

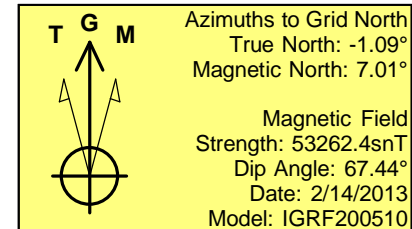
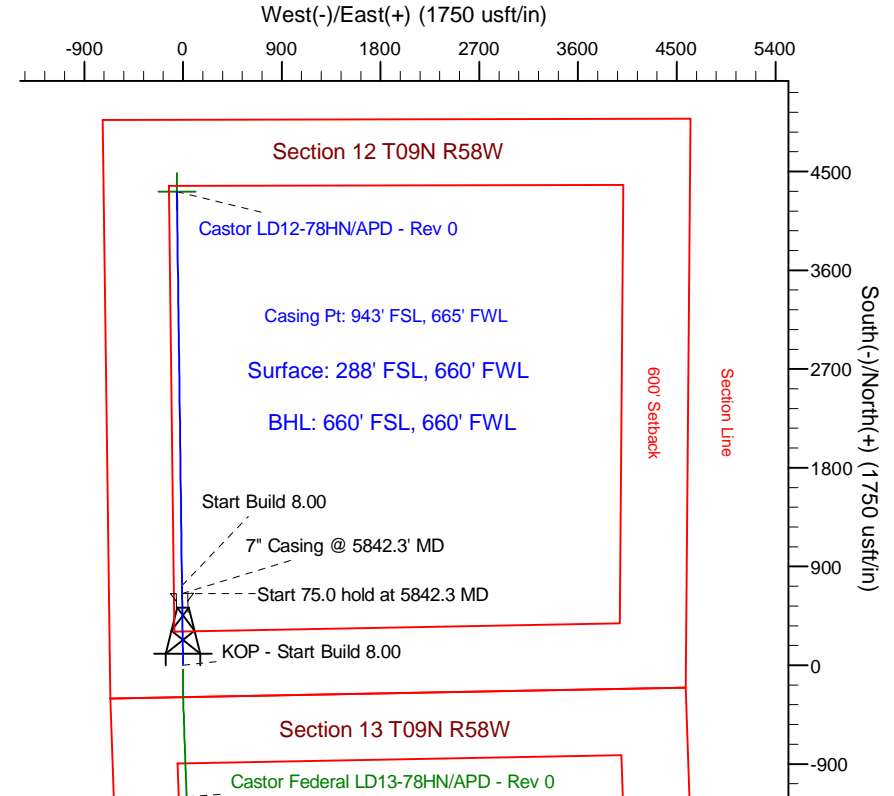
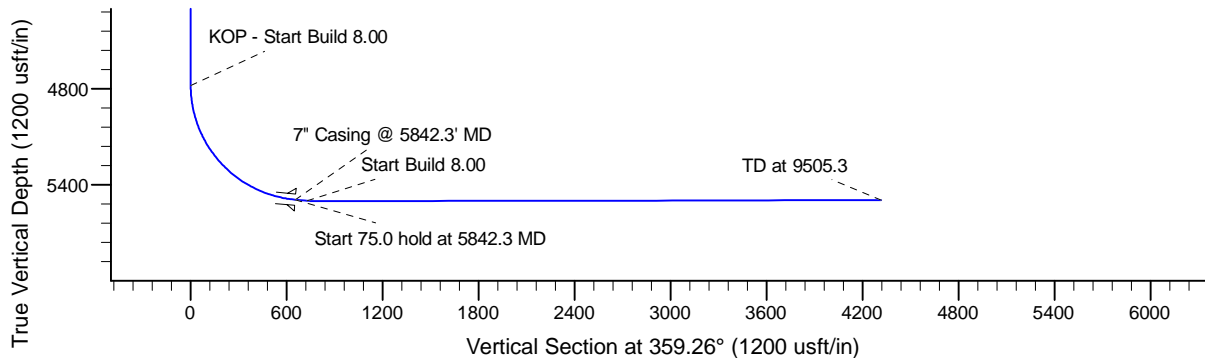
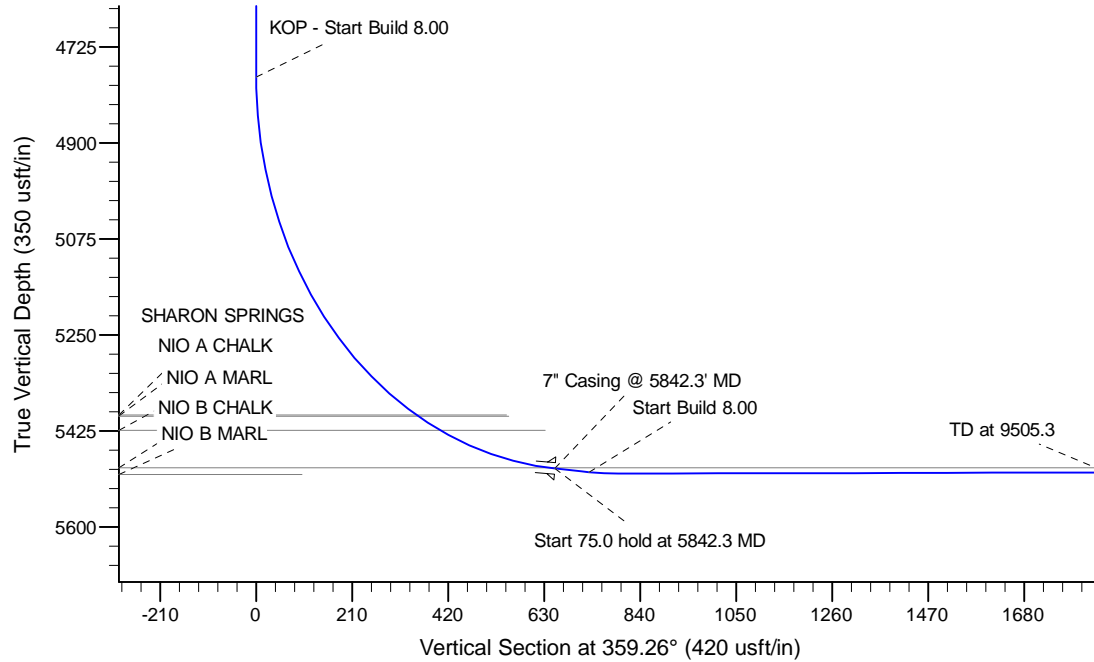
Project: Wattenberg Field
Site: LD (Sec.12-T09N-R58W) Weld County, CO
Well: Castor LD12-78HN
Wellbore: Original Drilling
Design: APD - Rev 0

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	4779.8	0.00	0.00	4779.8	0.0	0.0	0.00	0.00	0.0	
3	5842.3	85.00	359.26	5493.3	653.7	-8.4	8.00	359.26	653.8	
4	5917.3	85.00	359.26	5499.8	728.4	-9.4	0.00	0.00	728.5	
5	5981.1	90.10	359.26	5502.6	792.1	-10.2	8.00	0.00	792.2	
6	9505.3	90.10	359.26	5496.4	4316.0	-55.8	0.00	0.00	4316.4	Castor LD12-78HN BHL 660'FNL, 660'FWL



WELL DETAILS: Castor LD12-78HN

Ground Level: 4630.0			
Northing	Easting	Latitude	Longitude
0.0	0.0	1524008.06	3465567.88
		40.759678	-103.819347

Plan: APD - Rev 0 (Castor LD12-78HN/Original Drilling)

Created By: Shailey Jewell Date: 9:26, February 22 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____