

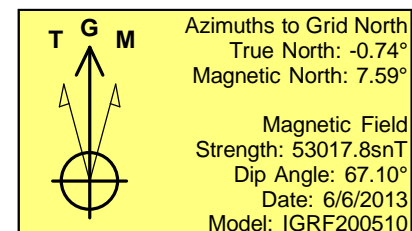
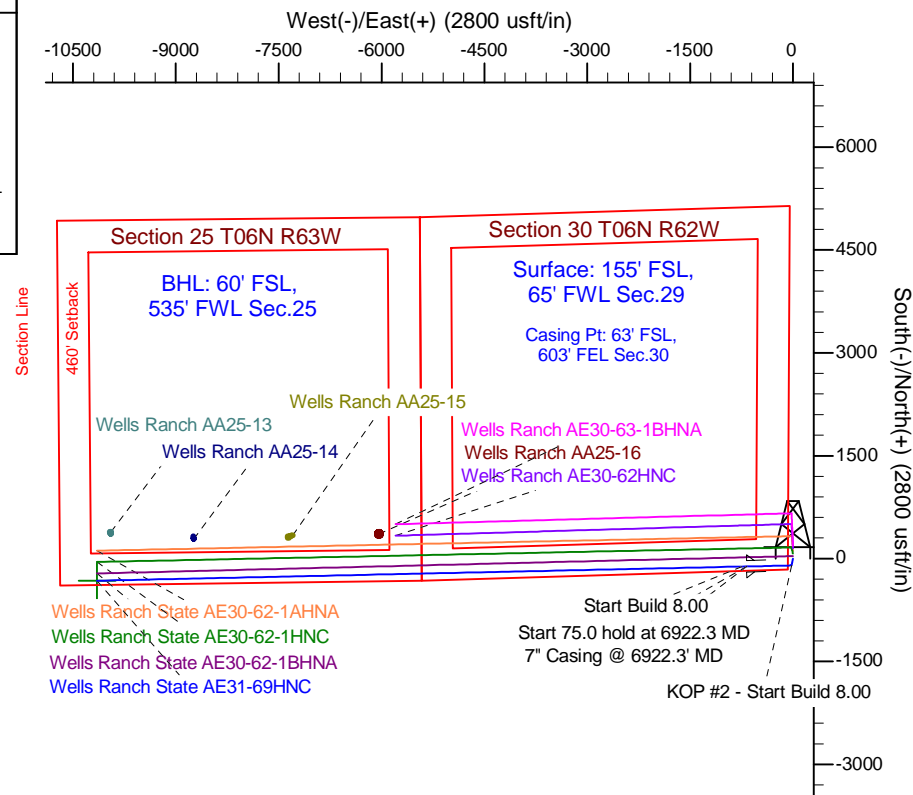
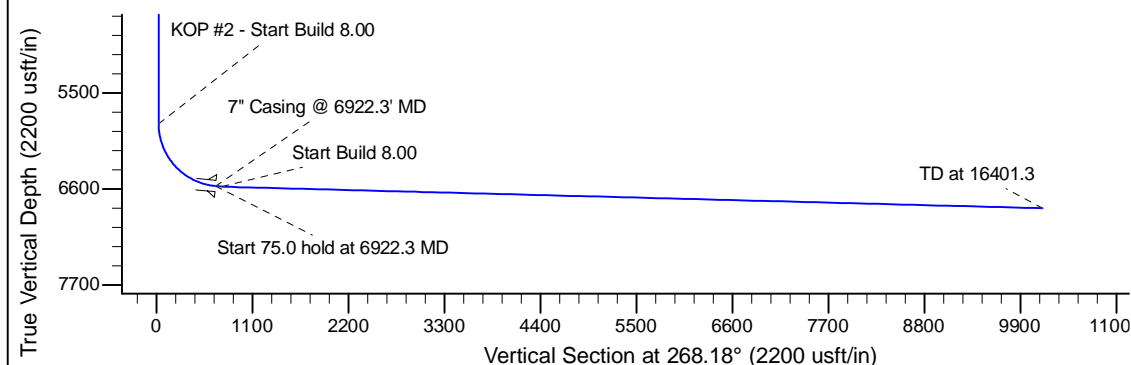
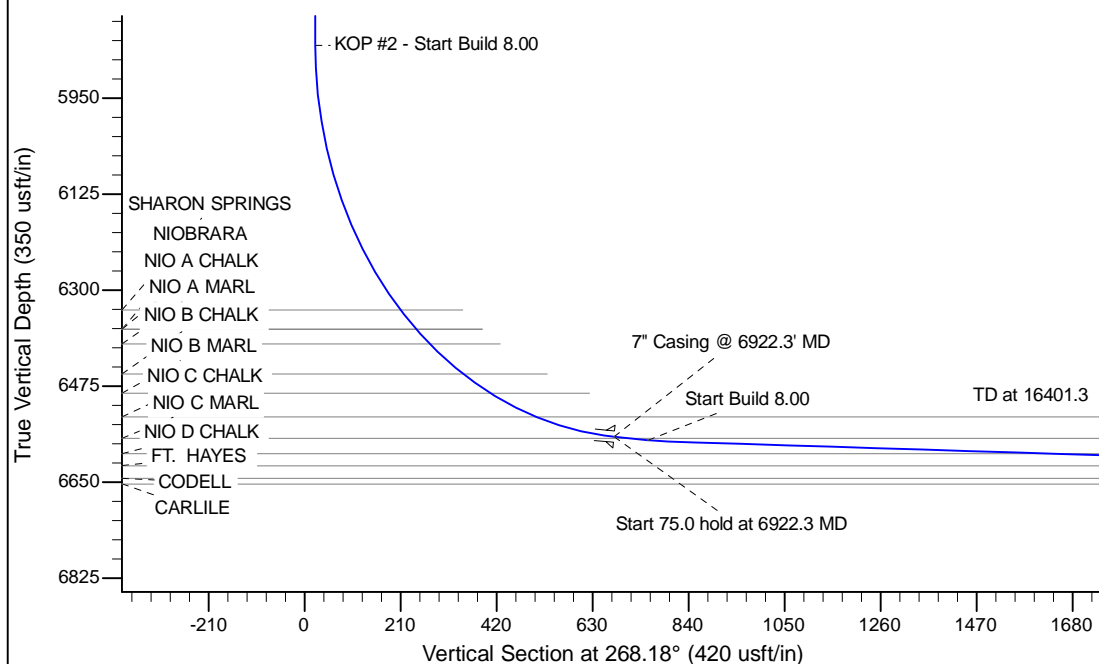
Project: Wattenberg Field
 Site: AE (Sec.29-T06N-R62W) Weld County, CO
 Well: Wells Ranch State AE31-69HNC
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	2321.0	10.42	191.31	2318.1	-46.3	-9.3	2.00	191.31	10.7	
4	2362.4	10.42	191.31	2358.9	-53.7	-10.7	0.00	0.00	12.4	
5	2883.4	0.00	0.00	2877.0	-100.0	-20.0	2.00	180.00	23.2	
6	5859.8	0.00	0.00	5853.4	-100.0	-20.0	0.00	0.00	23.2	
7	6922.3	85.00	268.74	6566.9	-114.3	-673.6	8.00	268.74	676.9	
8	6997.3	85.00	268.74	6573.4	-116.0	-748.3	0.00	0.00	751.6	
9	7041.1	88.50	268.74	6575.9	-116.9	-792.0	8.00	0.00	795.3	
10	16401.3	88.50	268.74	6820.9	-321.9	-10146.8	0.00	0.00	10151.9	Wells Ranch State AE31-69HNC BHL 60'FSL, 535'FWL



WELL DETAILS: Wells Ranch State AE31-69HNC				
Ground Level: 4745.0				
0.0	0.0	Northing	Easting	Latitude
		1409134.00	3318290.16	40.450840
				Longitude
				-104.356280
Plan: APD - Rev 0 (Wells Ranch State AE31-69HNC/Original Drilling)				
Created By: Shailey Jewell		Date: 8:14, September 13 2013		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		