

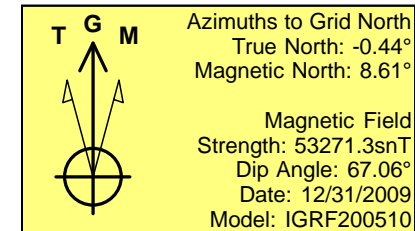
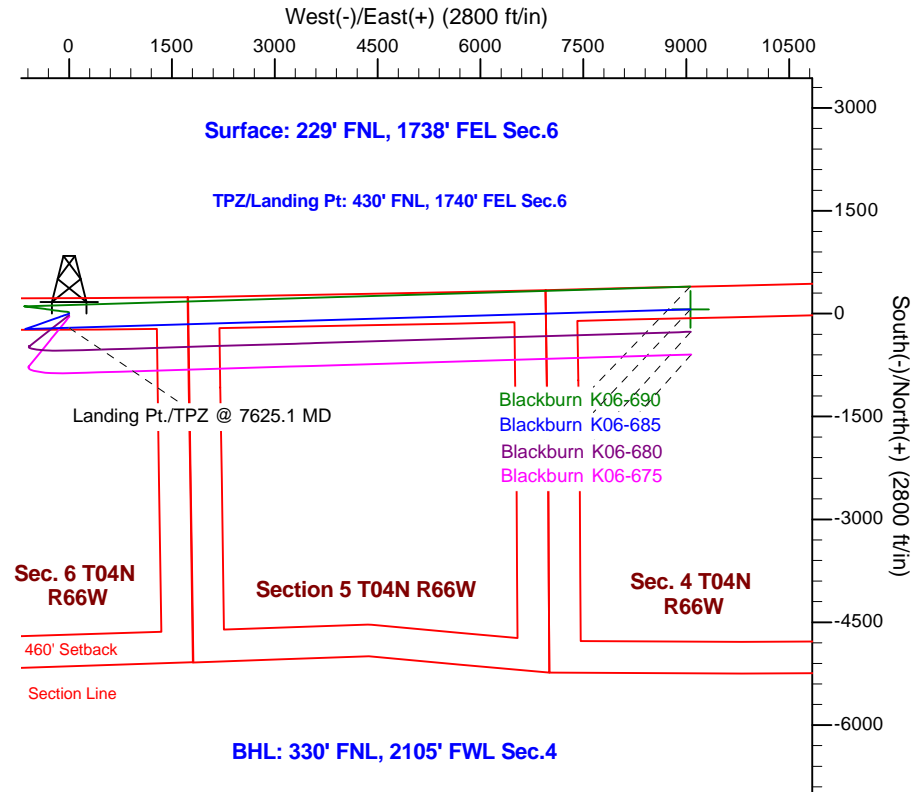
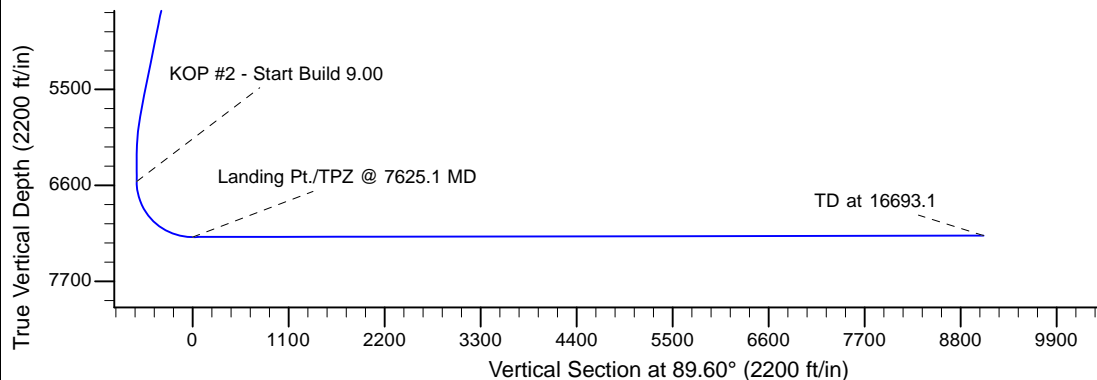
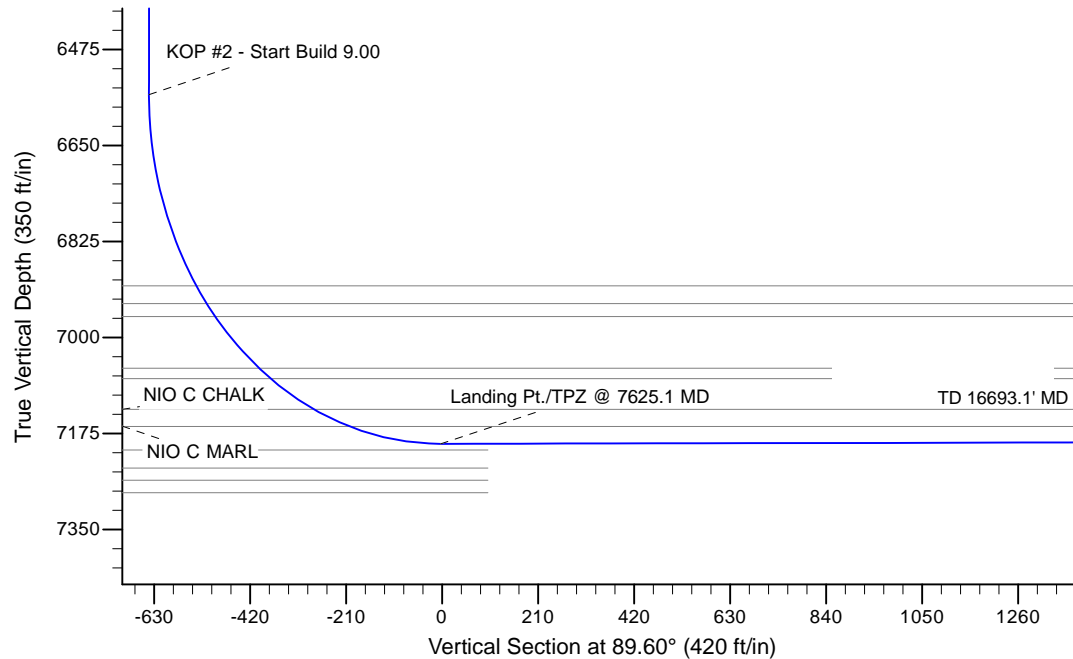
Project: Wattenberg Field  
 Site: K (Section 6-T04N-R66W) Weld County, CO  
 Well: Blackburn K06-685  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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  | VFace  | 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   | 3098.6  | 11.97 | 250.63 | 3094.3 | -20.7  | -58.8  | 2.00 | 250.63 | -58.9  |   |
| 4   | 5768.1  | 11.97 | 250.63 | 5705.7 | -204.3 | -581.2 | 0.00 | 0.00   | -582.6 |   |
| 5   | 6366.8  | 0.00  | 0.00   | 6300.0 | -225.0 | -640.0 | 2.00 | 180.00 | -641.6 |   |
| 6   | 6624.0  | 0.00  | 0.00   | 6557.2 | -225.0 | -640.0 | 0.00 | 0.00   | -641.6 |   |
| 7   | 7625.1  | 90.10 | 88.29  | 7193.8 | -206.0 | -2.6   | 9.00 | 88.29  | -4.0   |   |
| 8   | 16693.1 | 90.10 | 88.29  | 7178.0 | 64.0   | 9061.5 | 0.00 | 0.00   | 9061.7 | Blackburn K06-685 BHL 330'FNL, 2105'FWL |



| WELL DETAILS: Blackburn K06-685                         |     |            |                             |           |             |
|---|-----|------------|-----------------------------|-----------|-------------|
| Ground Level:4792.0                                     |     |            |                             |           |             |
| 0.0   | 0.0 | Northing   | Easting                     | Latitude  | Longitude   |
|   |     | 1370405.43 | 3189970.37                  | 40.348160 | -104.818420 |
| Plan: APD - Rev 0 (Blackburn K06-685/Original Drilling) |     |            |                             |           |             |
| Created By: Shailey Jewell                              |     |            | Date: 10:29, August 04 2016 |           |             |
| OK to submit with 2A as per Noble Drilling              |     |            |                             |           |             |
| 8/4/2016 10:33  |     |            |                             |           |             |