

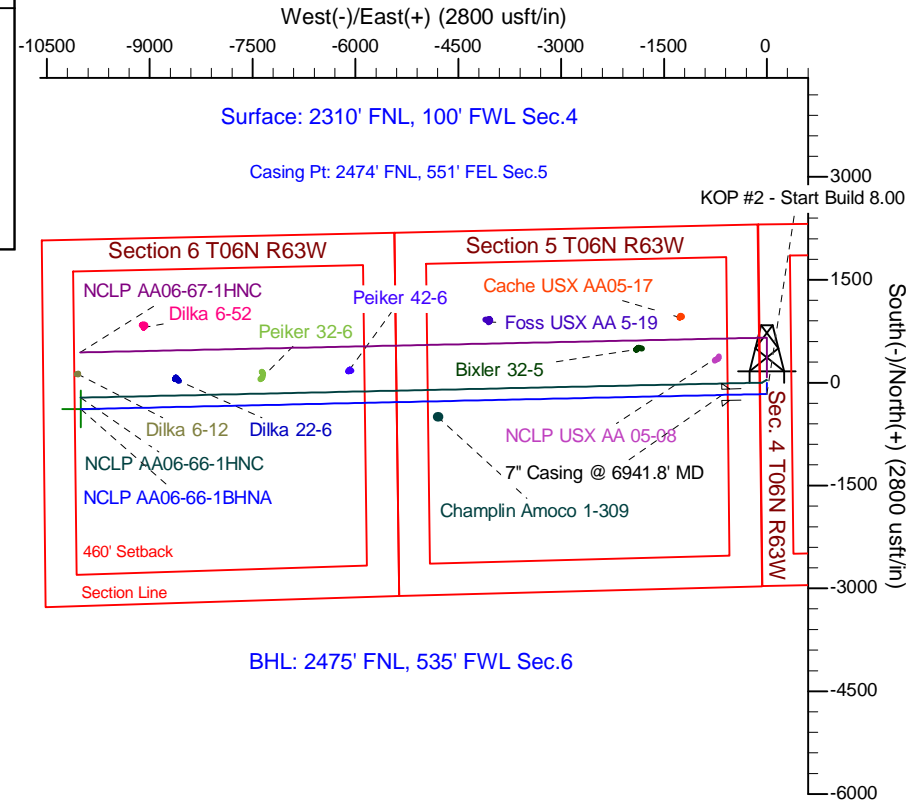
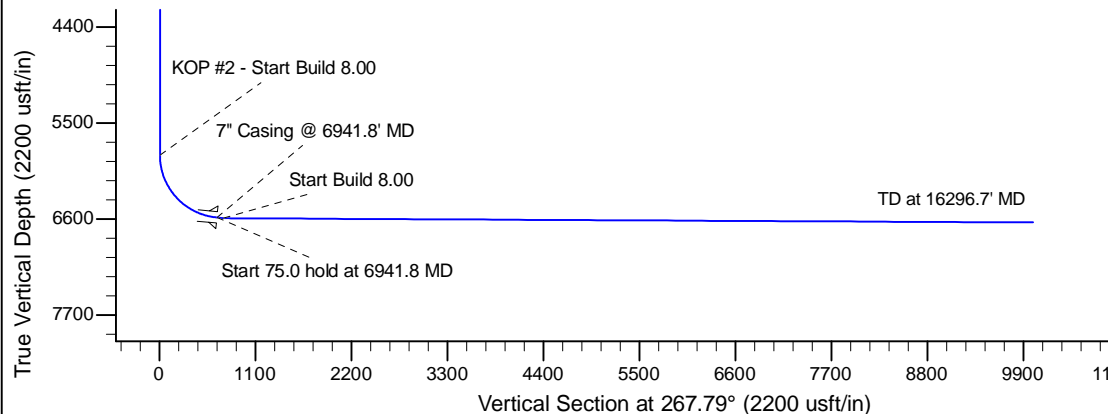
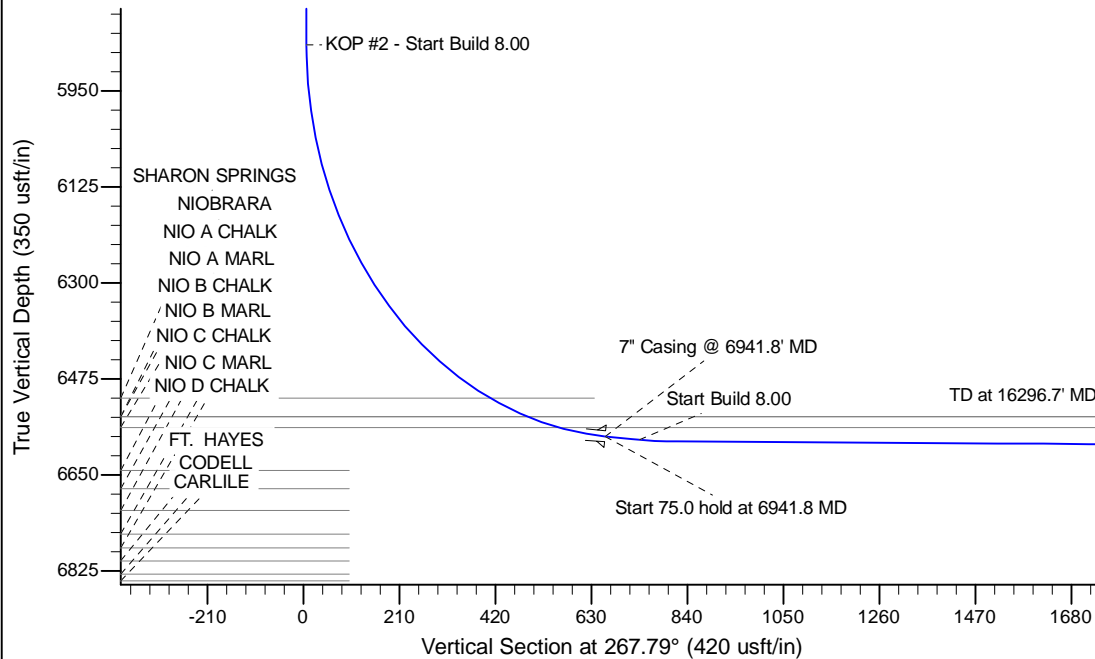
Project: Wattenberg Field  
 Site: AA (Sec.4-T06N-R63W) Weld County, CO  
 Well: NCLP AA06-66-1BHNA  
 Wellbore: Original Drilling  
 Design: APD - Rev 1

# Northern Region Drilling - Working

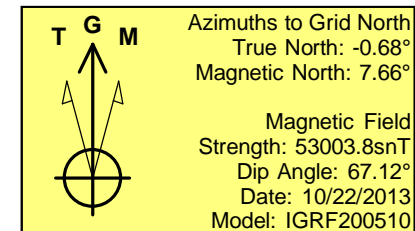
Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Colorado Northern Zone  
 System Datum: Mean Sea Level

## 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   | 1500.0  | 0.00  | 0.00   | 1500.0 | 0.0    | 0.0      | 0.00 | 0.00   | 0.0     |  |
| 3   | 2101.5  | 12.03 | 180.00 | 2097.1 | -62.9  | 0.0      | 2.00 | 180.00 | 2.4     |  |
| 4   | 2289.5  | 12.03 | 180.00 | 2280.9 | -102.1 | 0.0      | 0.00 | 0.00   | 3.9     |  |
| 5   | 2890.9  | 0.00  | 0.00   | 2878.0 | -165.0 | 0.0      | 2.00 | 180.00 | 6.4     |  |
| 6   | 5879.3  | 0.00  | 0.00   | 5866.4 | -165.0 | 0.0      | 0.00 | 0.00   | 6.4     |  |
| 7   | 6941.8  | 85.00 | 268.73 | 6579.9 | -179.4 | -653.6   | 8.00 | 268.73 | 660.0   |  |
| 8   | 7016.8  | 85.00 | 268.73 | 6586.4 | -181.1 | -728.3   | 0.00 | 0.00   | 734.8   |  |
| 9   | 7075.6  | 89.70 | 268.73 | 6589.1 | -182.4 | -787.0   | 8.00 | 0.00   | 793.4   |  |
| 10  | 16296.7 | 89.70 | 268.73 | 6637.4 | -386.0 | -10005.7 | 0.00 | 0.00   | 10013.1 | NCLP AA06-66-1BHNA BHL 2475'FNL, 535'FEL |



BHL: 2475' FNL, 535' FWL Sec.6



## WELL DETAILS: NCLP AA06-66-1BHNA

| Ground Level: 4710.0 |             |          |           |
|----------------------|-------------|----------|-----------|
| 0.0                  | 0.0         | North    | East      |
| 1432785.37           | 3291686.73  | Latitude | Longitude |
| 40.516660            | -104.450860 |          |           |

Plan: APD - Rev 1 (NCLP AA06-66-1BHNA/Original Drilling)

|                            |                               |
|----------------------------|-------------------------------|
| Created By: Shailey Jewell | Date: 10:28, November 26 2013 |
| Checked: _____             | Date: _____                   |
| Reviewed: _____            | Date: _____                   |
| Approved: _____            | Date: _____                   |