

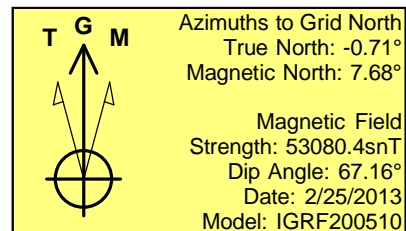
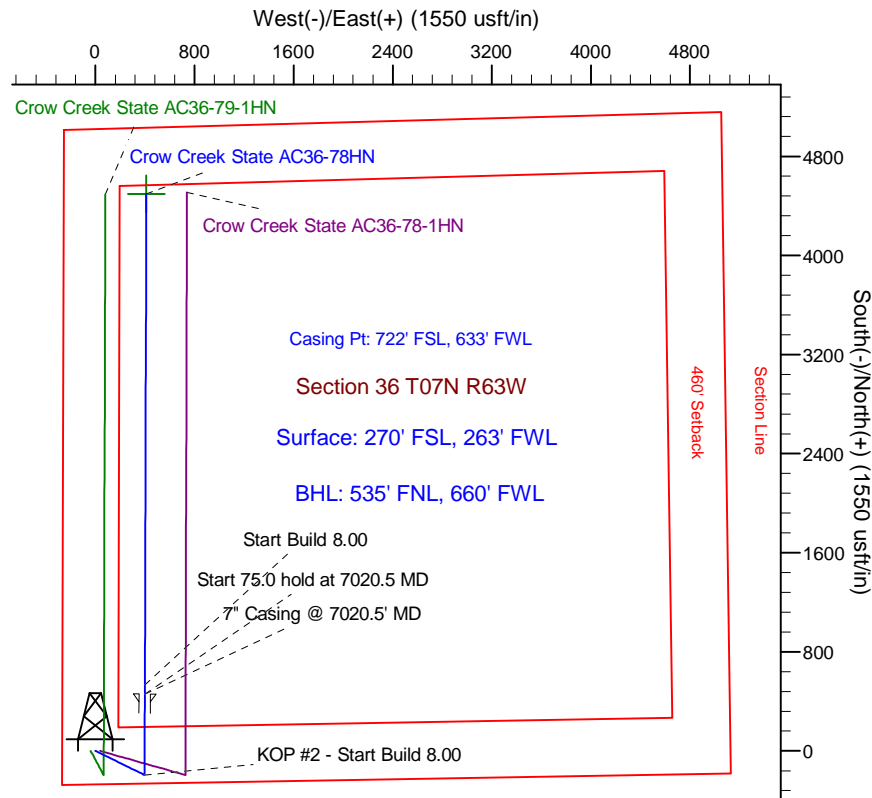
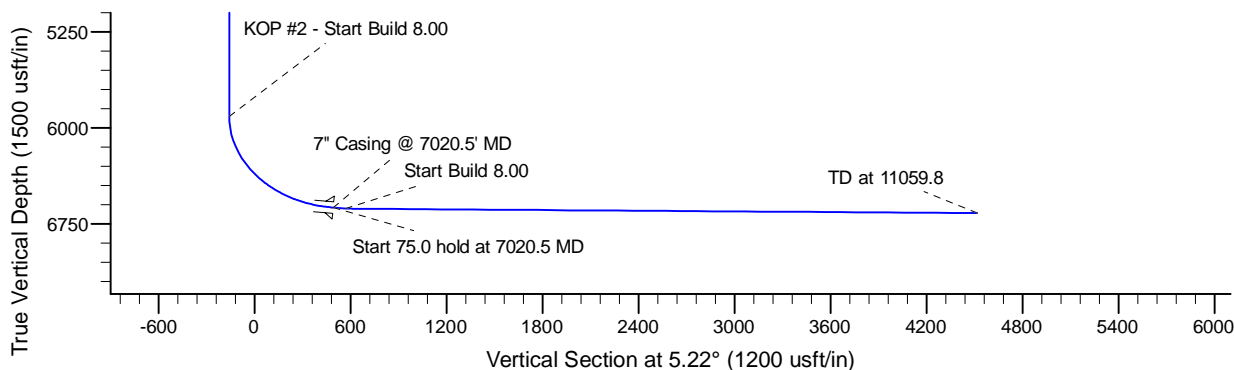
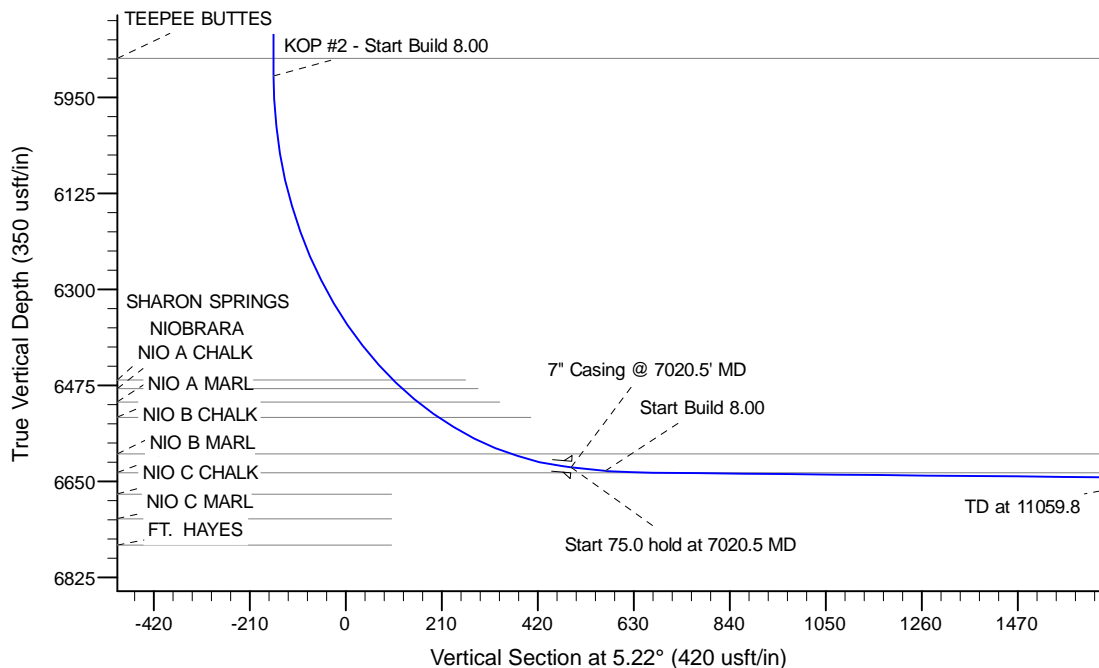
Project: Wattenberg Field
 Site: AC (Sec.36-T07N-R63W) Weld County, CO
 Well: Crow Creek State AC36-78HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	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	2501.5	14.03	116.16	2494.6	-37.7	76.7	2.00	116.16	-30.5	
4	3620.8	14.03	116.16	3580.4	-157.3	320.3	0.00	0.00	-127.5	
5	4322.4	0.00	0.00	4275.0	-195.0	397.0	2.00	180.00	-158.1	
6	5958.0	0.00	0.00	5910.6	-195.0	397.0	0.00	0.00	-158.1	
7	7020.5	85.00	0.17	6624.1	458.8	398.9	8.00	0.17	493.2	
8	7095.5	85.00	0.17	6630.6	533.5	399.2	0.00	0.00	567.6	
9	7151.7	89.50	0.17	6633.3	589.7	399.3	8.00	0.00	623.5	
10	11059.8	89.50	0.17	6667.4	4497.6	410.9	0.00	0.00	4516.3	Crow Creek State AC36-78HN BHL 535'FNL, 660'FWL



WELL DETAILS: Crow Creek State AC36-78HN

Ground Level: 4774.0			
Northing	Easting	Latitude	Longitude
0.0	0.0	1435493.42	3307657.64
		40.523560	-104.393300

Plan: APD - Rev 0 (Crow Creek State AC36-78HN/Original Drilling)

Created By: Shailey Jewell Date: 14:34, February 25 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____