

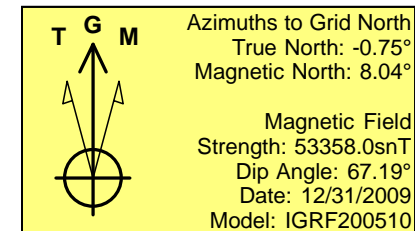
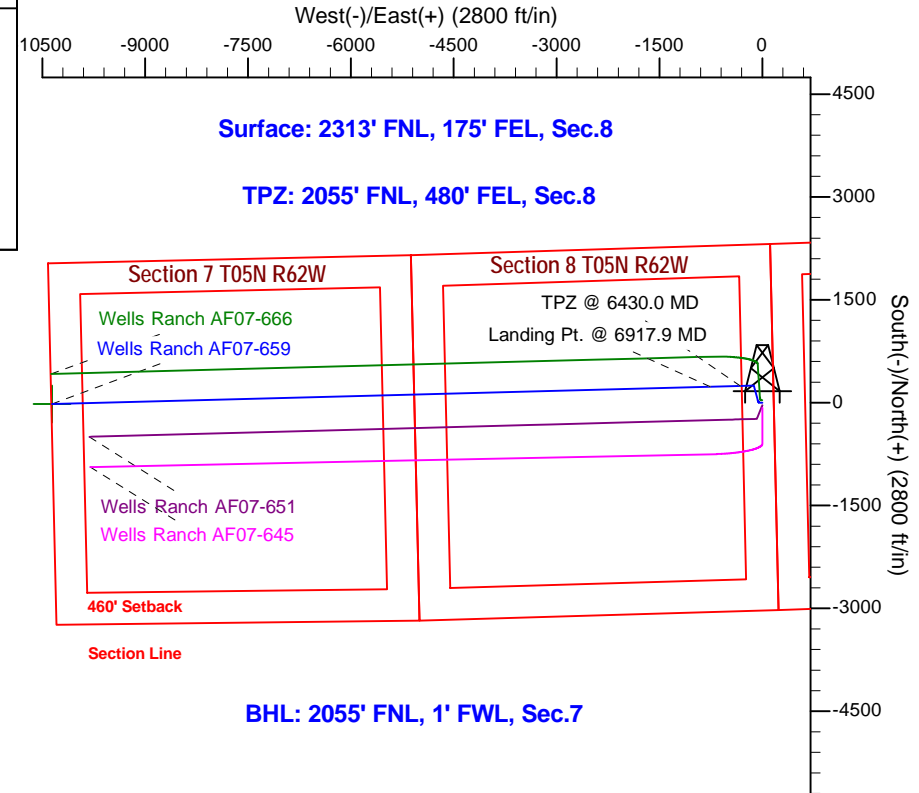
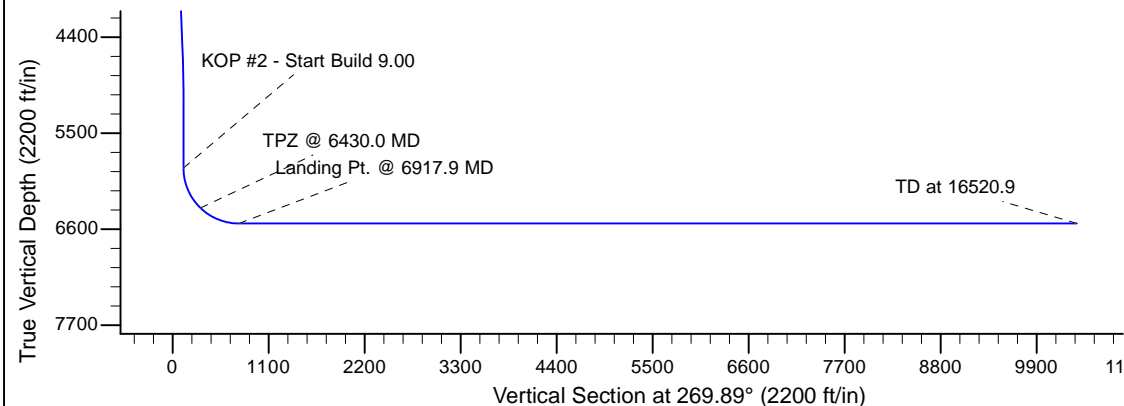
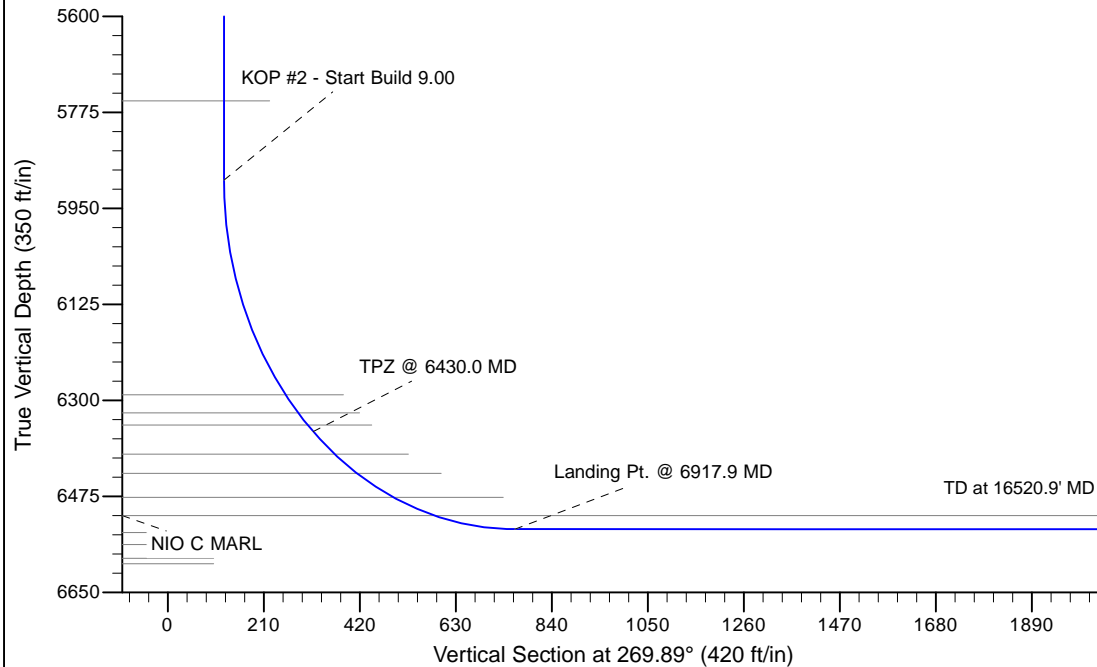
Project: Wattenberg Field
 Site: AF (Section 8-T05N-R62W) Weld County, Co
 Well: Wells Ranch AF07-659
 Wellbore: Original Drilling
 Design: APD - Rev 1

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	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2400.0	4.00	270.00	2399.8	0.0	-7.0	2.00	270.00	7.0	
4	2900.0	4.00	270.00	2898.6	0.0	-41.9	0.00	0.00	41.9	
5	3319.9	8.50	345.00	3316.5	30.0	-64.6	2.00	102.18	64.5	
6	4639.9	8.50	345.00	4622.0	218.5	-115.1	0.00	0.00	114.6	
7	5064.9	0.00	0.00	5045.4	248.9	-123.2	2.00	180.00	122.7	
8	5917.9	0.00	0.00	5898.4	248.9	-123.2	0.00	0.00	122.7	
9	6917.9	90.00	268.49	6535.0	232.1	-759.6	9.00	268.49	759.2	
10	16520.9	90.00	268.49	6535.0	-20.6	-10359.3	0.00	0.00	10359.3	Wells Ranch AF07-659 BHL 2055'FNL, 1'FWL



WELL DETAILS: Wells Ranch AF07-659					
Ground Level: 4705.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1396205.39	3323447.12	40.415170	-104.338360
Plan: APD - Rev 1 (Wells Ranch AF07-659/Original Drilling)					
Created By: Shailey Jewell			Date: 12:38, October 17 2016		
OK to submit with 2A as per Noble Drilling					
10/17/2016 12:42					