

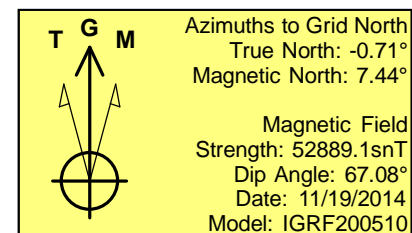
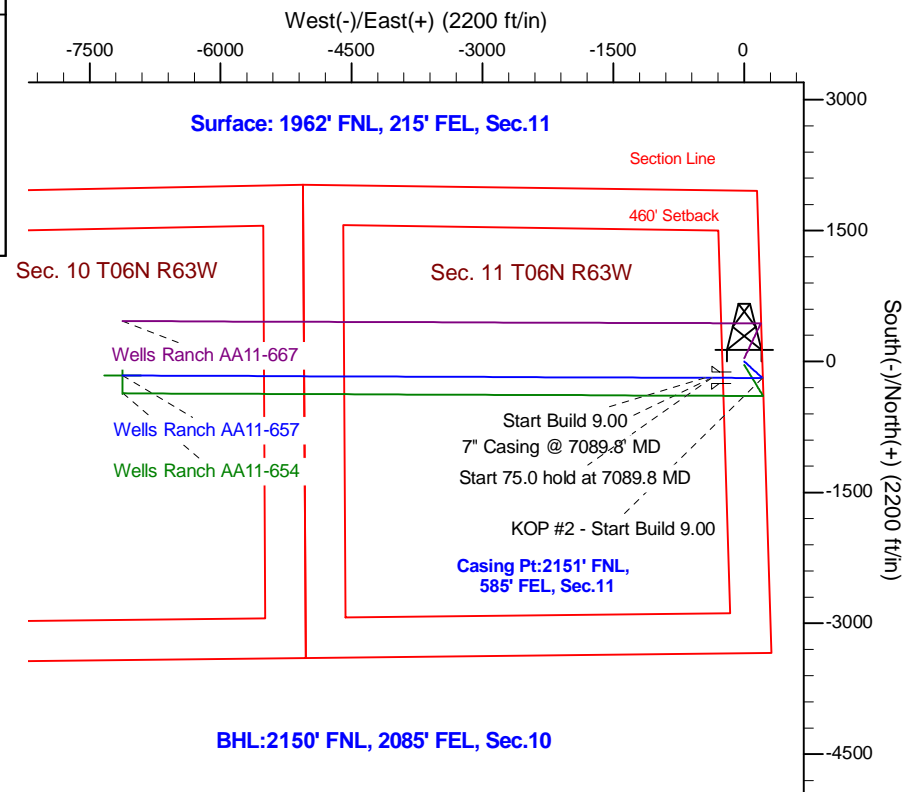
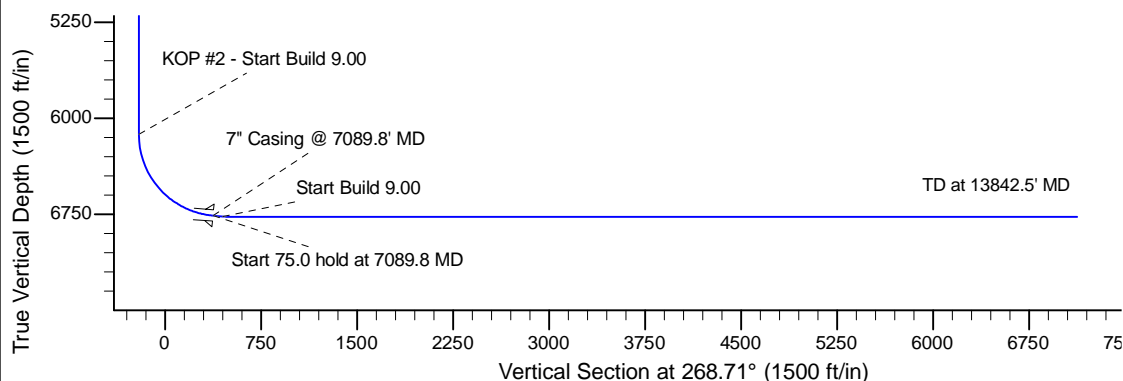
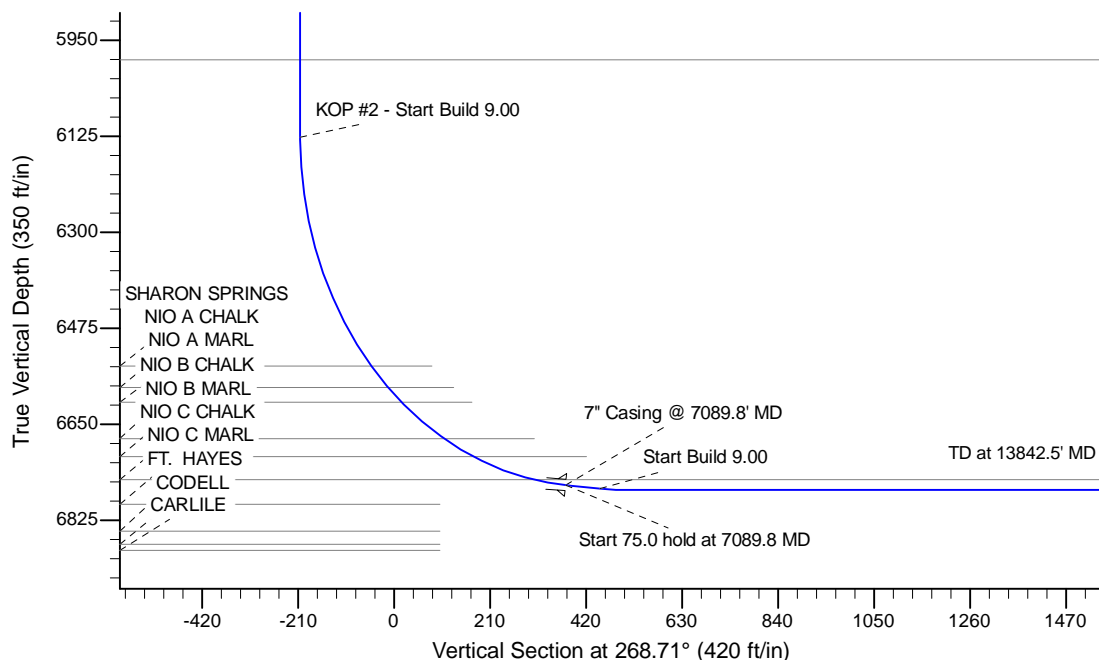
Project: Wattenberg Field
 Site: AA (Sec.11-T06N-R63W) Weld County, CO
 Well: Wells Ranch AA11-657
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	2201.4	8.03	132.14	2200.1	-18.8	20.8	2.00	132.14	-20.4	
4	3827.2	8.03	132.14	3809.9	-171.2	189.2	0.00	0.00	-185.3	
5	4228.6	0.00	0.00	4210.0	-190.0	210.0	2.00	180.00	-205.7	
6	6145.4	0.00	0.00	6126.8	-190.0	210.0	0.00	0.00	-205.7	
7	7089.8	85.00	270.23	6761.0	-187.7	-371.1	9.00	270.23	375.3	
8	7164.8	85.00	270.23	6767.6	-187.4	-445.8	0.00	0.00	450.0	
9	7220.4	90.00	270.23	6770.0	-187.1	-501.3	9.00	0.00	505.4	
10	13842.5	90.00	270.23	6770.0	-160.6	-7123.4	0.00	0.00	7125.2	Wells Ranch AA11-657 BHL 2150'FNL, 2085'FEL



WELL DETAILS: Wells Ranch AA11-657					
Ground Level: 4869.0					
0.0	0.0	Northing	Eastng	Latitude	Longitude
		1428004.56	3307222.70	40.503020	-104.395200
Plan: APD - Rev 0 (Wells Ranch AA11-657/Original Drilling)					
Created By: Shailey Jewell			Date: 8:51, November 19 2014		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		