

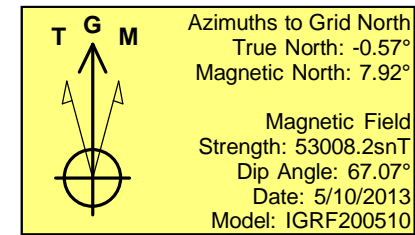
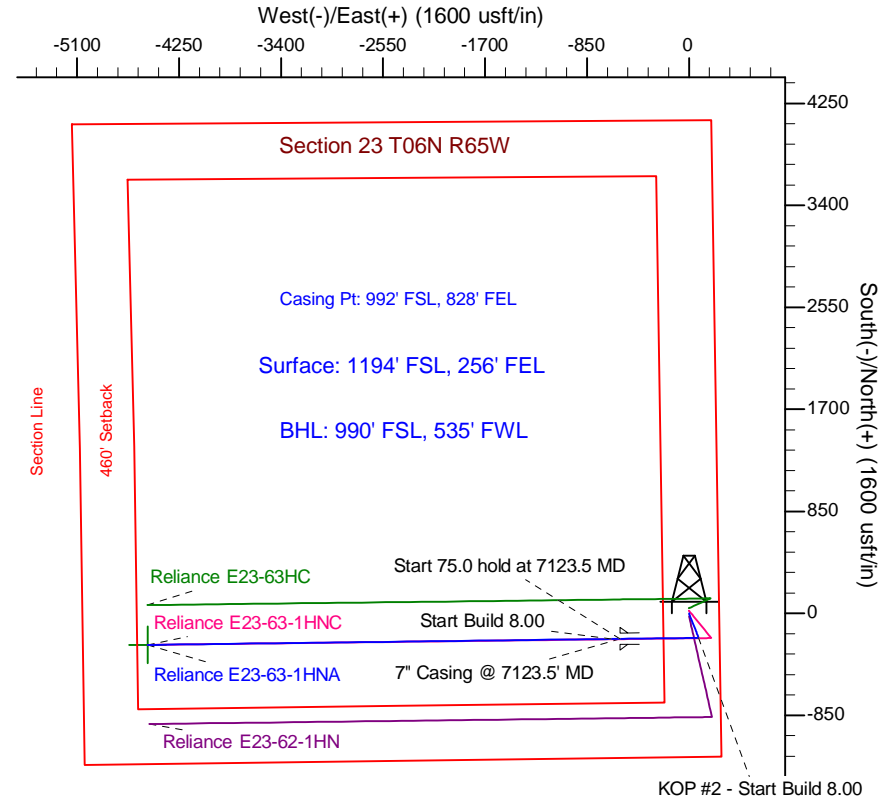
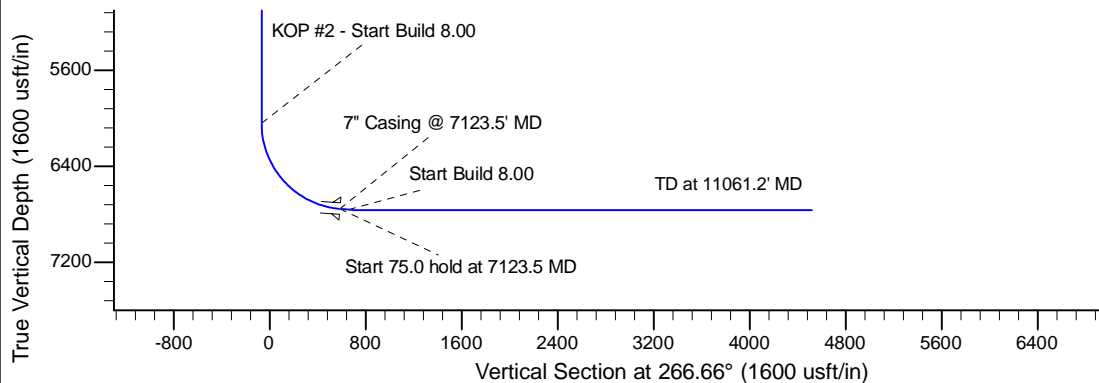
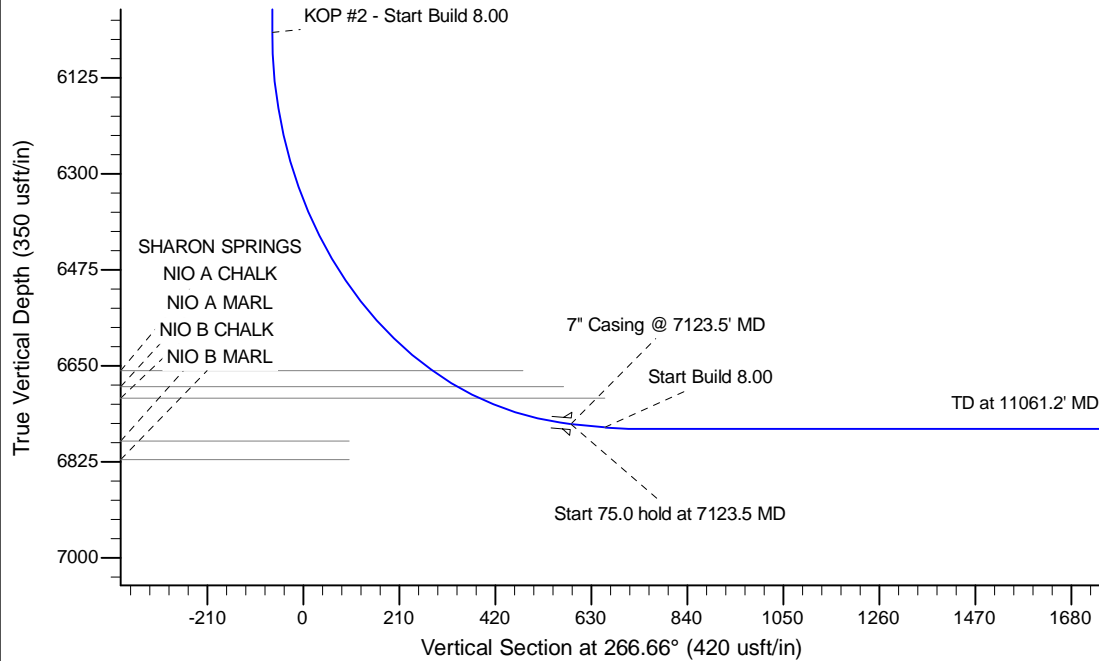
Project: Wattenberg Field  
Site: E (Sec.23-T06N-R65W) Weld County, CO  
Well: Reliance E23-63-1HNA  
Wellbore: Original Drilling  
Design: APD - Rev 0

# Northern Region Drilling

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  | VFace  | 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   | 2404.2  | 12.08 | 158.59 | 2399.7 | -59.1  | 23.2    | 2.00 | 158.59 | -19.7  |   |
| 4   | 2844.5  | 12.08 | 158.59 | 2830.3 | -144.9 | 56.8    | 0.00 | 0.00   | -48.3  |   |
| 5   | 3448.7  | 0.00  | 0.00   | 3430.0 | -204.0 | 80.0    | 2.00 | 180.00 | -68.0  |   |
| 6   | 6061.0  | 0.00  | 0.00   | 6042.3 | -204.0 | 80.0    | 0.00 | 0.00   | -68.0  |   |
| 7   | 7123.5  | 85.00 | 269.27 | 6755.7 | -212.4 | -573.7  | 8.00 | 269.27 | 585.1  |   |
| 8   | 7198.5  | 85.00 | 269.27 | 6762.3 | -213.3 | -648.4  | 0.00 | 0.00   | 659.7  |   |
| 9   | 7261.0  | 90.00 | 269.27 | 6765.0 | -214.1 | -710.8  | 8.00 | 0.00   | 722.1  |   |
| 10  | 11061.2 | 90.00 | 269.27 | 6765.0 | -262.9 | -4510.8 | 0.00 | 0.00   | 4518.4 | Reliance E23-63-1HNA BHL 990'FSL, 535'FWL |



| WELL DETAILS: Reliance E23-63-1HNA                         |     |                          |                       |   |
|--|-----|--------------------------|-----------------------|---|
| Ground Level: 4694.0                                       |     |                          |                       |   |
| 0.0  | 0.0 | Northing<br>1414357.04   | Easting<br>3244354.22 | Latitude<br>40.467490<br>Longitude<br>-104.621750 |
| Plan: APD - Rev 0 (Reliance E23-63-1HNA/Original Drilling) |     |                          |                       |   |
| Created By: Shailey Jewell                                 |     | Date: 13:57, May 10 2013 |                       |   |
| Checked: _____   |     | Date: _____              |                       |   |
| Reviewed: _____  |     | Date: _____              |                       |   |
| Approved: _____  |     | Date: _____              |                       |   |