

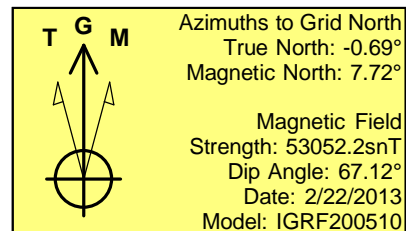
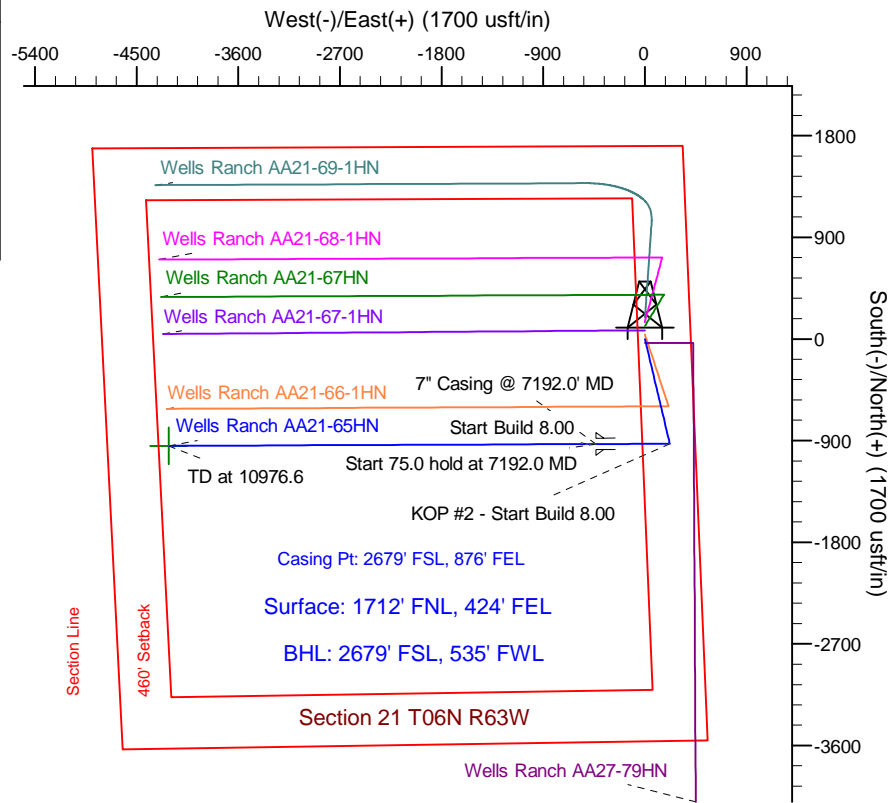
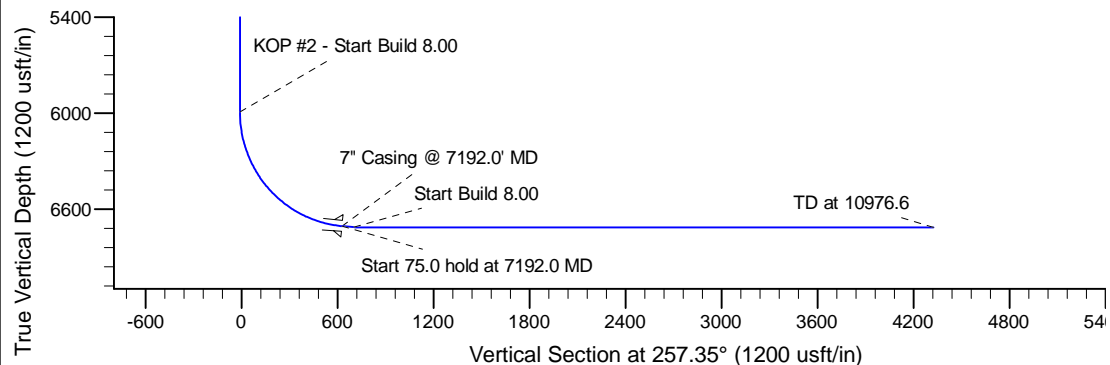
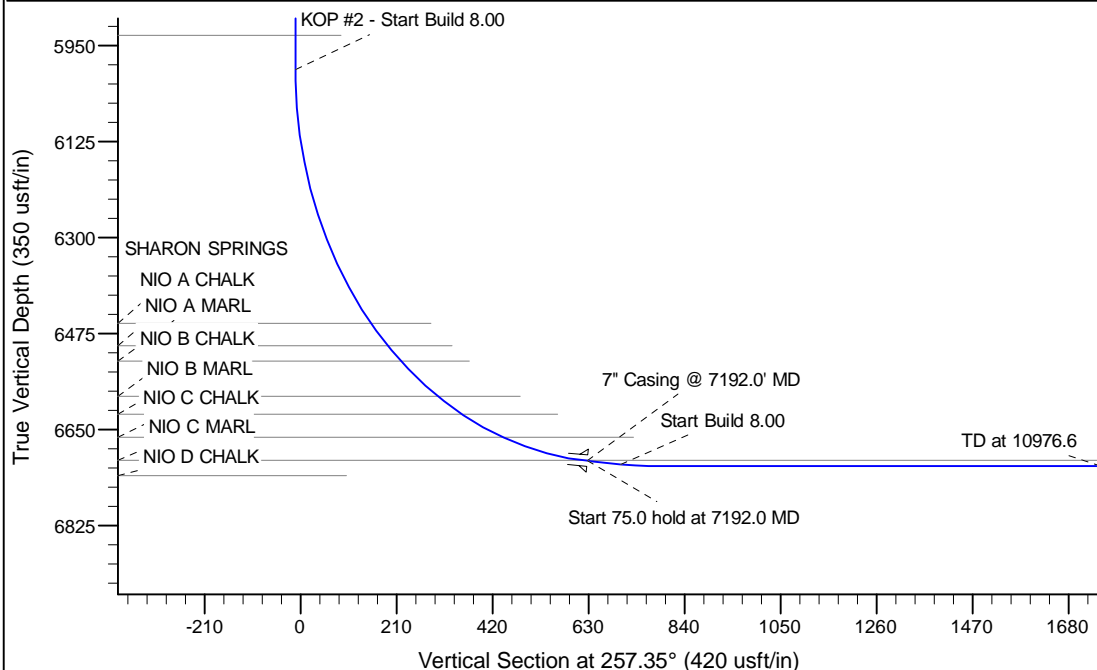
Project: Wattenberg Field
Site: AA (Sec.21-T06N-R63W) Weld County, CO
Well: Wells Ranch AA21-65HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2401.1	18.02	166.66	2386.3	-136.8	32.4	2.00	166.66	-1.7	
4	4575.1	18.02	166.66	4453.7	-791.2	187.6	0.00	0.00	-9.8	
5	5476.2	0.00	0.00	5340.0	-928.0	220.0	2.00	180.00	-11.4	
6	6129.5	0.00	0.00	5993.3	-928.0	220.0	0.00	0.00	-11.4	
7	7192.0	85.00	269.76	6706.7	-930.7	-433.8	8.00	269.76	627.1	
8	7267.0	85.00	269.76	6713.3	-931.1	-508.5	0.00	0.00	700.0	
9	7329.5	90.00	269.76	6716.0	-931.3	-570.9	8.00	0.00	761.0	
10	10976.6	90.00	269.76	6716.0	-946.6	-4217.9	0.00	0.00	4322.8	Wells Ranch AA21-65HN BHL 2679'FSL, 535'FWL



WELL DETAILS: Wells Ranch AA21-65HN

Ground Level: 4727.0			
Northing	Easting	Latitude	Longitude
0.0	0.0	1417534.22	3296552.45
		40.474640	-104.434020

Plan: APD - Rev 0 (Wells Ranch AA21-65HN/Original Drilling)

Created By: Shailey Jewell Date: 13:57, March 13 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____