

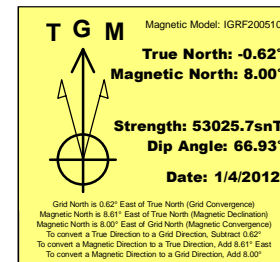
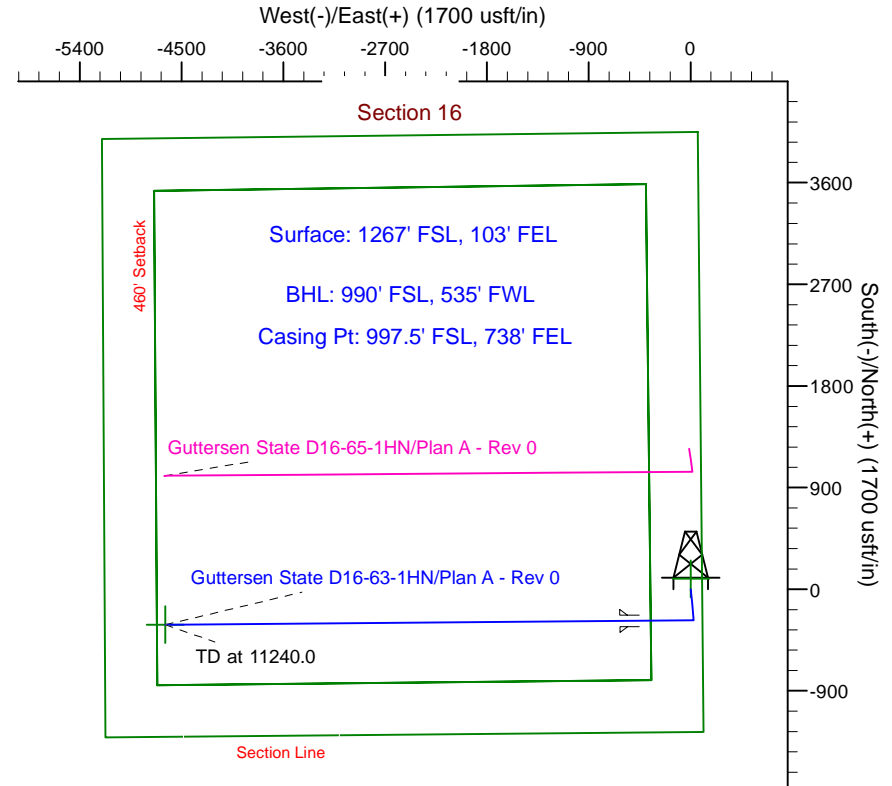
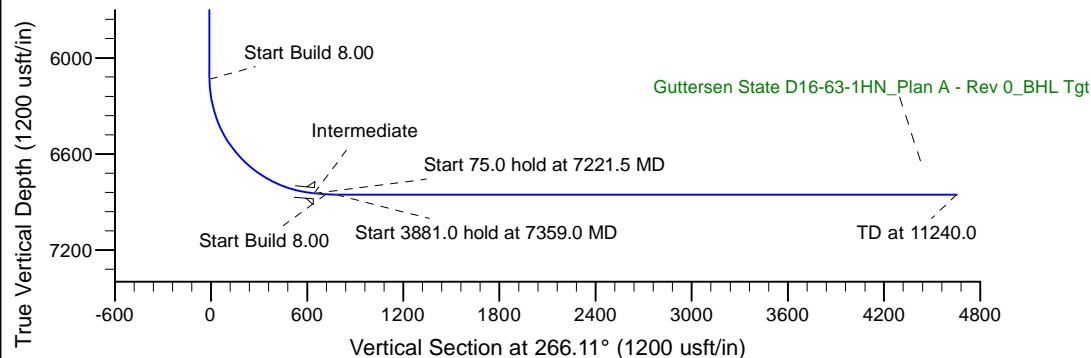
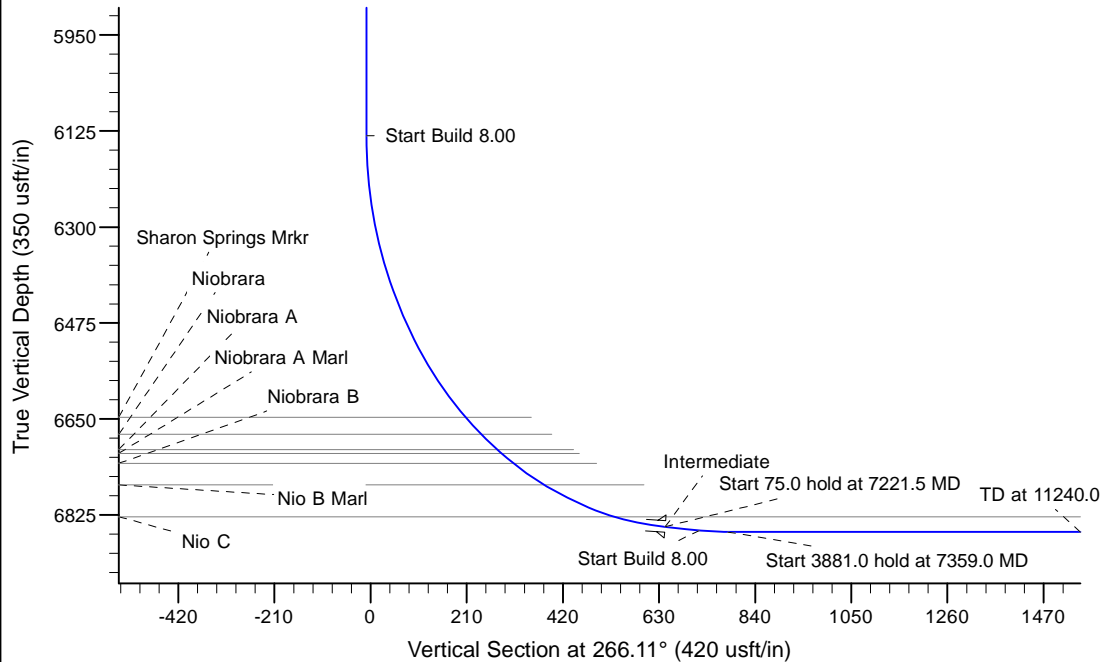
Project: Weld Co. (NAD83)
 Site: Sec 16 T03N-R64W
 Well: Guttersen State D16-63-1HN
 Wellbore: Original Drilling
 Design: Plan A - Rev 0 (PERMITTING PLAN ONLY)

Northern Region Drilling



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 | 2500.0 | 0.00 | 0.00 | 2500.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 2980.0 | 12.00 | 174.23 | 2976.5 | -49.8 | 5.0 | 2.50 | 174.23 | -1.6 | |
| 4 | 3837.3 | 12.00 | 174.23 | 3815.1 | -227.2 | 23.0 | 0.00 | 0.00 | -7.5 | |
| 5 | 4317.3 | 0.00 | 0.00 | 4291.6 | -277.0 | 28.0 | 2.50 | 180.00 | -9.2 | |
| 6 | 4525.7 | 0.00 | 0.00 | 4500.0 | -277.0 | 28.0 | 0.00 | 0.00 | -9.2 | |
| 7 | 6159.0 | 0.00 | 0.00 | 6133.3 | -277.0 | 28.0 | 0.00 | 0.00 | -9.2 | |
| 8 | 7221.5 | 85.00 | 269.53 | 6846.7 | -282.4 | -625.8 | 8.00 | 269.53 | 643.5 | |
| 9 | 7296.5 | 85.00 | 269.53 | 6853.3 | -283.0 | -700.5 | 0.00 | 0.00 | 718.0 | |
| 10 | 7359.0 | 90.00 | 269.53 | 6856.0 | -283.5 | -762.9 | 8.00 | 0.00 | 780.3 | |
| 11 | 11240.0 | 90.00 | 269.53 | 6856.0 | -315.4 | -4643.7 | 0.00 | 0.00 | 4654.4 | Guttersen State D16-63-1HN PBHL |



WELL DETAILS: Guttersen State D16-63-1HN

Ground Level: 4782.0
 Northing 1324993.45 Easting 3266091.44 Latitude 40° 13' 17.688 N Longitude 104° 32' 49.488 W

Plan: Plan A - Rev 0 (Guttersen State D16-63-1HN/Permitting Plan Only)

Created By: Diane Blair

Date: 10/24, January 05 2012

OK to submit with 2A as per Noble Drilling
1/5/2012 11:01