

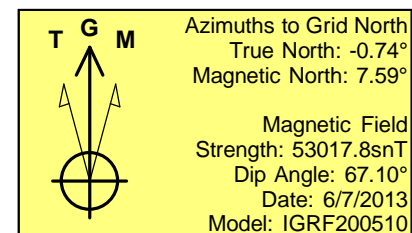
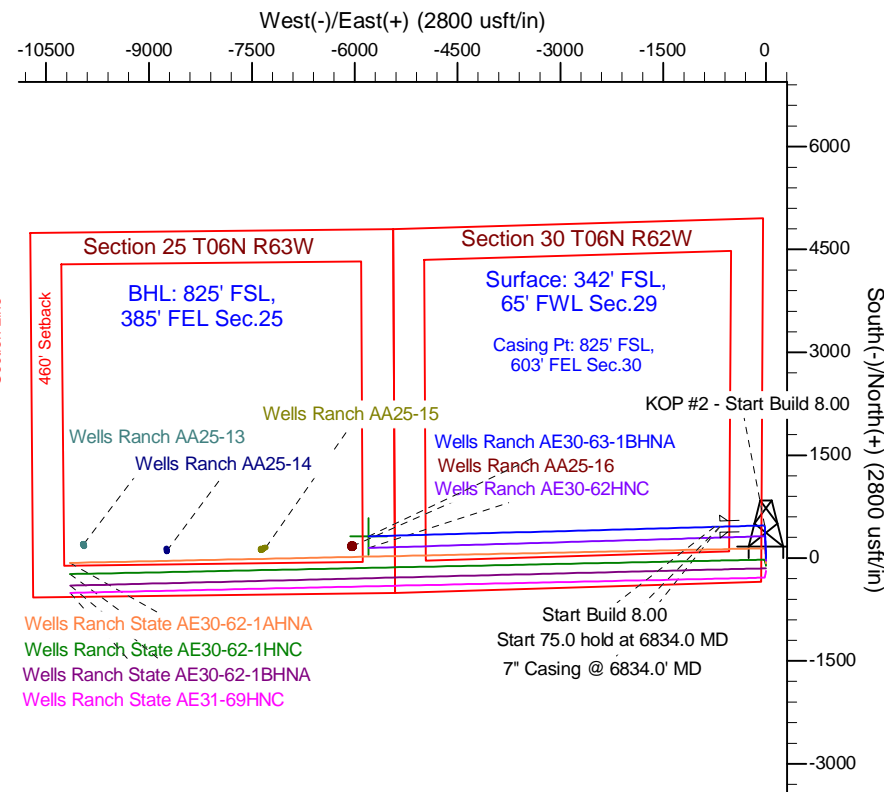
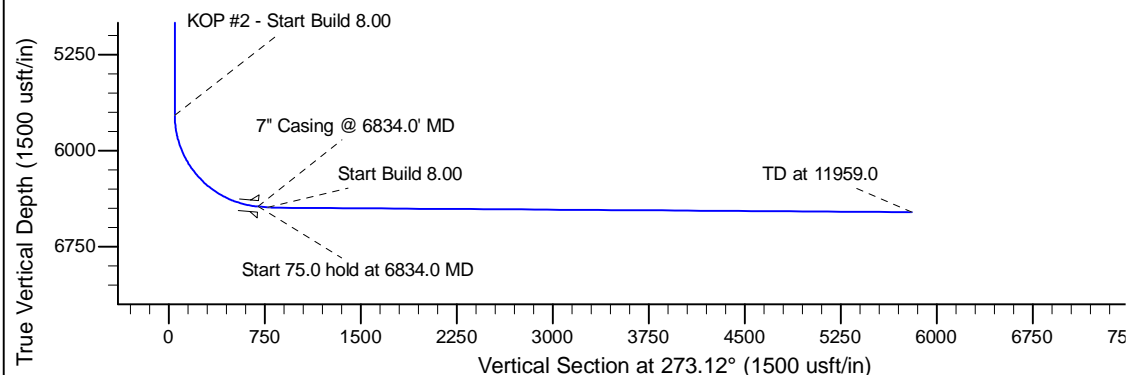
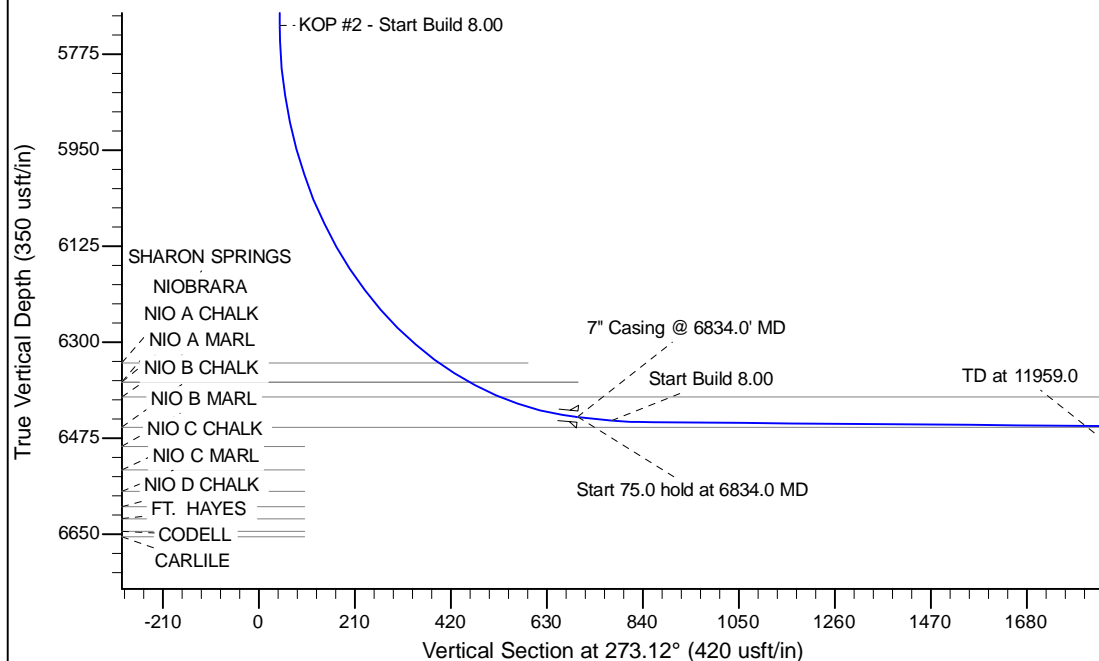
Project: Wattenberg Field
 Site: AE (Sec.29-T06N-R62W) Weld County, CO
 Well: Wells Ranch AE30-63-1BHNA
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1650.9	13.02	357.59	1645.3	73.6	-3.1	2.00	357.59	7.1	
4	3107.7	13.02	357.59	3064.7	401.4	-16.9	0.00	0.00	38.7	
5	3758.6	0.00	0.00	3710.0	475.0	-20.0	2.00	180.00	45.8	
6	5771.5	0.00	0.00	5722.9	475.0	-20.0	0.00	0.00	45.8	
7	6834.0	85.00	268.42	6436.4	457.0	-673.5	8.00	268.42	697.4	
8	6909.0	85.00	268.42	6442.9	454.9	-748.2	0.00	0.00	771.9	
9	6966.5	89.60	268.42	6445.6	453.3	-805.6	8.00	0.00	829.1	
10	11959.0	89.60	268.42	6480.5	315.8	-5796.1	0.00	0.00	5804.7	Wells Ranch AE30-63-1BHNA BHL 825'FSL, 385'FEL



WELL DETAILS: Wells Ranch AE30-63-1BHNA					
Ground Level: 4749.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1409319.82	3318290.54	40.451350	-104.356270
Plan: APD - Rev 0 (Wells Ranch AE30-63-1BHNA/Original Drilling)					
Created By: Shailey Jewell			Date: 8:20, September 13 2013		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		