

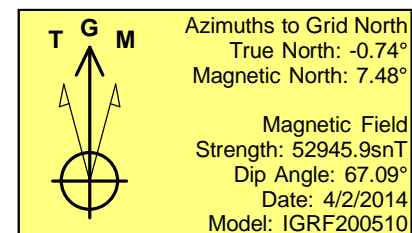
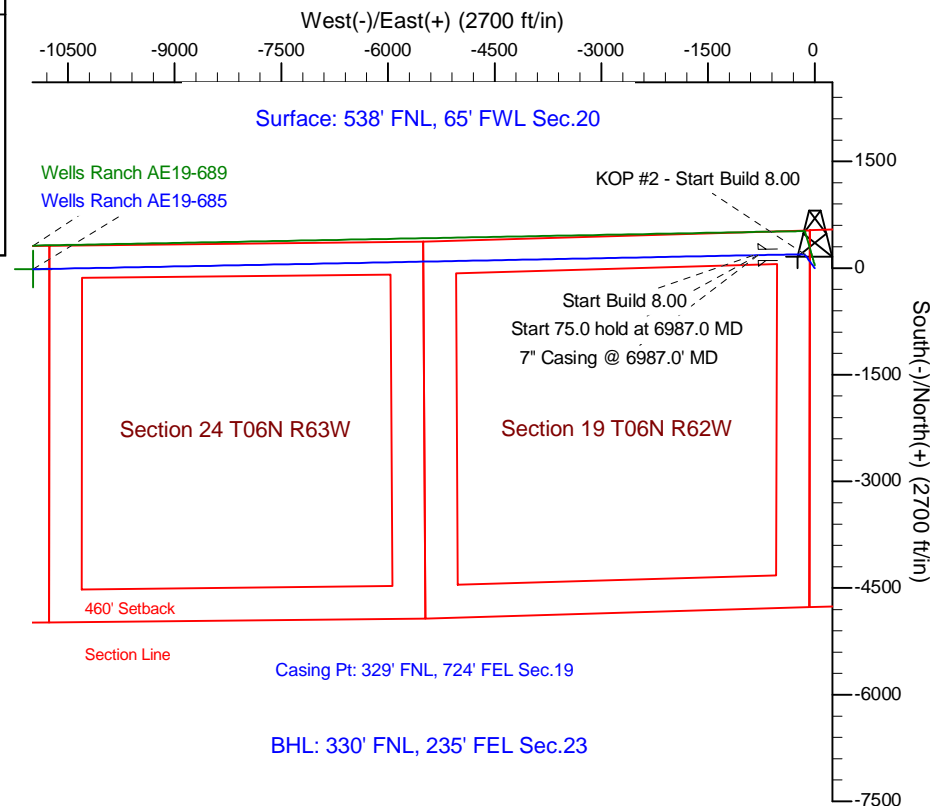
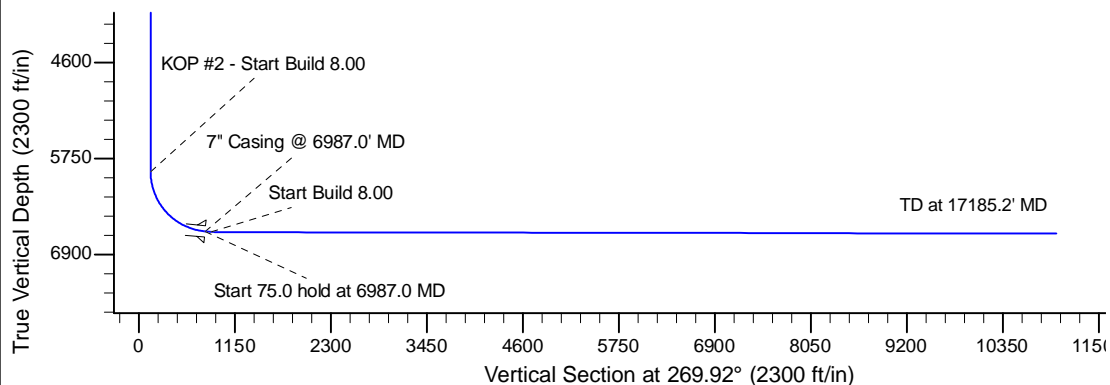
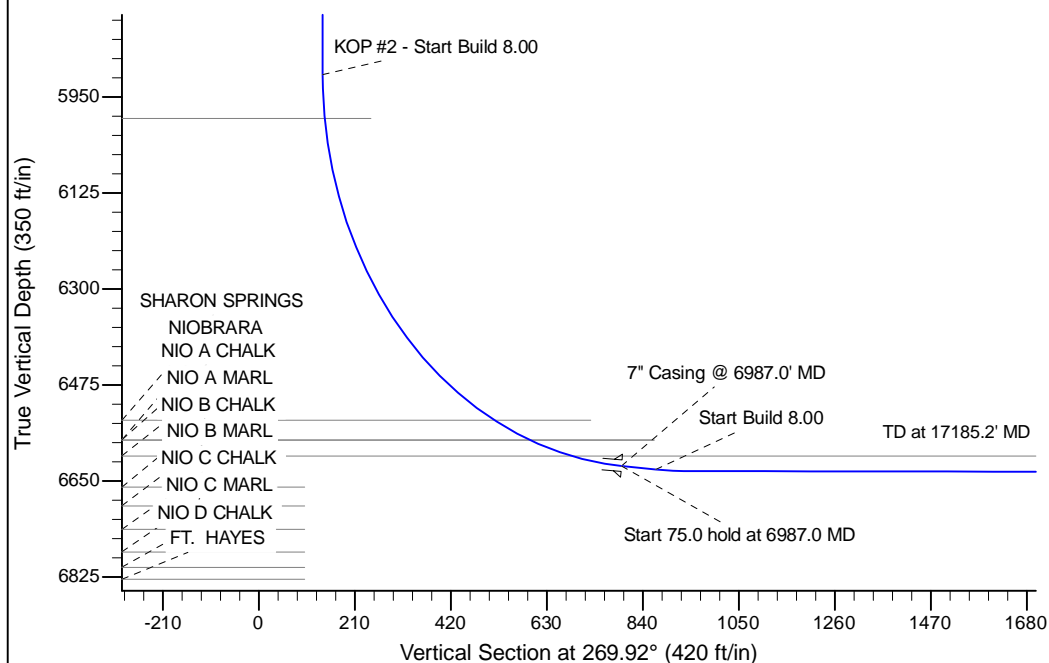
Project: Wattenberg Field
 Site: AE (Sec.20-T06N-R62W) Weld County, CO
 Well: Wells Ranch AE19-685
 Wellbore: Original Drilling
 Design: APD - Rev 0

Northern Region Drilling - Working

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	VSec	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	2202.6	8.05	324.32	2201.3	22.9	-16.5	2.00	324.32	16.4	
4	3512.9	8.05	324.32	3498.7	172.1	-123.5	0.00	0.00	123.3	
5	3915.6	0.00	0.00	3900.0	195.0	-140.0	2.00	180.00	139.7	
6	5924.5	0.00	0.00	5908.9	195.0	-140.0	0.00	0.00	139.7	
7	6987.0	85.00	268.89	6622.4	182.3	-793.7	8.00	268.89	793.4	
8	7062.0	85.00	268.89	6628.9	180.9	-868.4	0.00	0.00	868.1	
9	7123.2	89.90	268.89	6631.6	179.7	-929.5	8.00	0.00	929.3	
10	17185.2	89.90	268.89	6649.2	-15.5	-10989.6	0.00	0.00	10989.6	Wells Ranch AE19-685 BHL 330'FNL, 235'FEL



WELL DETAILS: Wells Ranch AE19-685					
Ground Level: 4841.0					
	North	East	Lat	Long	
0.0	0.0	1419044.29	3318323.69	40.478040	-104.355700
Plan: APD - Rev 0 (Wells Ranch AE19-685/Original Drilling)					
Created By: Shailey Jewell			Date: 15:10, April 07 2014		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		