

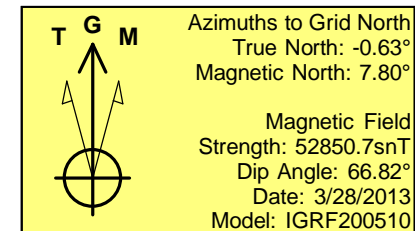
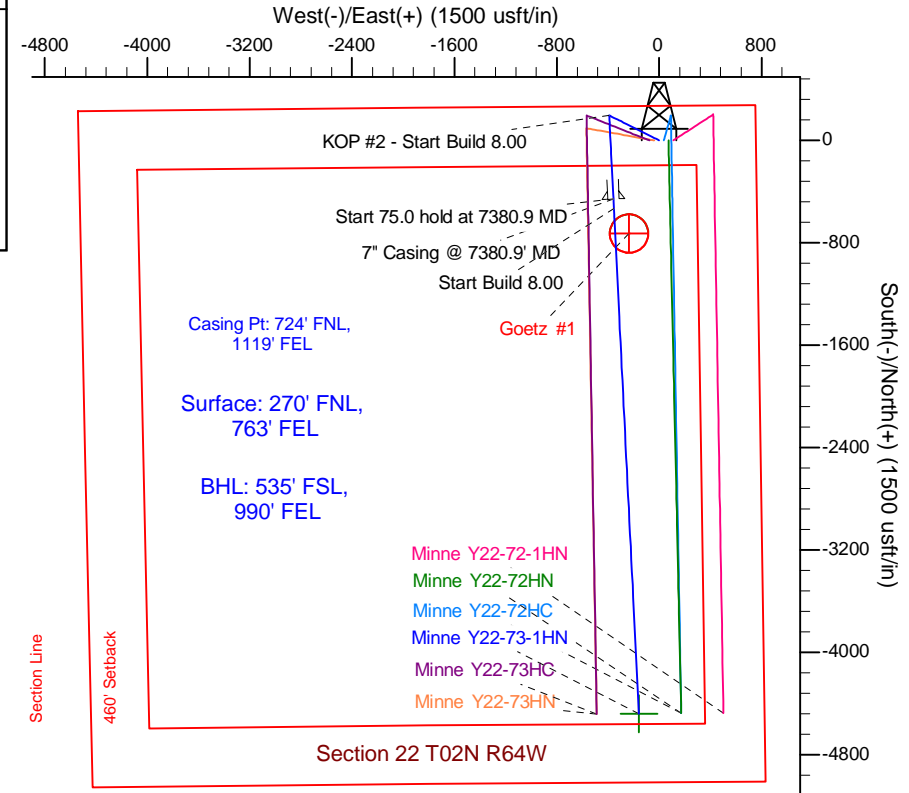
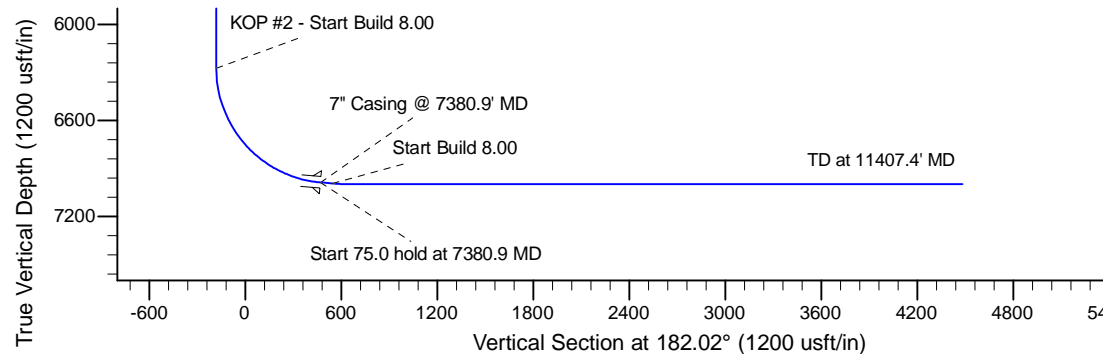
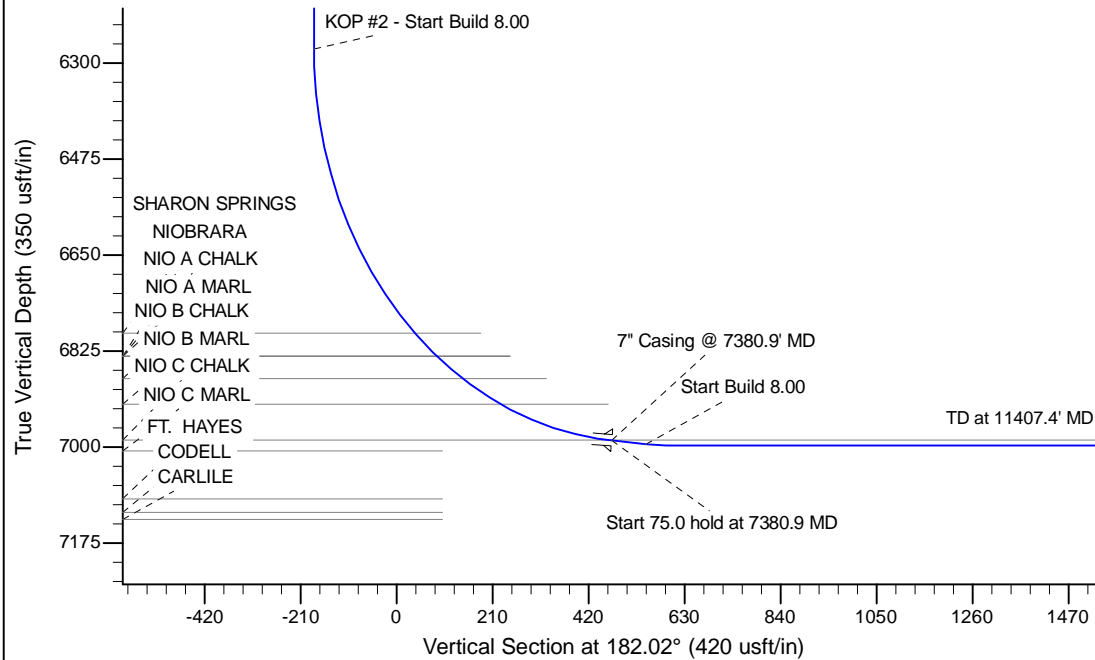
Project: Wattenberg Field
Site: Y (Sec.22-T02N-R64W) Weld County, CO
Well: Minne Y22-73-1HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	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	2450.7	13.01	296.57	2445.2	32.9	-65.8	2.00	296.57	-30.6	
4	3733.4	13.01	296.57	3694.8	162.1	-324.2	0.00	0.00	-150.6	
5	4384.1	0.00	0.00	4340.0	195.0	-390.0	2.00	180.00	-181.1	
6	6318.4	0.00	0.00	6274.3	195.0	-390.0	0.00	0.00	-181.1	
7	7380.9	85.00	177.16	6987.7	-458.0	-357.6	8.00	177.16	470.3	
8	7455.9	85.00	177.16	6994.3	-532.6	-353.9	0.00	0.00	544.7	
9	7518.4	90.00	177.16	6997.0	-594.9	-350.8	8.00	0.00	606.9	
10	11407.4	90.00	177.16	6997.0	-4479.2	-158.0	0.00	0.00	4481.9	Minne Y22-73-1HN BHL 535'FSL, 990'FEL



WELL DETAILS: Minne Y22-73-1HN					
Ground Level: 5010.0					
	North	East	Lat	Long	
0.0	0.0	1291847.73	3271002.88	40.130450	-104.530790
Plan: APD - Rev 0 (Minne Y22-73-1HN/Original Drilling)					
Created By: Shailey Jewell			Date: 12:32, April 05 2013		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		