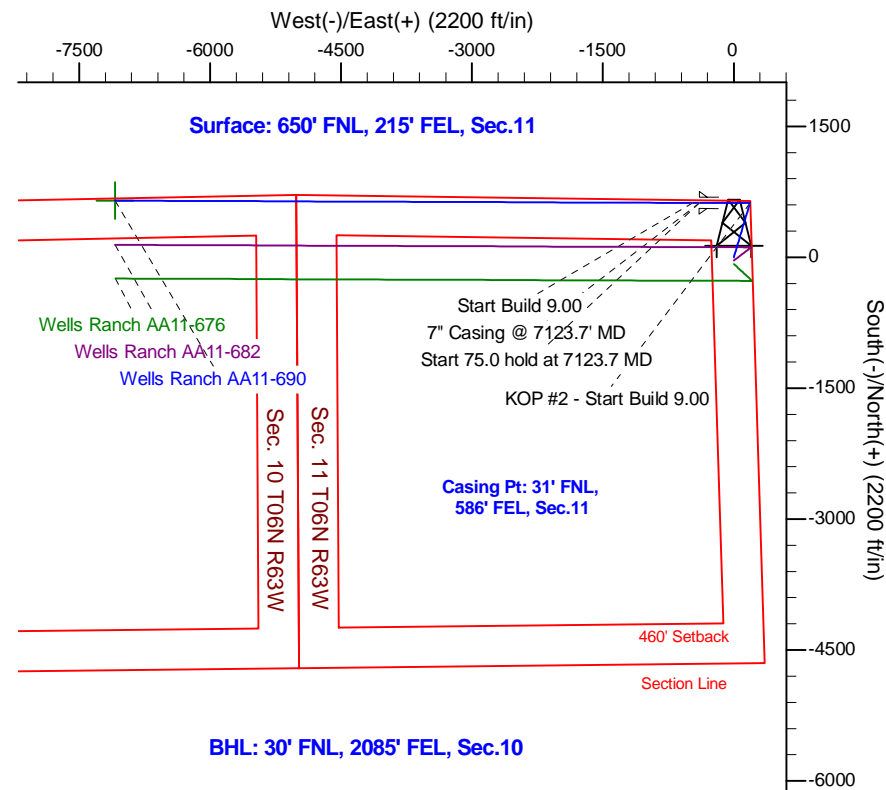
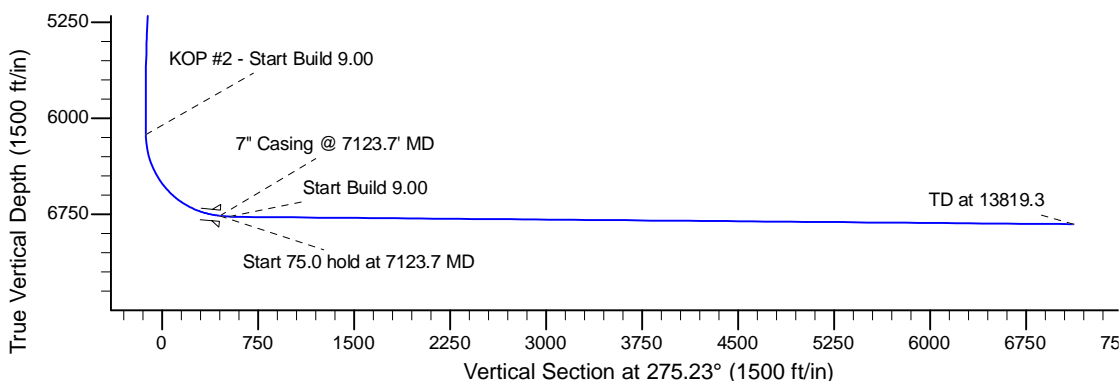
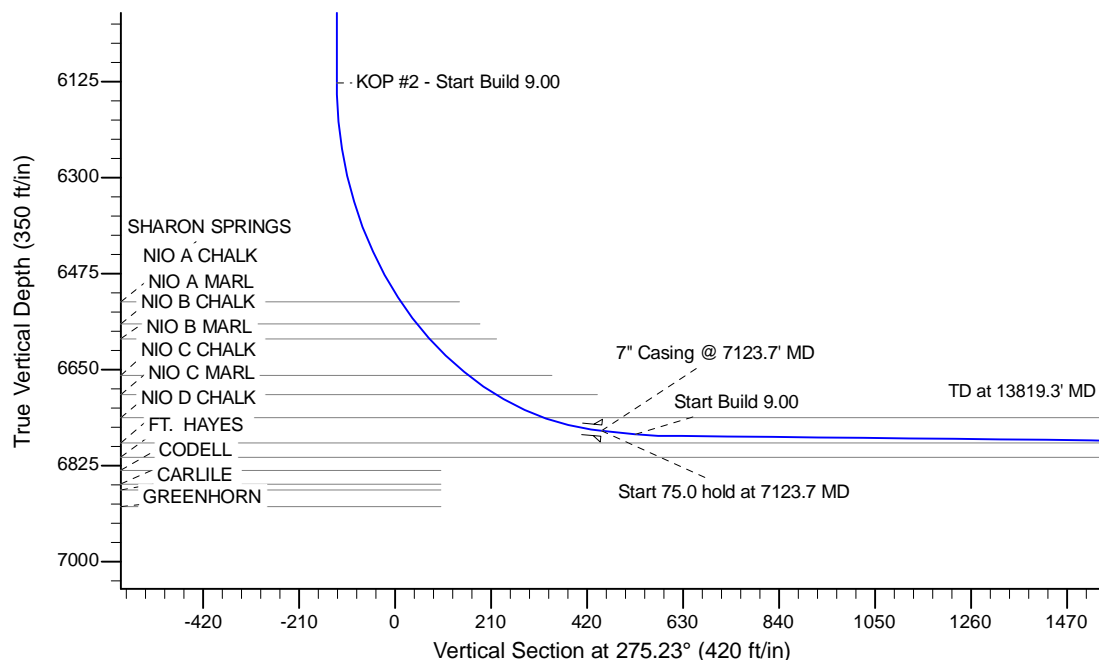
Project: Wattenberg Field
 Site: AA (Sec.11-T06N-R63W) Weld County, CO
 Well: Wells Ranch AA11-690
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1974.0	9.48	16.61	1971.8	37.5	11.2	2.00	16.61	-7.7	
4	5427.5	9.48	16.61	5378.2	582.5	173.8	0.00	0.00	-120.0	
5	5901.5	0.00	0.00	5850.0	620.0	185.0	2.00	180.00	-127.8	
6	6179.2	0.00	0.00	6127.7	620.0	185.0	0.00	0.00	-127.8	
7	7123.7	85.00	270.23	6761.9	622.3	-396.1	9.00	270.23	451.2	
8	7198.7	85.00	270.23	6768.5	622.6	-470.8	0.00	0.00	525.6	
9	7248.7	89.50	270.23	6770.9	622.8	-520.8	9.00	0.00	575.3	
10	13819.3	89.50	270.23	6828.2	648.7	-7091.2	0.00	0.00	7120.8	Wells Ranch AA11-690 BHL 30'FNL, 2085'FEL



WELL DETAILS: Wells Ranch AA11-690				
Ground Level: 4855.0				
0.0	0.0	Northing	Easting	Latitude
1429315.65	3307181.34	40.506620	-104.395290	

Plan: APD - Rev 0 (Wells Ranch AA11-690/Original Drilling)

Created By: Shailey Jewell Date: 8:50, November 11 2014

OK to submit with 2A as per Noble Drilling
 11/11/2014 10:06