

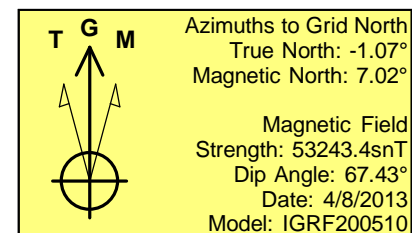
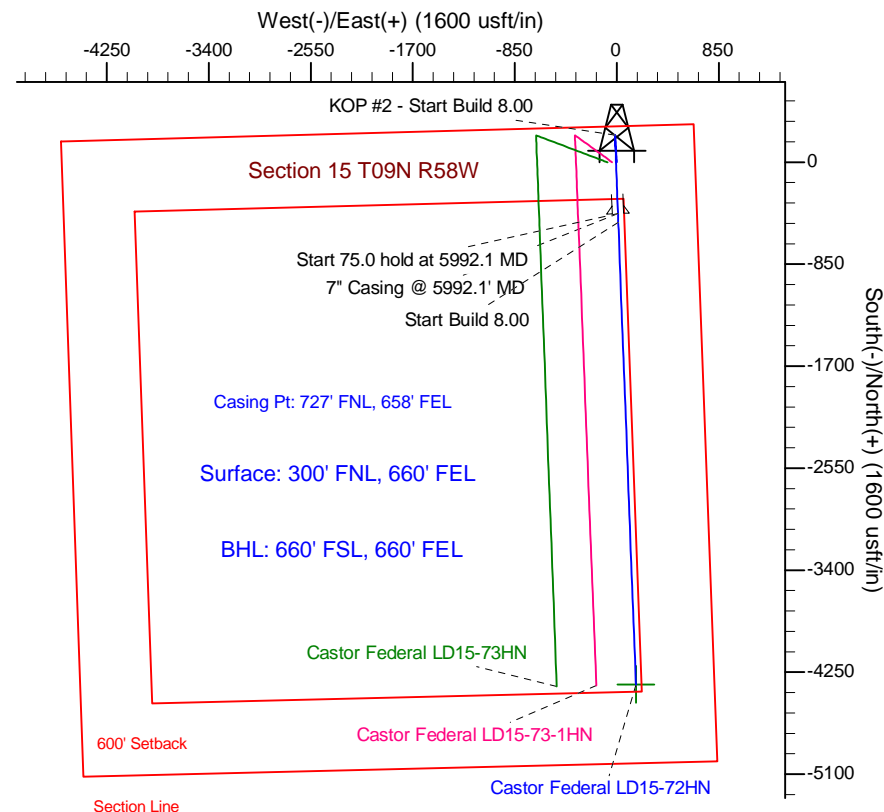
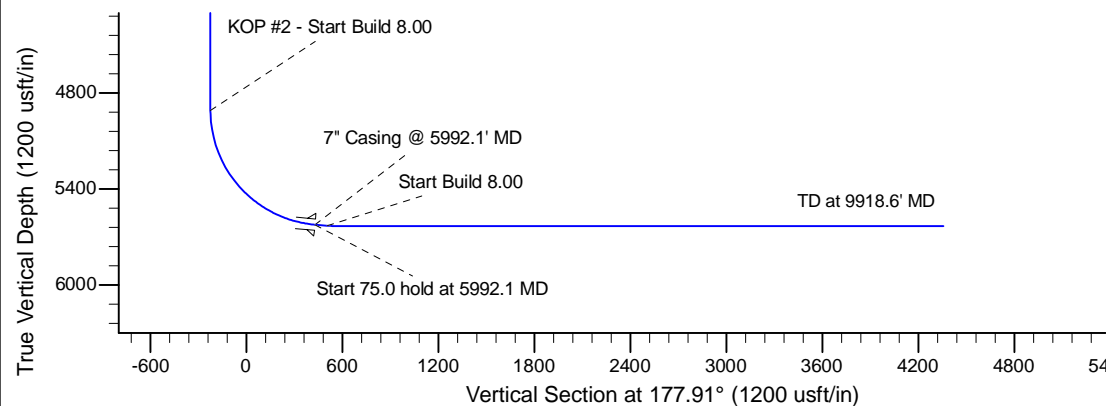
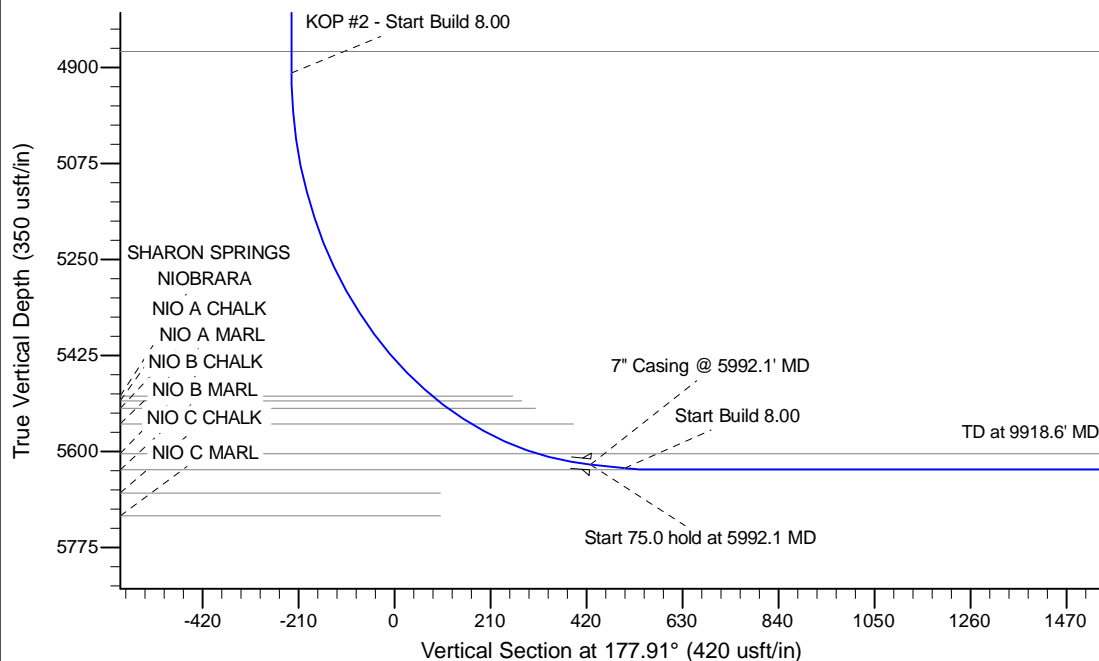
Project: Wattenberg Field
 Site: LD (Sec.15-T09N-R58W) Weld County, CO
 Well: Castor Federal LD15-72HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	2403.9	12.08	356.19	2399.4	63.3	-4.2	2.00	356.19	-63.4	
4	2875.5	12.08	356.19	2860.6	161.7	-10.8	0.00	0.00	-162.0	
5	3479.4	0.00	0.00	3460.0	225.0	-15.0	2.00	180.00	-225.4	
6	4929.6	0.00	0.00	4910.3	225.0	-15.0	0.00	0.00	-225.4	
7	5992.1	85.00	177.82	5623.7	-428.3	9.8	8.00	177.82	428.4	
8	6067.1	85.00	177.82	5630.3	-503.0	12.7	0.00	0.00	503.1	
9	6129.6	90.00	177.82	5633.0	-565.3	15.0	8.00	0.00	565.5	
10	9918.6	90.00	177.82	5633.0	-4351.6	158.9	0.00	0.00	4354.5	Castor Federal LD15-72HN BHL 660'FSL, 660'FEL



WELL DETAILS: Castor Federal LD15-72HN					
Ground Level:		4704.0			
0.0	0.0	Northing	Easting	Latitude	Longitude
		1523221.58	3458978.90	40.757860	-103.843180
Plan: APD - Rev 0 (Castor Federal LD15-72HN/Original Drilling)					
Created By: Shailey Jewell		Date: 15:29, April 08 2013			
Checked: _____		Date: _____			
Reviewed: _____		Date: _____			
Approved: _____		Date: _____			