

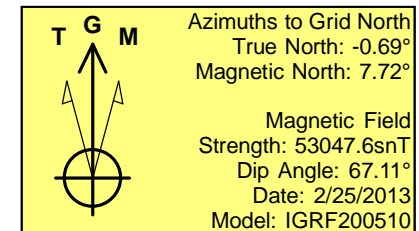
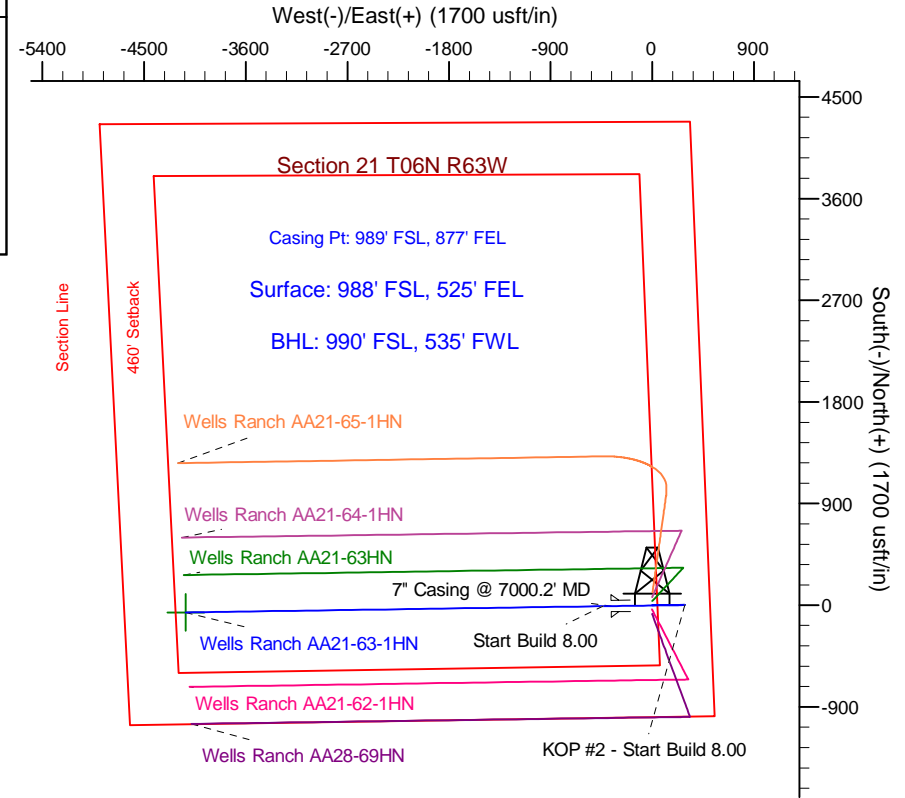
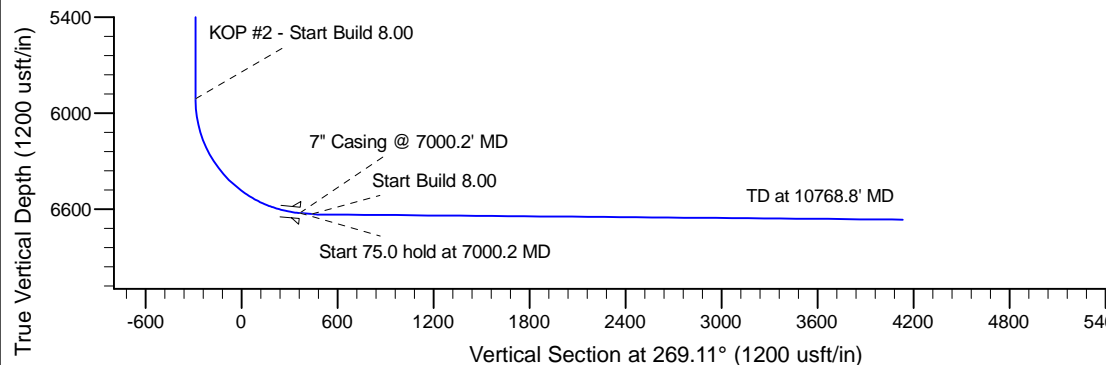
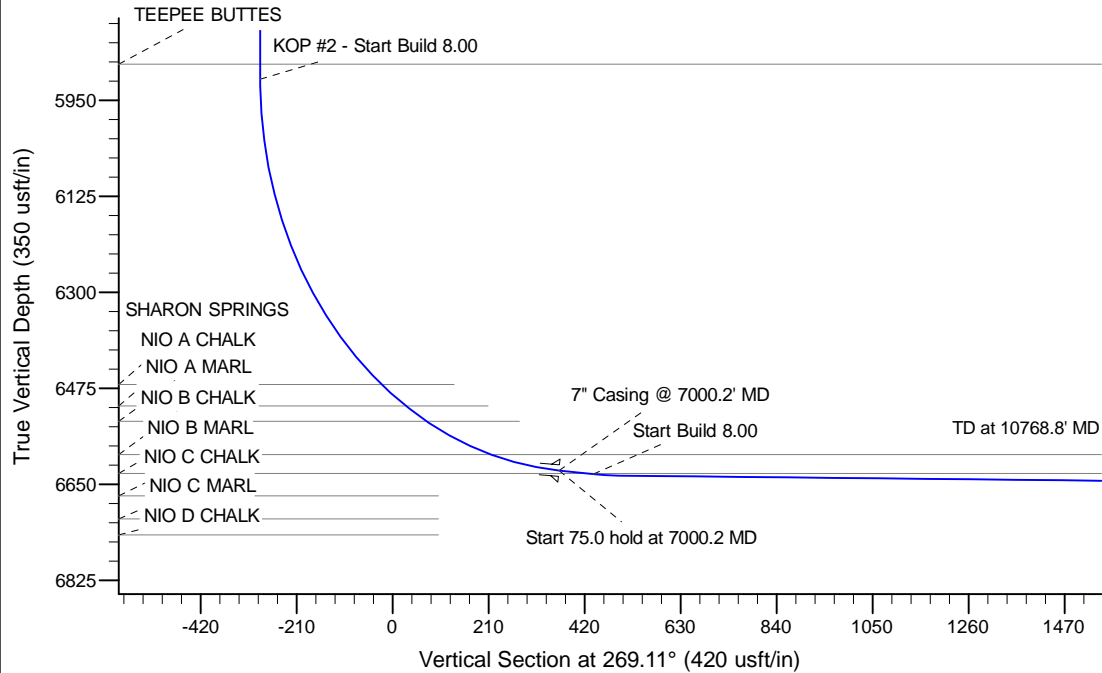
Project: Wattenberg Field
Site: AA (Sec.21-T06N-R63W) Weld County, CO
Well: Wells Ranch AA21-63-1HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2801.2	12.02	89.60	2796.8	0.4	62.8	2.00	89.60	-62.8	
4	3589.9	12.02	89.60	3568.2	1.6	227.2	0.00	0.00	-227.1	
5	4191.1	0.00	0.00	4165.0	2.0	290.0	2.00	180.00	-290.0	
6	5937.7	0.00	0.00	5911.6	2.0	290.0	0.00	0.00	-290.0	
7	7000.2	85.00	269.15	6625.0	-7.7	-363.7	8.00	269.15	363.8	
8	7075.2	85.00	269.15	6631.6	-8.9	-438.4	0.00	0.00	438.5	
9	7131.4	89.50	269.15	6634.3	-9.7	-494.6	8.00	0.00	494.7	
10	10768.8	89.50	269.15	6666.0	-63.9	-4131.4	0.00	0.00	4131.9	Wells Ranch AA21-63-1HN BHL 990'FSL, 535'FWL



WELL DETAILS: Wells Ranch AA21-63-1HN

Ground Level: 4730.0			
Northing	Easting	Latitude	Longitude
0.0	0.0	1414962.06	3296552.77
		40.467580	-104.434130

Plan: APD - Rev 0 (Wells Ranch AA21-63-1HN/Original Drilling)

Created By: Shailey Jewell Date: 12:29, March 11 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____