

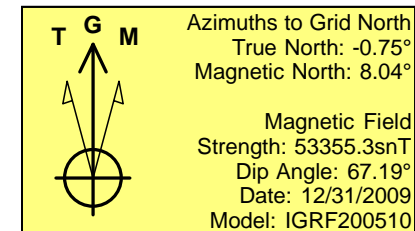
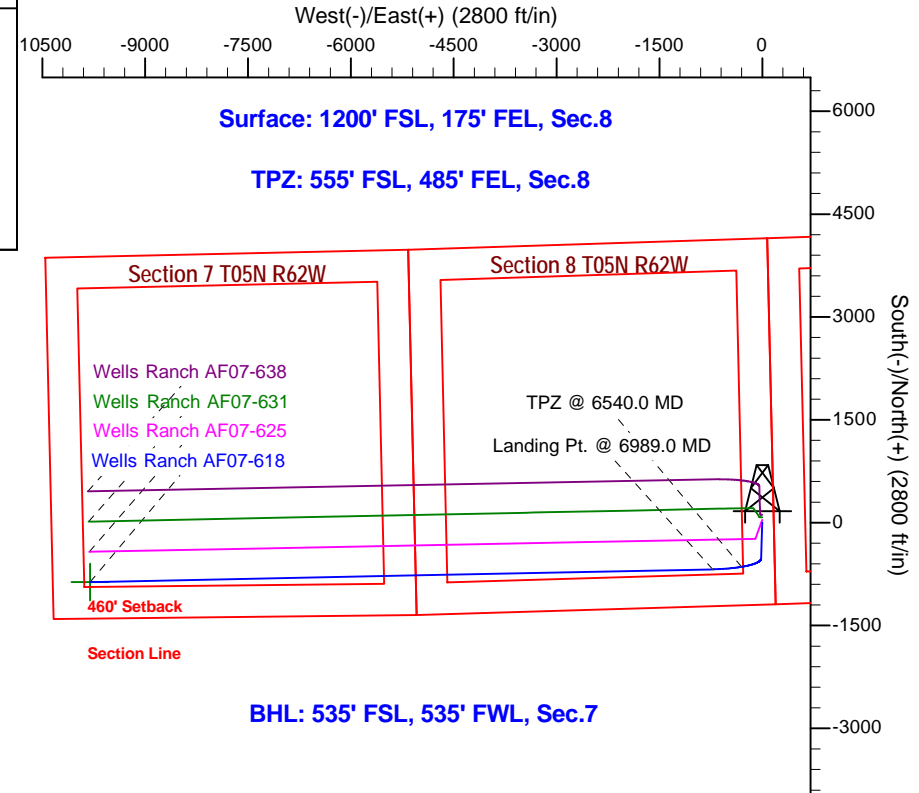
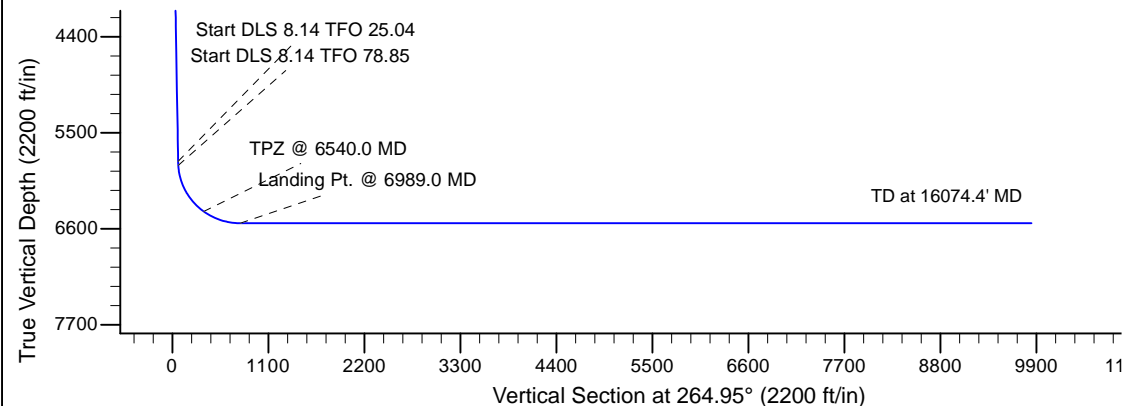
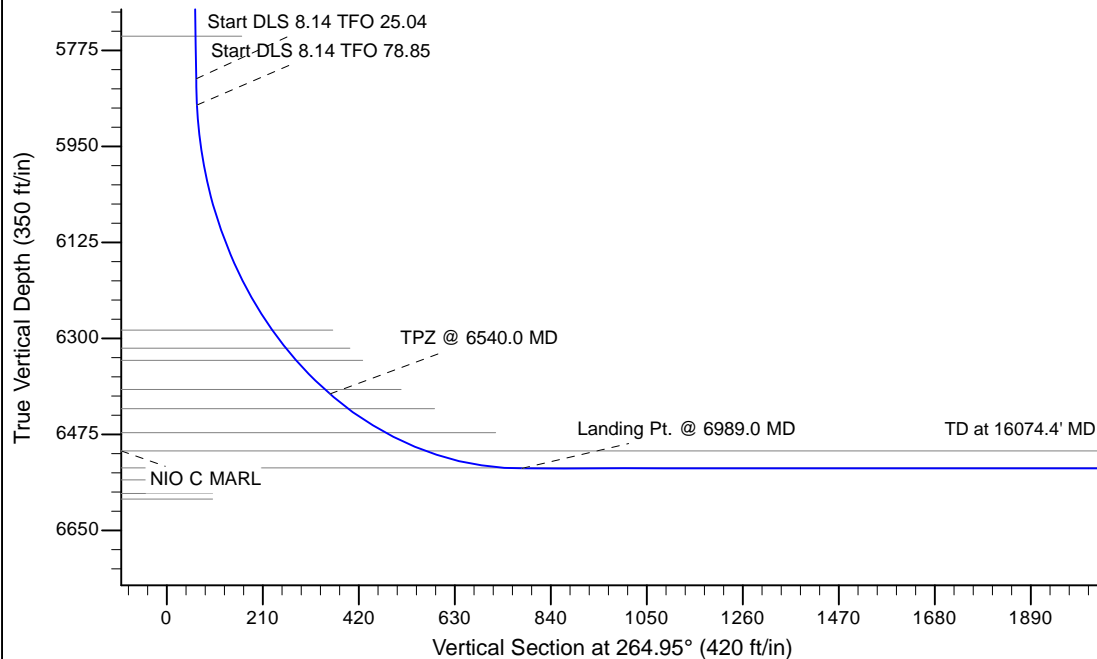
Project: Wattenberg Field
 Site: AF (Section 8-T05N-R62W) Weld County, Co
 Well: Wells Ranch AF07-618
 Wellbore: Original Drilling
 Design: APD - Rev 1

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	VSec	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	2300.0	8.00	182.00	2298.7	-27.9	-1.0	2.00	182.00	3.4	
4	5863.0	8.00	182.00	5827.0	-523.4	-18.3	0.00	0.00	64.3	
5	5911.0	11.65	190.20	5874.3	-531.5	-19.3	8.14	25.04	66.0	
6	6989.0	90.00	268.82	6537.0	-680.0	-720.0	8.14	78.85	777.0	
7	16074.4	90.00	268.83	6537.0	-866.1	-9803.4	0.00	90.00	9841.6	Wells Ranch AF07-618 BHL 535'FSL, 535'FWL



WELL DETAILS: Wells Ranch AF07-618				
	Ground Level: 4714.0			
	Northing	Easting	Latitude	Longitude
0.0	0.0	1394373.34	3323487.83	40.410140 -104.338300

Plan: APD - Rev 1 (Wells Ranch AF07-618/Original Drilling)	
Created By: Shailey Jewell	Date: 14:02, October 17 2016
OK to submit with 2A as per Noble Drilling 10/17/2016 2:07	