

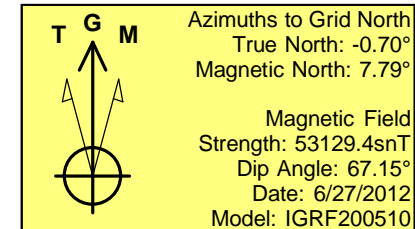
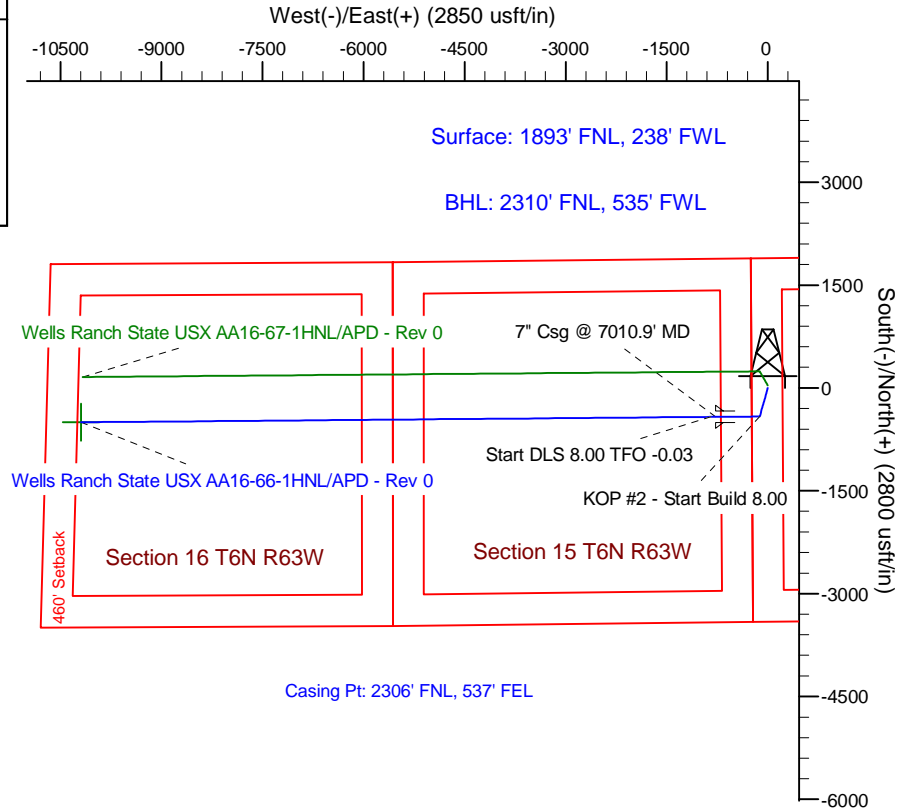
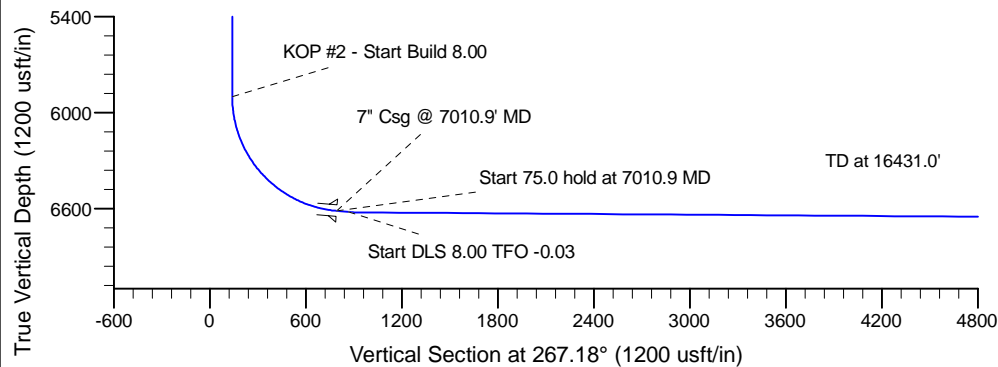
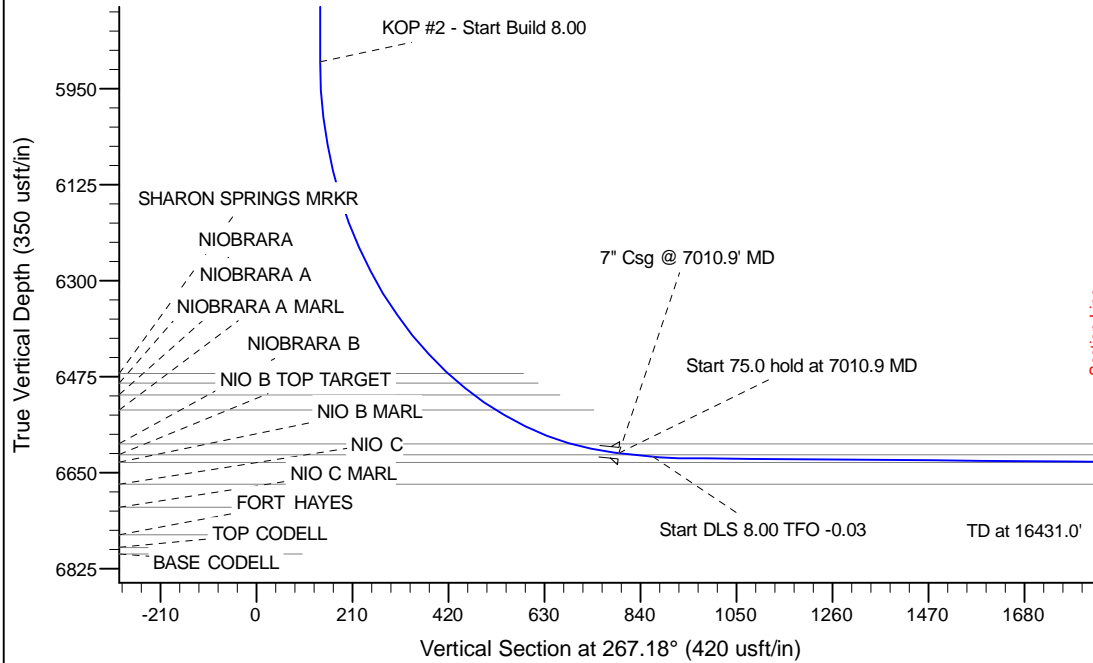
Project: Wattenberg Field
Site: AA (Sec.14-T06N-R63W) Weld County, CO
Well: Wells Ranch State USX AA16-66-1HNL
Wellbore: Original Drilling
Design: APD - Rev 0

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2360.9	14.02	195.93	2355.4	-65.7	-18.7	2.50	195.93	22.0	
4	3586.8	14.02	195.93	3544.6	-351.3	-100.3	0.00	0.00	117.4	
5	4147.7	0.00	0.00	4100.0	-417.0	-119.0	2.50	180.00	139.4	
6	5948.4	0.00	0.00	5900.7	-417.0	-119.0	0.00	0.00	139.4	
7	7010.9	85.00	269.52	6614.2	-422.5	-772.8	8.00	269.52	792.6	
8	7085.9	85.00	269.52	6620.7	-423.1	-847.5	0.00	0.00	867.2	
9	7143.4	89.60	269.52	6623.4	-423.6	-904.9	8.00	-0.03	924.6	
10	16431.0	89.60	269.52	6688.3	-501.8	-10192.0	0.00	0.00	10204.3	AA16-66-1HNL BHL 2310'FNL, 535'FWL



WELL DETAILS: Wells Ranch State USX AA16-66-1HNL

Ground Level: 4777.0			
Northing	Easting	Latitude	Longitude
1422721.11	3302456.76	40.488680	-104.412570

Plan: APD - Rev 0 (Wells Ranch State USX AA16-66-1HNL/Original Drilling)

Created By: Carrie Willers Date: 17:38, June 27 2012

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____