

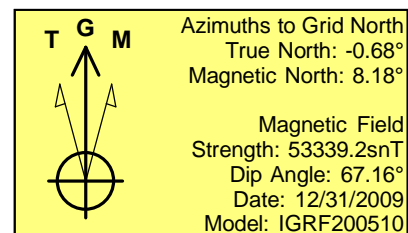
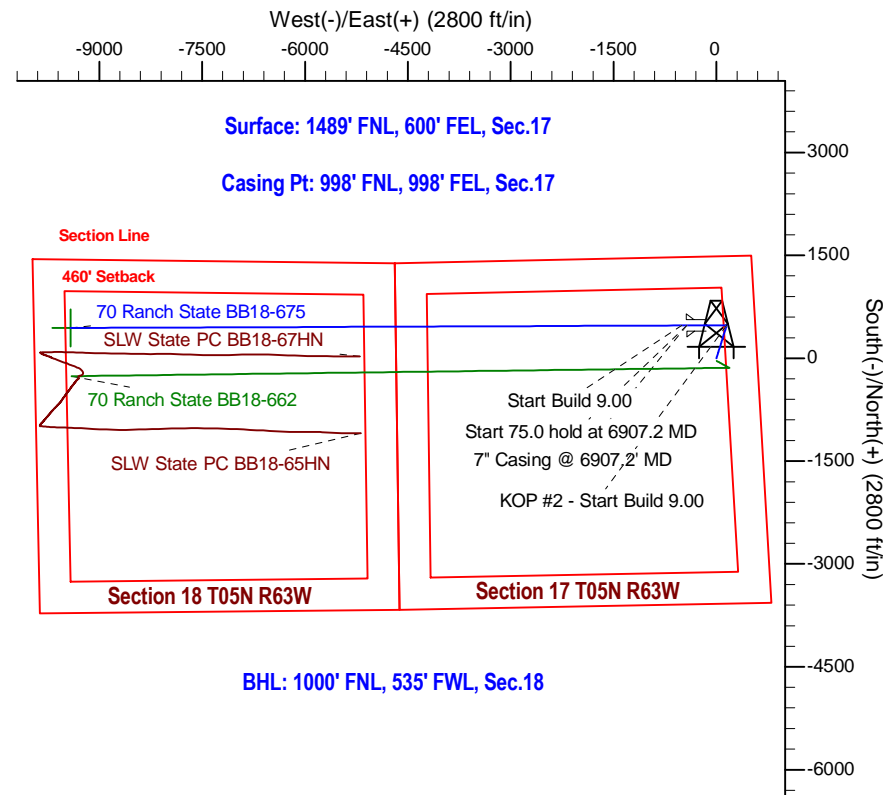
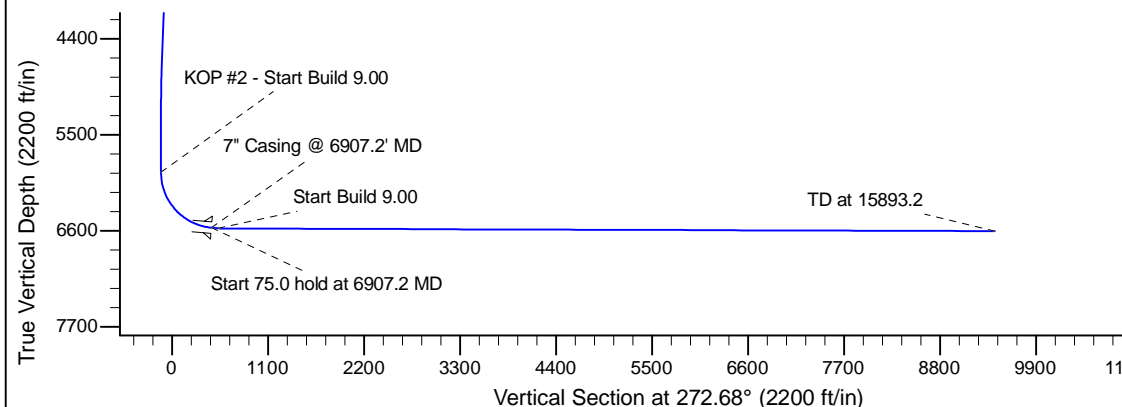
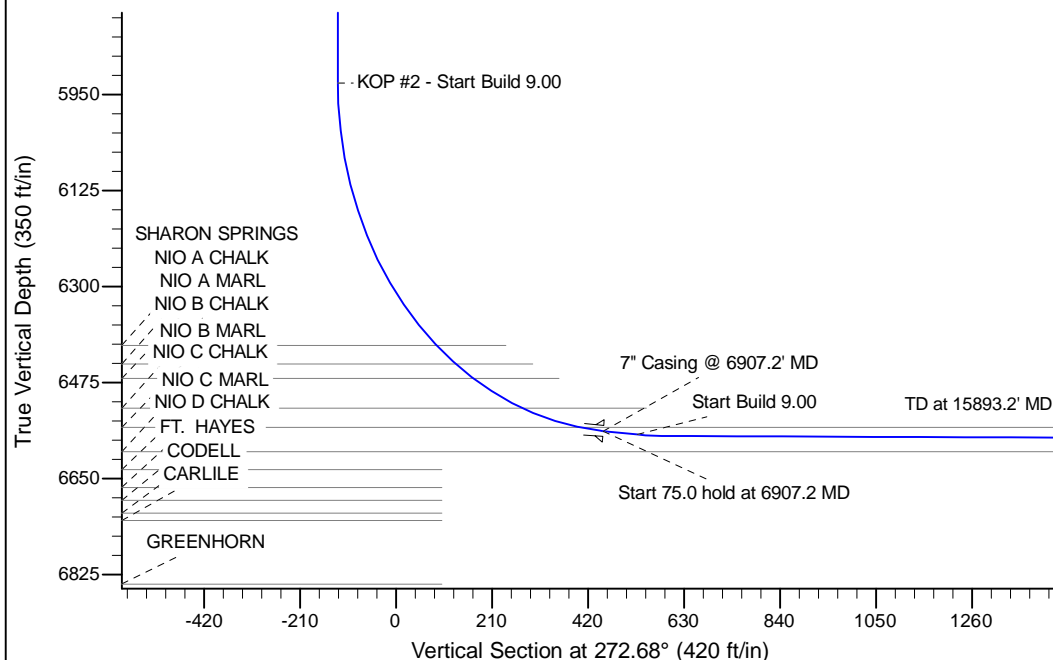
Project: Wattenberg Field  
 Site: BB (Sec.17-T05N-R63W) Weld County, CO  
 Well: 70 Ranch State BB18-675  
 Wellbore: Original Drilling  
 Design: APD - Rev 1

# 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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1600.5	8.01	17.35	1599.2	26.7	8.3	2.00	17.35	-7.1	
4	4808.4	8.01	17.35	4775.8	453.3	141.7	0.00	0.00	-120.3	
5	5208.9	0.00	0.00	5175.0	480.0	150.0	2.00	180.00	-127.4	
6	5962.7	0.00	0.00	5928.8	480.0	150.0	0.00	0.00	-127.4	
7	6907.2	85.00	269.77	6563.0	477.6	-431.1	9.00	269.77	453.0	
8	6982.2	85.00	269.77	6569.6	477.3	-505.8	0.00	0.00	527.6	
9	7035.5	89.80	269.77	6572.0	477.1	-559.1	9.00	0.00	580.8	
10	15893.2	89.80	269.77	6602.9	440.8	-9416.6	0.00	0.00	9427.0	70 Ranch State BB18-675 BHL 1000'FNL, 535'FWL



WELL DETAILS: 70 Ranch State BB18-675				
Ground Level: 4680.0				
0.0	0.0	Northing	Easting	Latitude
		1390958.05	3291471.39	40.401860
				Longitude
				-104.453410
Plan: APD - Rev 1 (70 Ranch State BB18-675/Original Drilling)				
Created By: Shailey Jewell		Date: 15:37, March 31 2015		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		