

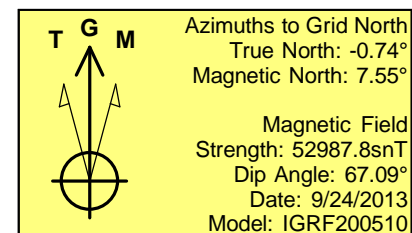
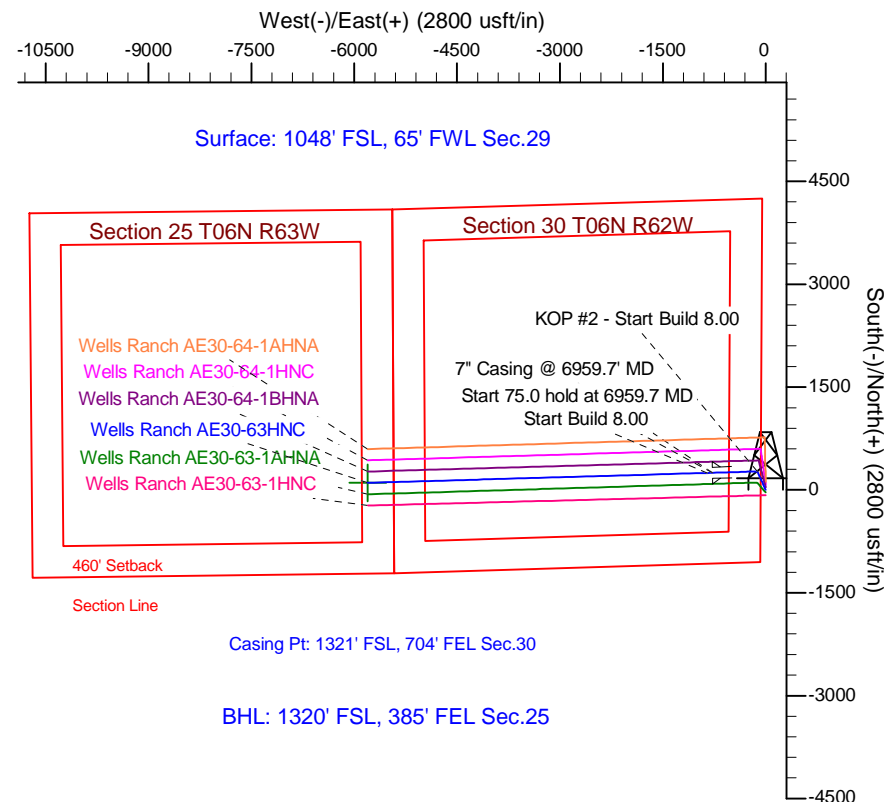
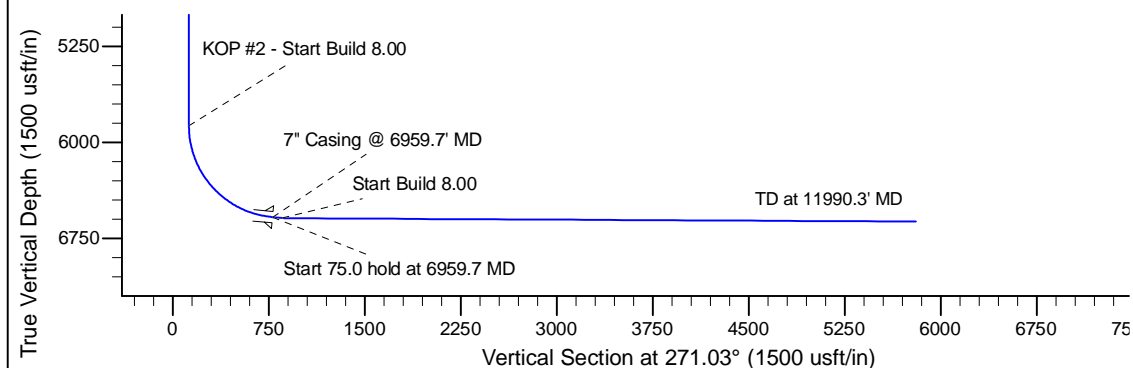
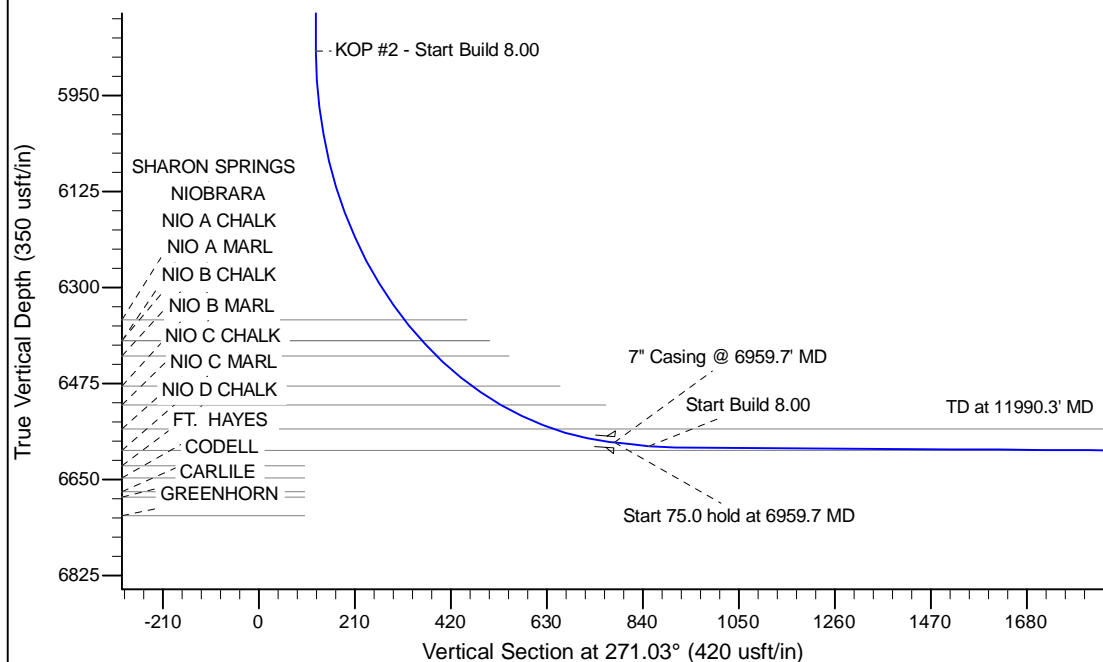
Project: Wattenberg Field
Site: AE (Sec.29-T06N-R62W) Weld County, CO
Well: Wells Ranch AE30-63HNC
Wellbore: Original Drilling
Design: APD - Rev 0

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	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	2452.6	13.05	336.04	2446.9	67.6	-30.1	2.00	336.04	31.3	
4	3105.6	13.05	336.04	3083.1	202.4	-89.9	0.00	0.00	93.6	
5	3758.1	0.00	0.00	3730.0	270.0	-120.0	2.00	180.00	124.8	
6	5897.2	0.00	0.00	5869.0	270.0	-120.0	0.00	0.00	124.8	
7	6959.7	85.00	268.33	6582.5	251.0	-773.5	8.00	268.33	777.9	
8	7034.7	85.00	268.33	6589.0	248.8	-848.2	0.00	0.00	852.5	
9	7093.4	89.70	268.33	6591.8	247.1	-906.8	8.00	0.00	911.1	
10	11990.3	89.70	268.33	6617.4	104.4	-5801.6	0.00	0.00	5802.5	Wells Ranch AE30-63HNC BHL 1320'FSL, 385'FEL



WELL DETAILS: Wells Ranch AE30-63HNC					
Ground Level: 4752.0					
	Northing	Easting	Latitude	Longitude	
0.0	0.0	1410026.66	3318292.56	40.453290	-104.356230
Plan: APD - Rev 0 (Wells Ranch AE30-63HNC/Original Drilling)					
Created By: Shailey Jewell			Date: 10:17, September 25 2013		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		