

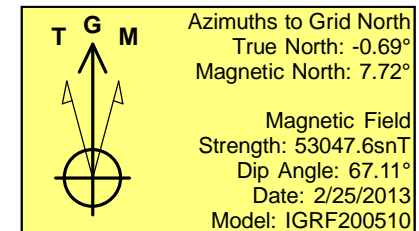
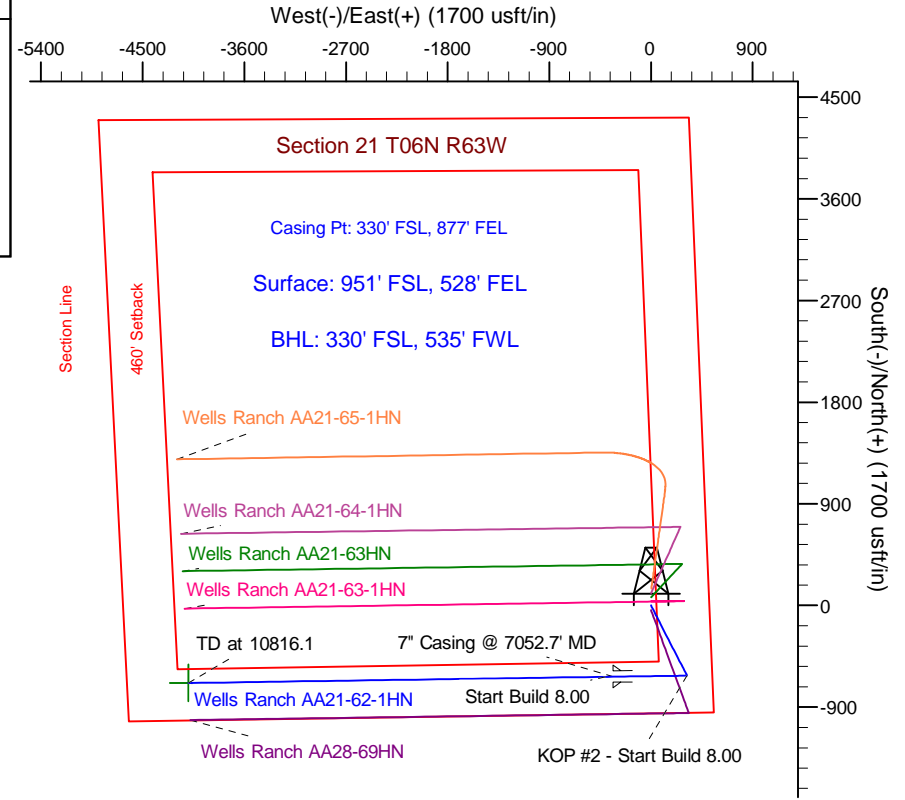
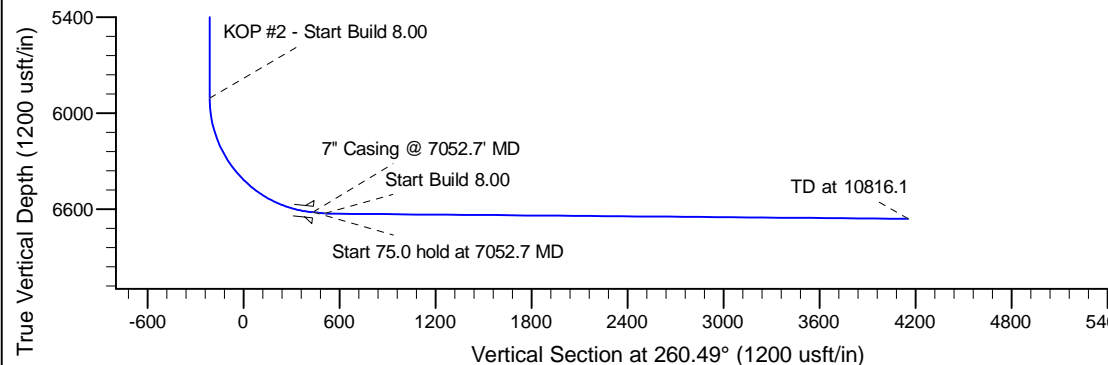
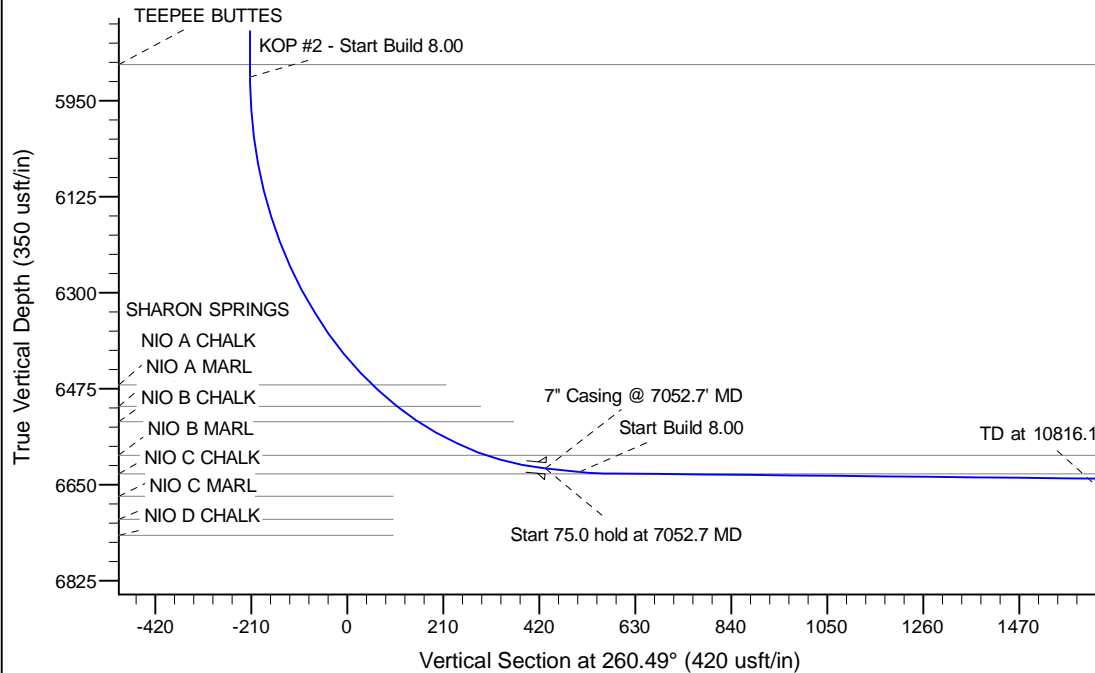
Project: Wattenberg Field
Site: AA (Sec.21-T06N-R63W) Weld County, CO
Well: Wells Ranch AA21-62-1HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	2550.6	15.01	152.74	2542.0	-86.9	44.8	2.00	152.74	-29.8	
4	4492.8	15.01	152.74	4418.0	-534.1	275.2	0.00	0.00	-183.2	
5	5243.4	0.00	0.00	5160.0	-621.0	320.0	2.00	180.00	-213.0	
6	5990.2	0.00	0.00	5906.8	-621.0	320.0	0.00	0.00	-213.0	
7	7052.7	85.00	269.15	6620.3	-630.7	-333.7	8.00	269.15	433.4	
8	7127.7	85.00	269.15	6626.8	-631.8	-408.4	0.00	0.00	507.2	
9	7183.9	89.50	269.15	6629.5	-632.6	-464.6	8.00	0.00	562.8	
10	10816.1	89.50	269.15	6661.2	-686.5	-4096.2	0.00	0.00	4153.4	Wells Ranch AA21-62-1HN BHL 330'FSL, 535'FWL



WELL DETAILS: Wells Ranch AA21-62-1HN

Ground Level: 4731.0			
Northing	Easting	Latitude	Longitude
0.0	0.0	1414925.59	3296550.42
		40.467480	-104.434140

Plan: APD - Rev 0 (Wells Ranch AA21-62-1HN/Original Drilling)

Created By: Shailey Jewell Date: 12:40, March 11 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____