

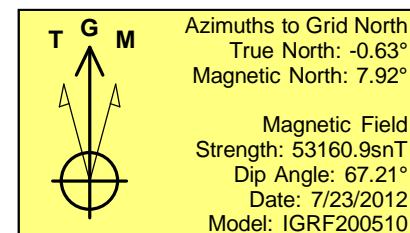
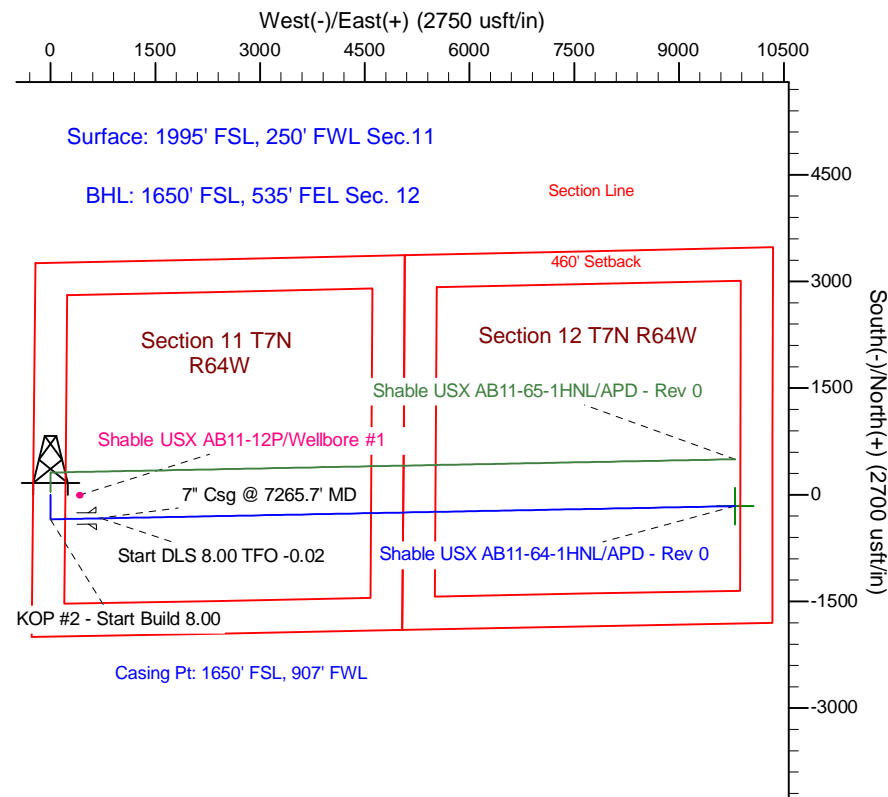
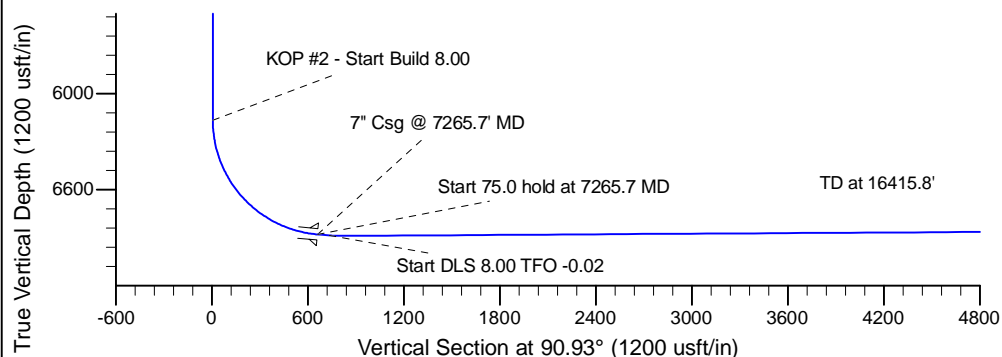
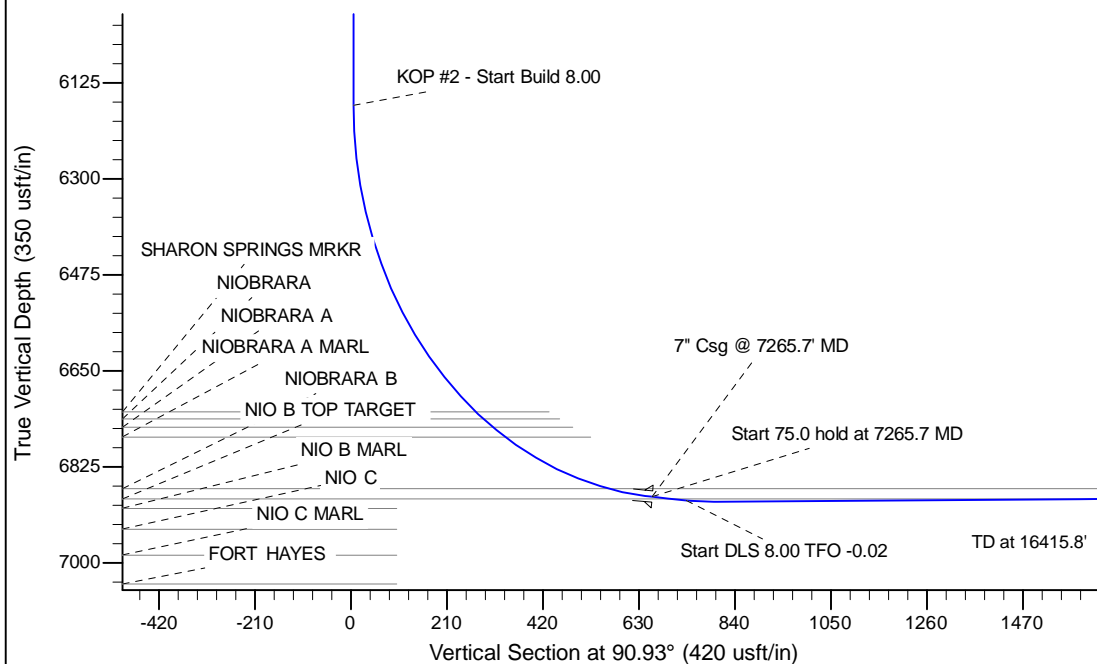
Project: Wattenberg Field  
Site: AB (Sec.11-T07N-R64W) Weld County, CO  
Well: Shable USX AB11-64-1HNL  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2561.0	14.02	180.00	2555.4	-68.3	0.0	2.50	180.00	1.1	
4	3420.8	14.02	180.00	3389.6	-276.7	0.0	0.00	0.00	4.5	
5	3981.8	0.00	0.00	3945.0	-345.0	0.0	2.50	180.00	5.6	
6	6203.2	0.00	0.00	6166.4	-345.0	0.0	0.00	0.00	5.6	
7	7265.7	85.00	88.92	6879.9	-332.7	653.7	8.00	88.92	659.0	
8	7340.7	85.00	88.92	6886.4	-331.3	728.4	0.00	0.00	733.7	
9	7407.6	90.35	88.92	6889.1	-330.0	795.1	8.00	-0.02	800.4	
10	16415.8	90.35	88.92	6834.1	-159.9	9801.6	0.00	0.00	9802.9	Shable USX AB11-64-1HNL BHL 1650'FSL, 535'FEL



WELL DETAILS: Shable USX AB11-64-1HNL			
Ground Level:	4823.0	Latitude	40.585920
Northing	1457780.44	Easting	3270772.42
		Longitude	-104.525090
Plan: APD - Rev 0 (Shable USX AB11-64-1HNL/Original Drilling)			
Created By: Carrie Willers	Date: 18:32, July 23 2012		
Checked: _____	Date: _____		
Reviewed: _____	Date: _____		
Approved: _____	Date: _____		