

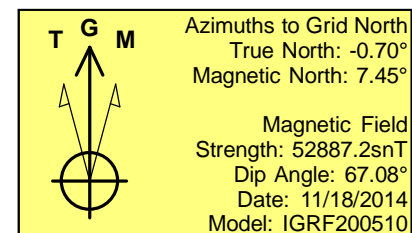
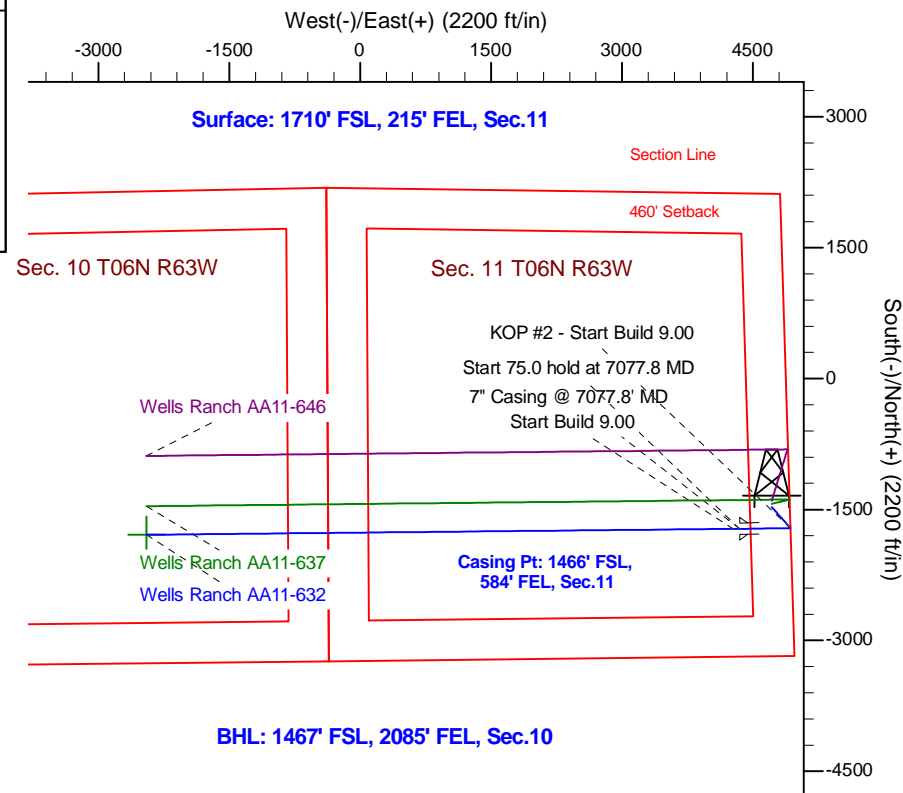
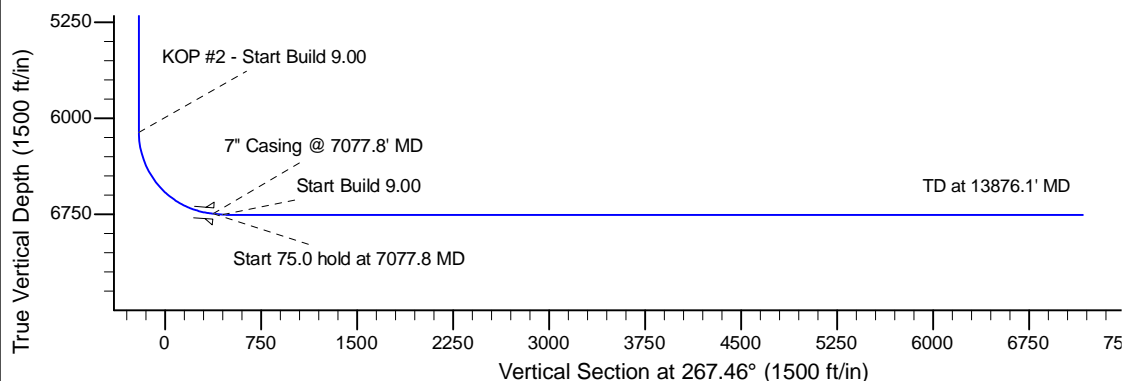
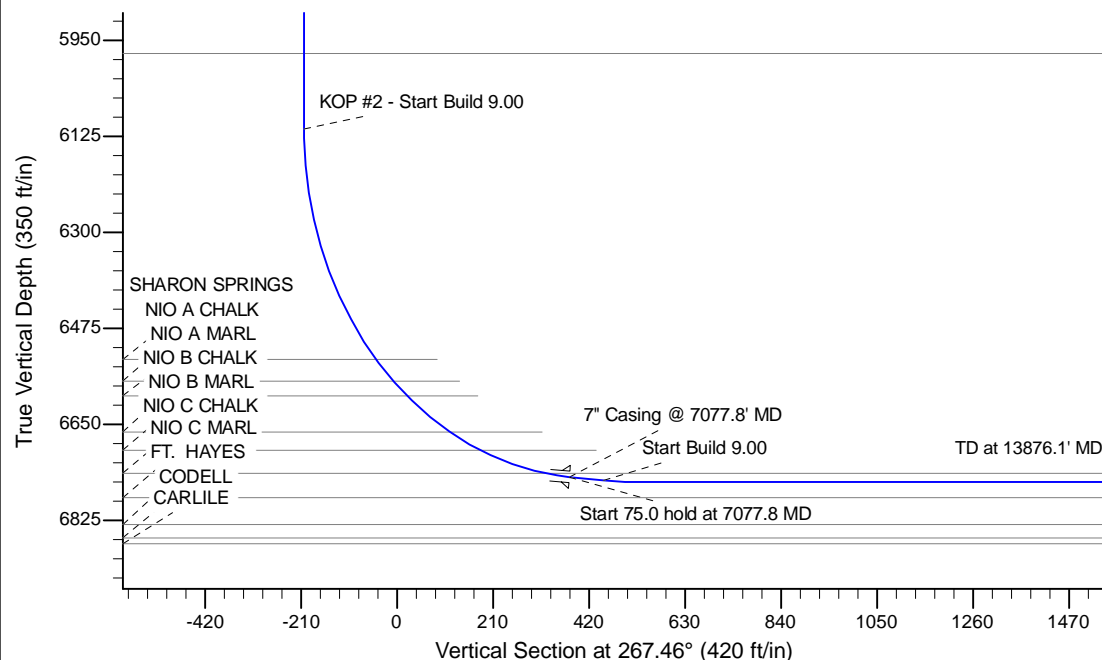
Project: Wattenberg Field
 Site: AA (Sec.11-T06N-R63W) Weld County, CO
 Well: Wells Ranch AA11-632
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	-1471.9	4715.8	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	-1471.9	4715.8	0.00	0.00	0.0	
3	1901.9	8.04	138.50	1900.6	-1493.0	4734.4	2.00	138.50	-17.7	
4	3819.5	8.04	138.50	3799.4	-1693.9	4912.1	0.00	0.00	-186.3	
5	4221.5	0.00	0.00	4200.0	-1714.9	4930.8	2.00	180.00	-204.0	
6	6133.3	0.00	0.00	6111.8	-1714.9	4930.8	0.00	0.00	-204.0	
7	7077.8	85.00	269.42	6746.0	-1720.8	4349.7	9.00	269.42	376.8	
8	7152.8	85.00	269.42	6752.6	-1721.6	4275.0	0.00	0.00	451.4	
9	7208.3	90.00	269.42	6755.0	-1722.2	4219.5	9.00	0.00	506.9	
10	13876.1	90.00	269.42	6755.0	-1789.7	-2447.9	0.00	0.00	7170.7	Wells Ranch AA11-632 BHL 1467'FSL, 2085'FEL



WELL DETAILS: Wells Ranch AA11-632					
Ground Level: 4854.0					
Northing		Easting		Latitude	Longitude
-1471.9	4715.8	1426372.98	3307273.63	40.498540	-104.395090
Plan: APD - Rev 0 (Wells Ranch AA11-632/Original Drilling)					
Created By: Shailey Jewell			Date: 14:56, November 18 2014		
OK to submit with 2A as per Noble Drilling					
11/18/2014 3:06					