

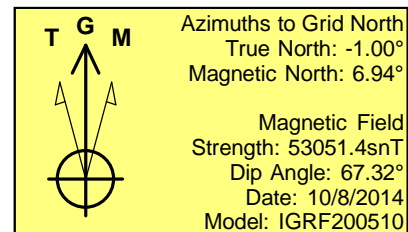
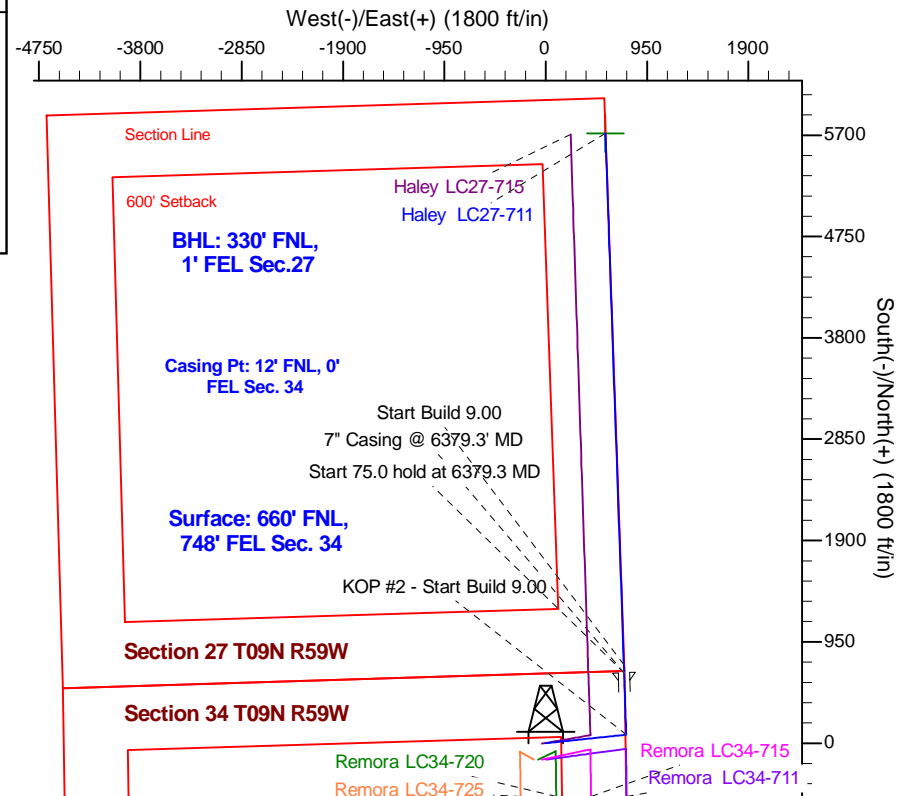
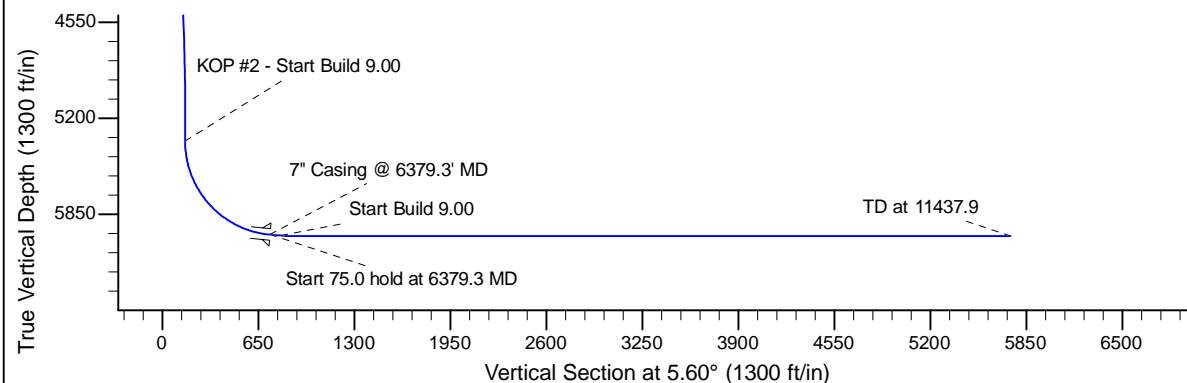
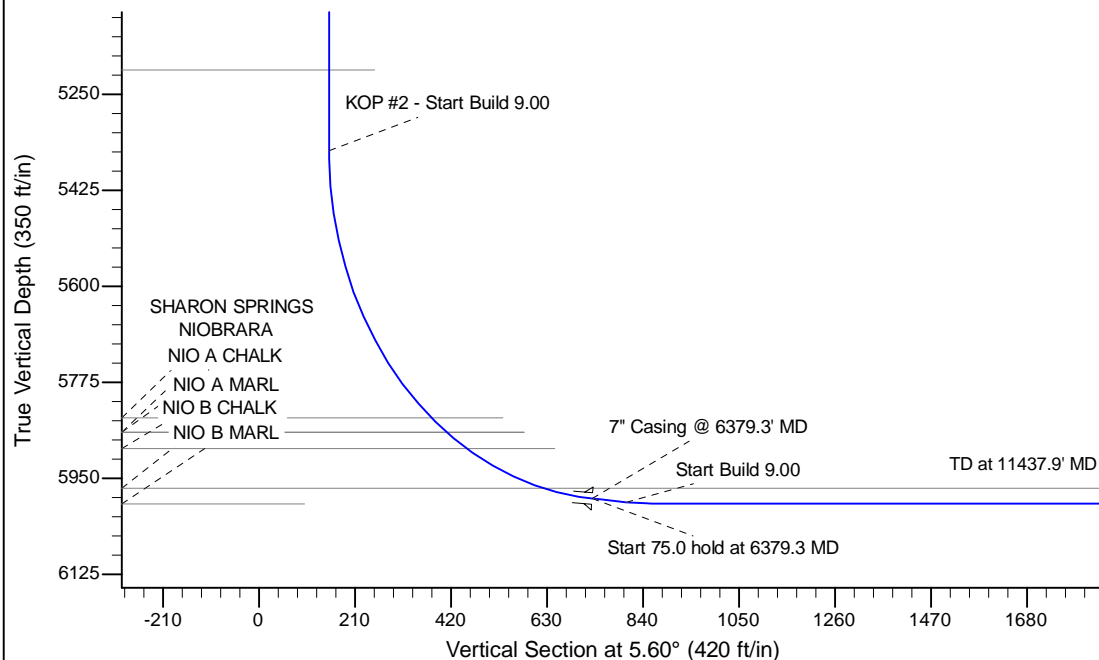
Project: Wattenberg Field  
Site: LC (Sec.34-T09N-R59W) Weld County, CO  
Well: Haley LC27-711  
Wellbore: Original Drilling  
Design: APD - Rev 1

# 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	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1860.0	13.20	83.95	1854.2	8.0	75.3	2.00	83.95	15.3	
4	4522.0	13.20	83.95	4445.8	72.0	679.7	0.00	0.00	138.0	
5	5182.0	0.00	0.00	5100.0	80.0	755.0	2.00	180.00	153.3	
6	5434.8	0.00	0.00	5352.8	80.0	755.0	0.00	0.00	153.3	
7	6379.3	85.00	358.02	5987.0	660.8	734.9	9.00	358.02	729.3	
8	6454.3	85.00	358.02	5993.6	735.5	732.4	0.00	0.00	803.4	
9	6509.8	90.00	358.02	5996.0	790.9	730.4	9.00	0.00	858.4	
10	11437.9	90.00	358.02	5996.0	5716.1	560.3	0.00	0.00	5743.5	Haley LC27-711 BHL 330'FNL, 1'FEL



## WELL DETAILS: Haley LC27-711

		Ground Level: 4814.0	
0.0	0.0	Northing	Easting
1506122.19	3427755.64	Latitude	Longitude
40.712480	-103.956940		

## Plan: APD - Rev 1 (Haley LC27-711/Original Drilling)

Created By: Shailey Jewell	Date: 10:12, November 12 2014
Checked: _____	Date: _____
Reviewed: _____	Date: _____
Approved: _____	Date: _____