

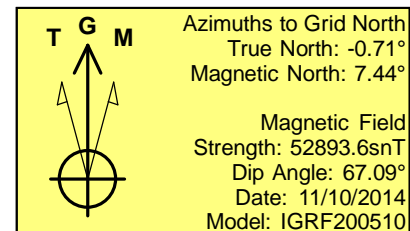
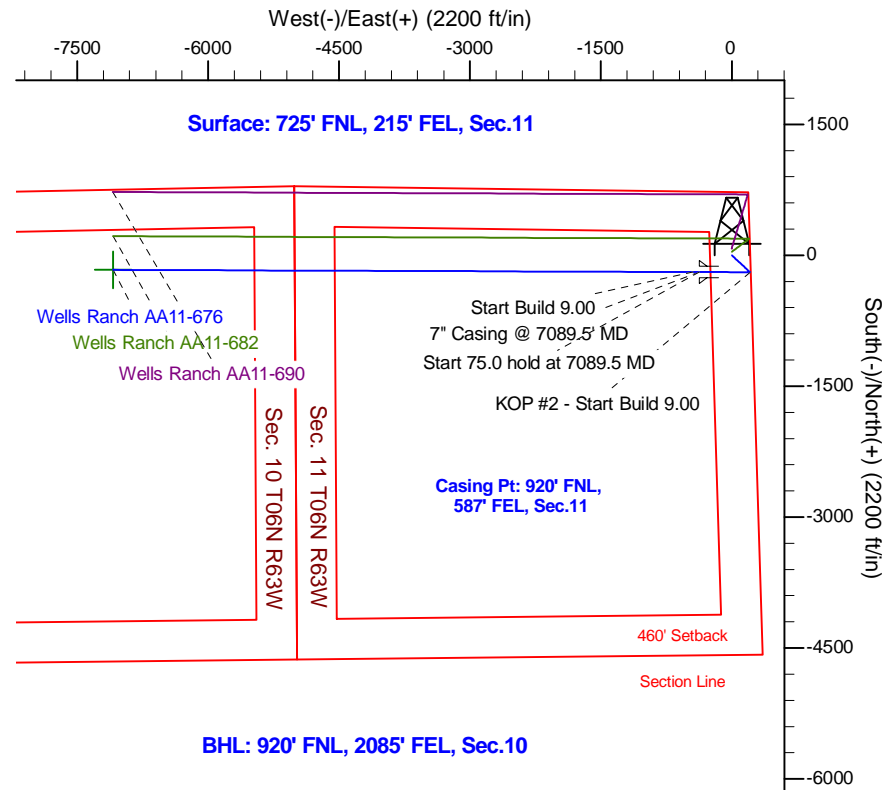
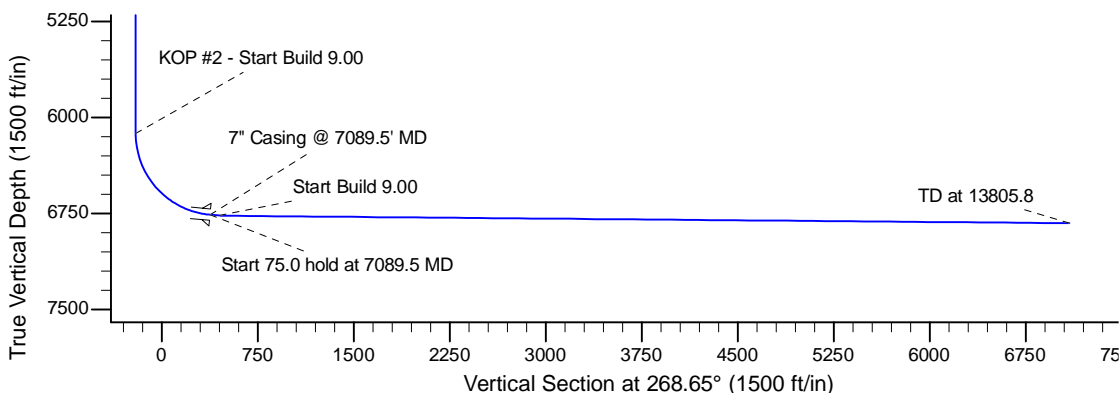
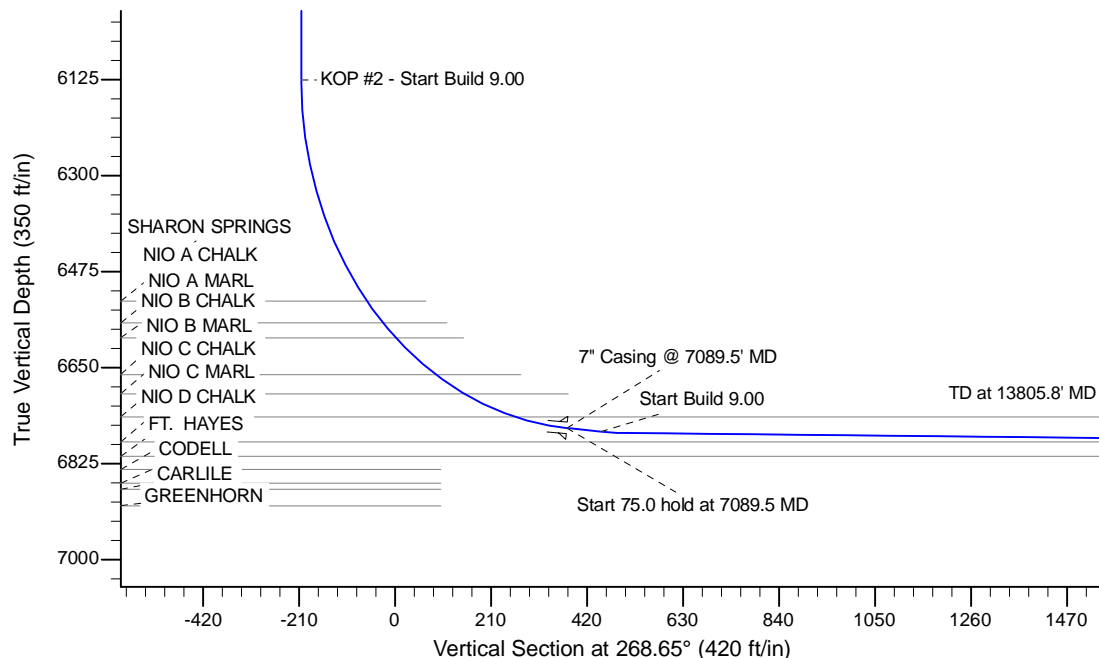
Project: Wattenberg Field  
 Site: AA (Sec.11-T06N-R63W) Weld County, CO  
 Well: Wells Ranch AA11-676  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2201.1	8.02	132.88	2199.8	-19.1	20.5	2.00	132.88	-20.1	
4	3852.6	8.02	132.88	3835.2	-175.9	189.5	0.00	0.00	-185.2	
5	4253.8	0.00	0.00	4235.0	-195.0	210.0	2.00	180.00	-205.3	
6	6145.0	0.00	0.00	6126.2	-195.0	210.0	0.00	0.00	-205.3	
7	7089.5	85.00	270.22	6760.4	-192.8	-371.1	9.00	270.22	375.6	
8	7164.5	85.00	270.22	6767.0	-192.5	-445.8	0.00	0.00	450.3	
9	7214.5	89.50	270.22	6769.4	-192.3	-495.8	9.00	0.00	500.2	
10	13805.8	89.50	270.22	6826.9	-167.4	-7086.8	0.00	0.00	7088.8	Wells Ranch AA11-676 BHL 920'FNL, 2085'FEL



WELL DETAILS: Wells Ranch AA11-676					
Ground Level: 4857.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1429239.15	3307182.29	40.506410	-104.395290
Plan: APD - Rev 0 (Wells Ranch AA11-676/Original Drilling)					
Created By: Shailey Jewell			Date: 8:10, November 11 2014		
OK to submit with 2A as per Noble Drilling					
11/11/2014 10:03					