

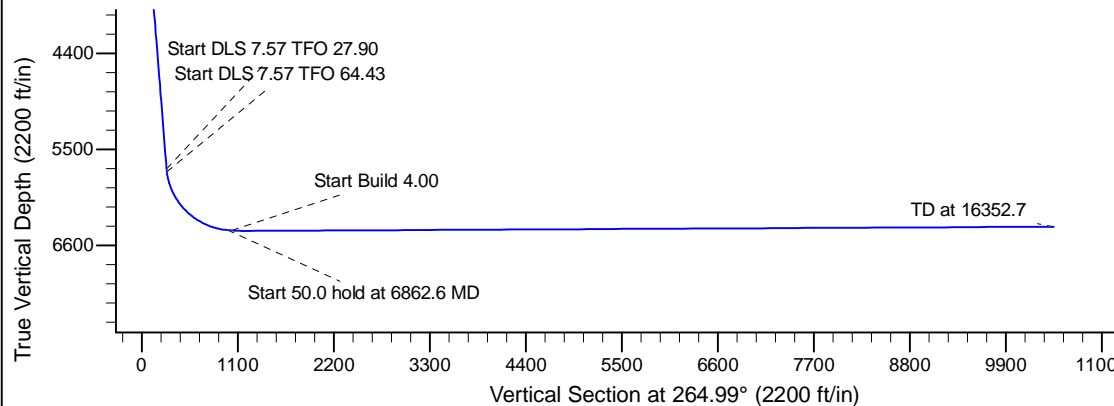
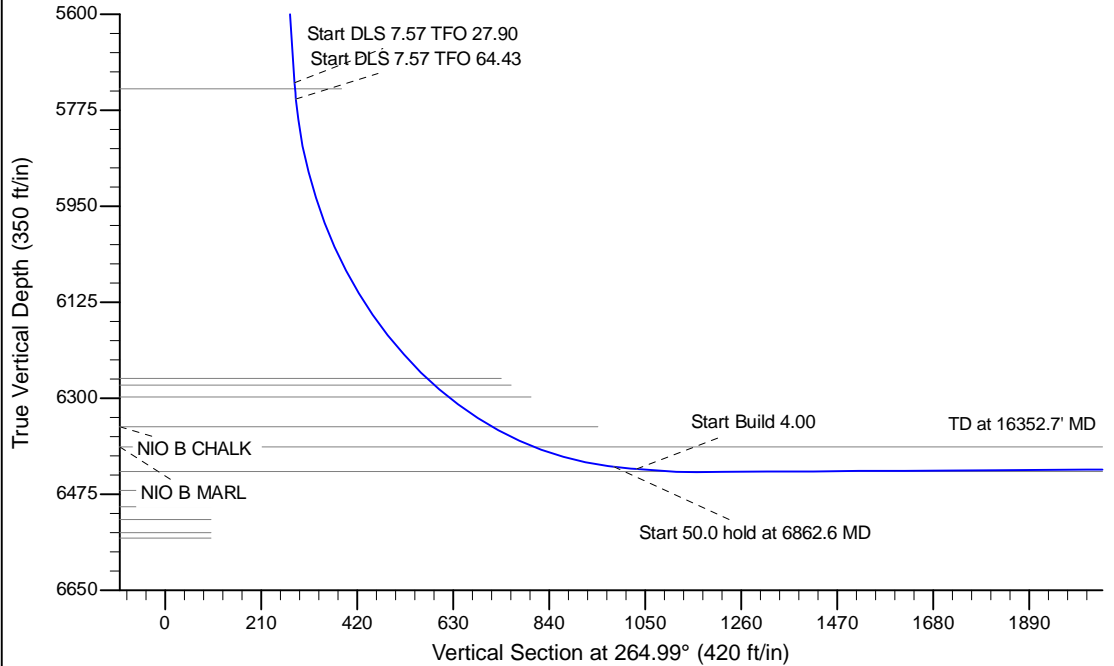
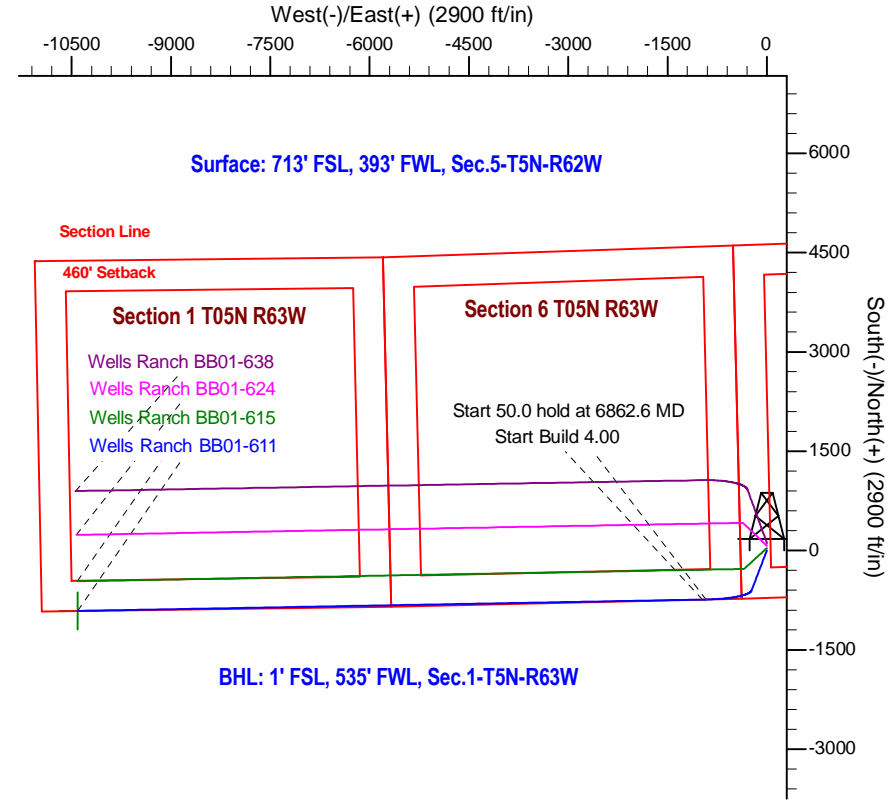
Project: Wattenberg Field  
 Site: BB (Sec.5-T05N-R62W) Weld County, CO  
 Well: Wells Ranch BB01-611  
 Wellbore: Original Drilling  
 Design: APD - Rev 2

# 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	1900.0	0.00	0.00	1900.0	0.0	0.0	0.00	0.00	0.0	
3	2412.5	10.25	201.00	2409.8	-42.7	-16.4	2.00	201.00	20.0	
4	5781.5	10.25	201.00	5725.0	-602.4	-231.2	0.00	0.00	282.9	
5	5811.9	12.33	206.04	5754.8	-607.8	-233.6	7.57	27.90	285.8	
6	6862.6	85.00	268.96	6425.0	-740.0	-920.0	7.57	64.43	981.1	
7	6912.6	85.00	268.96	6429.4	-740.9	-969.8	0.00	0.00	1030.8	
8	7045.1	90.30	268.96	6434.8	-743.3	-1102.1	4.00	0.00	1162.8	
9	16352.7	90.30	268.96	6386.3	-911.9	-10408.1	0.00	122.72	10448.0	Wells Ranch BB01-611 BHL 1'FSL, 535'FWL



**T G M**

Azimuths to Grid North  
 True North: -0.74°  
 Magnetic North: 8.06°

Magnetic Field  
 Strength: 53360.9snT  
 Dip Angle: 67.20°  
 Date: 12/31/2009  
 Model: IGRF200510

WELL DETAILS: Wells Ranch BB01-611					
Ground Level: 4662.0					
0.0	0.0	1399083.83	3318703.80	40.423240	-104.355260
Plan: APD - Rev 2 (Wells Ranch BB01-611/Original Drilling)					
Created By: Shailey Jewell			Date: 16:20, December 03 2015		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		