

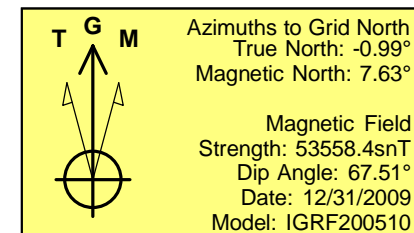
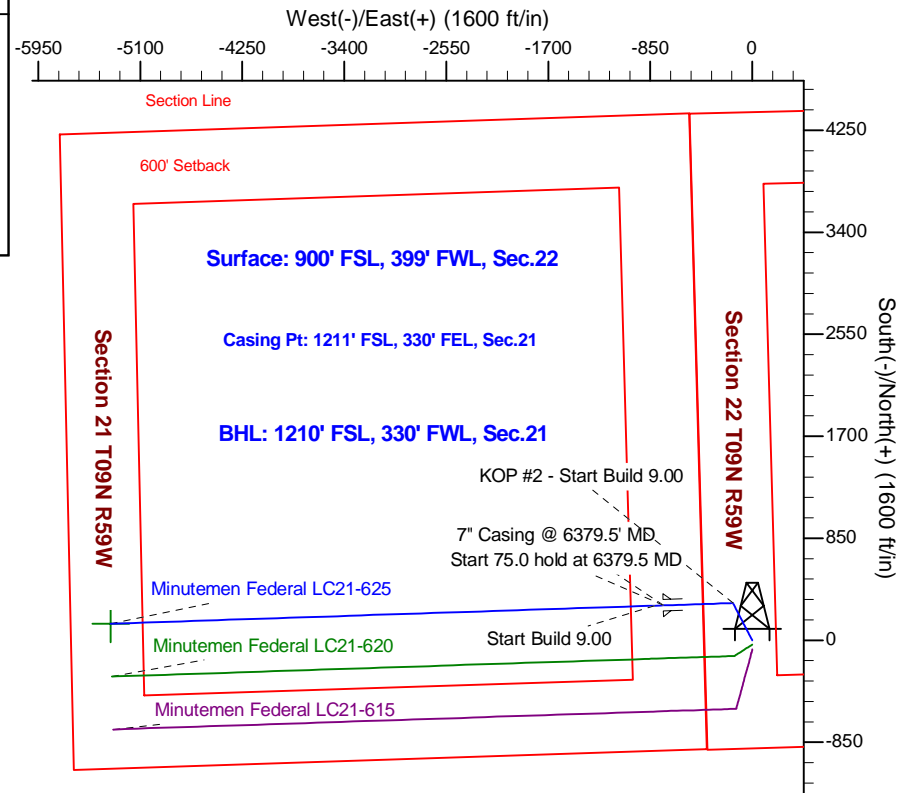
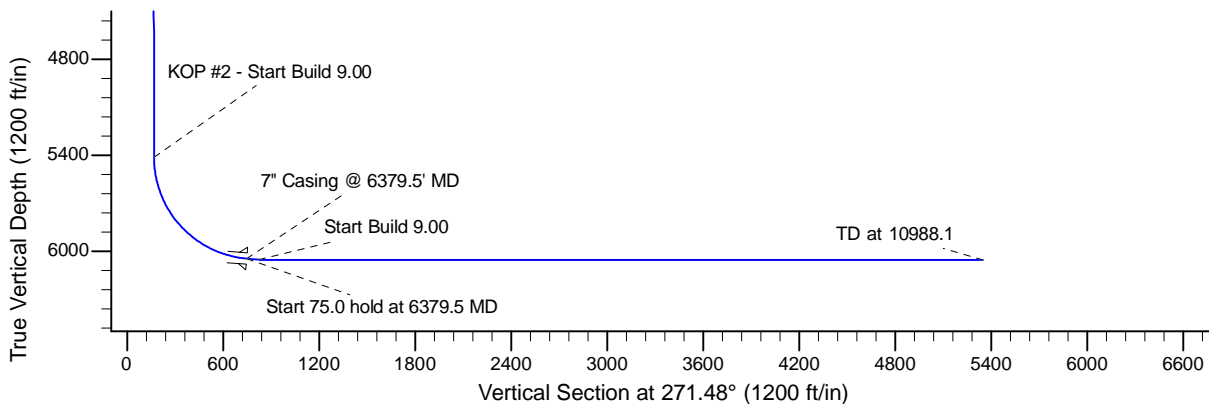
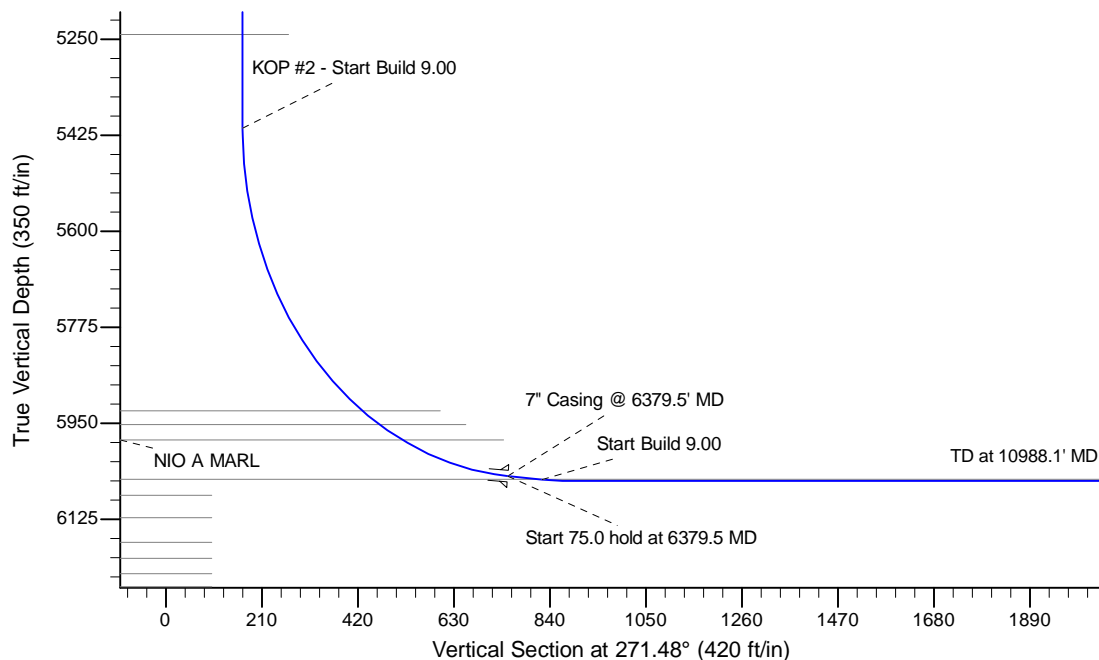
Project: Wattenberg Field
Site: LC (Sec.12-T09N-R59W) Weld County, CO
Well: Minutemen Federal LC21-625
Wellbore: Original Drilling
Design: APD - Rev 0

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	2201.5	8.03	332.70	2200.2	25.0	-12.9	2.00	332.70	13.5	
4	4296.7	8.03	332.70	4274.8	285.0	-147.1	0.00	0.00	154.4	
5	4698.2	0.00	0.00	4675.0	310.0	-160.0	2.00	180.00	167.9	
6	5435.0	0.00	0.00	5411.8	310.0	-160.0	0.00	0.00	167.9	
7	6379.5	85.00	268.10	6046.0	290.7	-740.8	9.00	268.10	748.1	
8	6454.5	85.00	268.10	6052.6	288.3	-815.5	0.00	0.00	822.7	
9	6510.0	90.00	268.10	6055.0	286.4	-870.9	9.00	0.00	878.0	
10	10988.1	90.00	268.10	6055.0	138.0	-5346.6	0.00	0.00	5348.4	Minutemen Federal LC21-625 BHL 1210'FSL, 330'FWL



WELL DETAILS: Minutemen Federal LC21-625

Ground Level: 4877.0			
0.0	0.0	Northing	Easting
1512919.92	3423451.75	Latitude	Longitude
40.731340	-103.972040		

Plan: APD - Rev 0 (Minutemen Federal LC21-625/Original Drilling)

Created By: Shailey Jewell Date: 10:41, August 21 2015
Checked: _____ Date: _____
Reviewed: _____ Date: _____
Approved: _____ Date: _____