

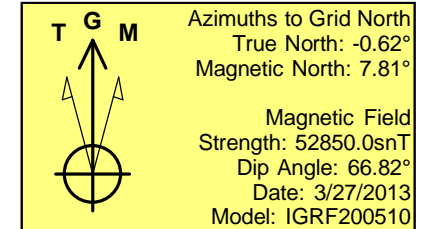
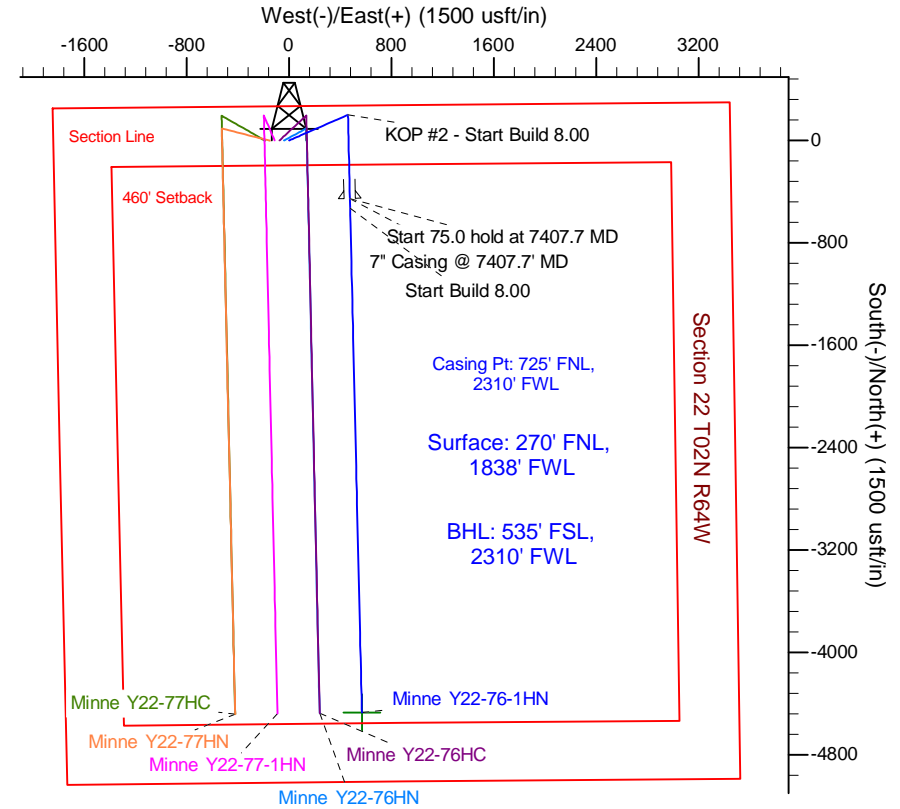
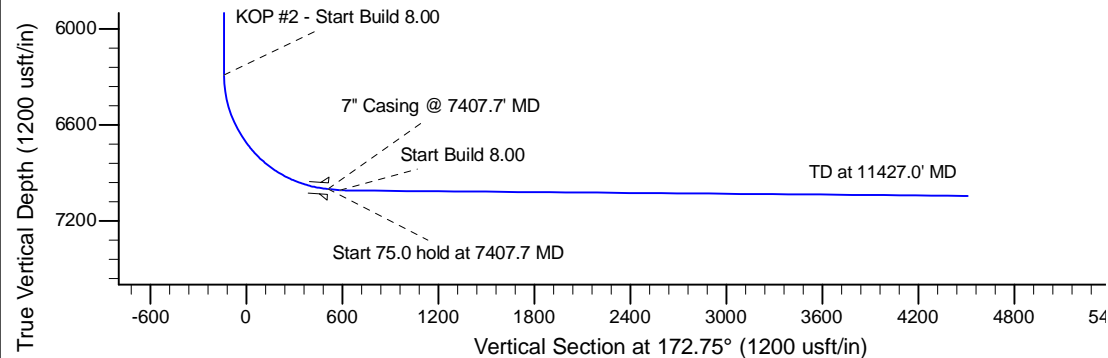
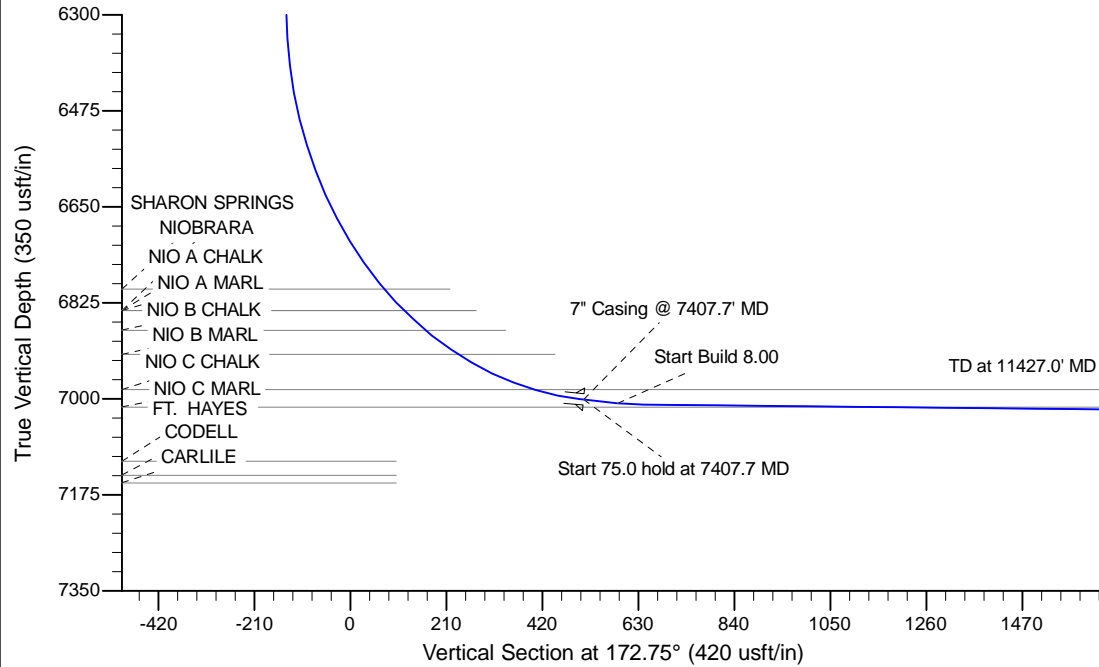
Project: Wattenberg Field
Site: Y (Sec.22-T02N-R64W) Weld County, CO
Well: Minne Y22-76-1HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1750.8	15.02	66.50	1742.3	39.0	89.7	2.00	66.50	-27.4	
4	2931.6	15.02	66.50	2882.7	161.0	370.3	0.00	0.00	-113.0	
5	3682.5	0.00	0.00	3625.0	200.0	460.0	2.00	180.00	-140.4	
6	6345.2	0.00	0.00	6287.8	200.0	460.0	0.00	0.00	-140.4	
7	7407.7	85.00	178.67	7001.2	-453.6	475.2	8.00	178.67	509.9	
8	7482.7	85.00	178.67	7007.8	-528.3	476.9	0.00	0.00	584.2	
9	7539.0	89.50	178.67	7010.5	-584.4	478.2	8.00	0.00	640.1	
10	11427.0	89.50	178.67	7044.4	-4471.3	568.6	0.00	0.00	4507.3	Minne Y22-76-1HN BHL 535'FSL, 2310'FWL



WELL DETAILS: Minne Y22-76-1HN				
Ground Level: 5012.0				
0.0	0.0	Northing 1291825.72	Eastings 3268310.24	Latitude 40.130470 Longitude -104.540420
Plan: APD - Rev 0 (Minne Y22-76-1HN/Original Drilling)				
Created By: Shailey Jewell		Date: 11:18, March 28 2013		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		