

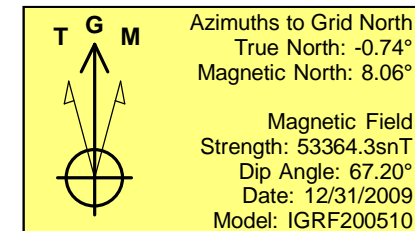
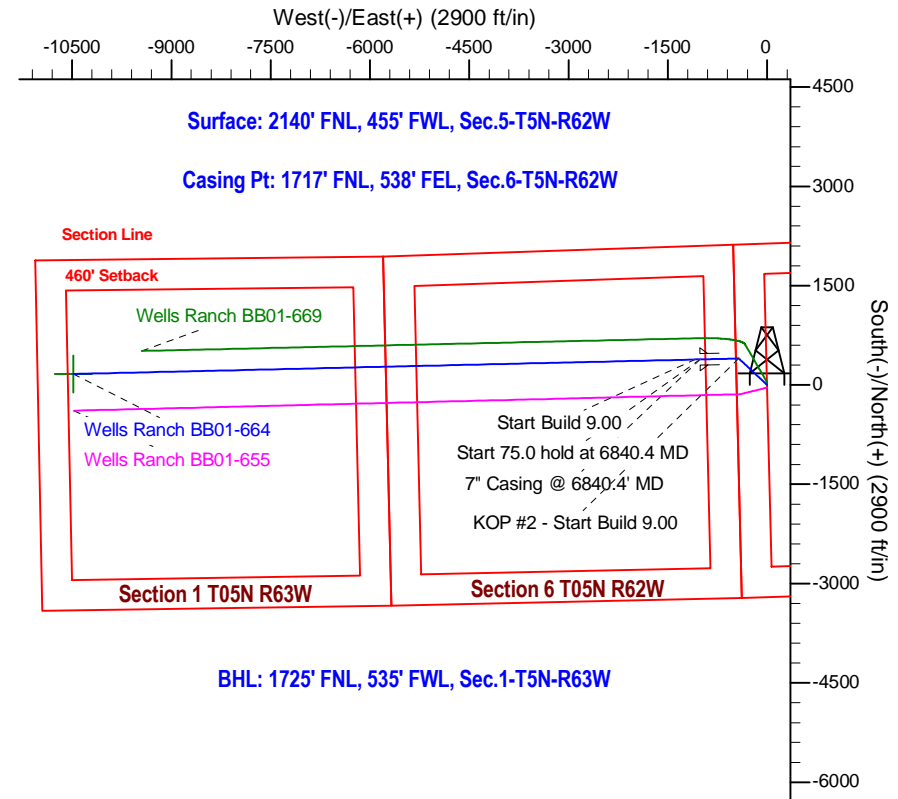
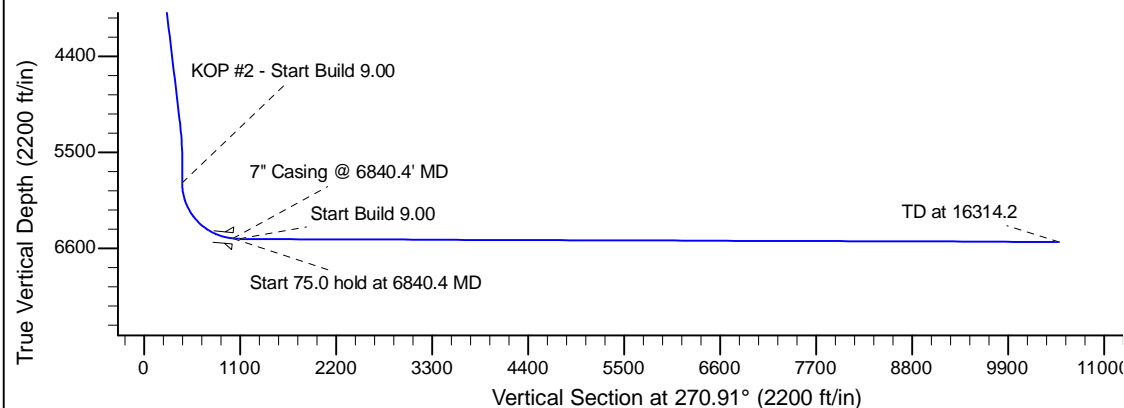
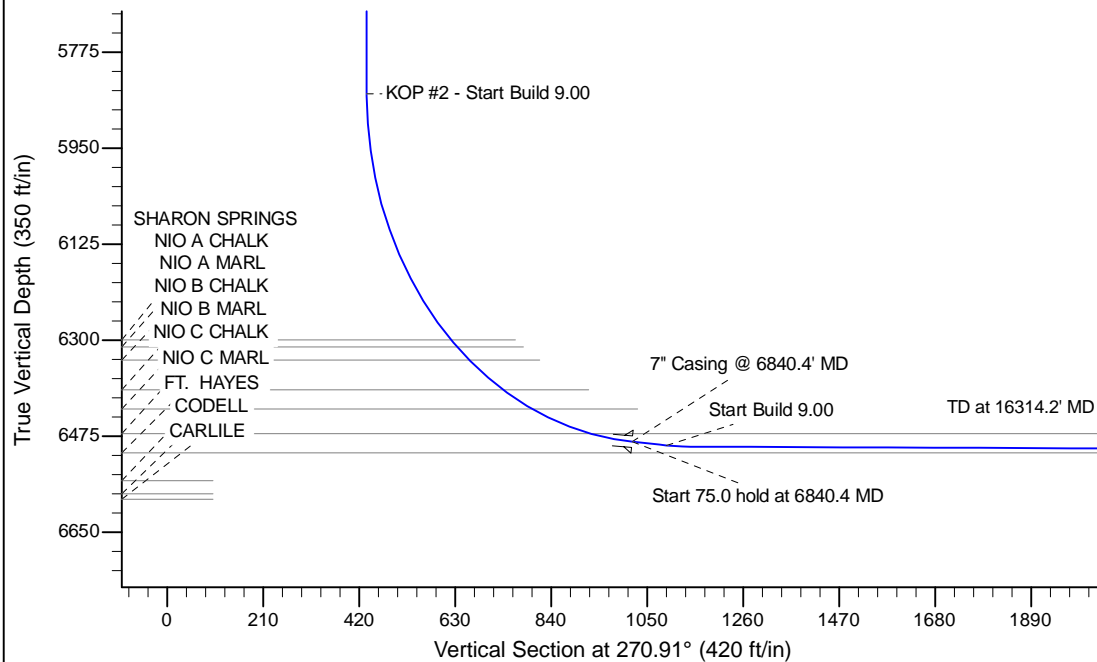
Project: Wattenberg Field  
 Site: BB (Sec.5-T05N-R62W) Weld County, CO  
 Well: Wells Ranch BB01-664  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1958.2	9.16	312.93	1956.2	24.9	-26.8	2.00	312.93	27.2	
4	5187.0	9.16	312.93	5143.8	375.1	-403.2	0.00	0.00	409.1	
5	5645.1	0.00	0.00	5600.0	400.0	-430.0	2.00	180.00	436.3	
6	5895.9	0.00	0.00	5850.8	400.0	-430.0	0.00	0.00	436.3	
7	6840.4	85.00	268.66	6485.0	386.5	-1011.0	9.00	268.66	1017.0	
8	6915.4	85.00	268.66	6491.6	384.7	-1085.7	0.00	0.00	1091.6	
9	6968.7	89.80	268.66	6494.0	383.5	-1138.9	9.00	0.00	1144.8	
10	16314.2	89.80	268.66	6526.6	165.7	-10481.8	0.00	0.00	10483.1	Wells Ranch BB01-664 BHL 1725'FNL, 535'FWL



WELL DETAILS: Wells Ranch BB01-664					
Ground Level: 4678.0					
0.0	0.0	Northing 1401572.22	Easting 3318705.08	Latitude 40.430070	Longitude -104.355140
Plan: APD - Rev 0 (Wells Ranch BB01-664/Original Drilling)					
Created By: Shailey Jewell			Date: 11:06, April 20 2015		
OK to submit with 2A as per Noble Drilling 4/20/2015 11:11					