

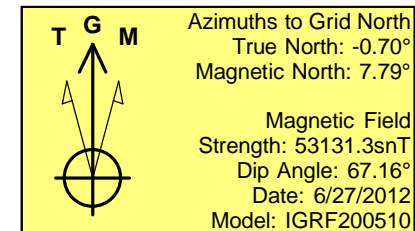
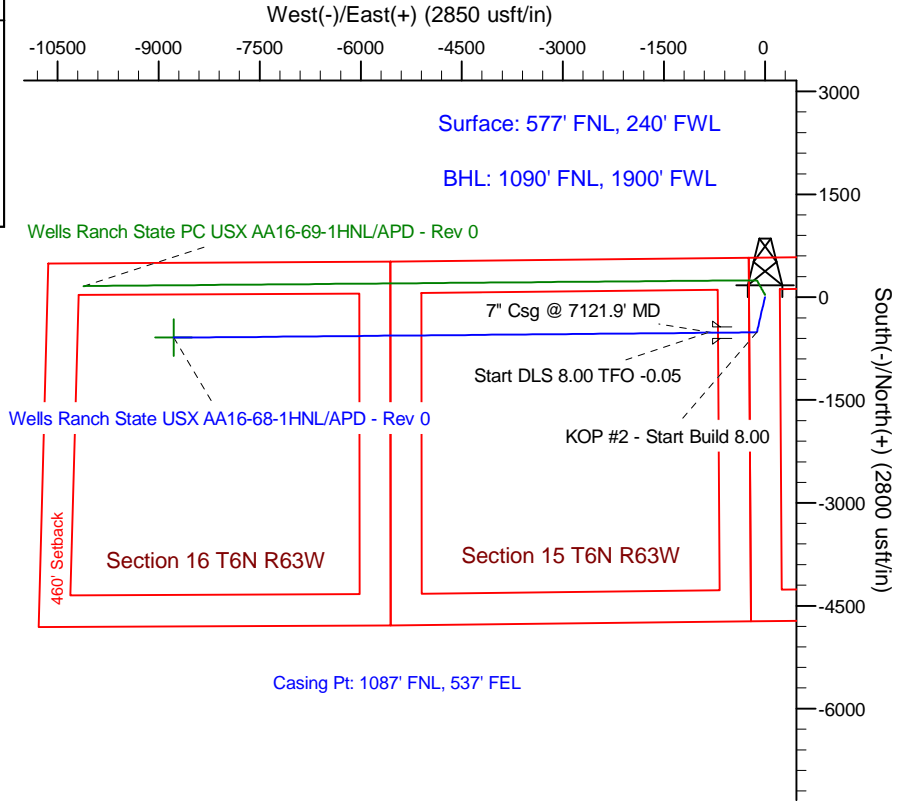
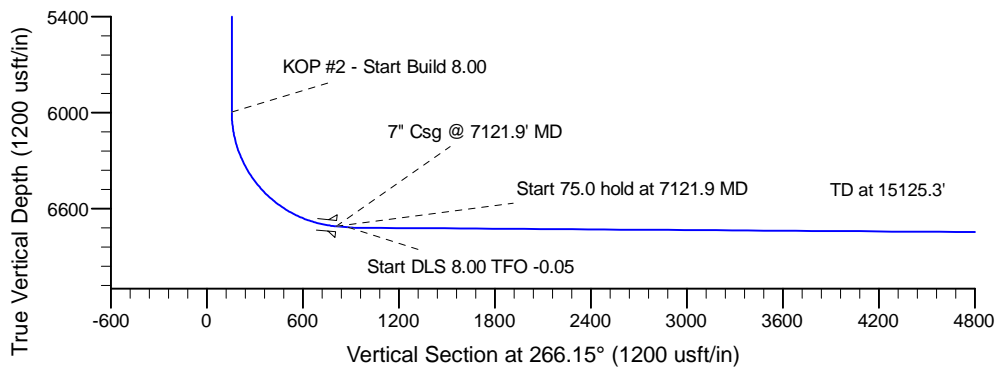
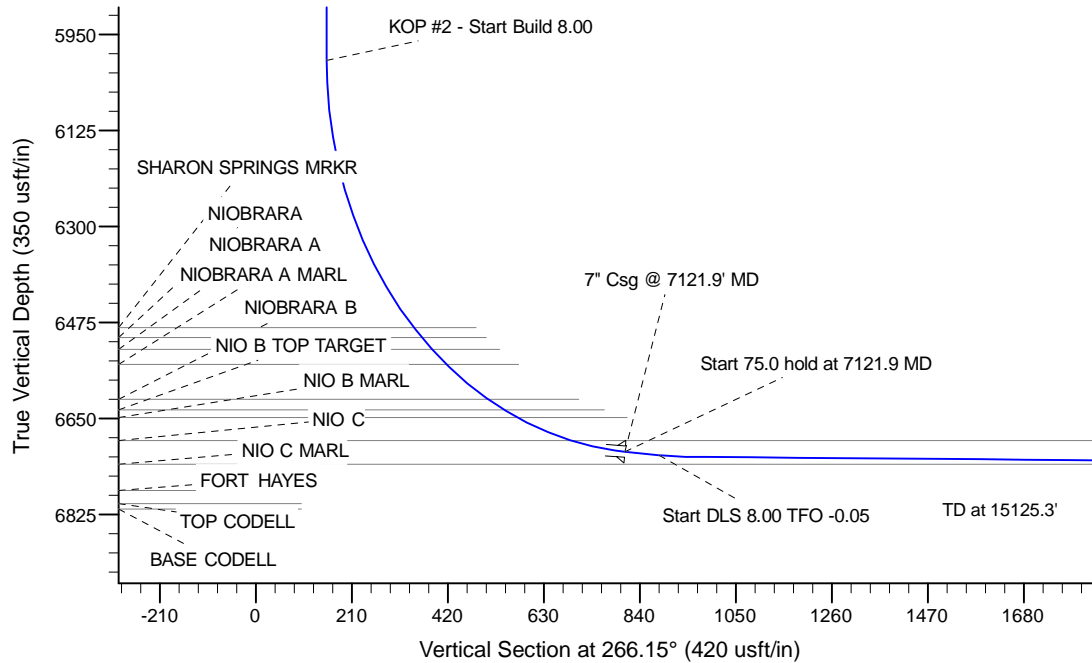
Project: Wattenberg Field  
Site: AA (Sec.14-T06N-R63W) Weld County, CO  
Well: Wells Ranch State USX AA16-68-1HNL  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2400.2	15.01	193.27	2393.4	-76.1	-17.9	2.50	193.27	23.0	
4	3832.3	15.01	193.27	3776.6	-436.9	-103.1	0.00	0.00	132.2	
5	4432.5	0.00	0.00	4370.0	-513.0	-121.0	2.50	180.00	155.2	
6	6059.4	0.00	0.00	5996.9	-513.0	-121.0	0.00	0.00	155.2	
7	7121.9	85.00	269.49	6710.4	-518.8	-774.8	8.00	269.49	807.8	
8	7196.9	85.00	269.49	6716.9	-519.5	-849.5	0.00	0.00	882.4	
9	7254.4	89.60	269.49	6719.6	-520.0	-906.9	8.00	-0.05	939.8	
10	15125.3	89.60	269.49	6774.4	-590.6	-8777.3	0.00	0.00	8797.1	AA16-68-1HNL BHL 1090'FNL, 1900'FWL



WELL DETAILS: Wells Ranch State USX AA16-68-1HNL

Ground Level: 4779.0		
Northing	Easting	Latitude
1424036.25	3302448.98	40.492290
		Longitude
		-104.412540

Plan: APD - Rev 0 (Wells Ranch State USX AA16-68-1HNL/Original Drilling)

Created By: Carrie Willers Date: 9:51, June 28 2012

Checked: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_

Approved: \_\_\_\_\_ Date: \_\_\_\_\_