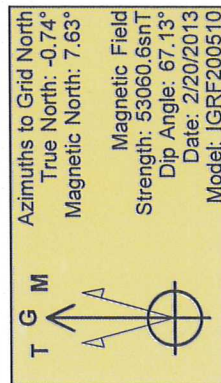
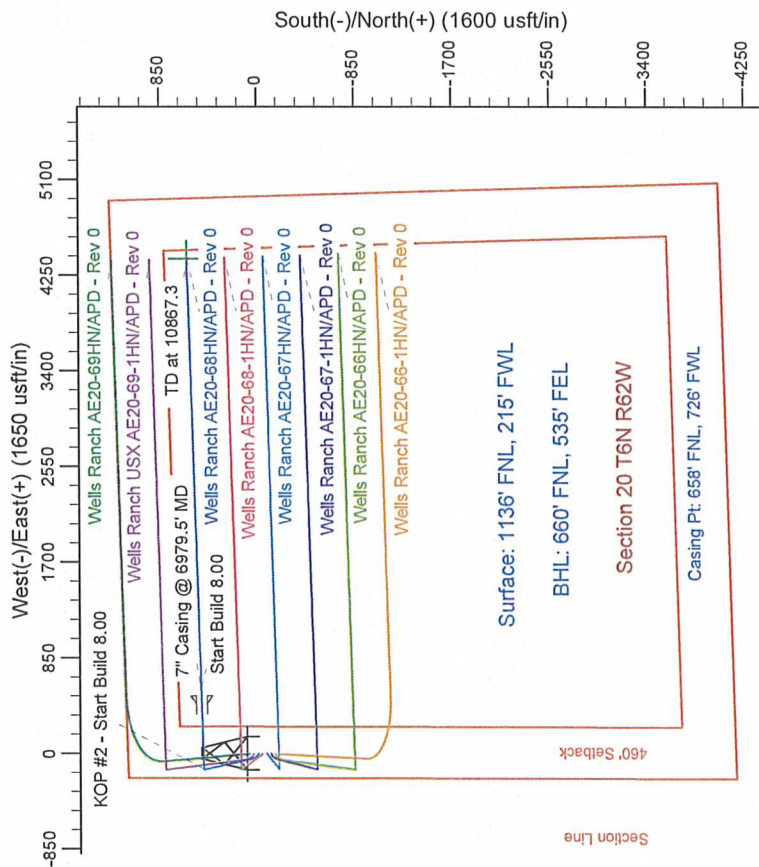
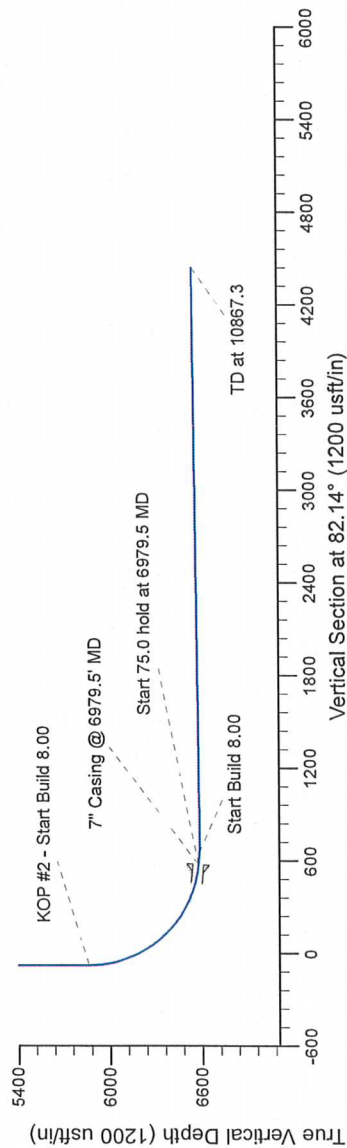
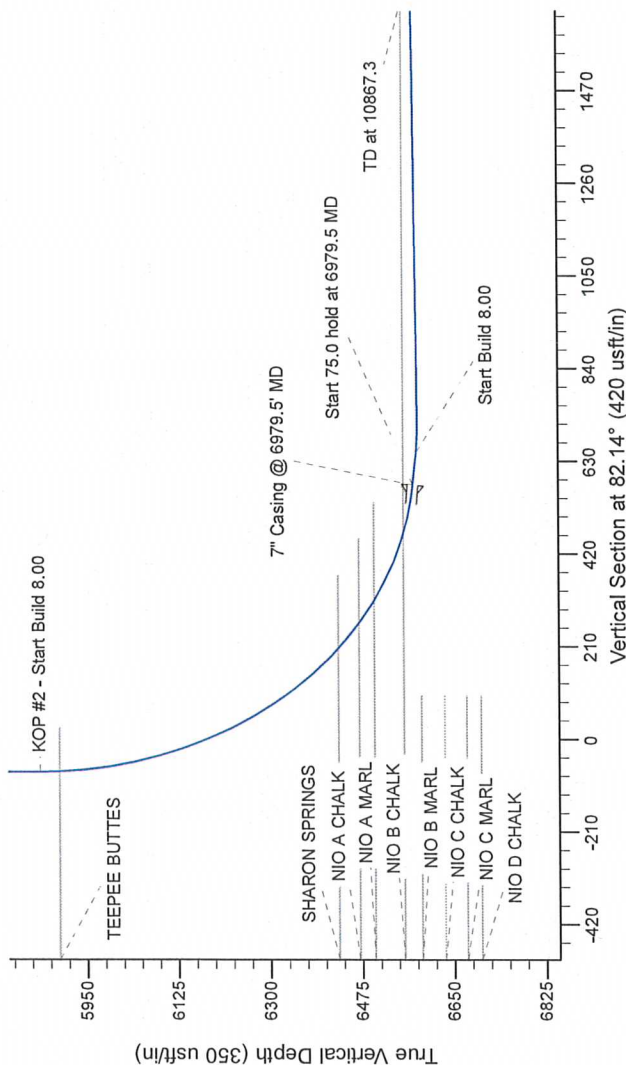


Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

Project: Wattenberg Field
Site: AE (Sec.20-T06N-R62W) Weld County, CO
Well: Wells Ranch AE20-68HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	7.0	-13.6	2.00	300.00	-12.4	
3	2800.0	6.01	307.59	2388.0	98.3	-56.9	2.00	69.17	-42.9	
4	3500.0	15.01	347.59	3458.0	380.5	-119.0	2.00	0.00	-65.8	
5	3506.3	15.01	347.59	3458.0	380.5	-119.0	2.00	180.00	-73.6	
6	4256.8	0.00	0.00	4200.0	476.0	-140.0	2.00	0.00	-73.6	
7	5917.0	0.00	0.00	5860.2	476.0	-140.0	0.00	88.34	576.4	
8	6979.5	85.00	88.34	6573.6	494.9	513.5	8.00	88.34	650.6	
9	7054.5	85.00	88.34	6580.2	497.1	588.2	0.00	0.00	718.9	
10	7123.2	90.50	88.34	6582.9	499.1	666.8	0.00	0.00	4439.2	
11	10867.3	90.50	88.34	6550.2	607.4	4399.2	8.00	0.00	4440.9	Wells Ranch AE20-68H-N BHL 660FNL, 535FEL



WELL DETAILS: Wells Ranch AE20-68HN	
Northing 1418448.71	Ground Level: 4840.0 Easting 3318473.27
Latitude 40.476400	Longitude -104.355190

Plan: APD - Rev 0 (Wells Ranch AE20-68HN Original Drilling)	
Created By: Carrie Willers	Date: 17:36, March 01 2013
Checked: _____	Date: _____
Reviewed: _____	Date: _____
Approved: _____	Date: _____