

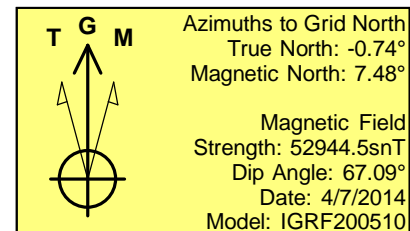
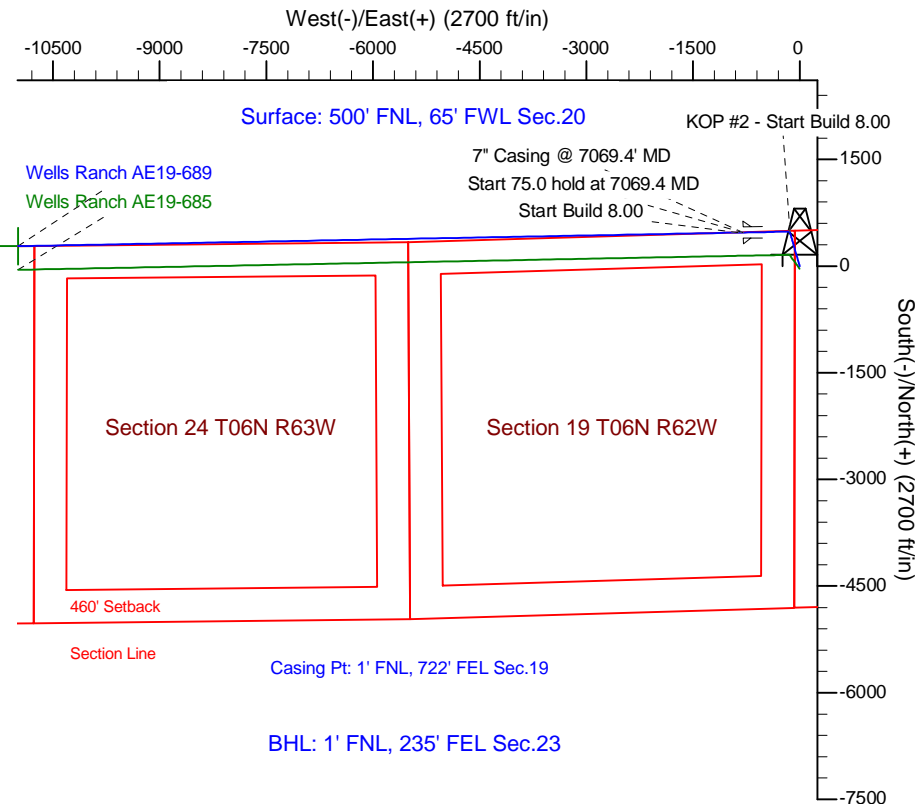
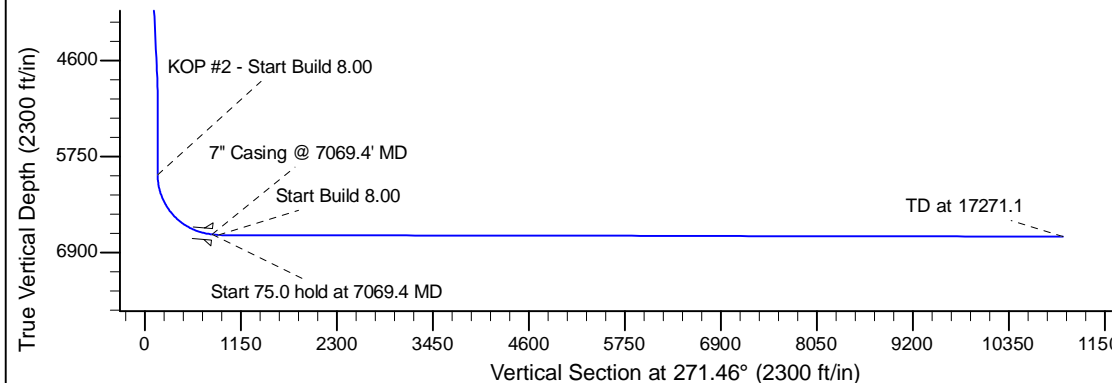
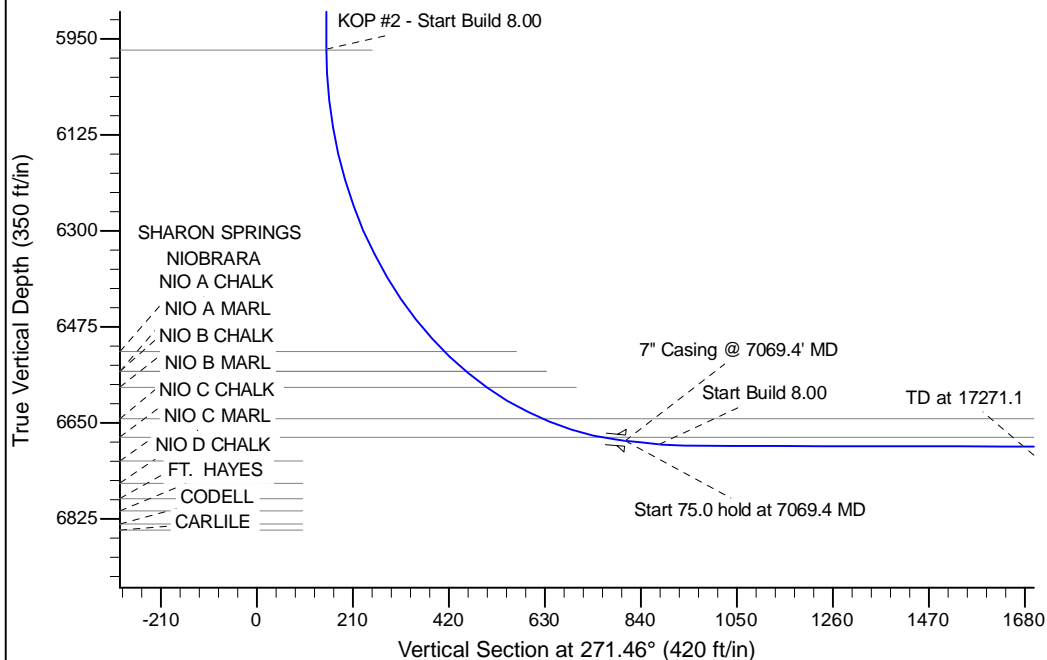
Project: Wattenberg Field  
Site: AE (Sec.20-T06N-R62W) Weld County, CO  
Well: Wells Ranch AE19-689  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1951.3	9.03	343.90	1949.5	34.1	-9.8	2.00	343.90	10.7	
4	4716.7	9.03	343.90	4680.5	450.9	-130.2	0.00	0.00	141.6	
5	5168.0	0.00	0.00	5130.0	485.0	-140.0	2.00	180.00	152.3	
6	6006.9	0.00	0.00	5968.9	485.0	-140.0	0.00	0.00	152.3	
7	7069.4	85.00	268.92	6682.4	472.6	-793.7	8.00	268.92	805.4	
8	7144.4	85.00	268.92	6688.9	471.2	-868.4	0.00	0.00	880.1	
9	7205.6	89.90	268.92	6691.6	470.1	-929.5	8.00	0.00	941.2	
10	17271.1	89.90	268.92	6709.2	279.6	-10993.2	0.00	0.00	10996.8	Wells Ranch AE19-689 BHL 1'FNL, 235'FEL



WELL DETAILS: Wells Ranch AE19-689					
Ground Level: 4842.0					
0.0	0.0	Northing	Eastings	Latitude	Longitude
		1419080.76	3318326.00	40.478140	-104.355690
Plan: APD - Rev 0 (Wells Ranch AE19-689/Original Drilling)					
Created By: Shailey Jewell			Date: 15:07, April 07 2014		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		