

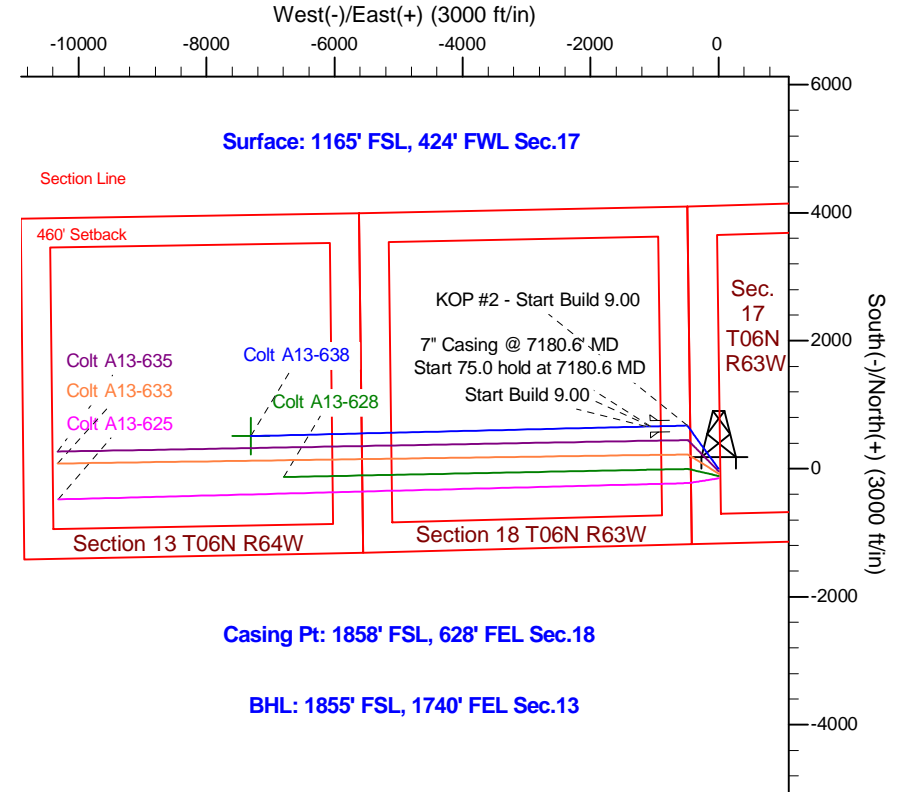
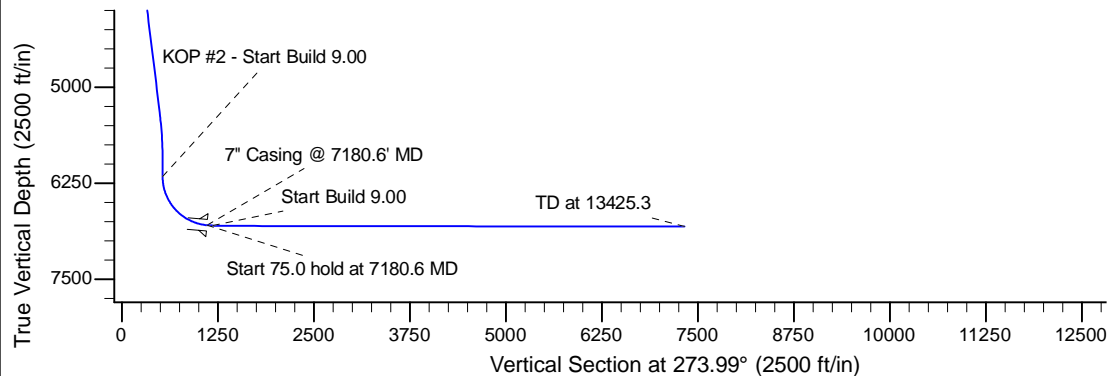
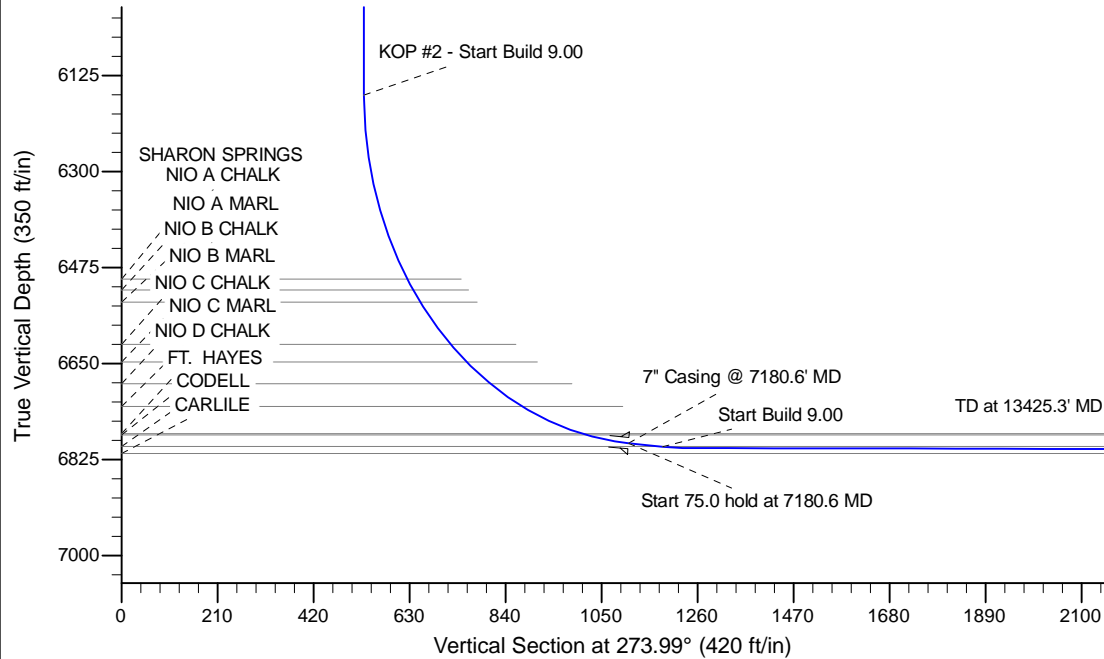
Project: Wattenberg Field  
Site: A (Sec.17-T06N-R63W) Weld County, CO  
Well: Colt A13-638  
Wellbore: Original Drilling  
Design: APD - Rev 2

# 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

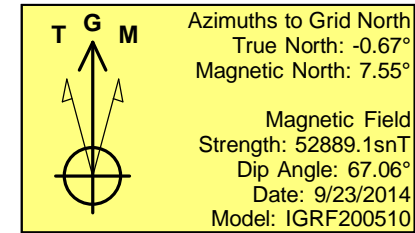
## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1538.5	10.77	324.30	1535.3	41.0	-29.4	2.00	324.30	32.2	
4	5446.7	10.77	324.30	5374.7	634.0	-455.6	0.00	0.00	498.6	
5	5985.2	0.00	0.00	5910.0	675.0	-485.0	2.00	180.00	530.8	
6	6236.1	0.00	0.00	6161.0	675.0	-485.0	0.00	0.00	530.8	
7	7180.6	85.00	268.61	6795.2	660.9	-1066.0	9.00	268.61	1109.4	
8	7255.6	85.00	268.61	6801.7	659.1	-1140.7	0.00	0.00	1183.8	
9	7310.0	89.90	268.61	6804.1	657.8	-1195.0	9.00	0.00	1237.9	
10	13425.3	89.90	268.61	6814.8	510.0	-7308.5	0.00	0.00	7326.3	Colt A13-638 BHL 1855'FSL, 1740'FEL



Casing Pt: 1858' FSL, 628' FEL Sec.18

BHL: 1855' FSL, 1740' FEL Sec.13



WELL DETAILS: Colt A13-638					
Ground Level: 4672.0					
0.0	0.0	Northing 1420268.46	Easting 3286844.08	Latitude 40.482460	Longitude -104.468800
Plan: APD - Rev 2 (Colt A13-638/Original Drilling)					
Created By: Shailey Jewell			Date: 13:29, February 10 2015		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		