

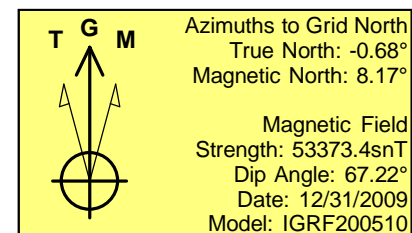
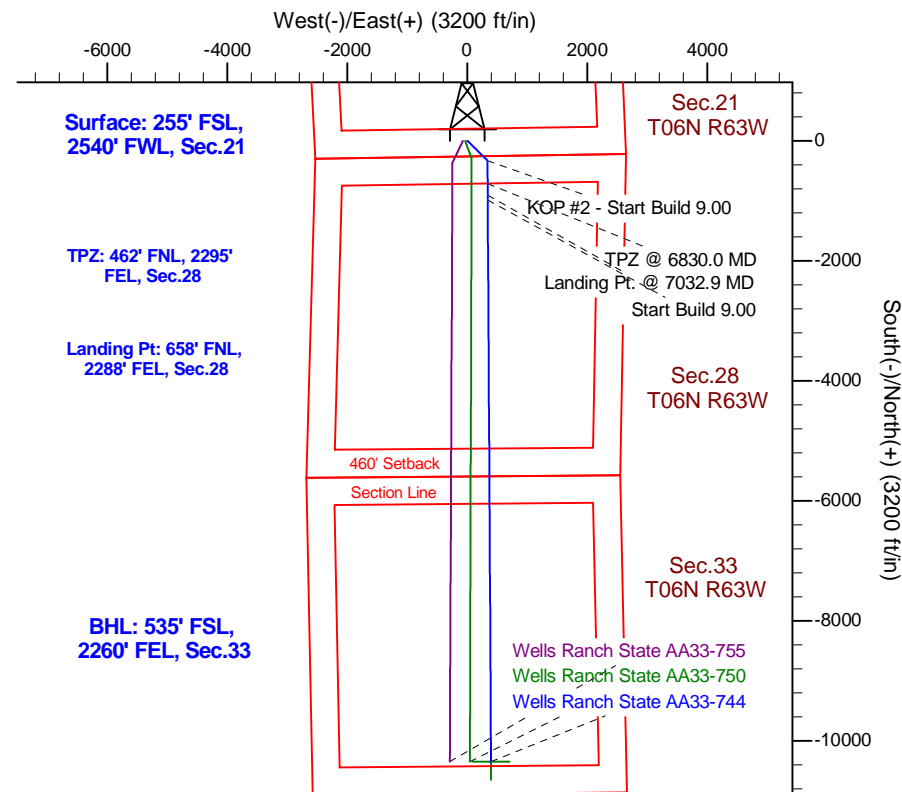
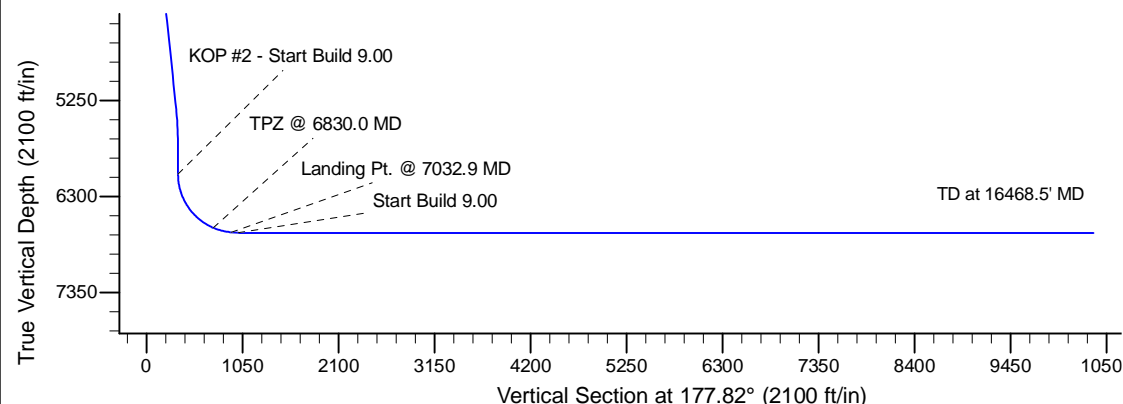
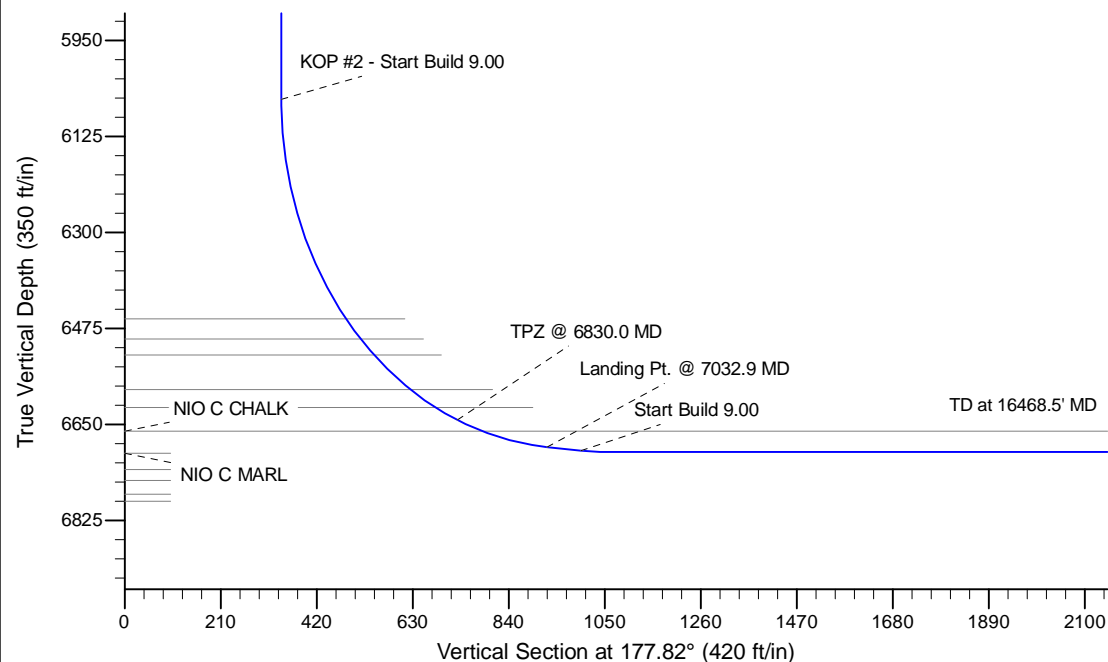
Project: Wattenberg Field  
 Site: AA (Sec.21-T06N-R63W) Weld County, CO  
 Well: Wells Ranch State AA33-744  
 Wellbore: Original Drilling  
 Design: APD - Rev 1

# 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	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2400.2	8.00	134.57	2398.9	-19.6	19.9	2.00	134.57	20.3	
4	5376.4	8.00	134.57	5346.1	-310.4	315.1	0.00	0.00	322.2	
5	5776.6	0.00	0.00	5745.0	-330.0	335.0	2.00	180.00	342.5	
6	6088.4	0.00	0.00	6056.8	-330.0	335.0	0.00	0.00	342.5	
7	7032.9	85.00	179.67	6691.0	-911.1	338.4	9.00	179.67	923.3	
8	7107.9	85.00	179.67	6697.6	-985.8	338.8	0.00	0.00	998.0	
9	7163.4	90.00	179.67	6700.0	-1041.3	339.2	9.00	0.00	1053.5	
10	16468.5	90.00	179.67	6700.0	-10346.2	393.5	0.00	0.00	10353.7	Wells Ranch State AA33-744 BHL 535'FSL, 2260'FEL



WELL DETAILS: Wells Ranch State AA33-744					
Ground Level: 4720.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1414197.45	3294463.87	40.465550	-104.441670
Plan: APD - Rev 1 (Wells Ranch State AA33-744/Original Drilling)					
Created By: Shailey Jewell			Date: 8:35, July 08 2016		
OK to submit with 2A as per Noble Drilling 7/8/2016 8:38					