

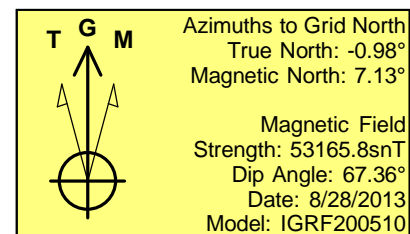
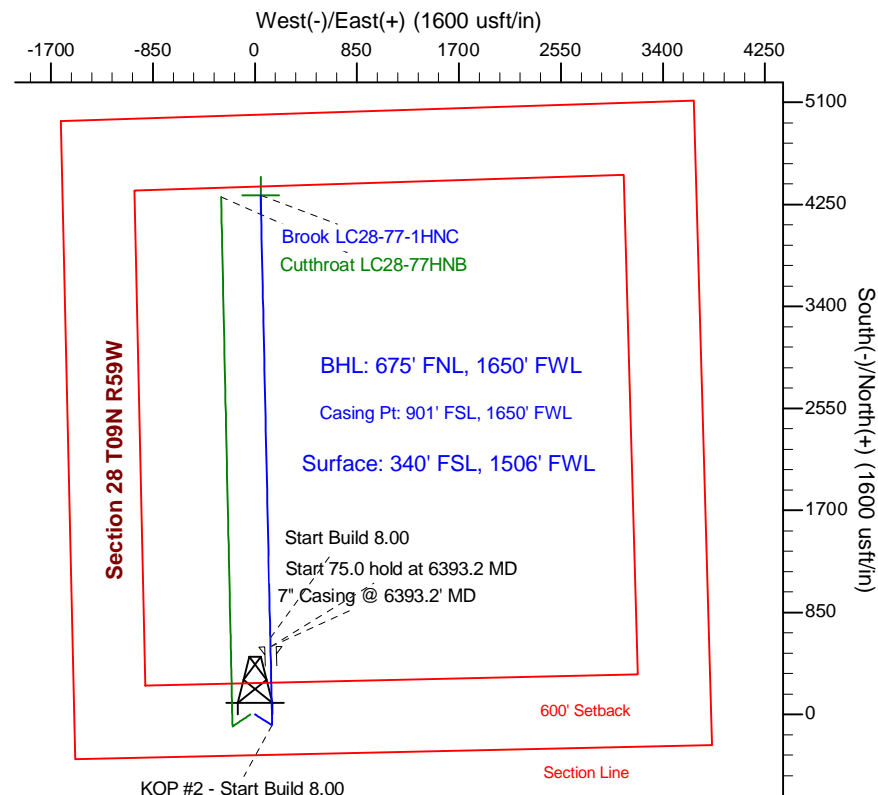
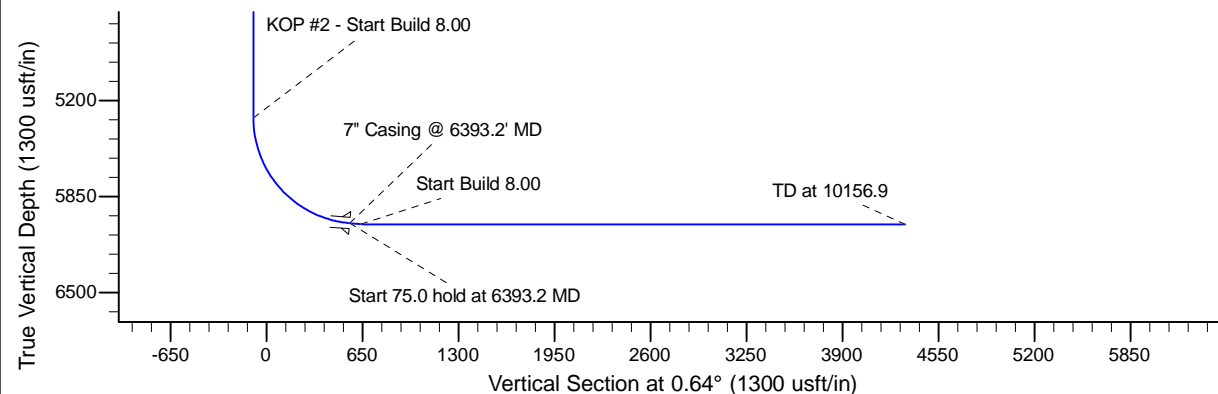
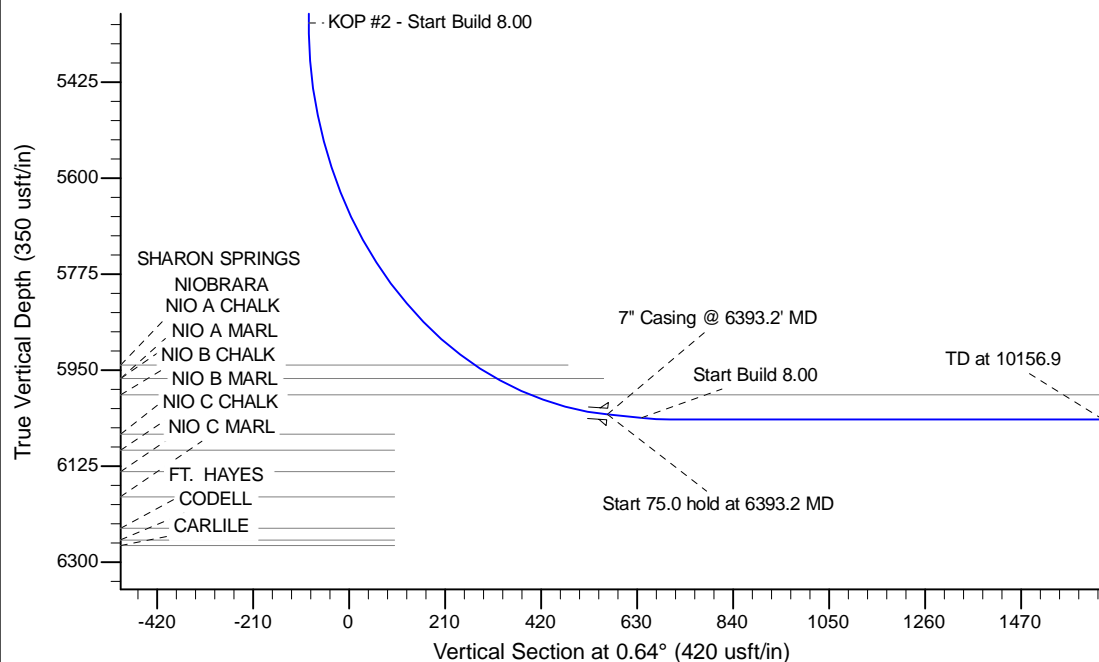
Project: Wattenberg Field
Site: LC (Sec.28-T09N-R59W) Weld County, CO
Well: Brook LC28-77-1HNC
Wellbore: Original Drilling
Design: APD - Rev 1

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	Vsect	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	2103.1	12.06	122.01	2098.7	-33.5	53.6	2.00	122.01	-32.9	
4	2310.3	12.06	122.01	2301.3	-56.5	90.4	0.00	0.00	-55.5	
5	2913.5	0.00	0.00	2900.0	-90.0	144.0	2.00	180.00	-88.4	
6	5330.7	0.00	0.00	5317.3	-90.0	144.0	0.00	0.00	-88.4	
7	6393.2	85.00	358.76	6030.7	563.6	129.8	8.00	358.76	565.0	
8	6468.2	85.00	358.76	6037.3	638.3	128.2	0.00	0.00	639.7	
9	6530.7	90.00	358.76	6040.0	700.7	126.8	8.00	0.00	702.1	
10	10156.9	90.00	358.76	6040.0	4326.1	48.2	0.00	0.00	4326.3	Brook LC28-77-1HNC BHL 675'FNL, 1650'FWL



WELL DETAILS: Brook LC28-77-1HNC

Ground Level: 4853.0			
0.0	0.0	1506893.11	3419418.93
Northing	Easting	Latitude	Longitude

Plan: APD - Rev 1 (Brook LC28-77-1HNC/Original Drilling)

Created By: Shailey Jewell Date: 14:22, November 05 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____