

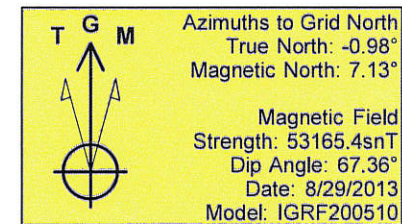
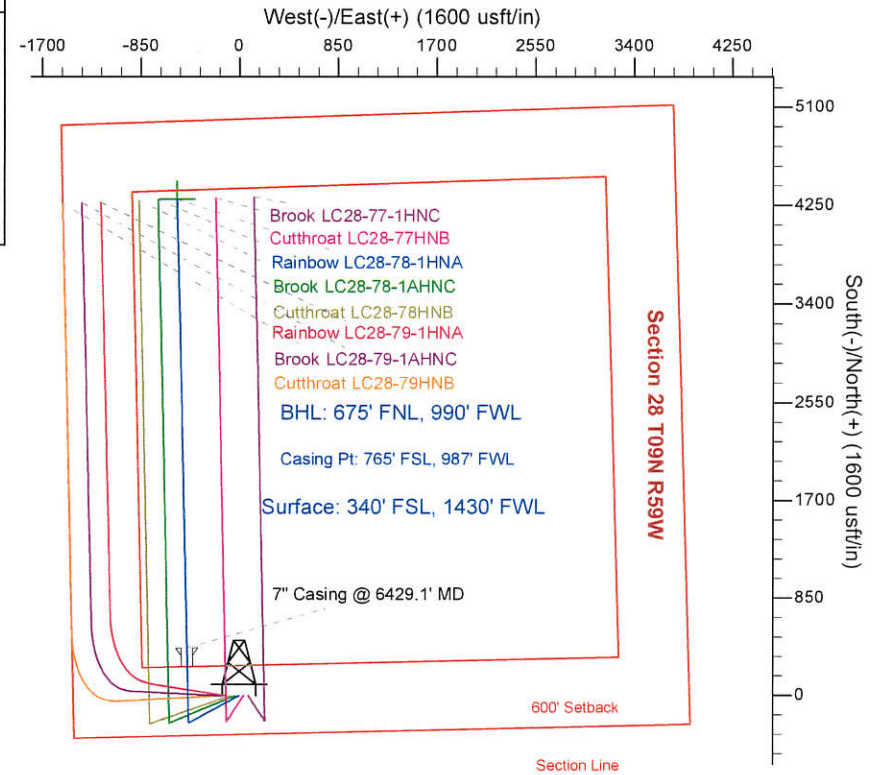
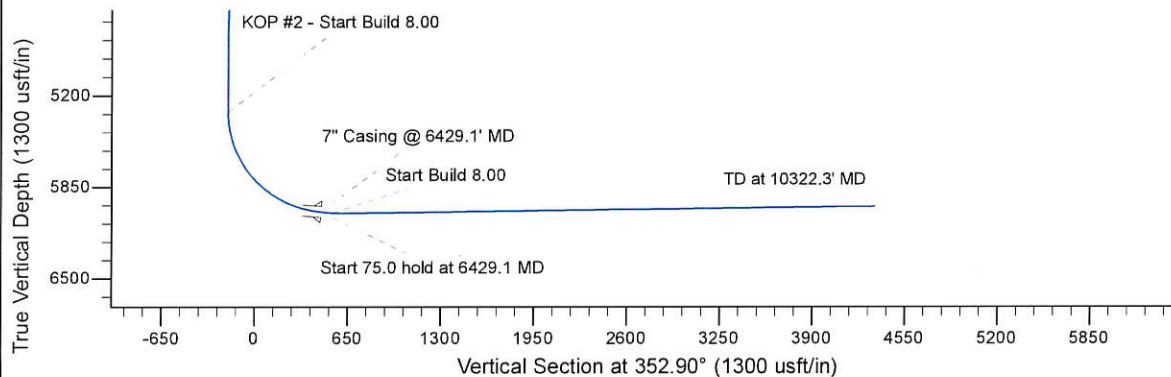
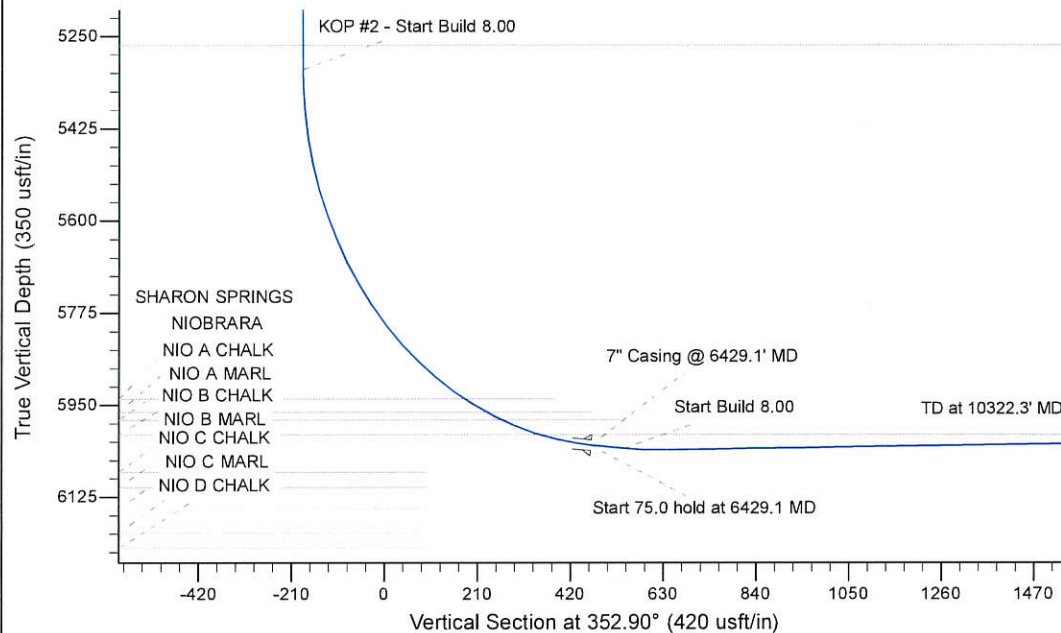
Project: Wattenberg Field  
 Site: LC (Sec.28-T09N-R59W) Weld County, CO  
 Well: Rainbow LC28-78-1HNA  
 Wellbore: Original Drilling  
 Design: APD - Rev 2

# 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	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2900.6	14.01	241.11	2893.6	-41.2	-74.6	2.00	241.11	-31.6	
4	4248.5	14.01	241.11	4201.4	-198.8	-360.4	0.00	0.00	-152.7	
5	4949.0	0.00	0.00	4895.0	-240.0	-435.0	2.00	180.00	-184.4	
6	5366.6	0.00	0.00	5312.6	-240.0	-435.0	0.00	0.00	-184.4	
7	6429.1	85.00	358.72	6026.1	413.6	-449.6	8.00	358.72	466.0	
8	6504.1	85.00	358.72	6032.6	488.3	-451.2	0.00	0.00	540.4	
9	6575.4	90.70	358.72	6035.3	559.5	-452.8	8.00	0.00	611.2	
10	10322.3	90.70	358.72	5989.5	4305.2	-536.4	0.00	0.00	4338.5	Rainbow LC28-78-1HNA BHL 675'FNL, 990'FWL



## WELL DETAILS: Rainbow LC28-78-1HNA

		Ground Level: 4853.0		
0.0	0.0	1506891.78	3419341.32	-103.987240

## Plan: APD - Rev 2 (Rainbow LC28-78-1HNA/Original Drilling)

Created By: Shailey Jewell	Date: 13:22, January 30 2014
Checked: _____	Date: _____
Reviewed: _____	Date: _____
Approved: _____	Date: _____