

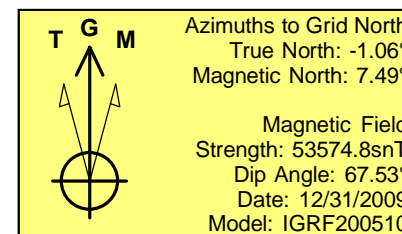
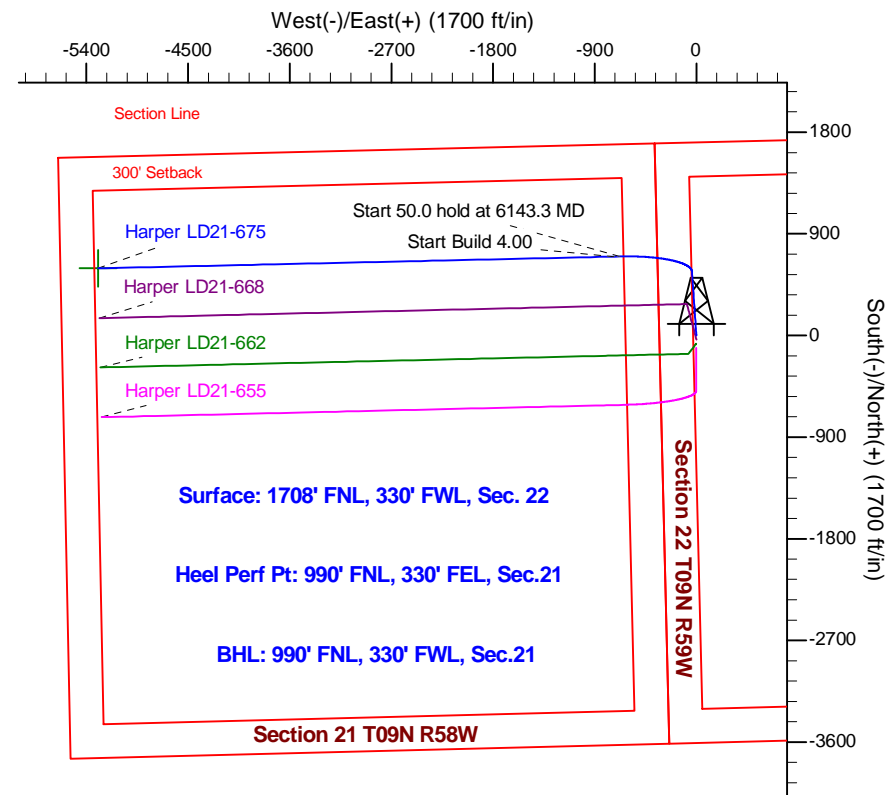
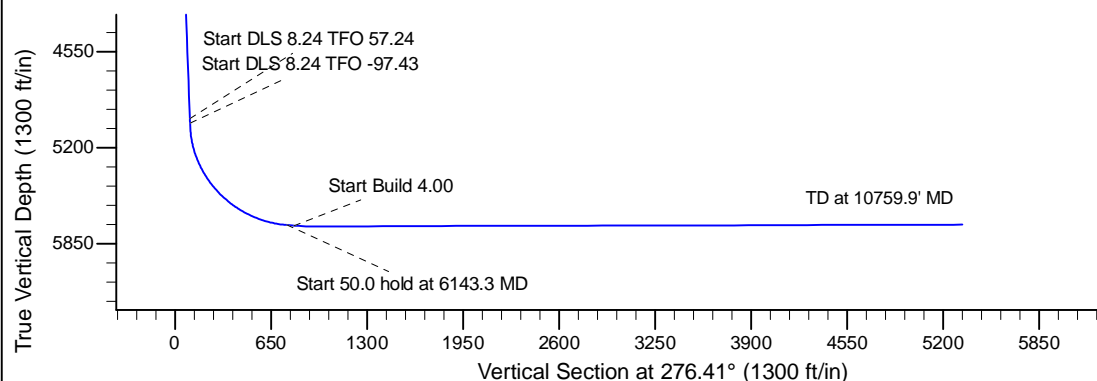
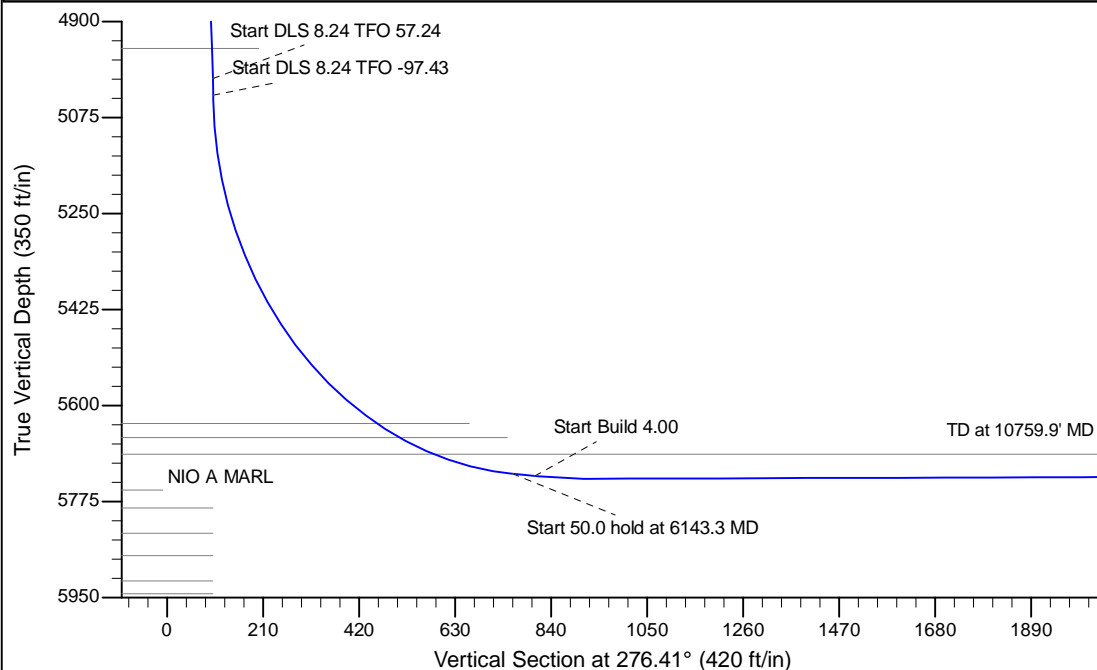
Project: Wattenberg Field
 Site: LD (Sec.20-T09N-R58W) Weld County, CO
 Well: Harper LD21-675
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	2100.0	0.00	0.00	2100.0	0.0	0.0	0.00	0.00	0.0	
3	2700.0	12.00	356.00	2695.6	62.5	-4.4	2.00	356.00	11.3	
4	5055.9	12.00	356.00	5000.0	551.1	-38.5	0.00	0.00	99.8	
5	5089.6	13.90	5.16	5032.8	558.6	-38.4	8.28	51.76	100.5	
6	6136.9	85.00	268.69	5724.0	700.0	-675.0	8.28	-97.47	748.9	
7	6186.9	85.00	268.69	5728.4	698.9	-724.8	0.00	0.00	798.3	
8	6315.6	90.15	268.69	5733.8	695.9	-853.4	4.00	0.00	925.7	
9	10759.9	90.15	268.70	5722.1	594.9	-5296.4	0.00	82.84	5329.7	Harper LD21-675 BHL 990'FNL, 330'FWL



WELL DETAILS: Harper LD21-675					
Ground Level: 4776.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1516400.80	3454901.77	40.739350	-103.858350
Plan: APD - Rev 0 (Harper LD21-675/Original Drilling)					
Created By: Shailey Jewell			Date: 16:15, March 15 2016		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		