



Project: WELD COUNTY, COLORADO (NAD 83)  
Site: NW NW SEC. 26 T5N R63W 6th P.M.  
Well: NORTH PLATTE J-F-23HNB  
Wellbore: ORIGINAL WELLBORE  
Design: PROPOSAL #3

ANNOTATIONS

| TVD    | MD      | Inc   | Azi    | +N/-S  | +E/-W | Vsect  | Dep    | Annotation                                      |
|--------|---------|-------|--------|--------|-------|--------|--------|---|
| 0.0    | 0.0     | 0.00  | 0.00   | 0.0    | 0.0   | 0.0    | 0.0    | SHL: 396ft FNL & 1080ft FWL of Sec 26           |
| 1000.0 | 1000.0  | 0.00  | 0.00   | 0.0    | 0.0   | 0.0    | 0.0    | START NUDGE (2°/100ft BUR)                      |
| 1595.6 | 1600.0  | 12.00 | 41.76  | 46.7   | 41.7  | 48.6   | 62.6   | EOB TO 12° INC                                  |
| 3585.2 | 3634.0  | 12.00 | 41.76  | 362.2  | 323.3 | 376.9  | 485.5  | END OF TANGENT                                  |
| 4180.8 | 4234.0  | 0.00  | 41.76  | 408.9  | 365.0 | 425.5  | 548.1  | EOD TO VERTICAL                                 |
| 5854.8 | 5908.0  | 0.00  | 0.00   | 408.9  | 365.0 | 425.5  | 548.1  | KOP (12°/100ft BUR)                             |
| 6316.0 | 6533.0  | 75.00 | 358.56 | 762.7  | 356.1 | 778.4  | 902.0  | START OF TANGENT                                |
| 6341.9 | 6633.0  | 75.00 | 358.56 | 859.2  | 353.7 | 874.8  | 998.6  | END OF TANGENT                                  |
| 6358.1 | 6758.0  | 90.00 | 358.56 | 982.8  | 350.6 | 998.0  | 1122.2 | HZ LP *NEW*: 589.1ft FSL & 1436ft FWL of Sec 23 |
| 6358.1 | 11003.5 | 90.00 | 358.56 | 5226.9 | 244.0 | 5232.6 | 5367.7 | BHL: 470ft FNL & 1403ft FWL of Sec 23           |

LOCAL COORDINATES:

SHL: 396ft FNL & 1080ft FWL of Sec 26  
HZ LP \*NEW\*: 589.1ft FSL & 1436ft FWL Sec 23  
BHL: 470ft FNL & 1403ft FWL Sec 23

WELLBORE TARGET DETAILS (LAT/LONG)

| Name                                 | TVD    | +N/-S  | +E/-W | Latitude  | Longitude   |
|--------------------------------------|--------|--------|-------|-----------|-------------|
| KOP - NORTH PLATTE J-F-23HNB         | 5854.8 | 408.9  | 365.0 | 40.377525 | -104.407251 |
| BHL - NORTH PLATTE J-F-23HNB         | 6358.1 | 5226.9 | 244.0 | 40.390750 | -104.407685 |
| HZ LP *NEW* - NORTH PLATTE J-F-23HNB | 6358.1 | 982.8  | 350.6 | 40.379101 | -104.407303 |

