

Project: Wattenberg Field  
 Site: AF (Section 8-T05N-R62W) Weld County, Co  
 Well: Wells Ranch AF07-666  
 Wellbore: Original Drilling  
 Design: APD - Rev 1

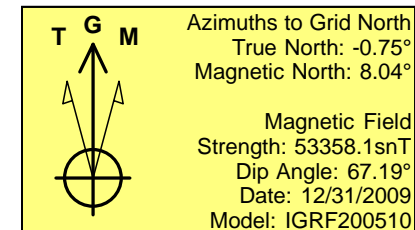
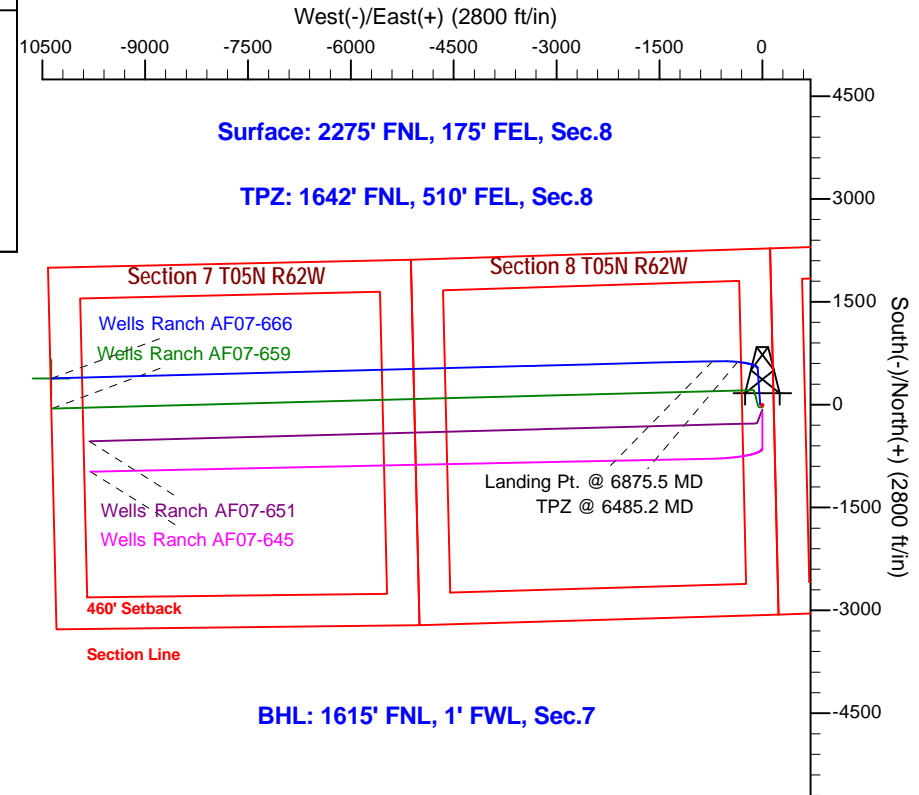
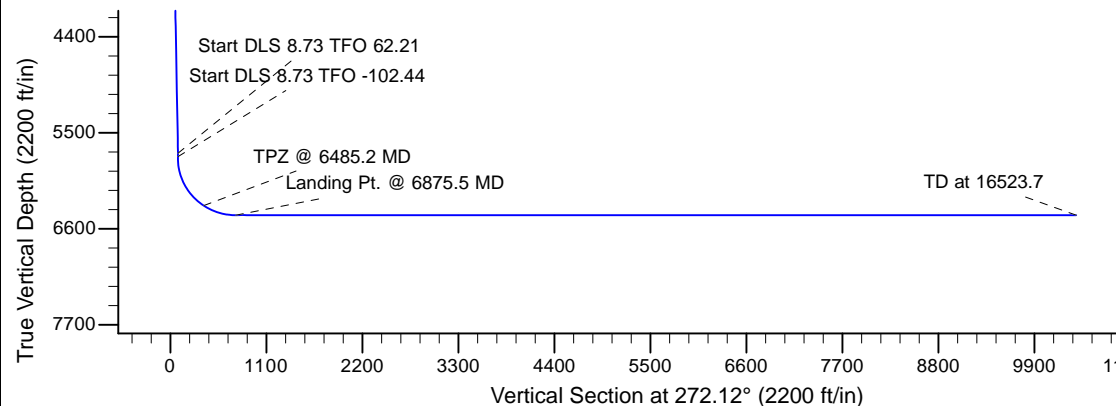
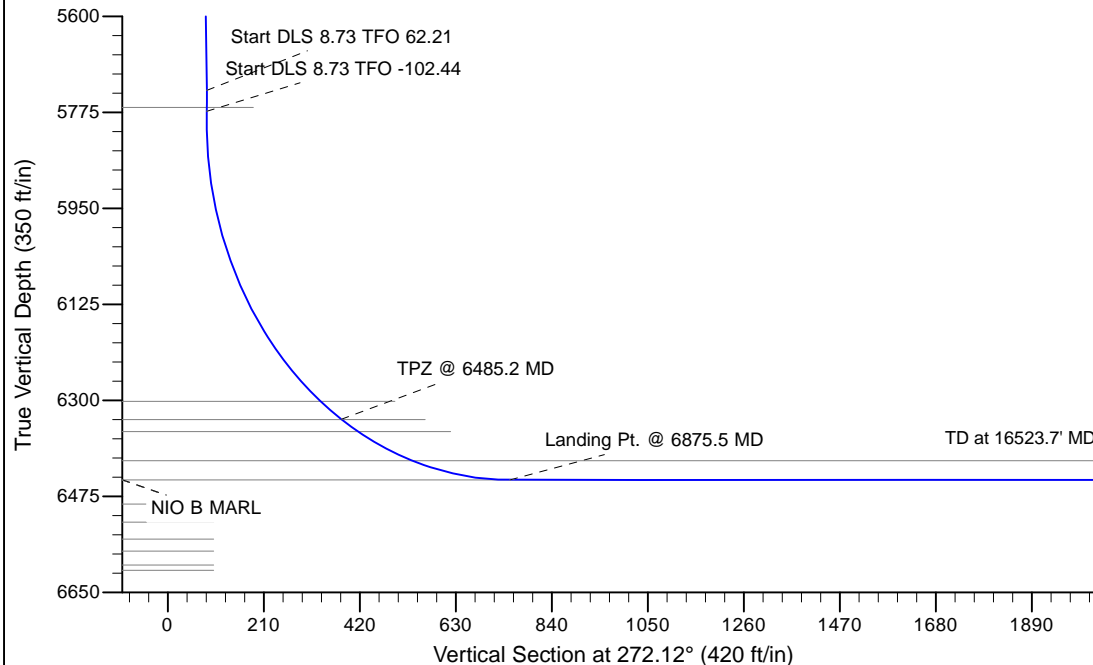
# Northern Region Drilling - Working

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	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	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	0.00	0.00	0.0	
3	2025.0	2.50	270.00	2025.0	0.0	-2.7	2.00	270.00	2.7
4	2425.0	2.50	270.00	2424.6	0.0	-20.2	0.00	0.00	20.2
5	2907.5	9.50	356.00	2904.7	39.8	-33.5	2.00	100.84	35.0
6	5777.2	9.50	356.00	5735.0	512.3	-66.5	0.00	0.00	85.4
7	5815.8	11.47	11.19	5773.0	519.2	-66.0	8.73	62.21	85.2
8	6875.5	90.00	268.50	6445.0	635.0	-725.0	8.73	-102.44	748.0
9	16523.7	90.00	268.51	6445.0	383.7	-10369.9	0.00	90.00	10377.0

Wells Ranch AF07-666 BHL 1615'FNL, 1'FWL



WELL DETAILS: Wells Ranch AF07-666					
Ground Level: 4705.0					
0.0	0.0	Northing 1396241.82	Easting 3323446.65	Latitude 40.415270	Longitude -104.338360
Plan: APD - Rev 1 (Wells Ranch AF07-666/Original Drilling)					
Created By: Shailey Jewell			Date: 12:31, October 17 2016		
OK to submit with 2A as per Noble Drilling					
10/17/2016 12:35					