

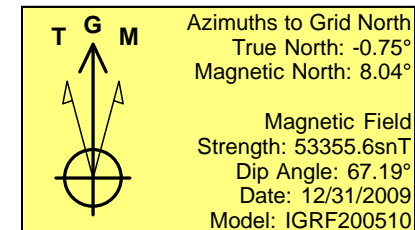
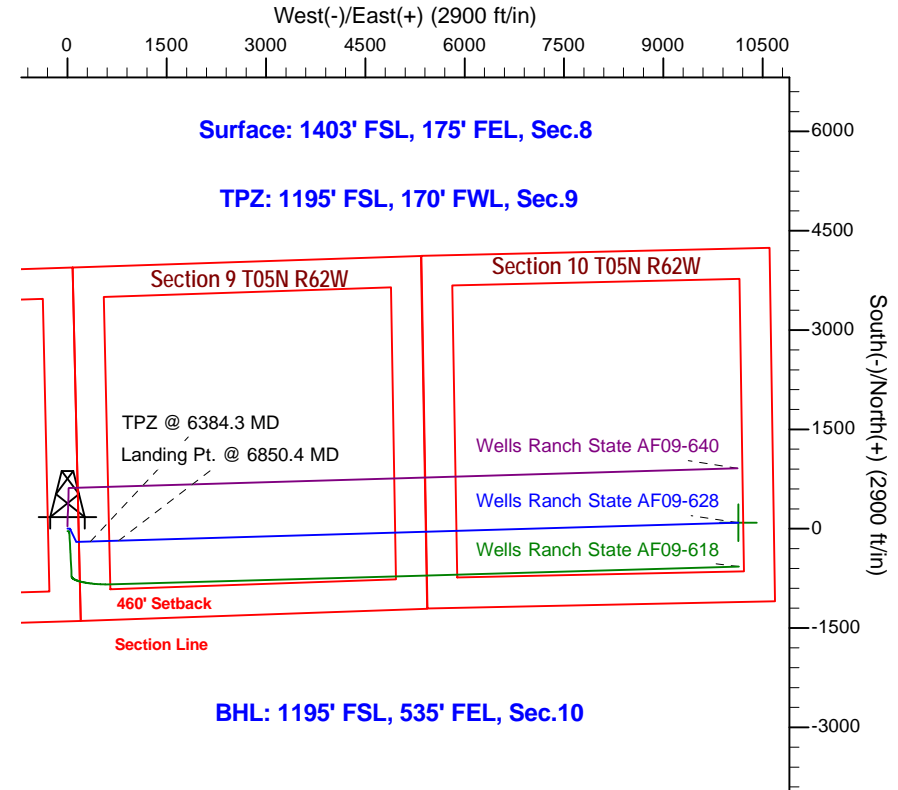
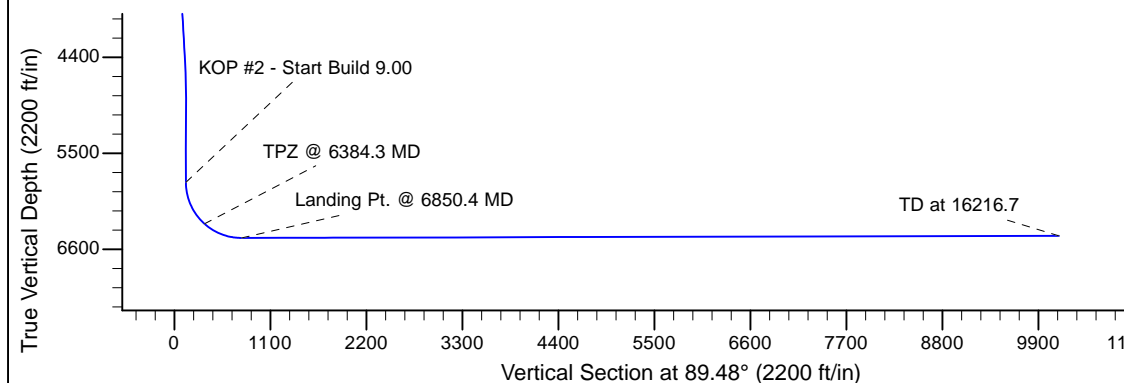
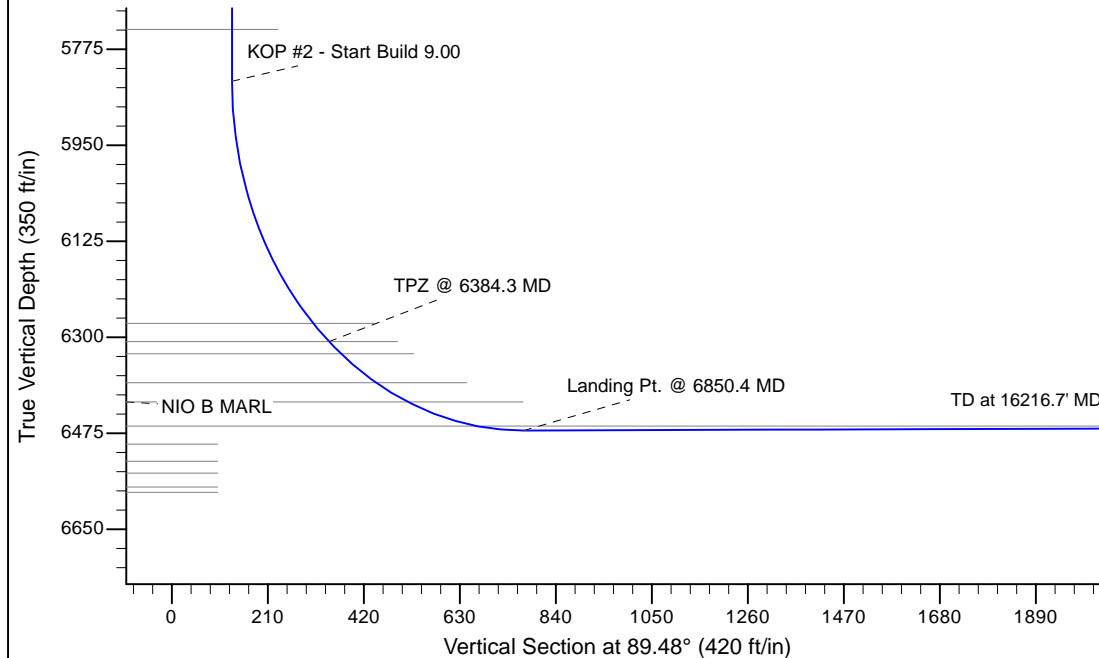
Project: Wattenberg Field
 Site: AF (Section 8-T05N-R62W) Weld County, Co
 Well: Wells Ranch State AF09-628
 Wellbore: Original Drilling
 Design: APD - Rev 1

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	2350.0	3.00	90.00	2349.9	0.0	3.9	2.00	90.00	3.9	
4	2850.0	3.00	90.00	2849.2	0.0	30.1	0.00	0.00	30.1	
5	3212.9	8.00	155.00	3210.6	-22.9	50.3	2.00	86.86	50.1	
6	4422.9	8.00	155.00	4408.8	-175.5	121.5	0.00	0.00	119.9	
7	4822.9	0.00	0.00	4807.5	-200.8	133.2	2.00	180.00	131.4	
8	5848.8	0.00	0.00	5833.4	-200.8	133.2	0.00	0.00	131.4	
9	6850.4	90.15	88.33	6470.0	-182.2	771.3	9.00	88.33	769.6	
10	16216.7	90.15	88.33	6445.5	91.1	10133.5	0.00	0.00	10133.9	Wells Ranch State AF09-628 BHL 1195'FSL, 535'FEL



WELL DETAILS: Wells Ranch State AF09-628					
Ground Level: 4713.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1394577.30	3323482.38	40.410700	-104.338310
Plan: APD - Rev 1 (Wells Ranch State AF09-628/Original Drilling)					
Created By: Shailey Jewell			Date: 15:27, October 17 2016		
OK to submit with 2A as per Noble Drilling					
10/17/2016 3:42					