

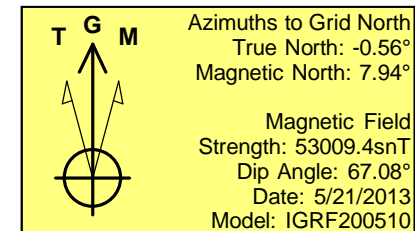
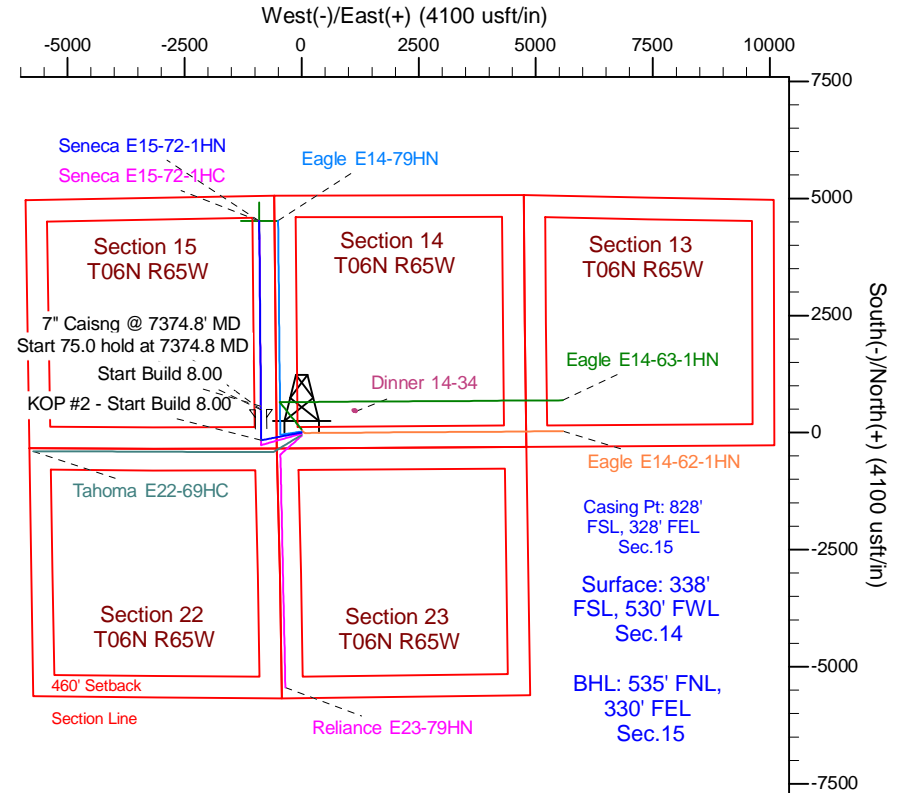
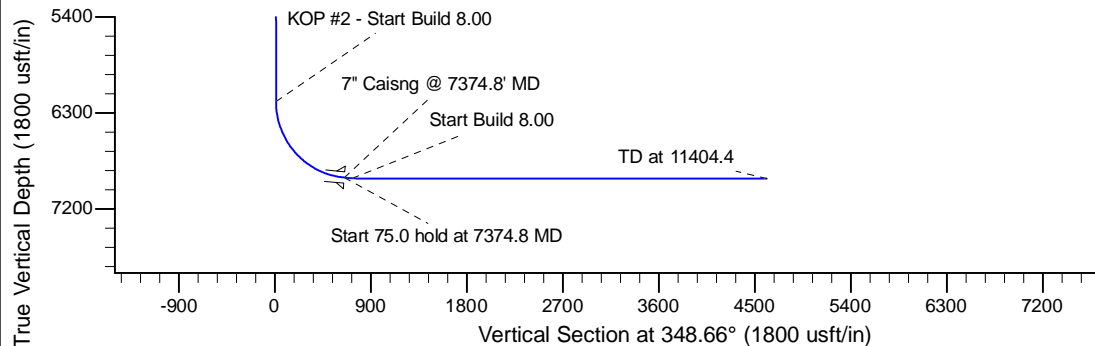
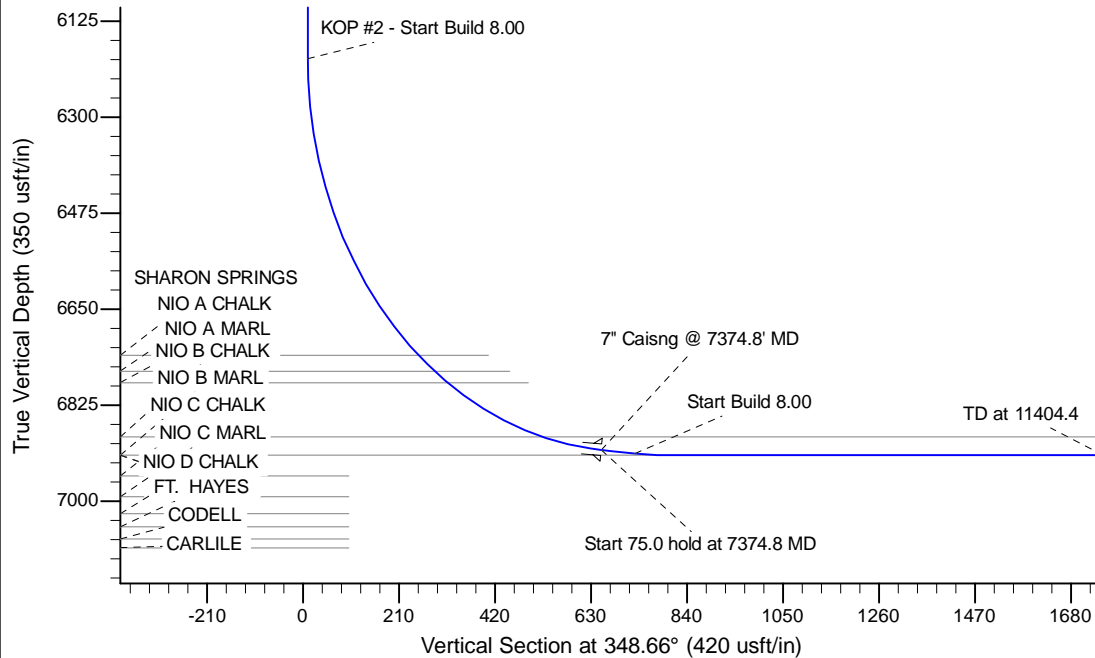
Project: Wattenberg Field
 Site: E (Sec.14-T06N-R65W) Weld County, CO
 Well: Seneca E15-72-1HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2650.1	17.00	259.33	2637.7	-23.2	-123.1	2.00	259.33	1.5	
4	4803.8	17.00	259.33	4697.3	-139.8	-741.9	0.00	0.00	8.8	
5	5654.0	0.00	0.00	5535.0	-163.0	-865.0	2.00	180.00	10.2	
6	6312.3	0.00	0.00	6193.3	-163.0	-865.0	0.00	0.00	10.2	
7	7374.8	85.00	359.50	6906.7	490.8	-870.8	8.00	359.50	652.3	
8	7449.8	85.00	359.50	6913.3	565.5	-871.4	0.00	0.00	725.7	
9	7512.3	90.00	359.50	6916.0	627.9	-872.0	8.00	0.00	787.0	
10	11404.4	90.00	359.50	6916.0	4519.9	-906.2	0.00	0.00	4609.8	Seneca E15-72-1HN BHL 535'FNL, 330'FEL



WELL DETAILS: Seneca E15-72-1HN				
Ground Level: 4737.0				
0.0	0.0	1418771.10	3239745.29	-104.638160
Plan: APD - Rev 0 (Seneca E15-72-1HN/Original Drilling)				
Created By: Shailey Jewell		Date: 9:24, May 24 2013		

OK to submit with 2A as per Noble Drilling
 5/24/2013 9:39