

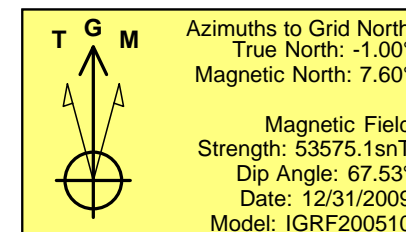
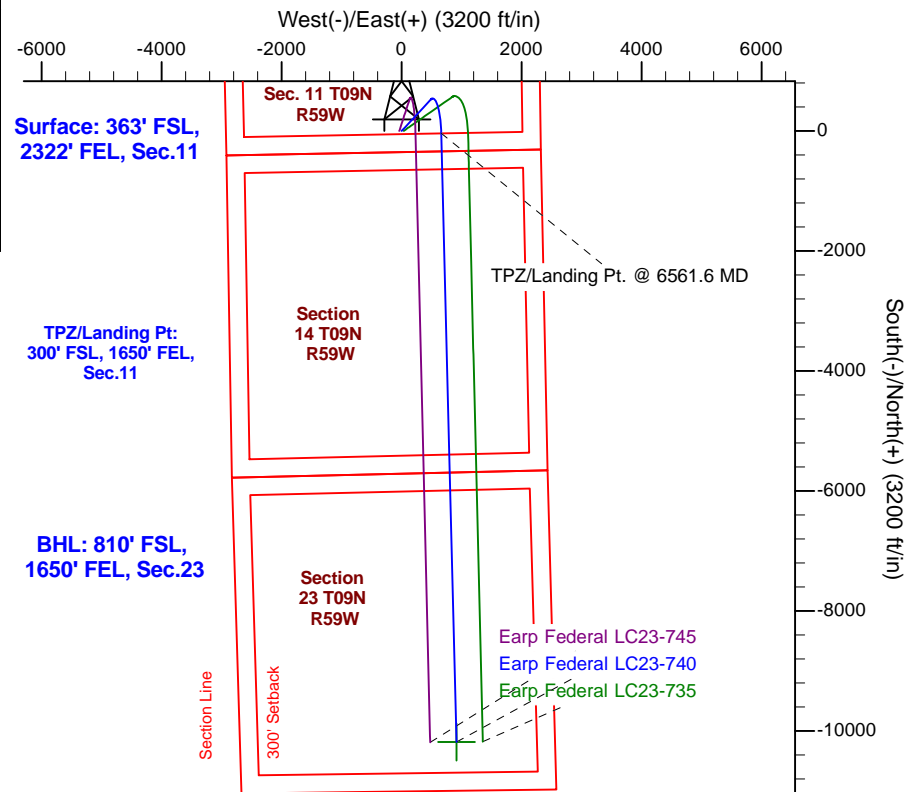
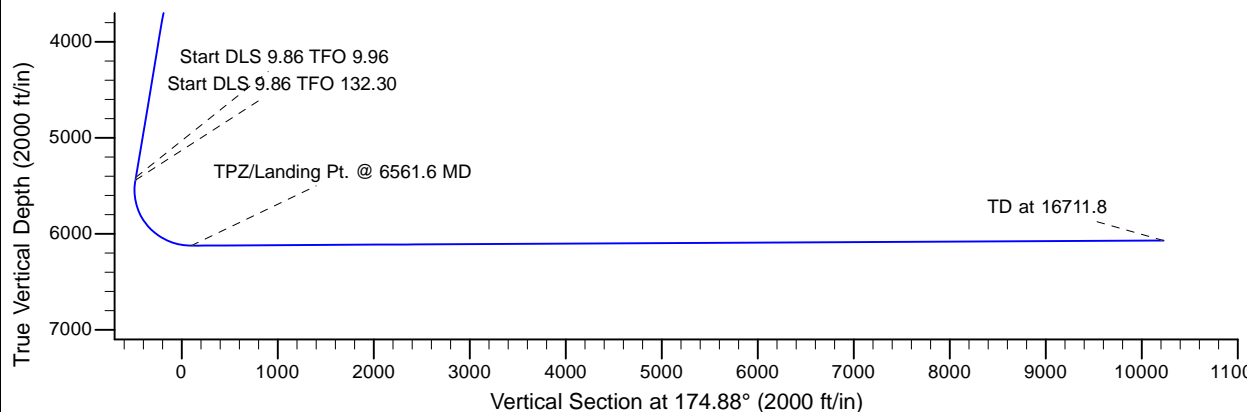
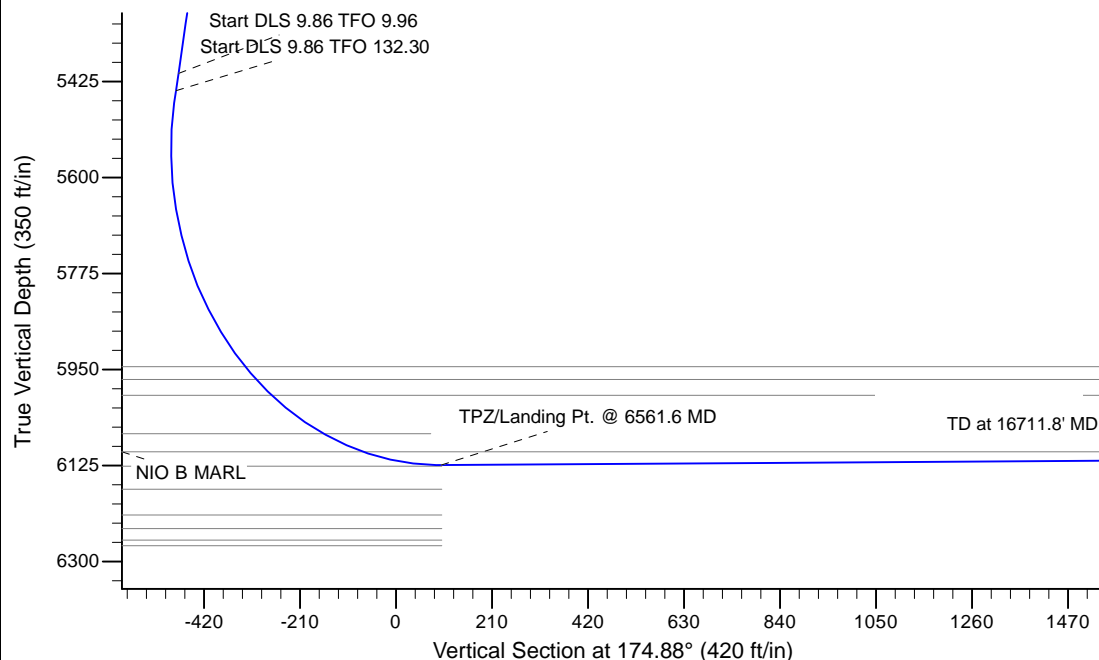
Project: Wattenberg Field  
 Site: LC (Sec.12-T09N-R59W) Weld County, CO  
 Well: Earp Federal LC23-740  
 Wellbore: Original Drilling  
 Design: APD - Rev 2

# 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	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2900.0	14.00	43.00	2893.1	62.2	58.0	2.00	43.00	-56.8	
4	5494.0	14.00	43.00	5410.0	521.2	486.0	0.00	0.00	-475.7	
5	5526.9	17.20	44.89	5441.6	527.5	492.2	9.86	9.96	-481.5	
6	6561.6	90.30	178.57	6124.0	-40.0	660.0	9.86	132.30	98.8	
7	16711.8	90.30	178.57	6070.5	-10186.9	913.3	0.00	-0.58	10227.7	Earp Federal LC23-740 BHL 810'FSL, 1650'FEL



WELL DETAILS: Earp Federal LC23-740					
Ground Level:4944.0					
0.0	0.0	Northing 1523209.76	Easting 3430971.59	Latitude 40.759220	Longitude -103.944260
Plan: APD - Rev 2 (Earp Federal LC23-740/Original Drilling)					
Created By: Shailey Jewell			Date: 10:33, July 27 2016		
OK to submit with 2A as per Noble Drilling 7/27/2016 10:37					