

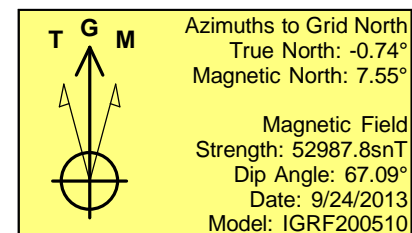
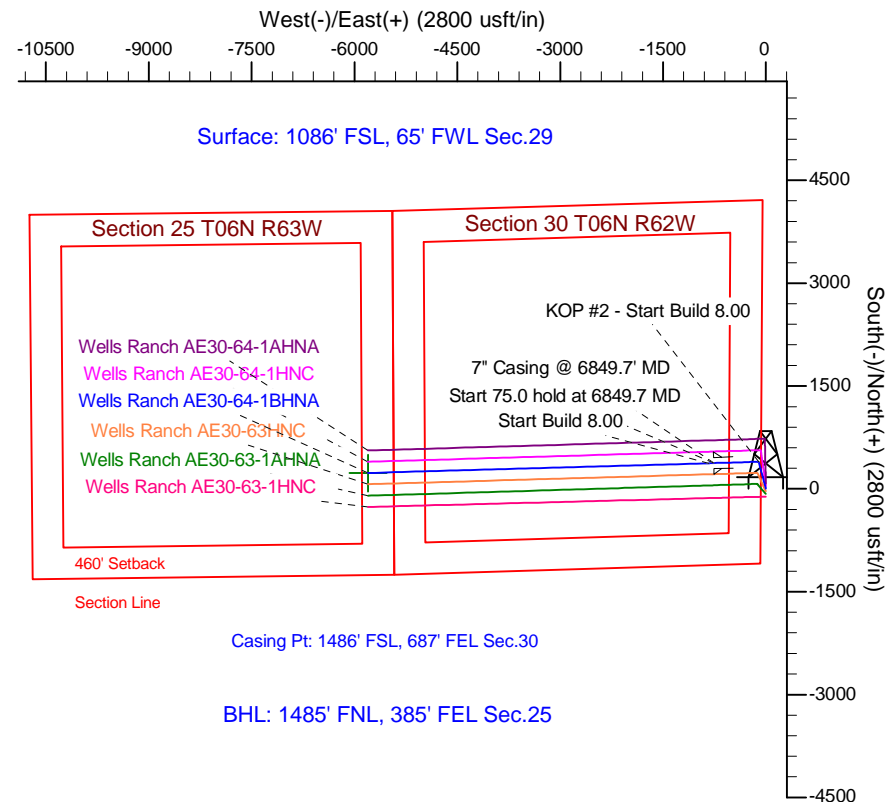
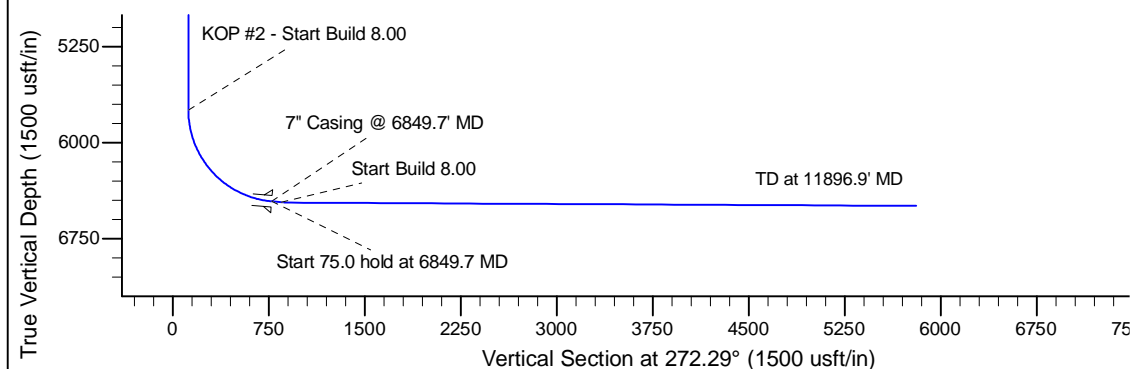
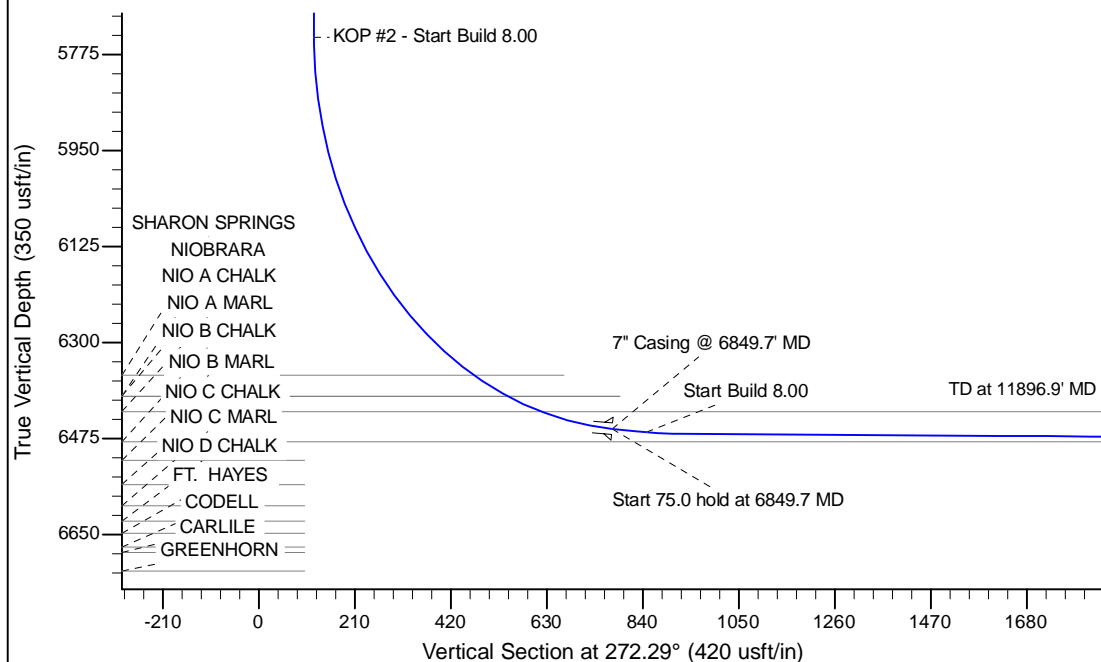
Project: Wattenberg Field  
Site: AE (Sec.29-T06N-R62W) Weld County, CO  
Well: Wells Ranch AE30-64-1BHNA  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2202.0	14.04	345.11	2195.0	82.7	-22.0	2.00	345.11	25.3	
4	3181.3	14.04	345.11	3145.0	312.3	-83.0	0.00	0.00	95.4	
5	3883.3	0.00	0.00	3840.0	395.0	-105.0	2.00	180.00	120.7	
6	5787.2	0.00	0.00	5743.9	395.0	-105.0	0.00	0.00	120.7	
7	6849.7	85.00	268.36	6457.4	376.3	-758.5	8.00	268.36	772.9	
8	6924.7	85.00	268.36	6464.0	374.2	-833.2	0.00	0.00	847.5	
9	6983.5	89.70	268.36	6466.7	372.5	-891.8	8.00	0.00	906.0	
10	11896.9	89.70	268.36	6492.4	231.9	-5803.2	0.00	0.00	5807.8	Wells Ranch AE30-64-1BHNA BHL 1485'FSL, 385'FEL



WELL DETAILS: Wells Ranch AE30-64-1BHNA					
Ground Level: 4753.0					
	North	East	Lat	Long	
0.0	0.0	1410063.12	3318294.87	40.453390	-104.356220
Plan: APD - Rev 0 (Wells Ranch AE30-64-1BHNA/Original Drilling)					
Created By: Shailey Jewell			Date: 14:52, September 24 2013		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		