

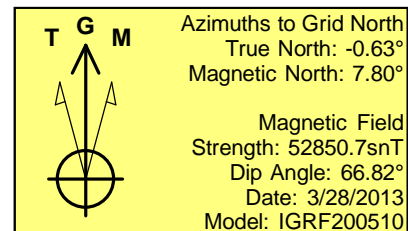
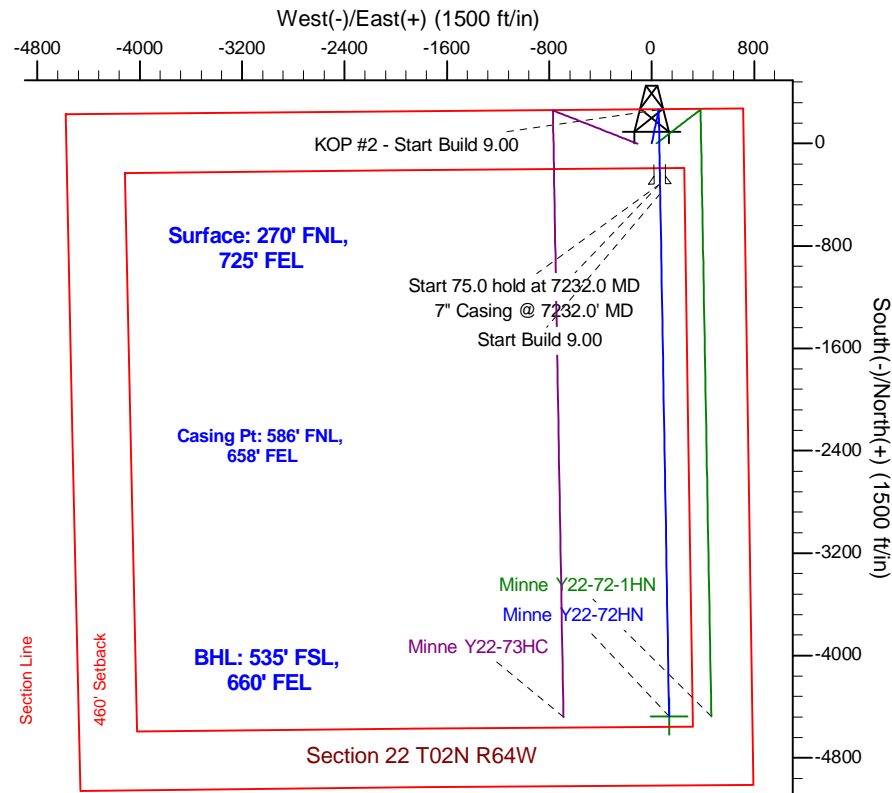
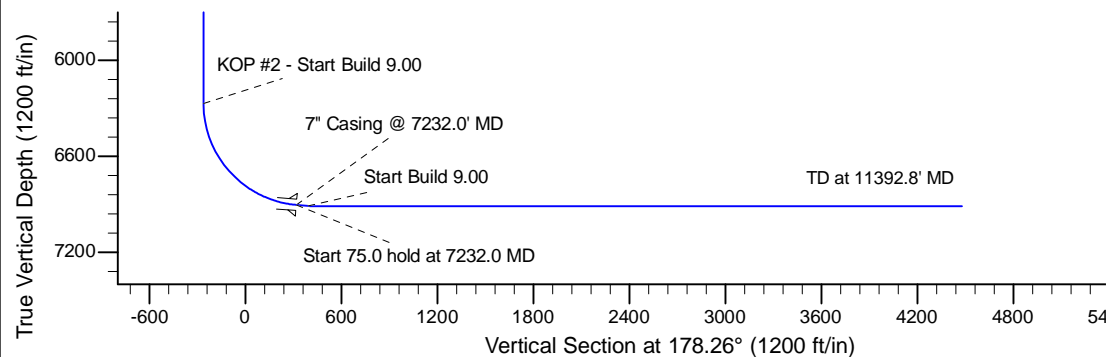
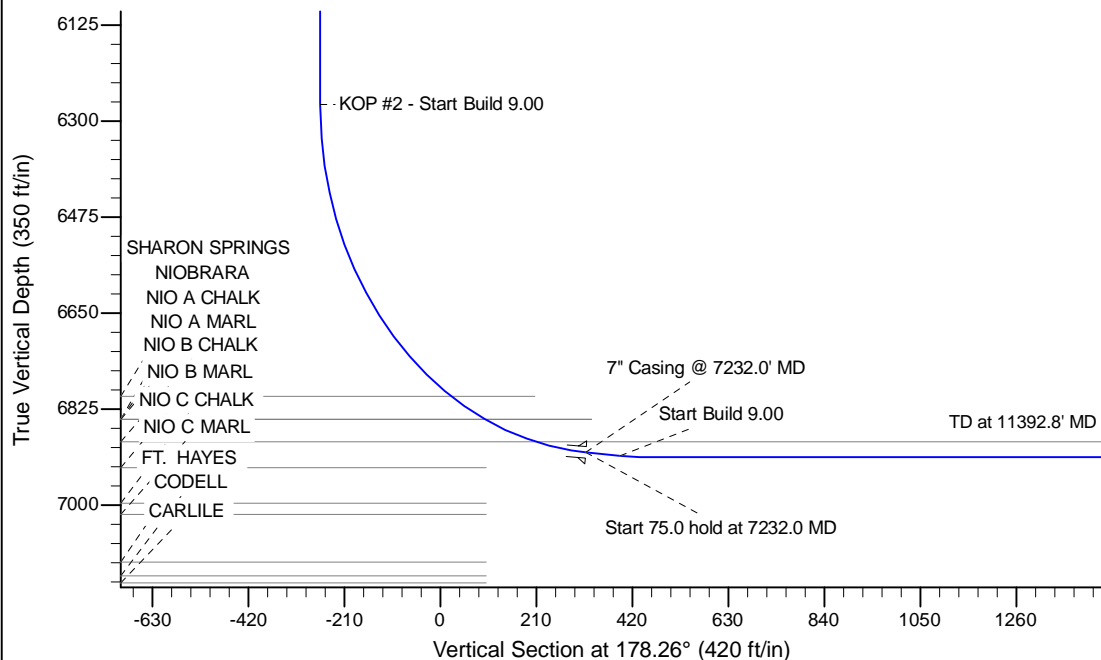
Project: Wattenberg Field
Site: Y (Sec.22-T02N-R64W) Weld County, CO
Well: Minne Y22-72HN
Wellbore: Original Drilling
Design: APD - Rev 1

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	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	2201.7	8.03	11.73	2200.3	27.5	5.7	2.00	11.73	-27.3	
4	3736.0	8.03	11.73	3719.7	237.5	49.3	0.00	0.00	-235.9	
5	4137.7	0.00	0.00	4120.0	265.0	55.0	2.00	180.00	-263.2	
6	6287.5	0.00	0.00	6269.8	265.0	55.0	0.00	0.00	-263.2	
7	7232.0	85.00	179.03	6904.0	-316.1	64.9	9.00	179.03	317.9	
8	7307.0	85.00	179.03	6910.6	-390.8	66.2	0.00	0.00	392.6	
9	7362.5	90.00	179.03	6913.0	-446.2	67.1	9.00	0.00	448.1	
10	11392.8	90.00	179.03	6913.0	-4476.0	135.6	0.00	0.00	4478.0	Minne Y22-72HN BHL 535'FSL, 660'FEL



WELL DETAILS: Minne Y22-72HN				
Ground Level: 5009.0				
0.0	0.0	Northing	Easting	Latitude
		1291848.12	3271039.23	40.130450
				Longitude
				-104.530660
Plan: APD - Rev 1 (Minne Y22-72HN/Original Drilling)				
Created By: Shailey Jewell		Date: 10:07, November 20 2014		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		