

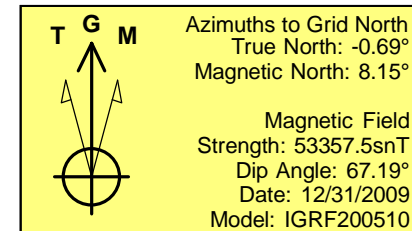
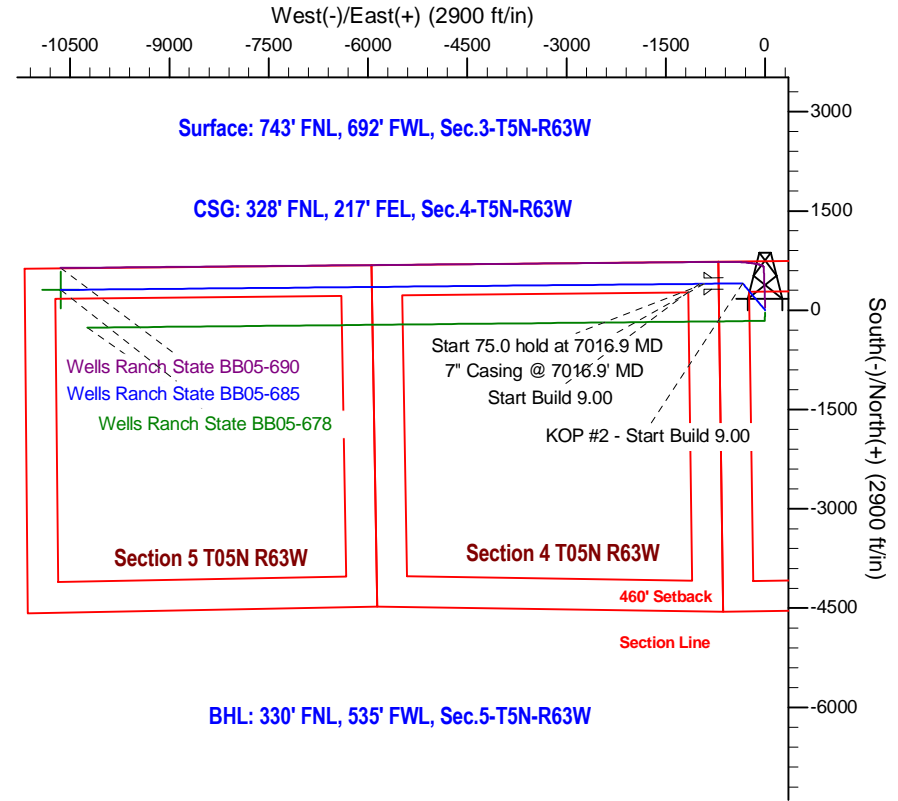
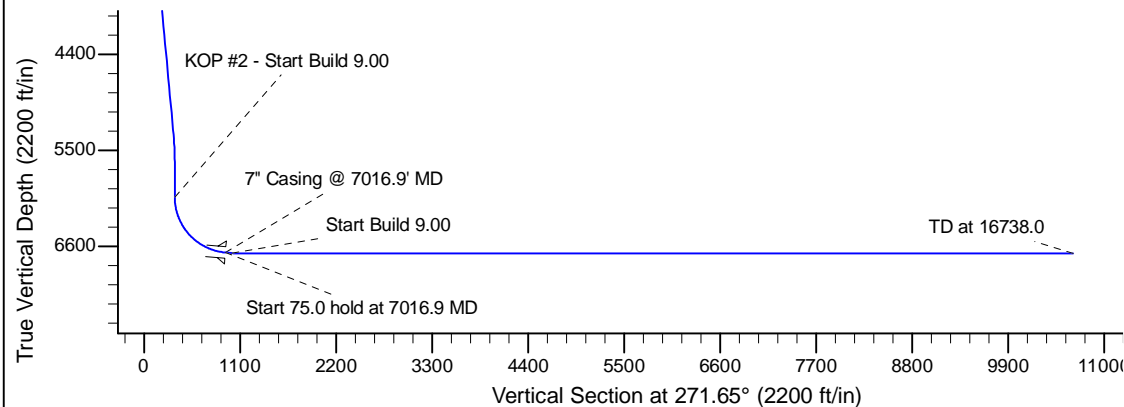
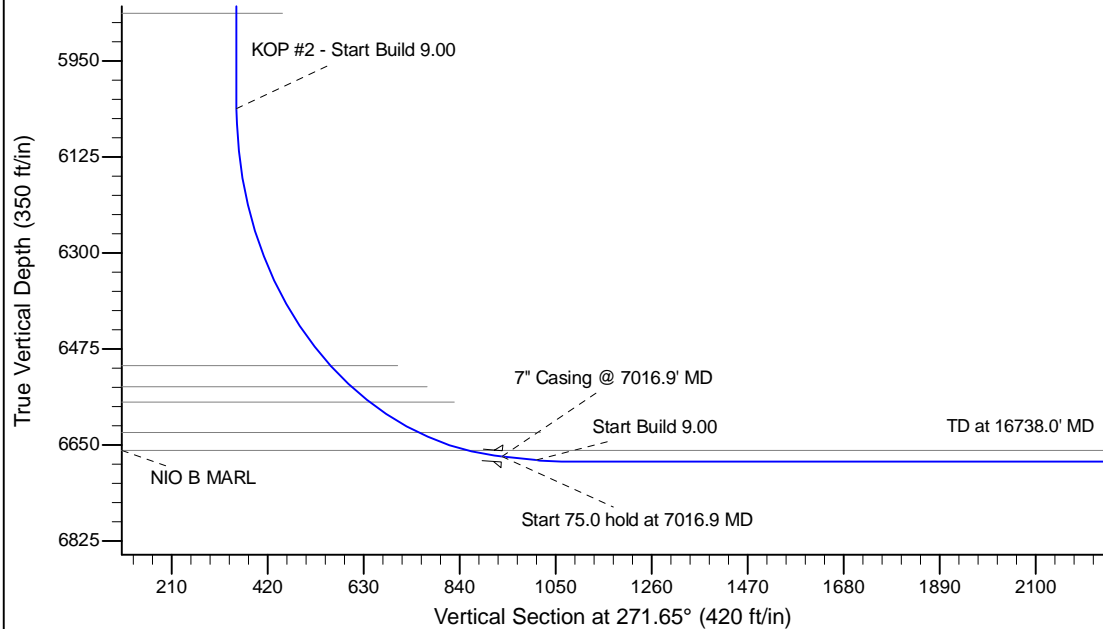
Project: Wattenberg Field  
 Site: BB (Sec.3-T05N-R63W) Weld County, CO  
 Well: Wells Ranch State BB05-685  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1899.8	8.00	319.99	1898.5	21.3	-17.9	2.00	319.99	18.5	
4	5300.9	8.00	319.99	5266.5	383.7	-322.1	0.00	0.00	333.0	
5	5700.7	0.00	0.00	5665.0	405.0	-340.0	2.00	180.00	351.6	
6	6072.5	0.00	0.00	6036.8	405.0	-340.0	0.00	0.00	351.6	
7	7016.9	85.00	269.46	6671.0	399.5	-921.1	9.00	269.46	932.3	
8	7091.9	85.00	269.46	6677.6	398.8	-995.8	0.00	0.00	1006.9	
9	7147.5	90.00	269.46	6680.0	398.3	-1051.3	9.00	0.00	1062.4	
10	16738.0	90.00	269.46	6680.0	307.5	-10641.3	0.00	0.00	10645.8	Wells Ranch State BB05-685 BHL 330'FNL, 535'FWL



WELL DETAILS: Wells Ranch State BB05-685				
Ground Level: 4781.0				
0.0	0.0	Northing 1402604.90	Easting 3297831.58	Latitude 40.433620
				Longitude -104.430070
Plan: APD - Rev 0 (Wells Ranch State BB05-685/Original Drilling)				
Created By: Shailey Jewell			Date: 8:04, November 18 2015	
OK to submit with 2A as per Noble Drilling 11/18/2015 8:12				