

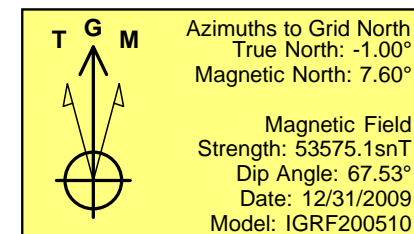
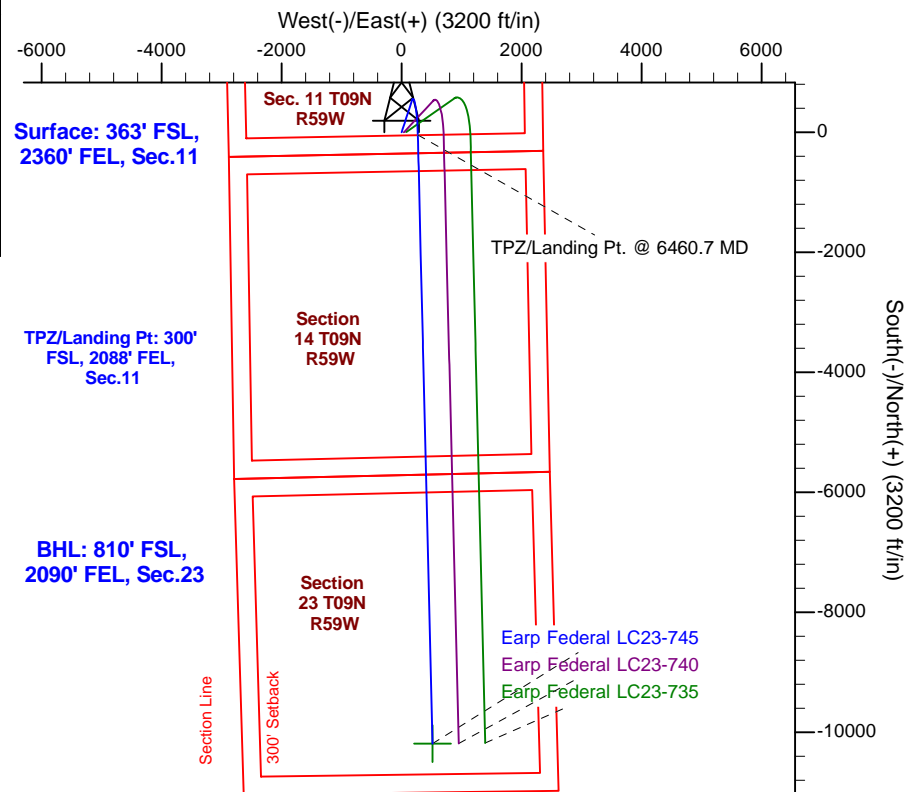
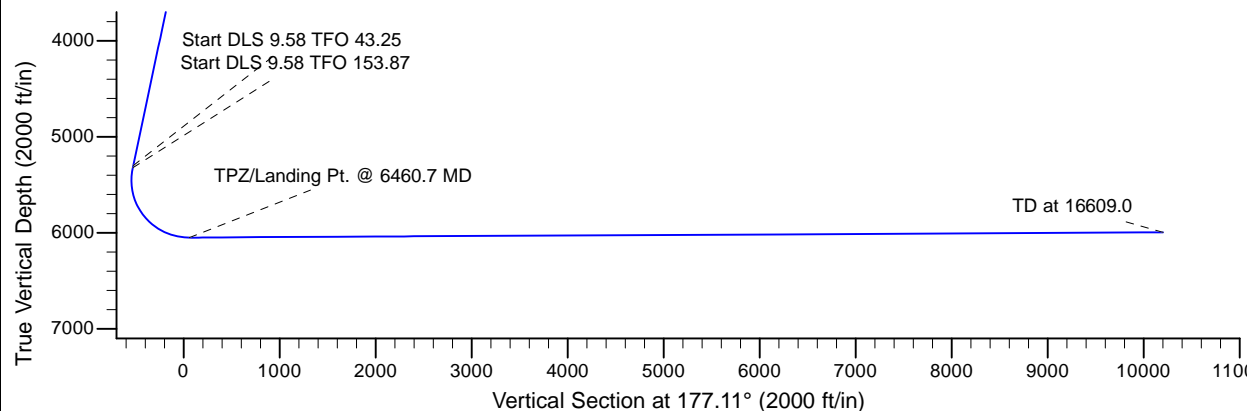
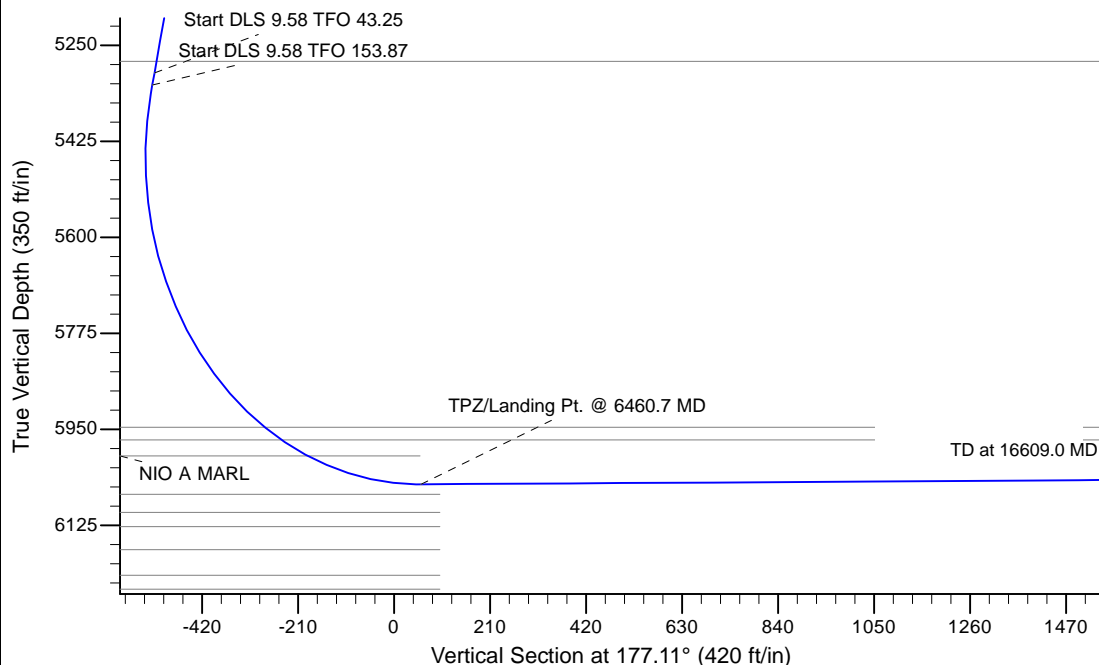
Project: Wattenberg Field
 Site: LC (Sec.11-T09N-R59W) Weld County, CO
 Well: Earp Federal LC23-745
 Wellbore: Original Drilling
 Design: APD - Rev 2

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	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	3137.5	12.75	18.00	3132.3	67.2	21.8	2.00	18.00	-66.0	
4	5360.1	12.75	18.00	5300.0	533.7	173.4	0.00	0.00	-524.3	
5	5382.7	14.41	24.00	5322.1	538.6	175.3	9.58	43.25	-529.1	
6	6460.7	90.30	178.62	6050.0	-45.0	270.0	9.58	153.87	58.5	
7	16609.0	90.30	178.62	5996.6	-10190.2	514.2	0.00	38.93	10203.2	Earp Federal LC23-745 BHL 810'FSL, 2360'FEL



WELL DETAILS: Earp Federal LC23-745					
Ground Level:4945.0					
0.0	0.0	1523209.08	3430932.81	40.759220	-103.944400
Plan: APD - Rev 2 (Earp Federal LC23-745/Original Drilling)					
Created By: Shailey Jewell			Date: 10:29, July 27 2016		
OK to submit with 2A as per Noble Drilling					
7/27/2016 10:31					