

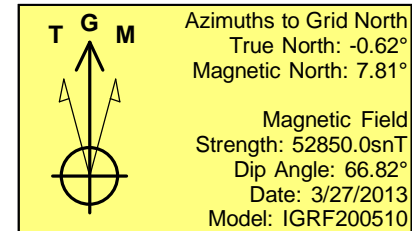
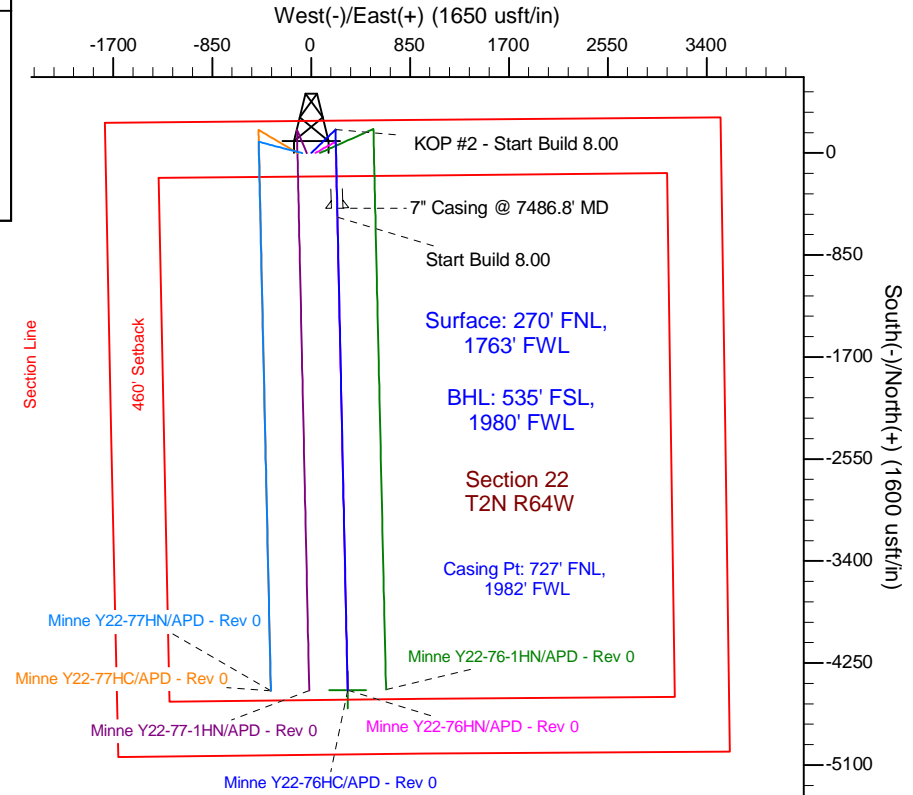
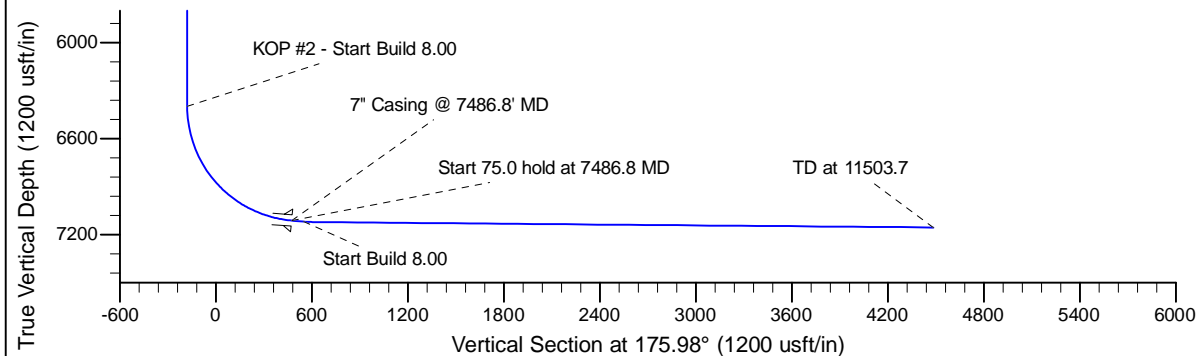
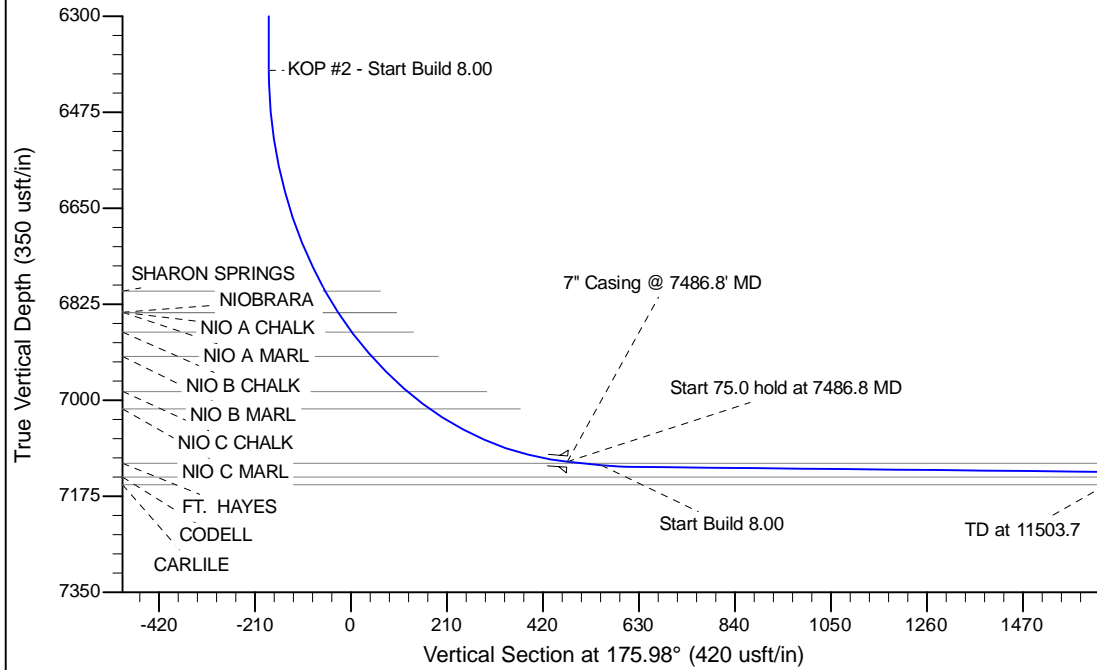
Project: Wattenberg Field
Site: Y (Sec.22-T02N-R64W) Weld County, CO
Well: Minne Y22-76HC
Wellbore: Original Drilling
Design: APD - Rev 0

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	2400.3	12.01	47.12	2395.9	42.6	45.9	2.00	47.12	-39.3	
4	3175.4	12.01	47.12	3154.1	152.4	164.1	0.00	0.00	-140.5	
5	3775.7	0.00	0.00	3750.0	195.0	210.0	2.00	180.00	-179.8	
6	6424.3	0.00	0.00	6398.6	195.0	210.0	0.00	0.00	-179.8	
7	7486.8	85.00	178.72	7112.1	-458.6	224.6	8.00	178.72	473.2	
8	7561.8	85.00	178.72	7118.6	-533.3	226.2	0.00	0.00	547.8	
9	7618.1	89.50	178.72	7121.3	-589.5	227.5	8.00	0.00	604.0	
10	11503.7	89.50	178.72	7155.2	-4474.0	314.1	0.00	0.00	4485.0	Minne Y22-76HC BHL 535'FSL, 1980'FWL



WELL DETAILS: Minne Y22-76HC

Ground Level: 5010.0
Northing 1291824.91 Easting 3268234.75 Latitude 40.130470 Longitude -104.540690

Plan: APD - Rev 0 (Minne Y22-76HC/Original Drilling)

Created By: Carrie Willers Date: 18:10, April 02 2013
Checked: _____ Date: _____
Reviewed: _____ Date: _____
Approved: _____ Date: _____