

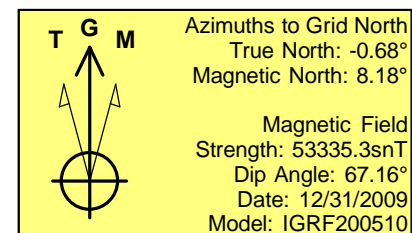
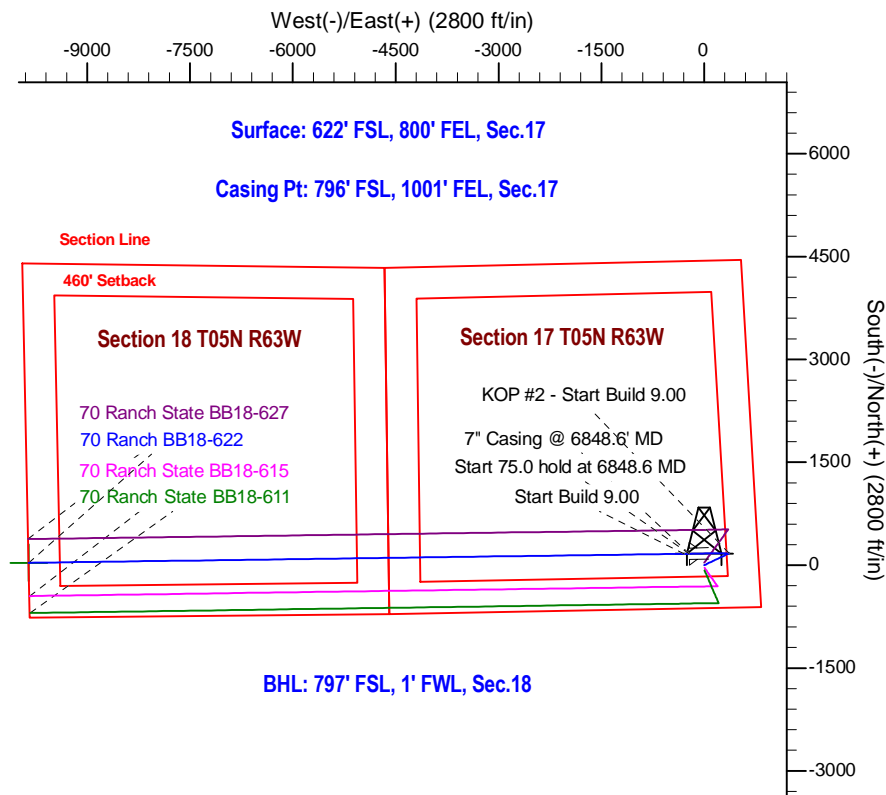
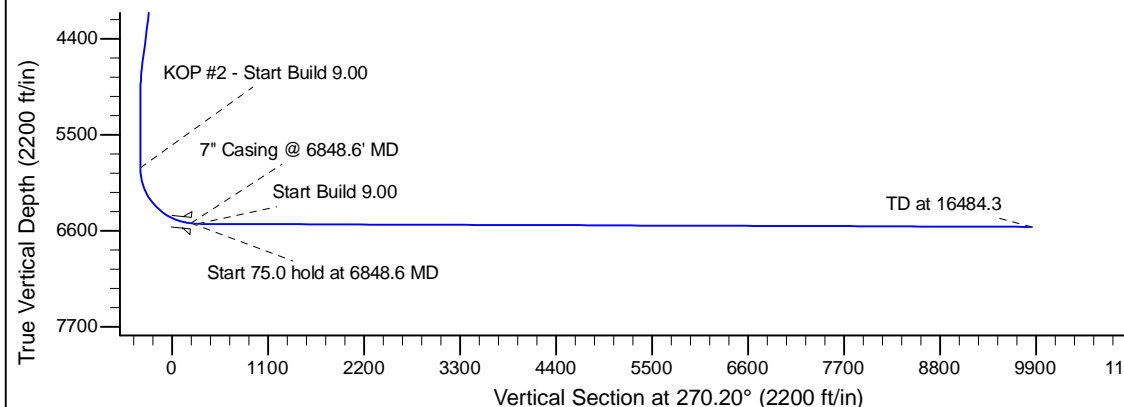
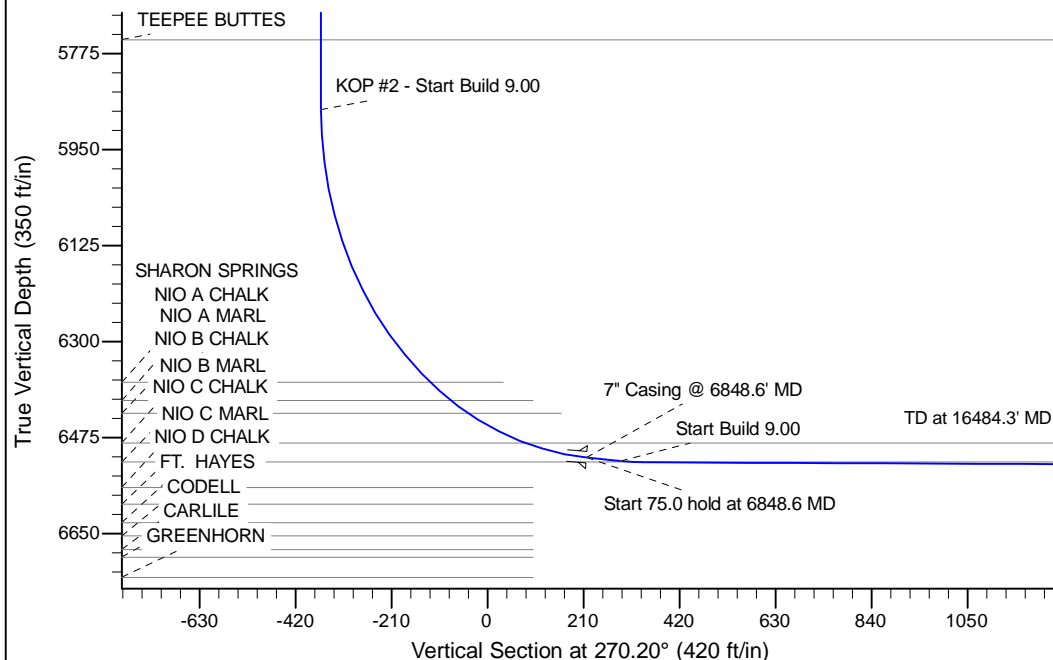
Project: Wattenberg Field  
Site: BB (Sec.17-T05N-R63W) Weld County, CO  
Well: 70 Ranch BB18-622  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	2200.9	8.02	64.38	2199.6	12.1	25.3	2.00	64.38	-25.2	
4	4701.1	8.02	64.38	4675.4	162.9	339.7	0.00	0.00	-339.2	
5	5102.1	0.00	0.00	5075.0	175.0	365.0	2.00	180.00	-364.4	
6	5904.1	0.00	0.00	5877.1	175.0	365.0	0.00	0.00	-364.4	
7	6848.6	85.00	269.22	6511.3	167.0	-216.1	9.00	269.22	216.7	
8	6923.6	85.00	269.22	6517.8	166.0	-290.8	0.00	0.00	291.4	
9	6976.9	89.80	269.22	6520.2	165.3	-344.0	9.00	0.00	344.6	
10	16484.3	89.80	269.22	6553.4	35.1	-9850.5	0.00	0.00	9850.6	70 Ranch BB18-622 BHL 797'FSL, 1'FWL



WELL DETAILS: 70 Ranch BB18-622				
Ground Level: 4647.0				
0.0	0.0	Northing	Easting	Latitude
		1388003.05	3291442.20	40.393750
				Longitude
				-104.453640
Plan: APD - Rev 0 (70 Ranch BB18-622/Original Drilling)				
Created By: Shailey Jewell		Date: 14:25, January 29 2015		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		