

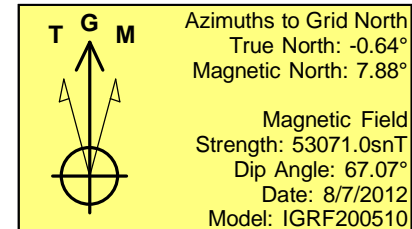
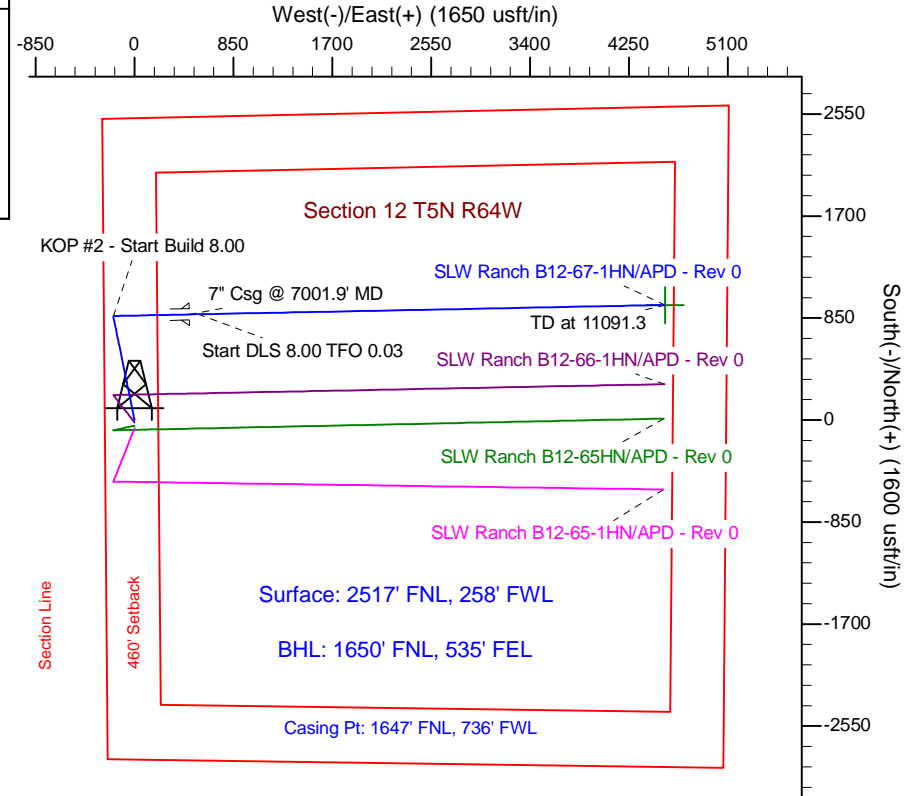
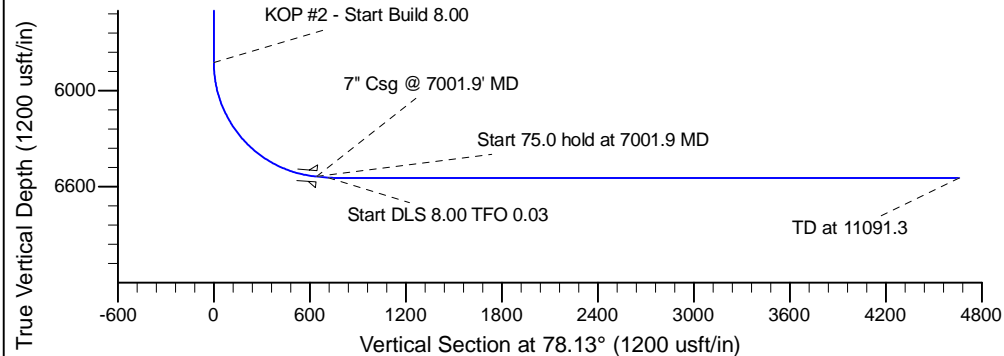
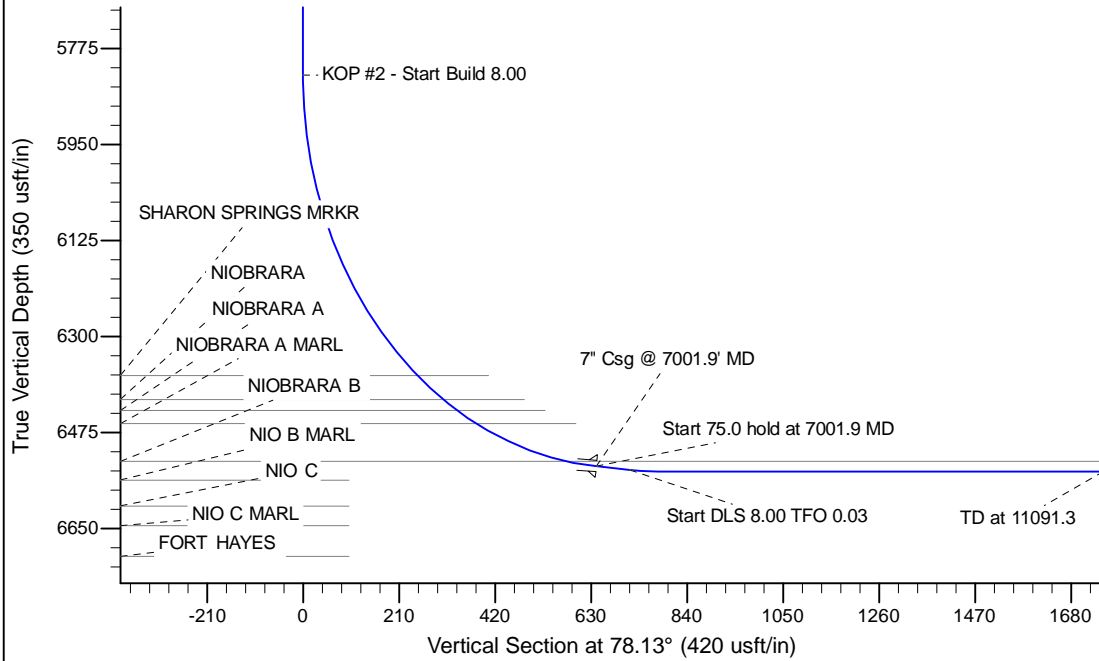
Project: Wattenberg Field
Site: B (Sec.12-T05N-R64W) Weld County, CO
Well: SLW Ranch B12-67-1HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	Vsect	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	1839.9	16.00	348.08	1831.6	86.8	-18.3	2.50	348.08	-0.1	
4	4411.3	16.00	348.08	4303.4	780.2	-164.7	0.00	0.00	-0.6	
5	5051.1	0.00	0.00	4935.0	867.0	-183.0	2.50	180.00	-0.7	
6	5939.4	0.00	0.00	5823.3	867.0	-183.0	0.00	0.00	-0.7	
7	7001.9	85.00	88.89	6536.7	879.7	470.7	8.00	88.89	641.6	
8	7076.9	85.00	88.89	6543.3	881.1	545.4	0.00	0.00	715.0	
9	7139.4	90.00	88.89	6546.0	882.3	607.8	8.00	0.03	776.3	
10	11091.3	90.00	88.89	6546.0	958.7	4559.0	0.00	0.00	4658.7	SLW Ranch B12-67-1HN BHL 1650'FNL, 535'FEL



WELL DETAILS: SLW Ranch B12-67-1HN			
Ground Level: 4603.0		Latitude	
Northing	Easting	Longitude	
1395302.82	3276443.93	40.414260	-104.507190
Plan: APD - Rev 0 (SLW Ranch B12-67-1HN/Original Drilling)			
Created By: Carrie Willers		Date: 17:52, August 29 2012	
Checked: _____		Date: _____	
Reviewed: _____		Date: _____	
Approved: _____		Date: _____	