

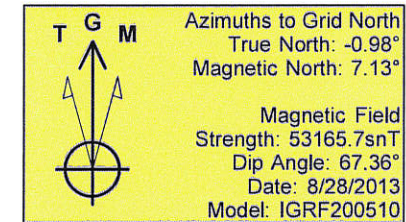
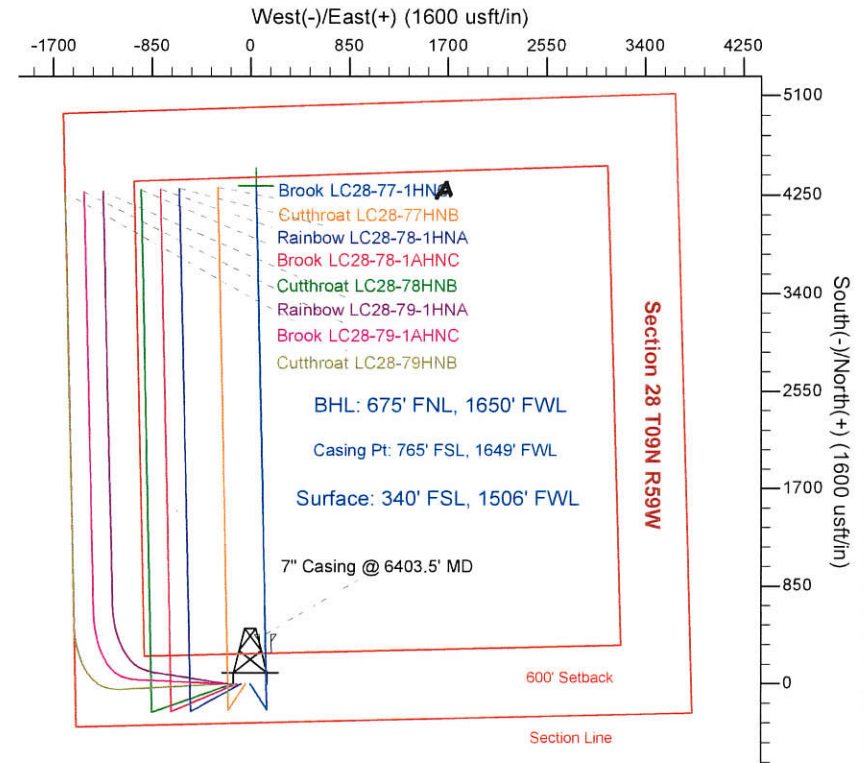
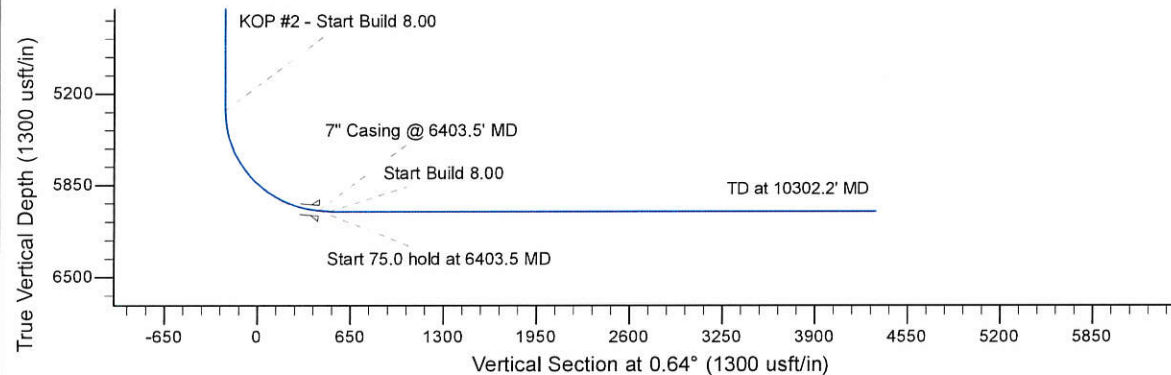
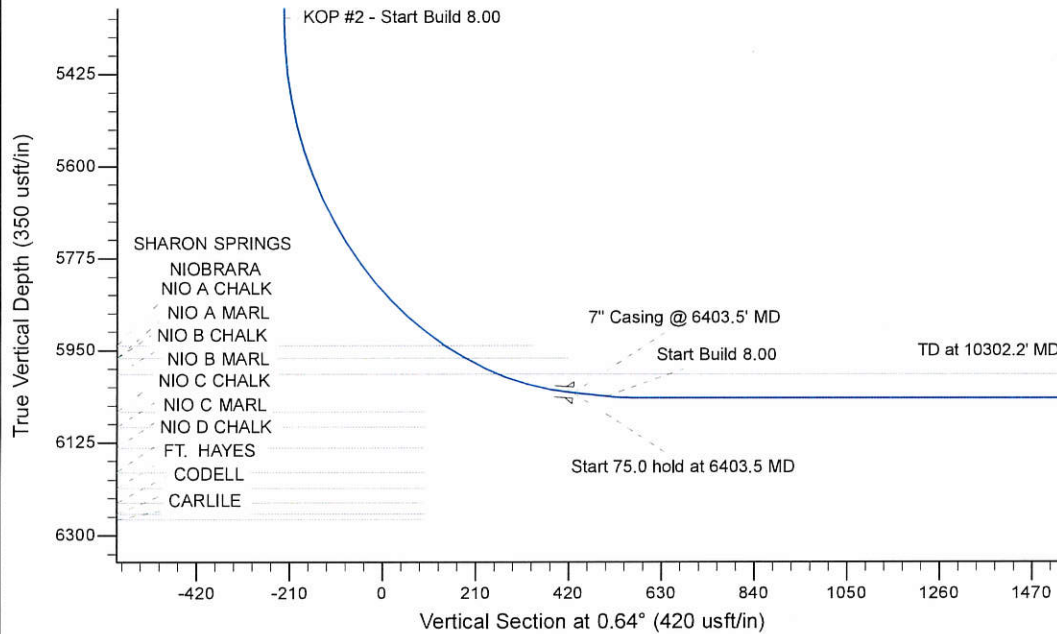
Project: Wattenberg Field
 Site: LC (Sec.28-T09N-R59W) Weld County, CO
 Well: Brook LC28-77-1HNA
 Wellbore: Original Drilling
 Design: APD - Rev 2

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	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	2403.5	12.07	147.38	2399.1	-53.3	34.1	2.00	147.38	-53.0	
4	3075.3	12.07	147.38	3055.9	-171.7	109.9	0.00	0.00	-170.4	
5	3678.8	0.00	0.00	3655.0	-225.0	144.0	2.00	180.00	-223.4	
6	5341.0	0.00	0.00	5317.3	-225.0	144.0	0.00	0.00	-223.4	
7	6403.5	85.00	358.79	6030.7	428.6	130.2	8.00	358.79	430.1	
8	6478.5	85.00	358.79	6037.3	503.3	128.7	0.00	0.00	504.7	
9	6541.0	90.00	358.79	6040.0	565.7	127.3	8.00	0.00	567.1	
10	10302.2	90.00	358.79	6040.0	4326.1	48.2	0.00	0.00	4326.3	Brook LC28-77-1HNA BHL 675'FNL, 1650'FWL



WELL DETAILS: Brook LC28-77-1HNA

	Ground Level: 4853.0		
0.0	0.0	1506893.11	3419418.93
		40.714990	-103.986960

Plan: APD - Rev 2 (Brook LC28-77-1HNA Original Drilling)

Created By: Shailey Jewell Date: 13:35, February 03 2014
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____