

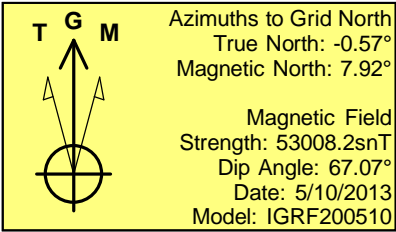
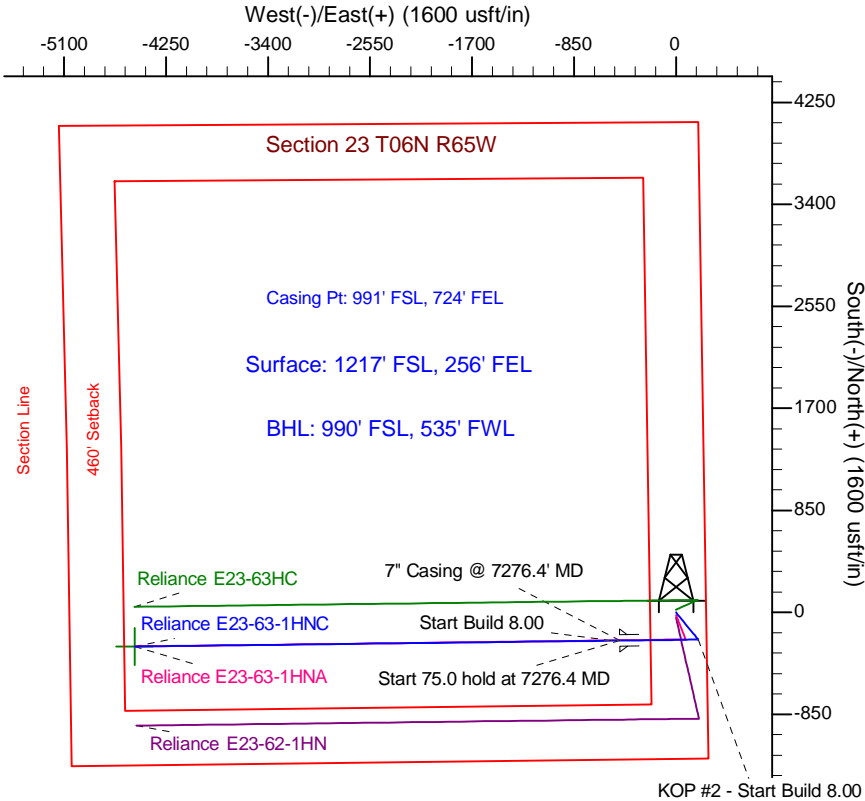
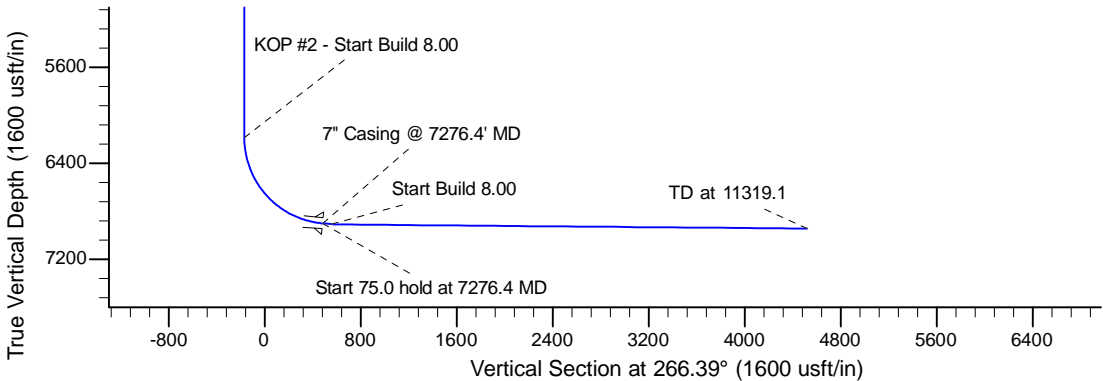
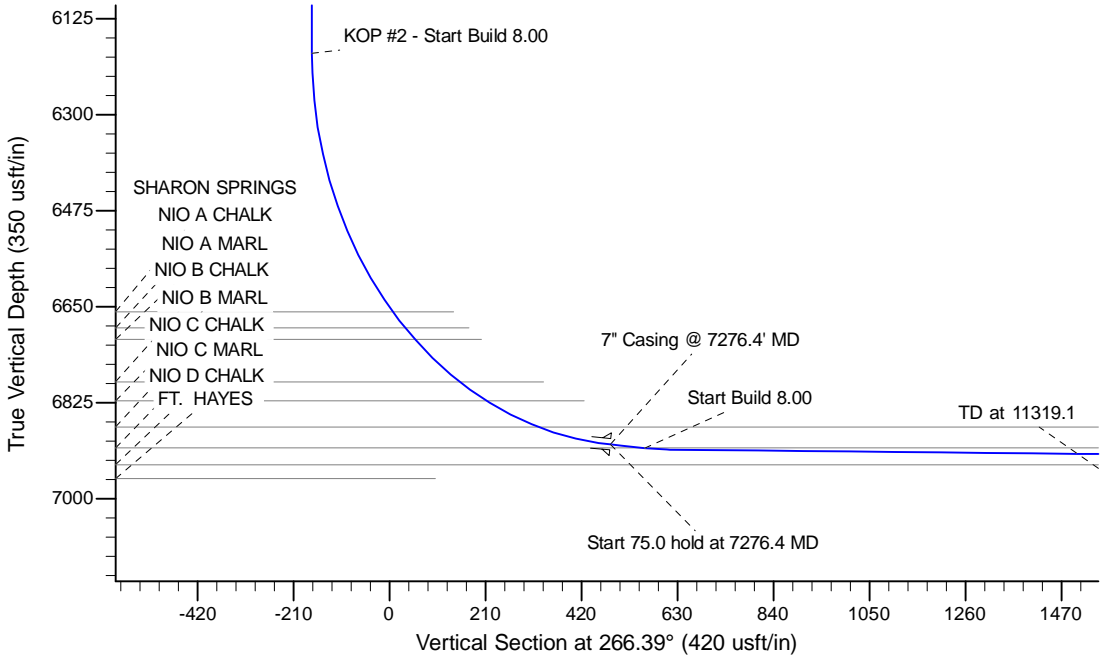
Project: Wattenberg Field  
Site: E (Sec.23-T06N-R65W) Weld County, CO  
Well: Reliance E23-63-1HNC  
Wellbore: Original Drilling  
Design: APD - Rev 0

# Northern Region Drilling

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	1799.9	12.00	140.82	1795.5	-48.5	39.5	2.00	140.82	-36.4	
4	2606.4	12.00	140.82	2584.5	-178.5	145.5	0.00	0.00	-133.9	
5	3206.4	0.00	0.00	3180.0	-227.0	185.0	2.00	180.00	-170.3	
6	6213.9	0.00	0.00	6187.6	-227.0	185.0	0.00	0.00	-170.3	
7	7276.4	85.00	269.30	6901.0	-235.0	-468.7	8.00	269.30	482.6	
8	7351.4	85.00	269.30	6907.6	-236.0	-543.4	0.00	0.00	557.2	
9	7407.7	89.50	269.30	6910.3	-236.6	-599.6	8.00	0.00	613.3	
10	11319.1	89.50	269.30	6944.4	-284.7	-4510.5	0.00	0.00	4519.5	Reliance E23-63-1HNC BHL 990'FSL, 535'FWL



WELL DETAILS: Reliance E23-63-1HNC				
Ground Level: 4694.0				
0.0	0.0	Northing 1414378.90	Easting 3244354.00	Latitude 40.467550 Longitude -104.621750
Plan: APD - Rev 0 (Reliance E23-63-1HNC/Original Drilling)				
Created By: Shailey Jewell		Date: 14:06, May 10 2013		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		