

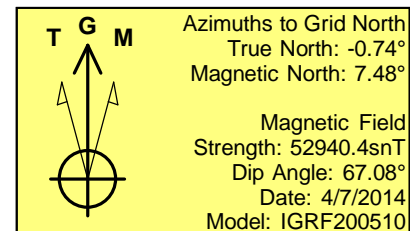
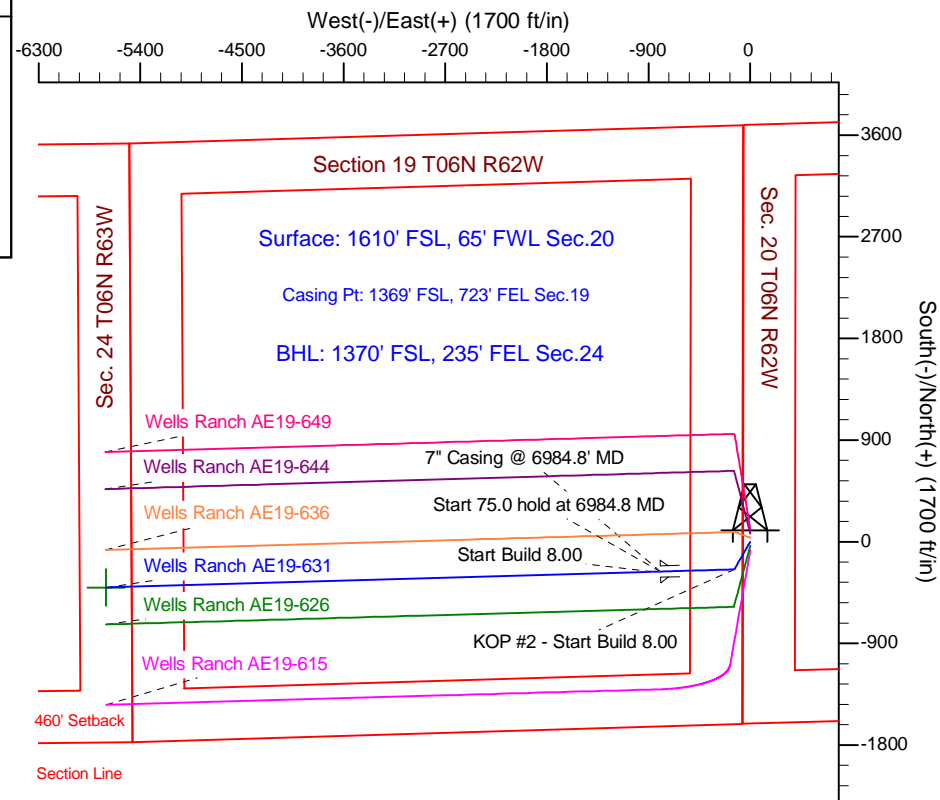
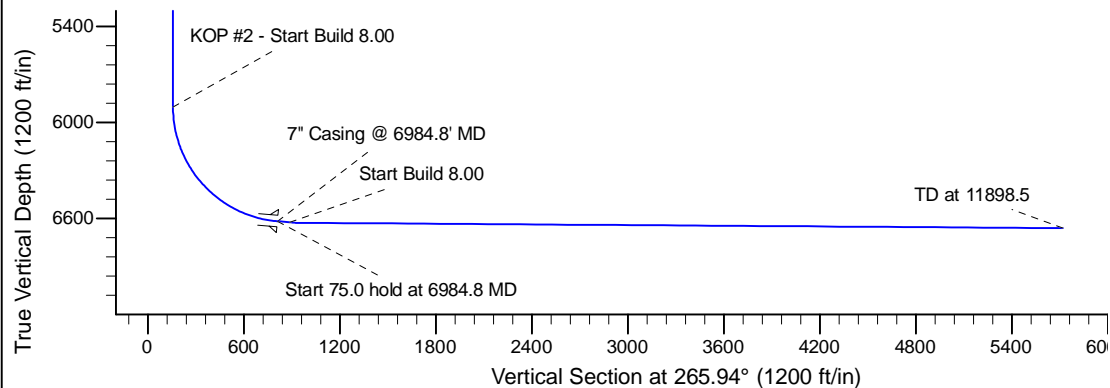
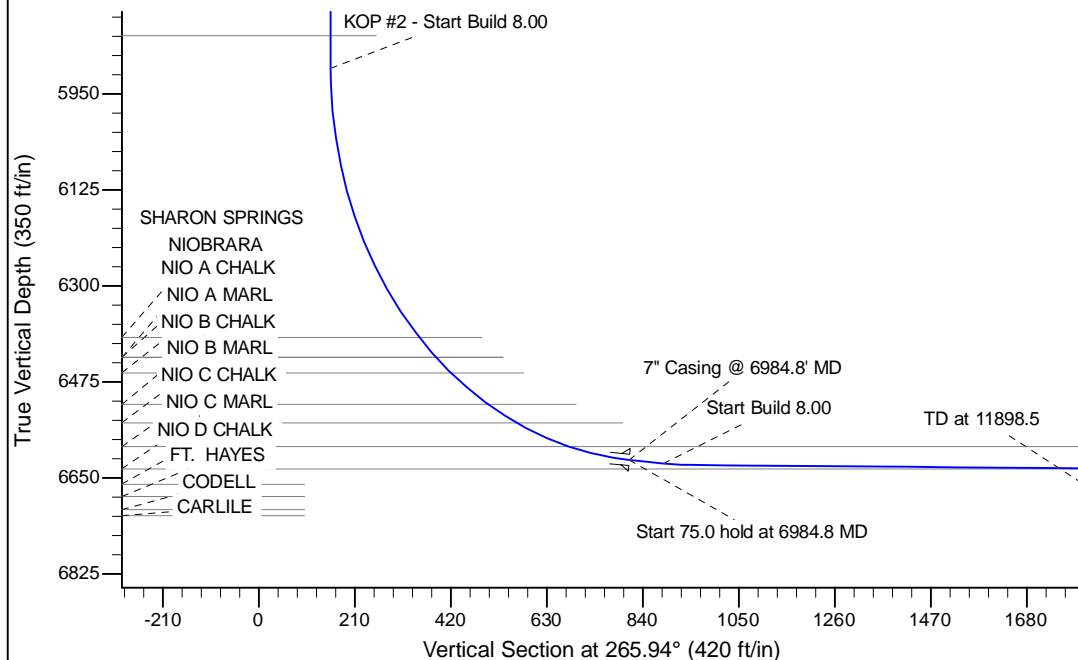
Project: Wattenberg Field  
Site: AE (Sec.20-T06N-R62W) Weld County, CO  
Well: Wells Ranch AE19-631  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2200.9	8.02	209.74	2199.5	-24.3	-13.9	2.00	209.74	15.6	
4	3822.6	8.02	209.74	3805.5	-220.7	-126.1	0.00	0.00	141.4	
5	4223.5	0.00	0.00	4205.0	-245.0	-140.0	2.00	180.00	157.0	
6	5922.3	0.00	0.00	5903.8	-245.0	-140.0	0.00	0.00	157.0	
7	6984.8	85.00	268.36	6617.3	-263.7	-793.5	8.00	268.36	810.2	
8	7059.8	85.00	268.36	6623.8	-265.9	-868.2	0.00	0.00	884.8	
9	7117.3	89.60	268.36	6626.5	-267.5	-925.6	8.00	0.00	942.2	
10	11898.5	89.60	268.36	6659.9	-404.5	-5704.7	0.00	0.00	5719.1	Wells Ranch AE19-631 BHL 1370'FSL, 235'FEL



WELL DETAILS: Wells Ranch AE19-631					
Ground Level: 4786.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1415889.08	3318317.11	40.469380	-104.355870
Plan: APD - Rev 0 (Wells Ranch AE19-631/Original Drilling)					
Created By: Shailey Jewell			Date: 13:31, April 07 2014		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		