

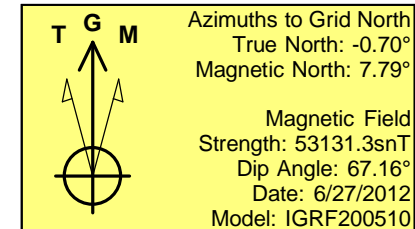
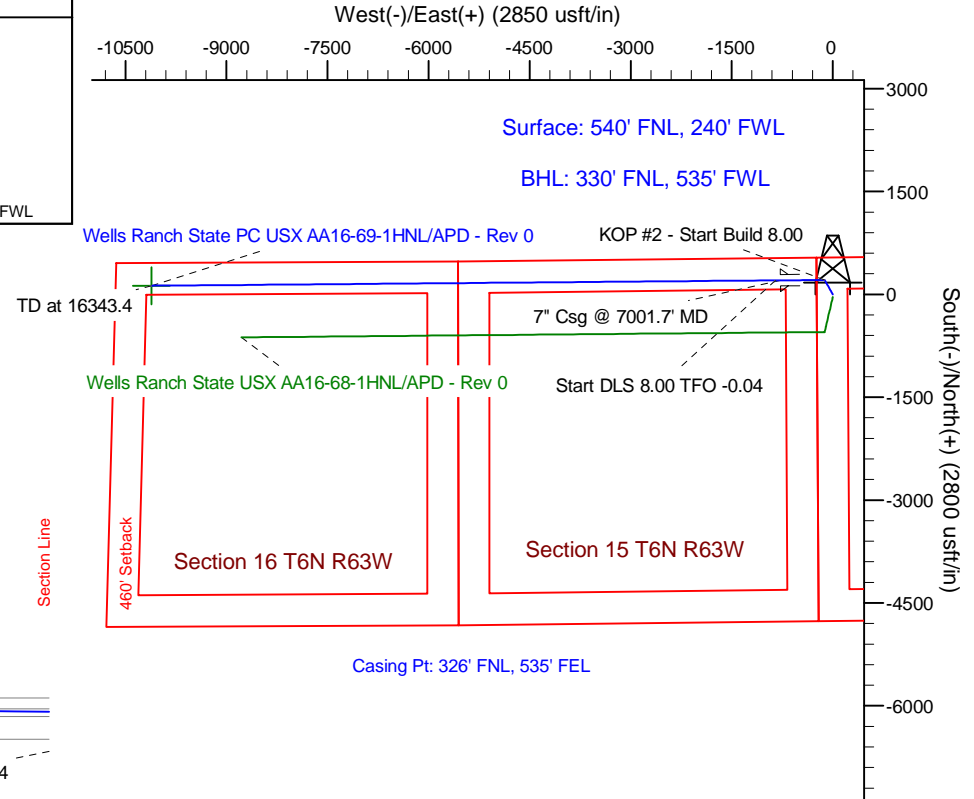
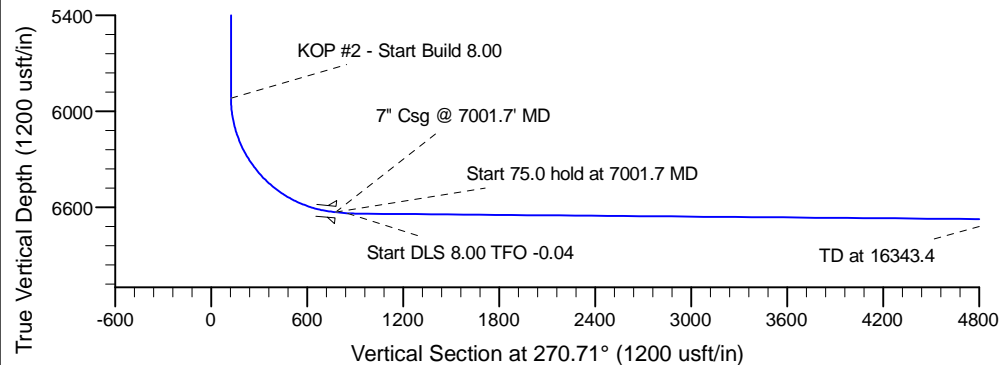
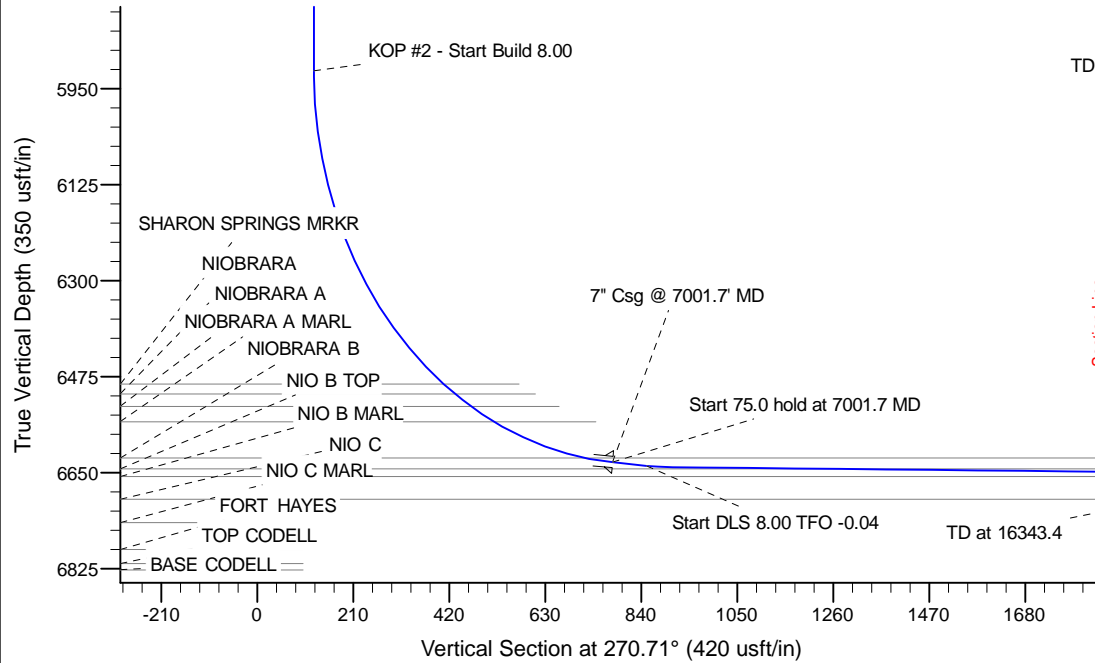
Project: Wattenberg Field
Site: AA (Sec.14-T06N-R63W) Weld County, CO
Well: Wells Ranch State PC USX AA16-69-1HNL
Wellbore: Original Drilling
Design: APD - Rev 0

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	0.0	0.00	0.0	
2	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2681.4	12.04	330.05	2677.9	43.6	-25.1	2.50	330.05	25.7	
4	3360.6	12.04	330.05	3342.1	166.4	-95.9	0.00	0.00	97.9	
5	3842.0	0.00	0.00	3820.0	210.0	-121.0	2.50	180.00	123.6	
6	5939.2	0.00	0.00	5917.2	210.0	-121.0	0.00	0.00	123.6	
7	7001.7	85.00	269.52	6630.7	204.5	-774.8	8.00	269.52	777.2	
8	7076.7	85.00	269.52	6637.2	203.9	-849.5	0.00	0.00	851.9	
9	7132.9	89.50	269.52	6639.9	203.4	-905.6	8.00	-0.04	908.1	
10	16343.4	89.50	269.52	6720.3	125.8	-10115.4	0.00	0.00	10116.2	AA16-69-1HNL BHL 330'FNL, 535'FWL



WELL DETAILS: Wells Ranch State PC USX AA16-69-1HNL

Ground Level: 4779.0		
Northing	Easting	Latitude
1424072.68	3302448.53	40.492390
		Longitude
		-104.412540

Plan: APD - Rev 0 (Wells Ranch State PC USX AA16-69-1HNL/Original Drilling)

Created By: Carrie Willers Date: 10:54, June 28 2012

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____