

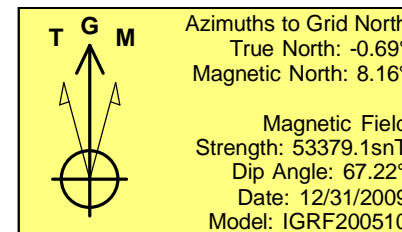
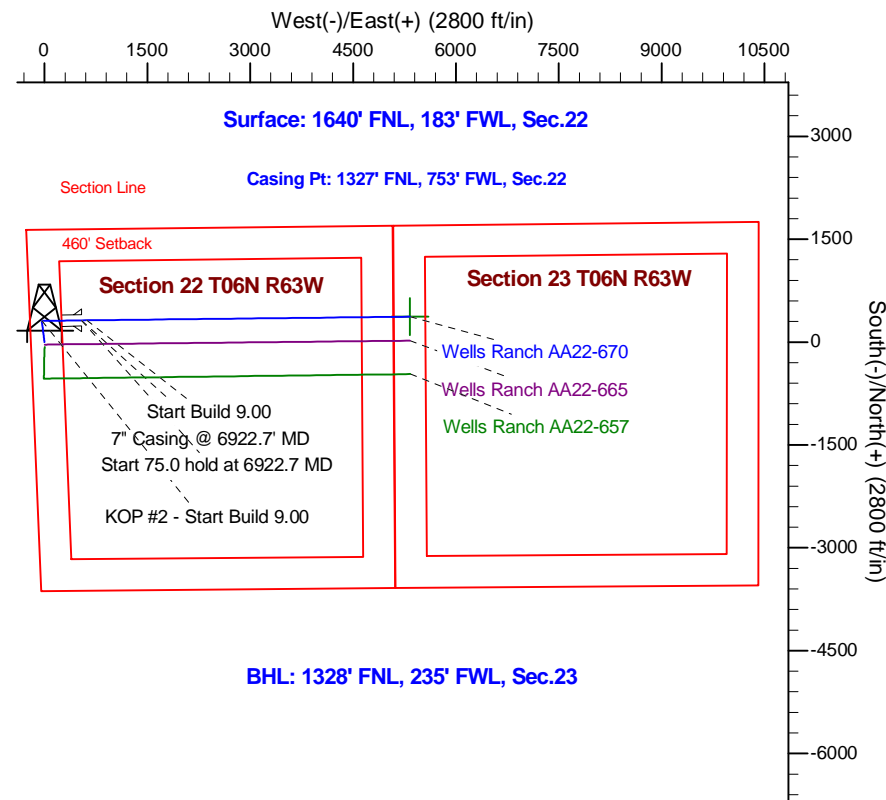
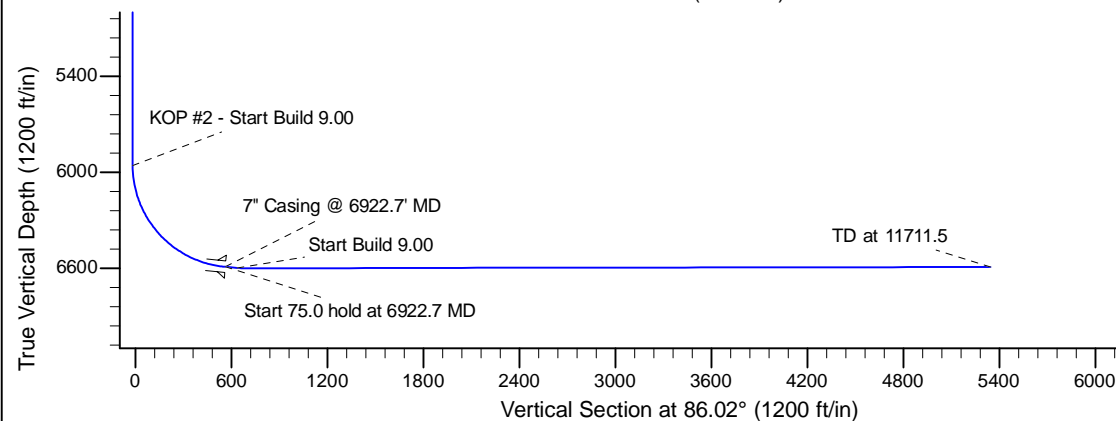
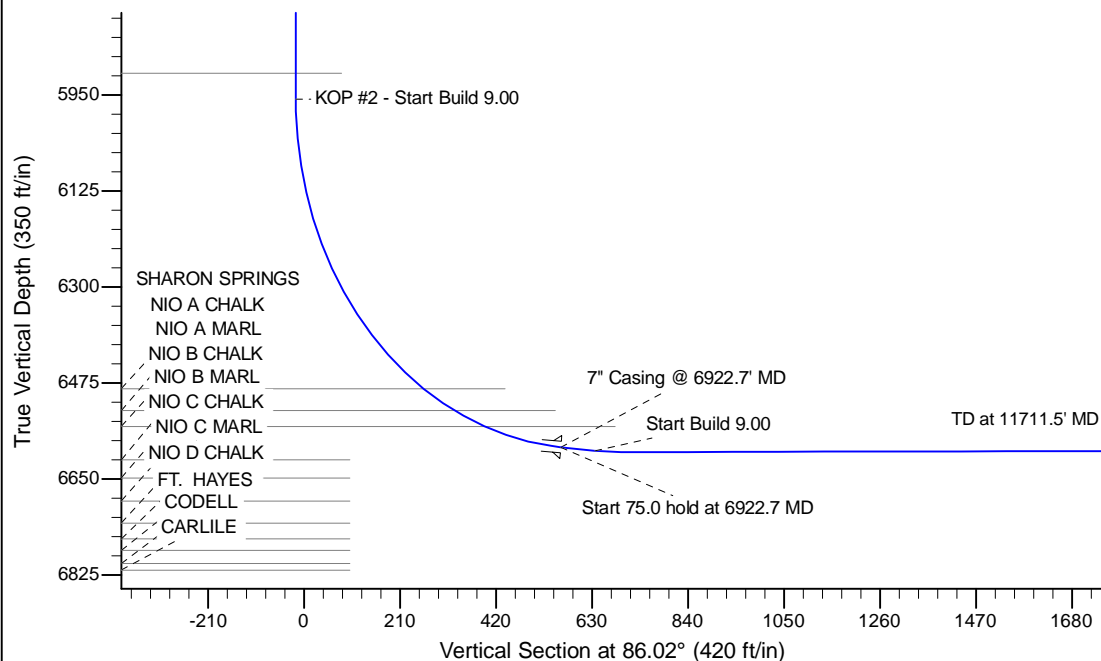
Project: Wattenberg Field  
 Site: AA (Sec.22-T06N-R63W) Weld County, CO  
 Well: Wells Ranch AA22-670  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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    | 0.0   | 0.0    | 0.00 | 0.00   | 0.0    |  |
| 2   | 1800.0  | 0.00  | 0.00   | 1800.0 | 0.0   | 0.0    | 0.00 | 0.00   | 0.0    |  |
| 3   | 2201.0  | 8.02  | 352.65 | 2199.7 | 27.8  | -3.6   | 2.00 | 352.65 | -1.6   |  |
| 4   | 4039.6  | 8.02  | 352.65 | 4020.3 | 282.2 | -36.4  | 0.00 | 0.00   | -16.7  |  |
| 5   | 4440.6  | 0.00  | 0.00   | 4420.0 | 310.0 | -40.0  | 2.00 | 180.00 | -18.4  |  |
| 6   | 5978.3  | 0.00  | 0.00   | 5957.7 | 310.0 | -40.0  | 0.00 | 0.00   | -18.4  |  |
| 7   | 6922.7  | 85.00 | 89.35  | 6591.9 | 316.6 | 541.1  | 9.00 | 89.35  | 561.8  |  |
| 8   | 6997.7  | 85.00 | 89.35  | 6598.4 | 317.4 | 615.8  | 0.00 | 0.00   | 636.4  |  |
| 9   | 7054.4  | 90.10 | 89.35  | 6600.8 | 318.1 | 672.4  | 9.00 | 0.00   | 692.9  |  |
| 10  | 11711.5 | 90.10 | 89.35  | 6592.7 | 370.8 | 5329.2 | 0.00 | 0.00   | 5342.1 | Wells Ranch AA22-670 BHL 1328'FNL, 235'FWL |



| WELL DETAILS: Wells Ranch AA22-670                         |     |            |                            |           |             |
|--|-----|------------|----------------------------|-----------|-------------|
| Ground Level:4735.0  |     |            |                            |           |             |
|  |     | Northing   | Easting                    | Latitude  | Longitude   |
| 0.0  | 0.0 | 1417610.70 | 3297155.28                 | 40.474830 | -104.431850 |
| Plan: APD - Rev 0 (Wells Ranch AA22-670/Original Drilling) |     |            |                            |           |             |
| Created By: Shailey Jewell                                 |     |            | Date: 15:17, April 13 2015 |           |             |
| OK to submit with 2A as per Noble Drilling                 |     |            |                            |           |             |
| 4/13/2015 3:22   |     |            |                            |           |             |