

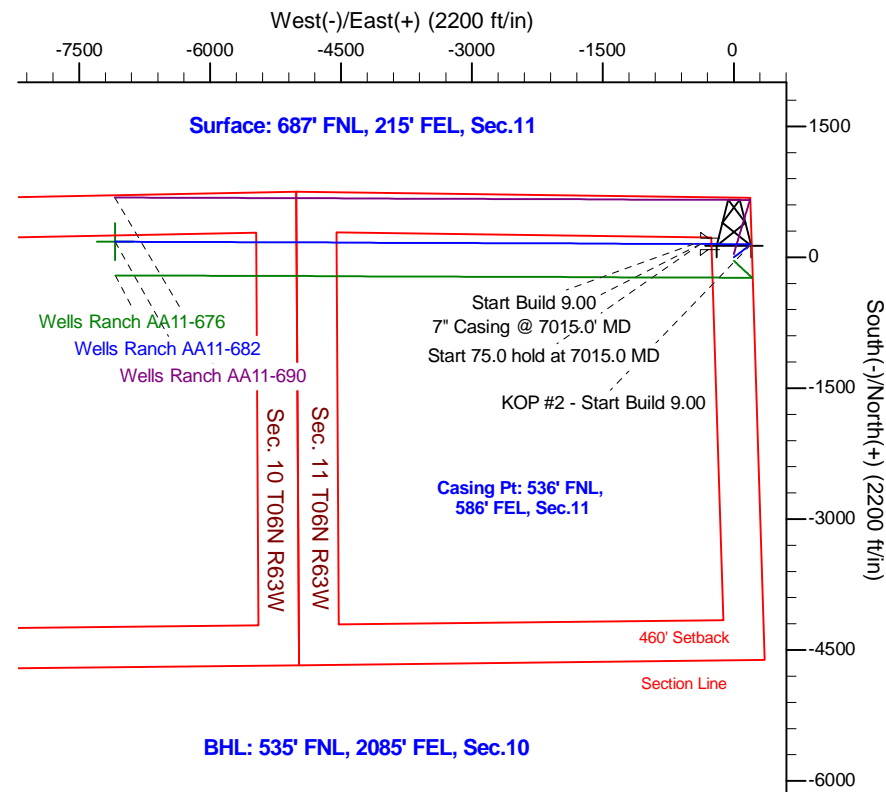
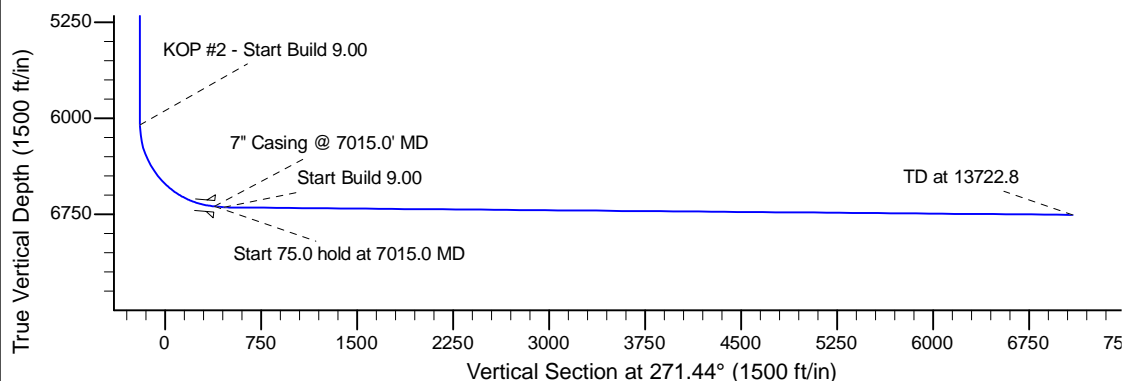
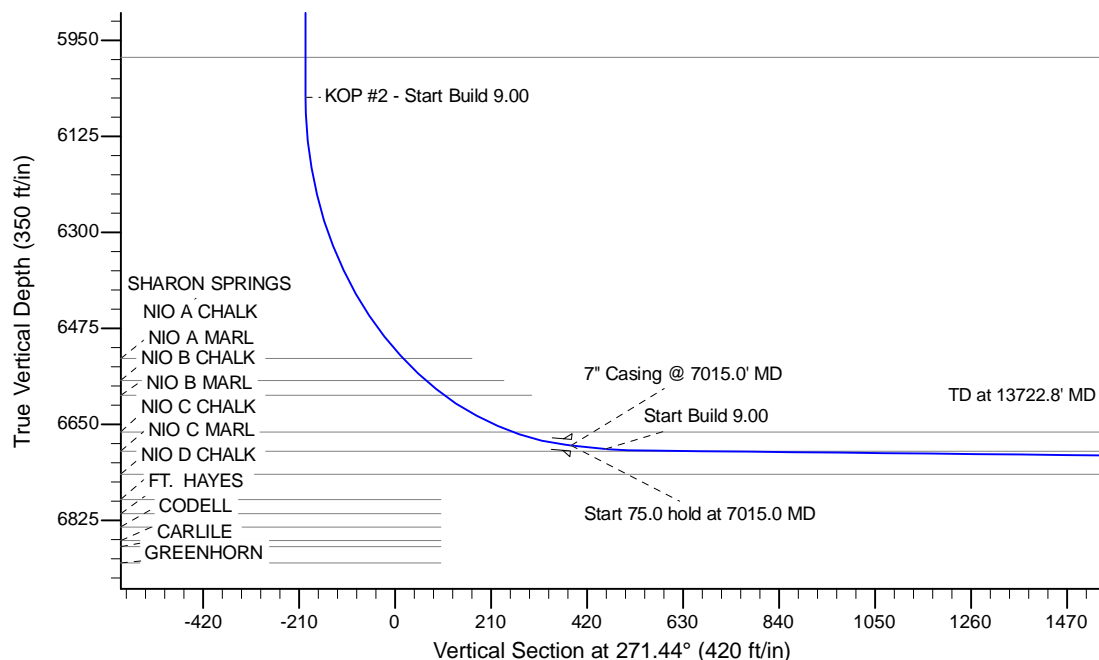
Project: Wattenberg Field
 Site: AA (Sec.11-T06N-R63W) Weld County, CO
 Well: Wells Ranch AA11-682
 Wellbore: Original Drilling
 Design: APD - Rev 0

Northern Region Drilling - Working

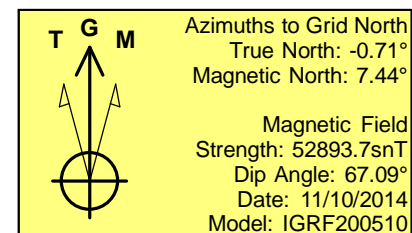
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | 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 | 2601.3 | 8.03 | 53.13 | 2600.0 | 16.8 | 22.4 | 2.00 | 53.13 | -22.0 | |
| 4 | 3989.9 | 8.03 | 53.13 | 3975.0 | 133.2 | 177.6 | 0.00 | 0.00 | -174.1 | |
| 5 | 4391.2 | 0.00 | 0.00 | 4375.0 | 150.0 | 200.0 | 2.00 | 180.00 | -196.2 | |
| 6 | 6070.5 | 0.00 | 0.00 | 6054.3 | 150.0 | 200.0 | 0.00 | 0.00 | -196.2 | |
| 7 | 7015.0 | 85.00 | 270.23 | 6688.5 | 152.3 | -381.1 | 9.00 | 270.23 | 384.8 | |
| 8 | 7090.0 | 85.00 | 270.23 | 6695.1 | 152.6 | -455.8 | 0.00 | 0.00 | 459.5 | |
| 9 | 7140.0 | 89.50 | 270.23 | 6697.5 | 152.8 | -505.8 | 9.00 | 0.00 | 509.5 | |
| 10 | 13722.8 | 89.50 | 270.23 | 6754.9 | 178.7 | -7088.2 | 0.00 | 0.00 | 7090.5 | Wells Ranch AA11-682 BHL 535'FNL, 2085'FEL |



BHL: 535' FNL, 2085' FEL, Sec.10



| WELL DETAILS: Wells Ranch AA11-682 | | | | | |
|--|-----|------------|------------------------------|-----------|-------------|
| Ground Level: 4856.0 | | | | | |
| 0.0 | 0.0 | Northing | Easting | Latitude | Longitude |
| | | 1429279.22 | 3307181.79 | 40.506520 | -104.395290 |
| Plan: APD - Rev 0 (Wells Ranch AA11-682/Original Drilling) | | | | | |
| Created By: Shailey Jewell | | | Date: 8:44, November 11 2014 | | |
| OK to submit with 2A as per Noble Drilling | | | | | |
| 11/11/2014 10:05 | | | | | |