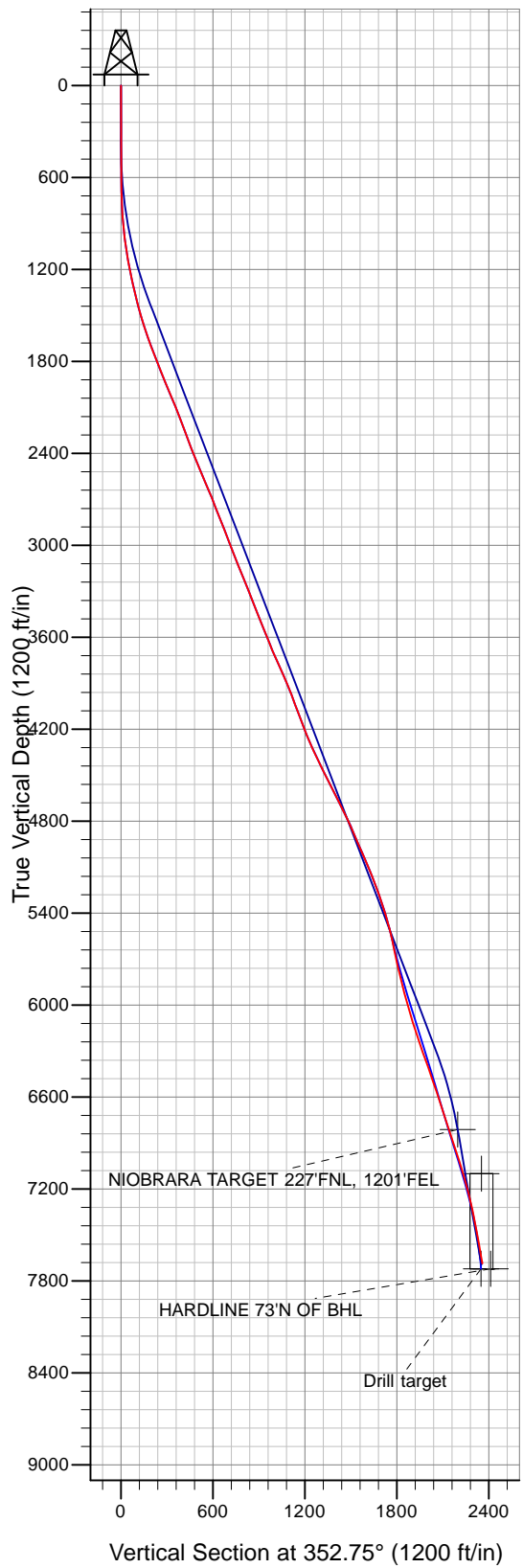
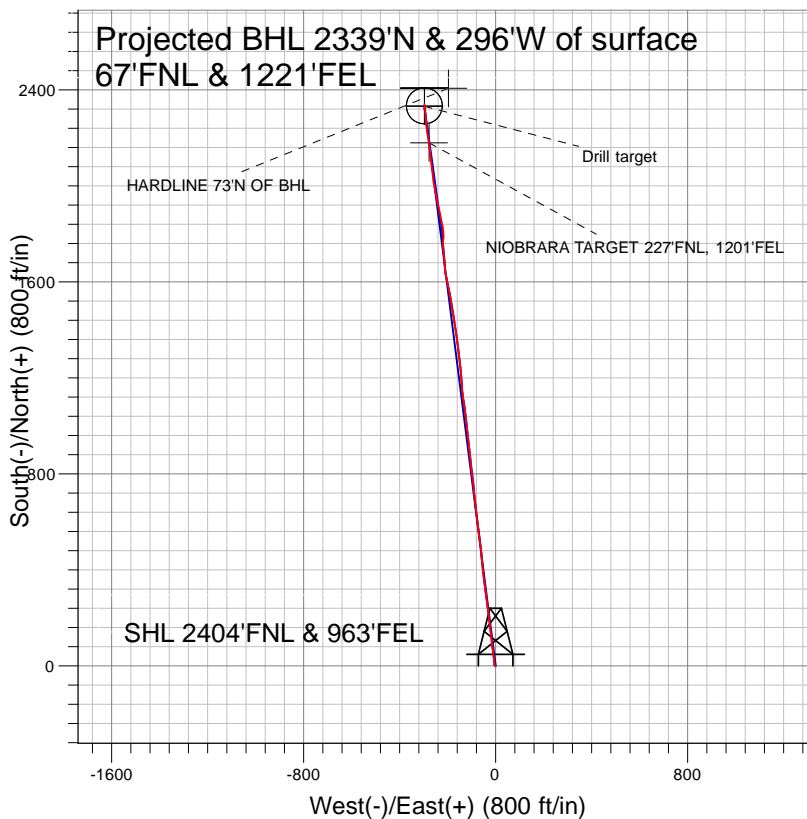


Well Name: **Horse Iron P21-27D**
 Surface Location: Horse Iron Pad Sec.21-T3N-R67W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4790.0
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1320628.07 3170512.13 40° 12' 42.876 N 104° 53' 22.056 W
 Original Well Elev WELL @ 4803.0ft (Original Well Elev)



NOBLE ENERGY INC WELD COUNTY CO



LEGEND

- △— Horse Iron P21-27D, Wellbore #1, Plan 3 May 9 2010 tied to survey V0
- +— Horse Iron P21-27D, Wellbore #1, Plan #2 (7-22-09) V0
- Wellbore #1

Final Survey Plot

Projected Final Survey -
 8105'MD & 7686'TVD @ 2358' VS
 9.9 deg Inc 353.0 deg AZ

Project: SEC.21-T3N-R67W
 Site: Horse Iron Pad Sec.21-T3N-R67W
 Well: Horse Iron P21-27D
 Plan: Wellbore #1



NOBLE ENERGY INC WELD COUNTY CO

SEC.21-T3N-R67W

Horse Iron Pad Sec.21-T3N-R67W

Horse Iron P21-27D

Wellbore #1

Design: Wellbore #1

Standard Survey Report

01 July, 2010



| | | | |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| Company: | NOBLE ENERGY INC WELD COUNTY CO | Local Co-ordinate Reference: | Well Horse Iron P21-27D |
| Project: | SEC.21-T3N-R67W | TVD Reference: | WELL @ 4803.0ft (Original Well Elev) |
| Site: | Horse Iron Pad Sec.21-T3N-R67W | MD Reference: | WELL @ 4803.0ft (Original Well Elev) |
| Well: | Horse Iron P21-27D | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM den0-adp01 Server Data |

| | | | |
|--------------------|--|----------------------|-----------------------------|
| Project | SEC.21-T3N-R67W, Weld County, Colorado | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | Using geodetic scale factor |

| | | | |
|------------------------------|--------------------------------|--------------------------|-------------------|
| Site | Horse Iron Pad Sec.21-T3N-R67W | | |
| Site Position: | | Northing: | 1,320,540.31 ft |
| From: | Lat/Long | Easting: | 3,170,462.46 ft |
| Position Uncertainty: | 0.0 ft | Slot Radius: | " |
| | | Latitude: | 40° 12' 42.012 N |
| | | Longitude: | 104° 53' 22.704 W |
| | | Grid Convergence: | 0.39 ° |

| | | | |
|-----------------------------|--------------------|----------------------------|----------------------------------|
| Well | Horse Iron P21-27D | | |
| Well Position | +N/-S | 0.0 ft | Northing: 1,320,628.07 ft |
| | +E/-W | 0.0 ft | Easting: 3,170,512.13 ft |
| Position Uncertainty | 0.0 ft | Wellhead Elevation: | ft |
| | | Latitude: | 40° 12' 42.876 N |
| | | Longitude: | 104° 53' 22.056 W |
| | | Ground Level: | 4,790.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 5/17/2010 | 9.06 | 66.91 | 53,133 |

| | | | | | |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|-----|
| Design | Wellbore #1 | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 0.0 | 0.0 | 0.0 | 352.75 | |

| | | | | | |
|-----------------------|----------------|--------------------------|------------------|--------------------|--|
| Survey Program | Date | 7/1/2010 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 605.0 | 8,105.0 | Survey #1 (Wellbore #1) | MWD | MWD - Standard | |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|------------------------------|-----------------------------|----------------------------|--|
| Survey | | | | | | | | | | |
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 605.0 | 0.80 | 292.40 | 605.0 | 1.6 | -3.9 | 2.1 | 0.13 | 0.13 | 0.00 | |
| 691.0 | 1.10 | 326.90 | 691.0 | 2.5 | -4.9 | 3.1 | 0.73 | 0.35 | 40.12 | |
| 777.0 | 2.50 | 0.20 | 776.9 | 5.1 | -5.4 | 5.7 | 1.97 | 1.63 | 38.72 | |
| 862.0 | 4.30 | 358.70 | 861.8 | 10.1 | -5.4 | 10.7 | 2.12 | 2.12 | -1.76 | |
| 948.0 | 6.00 | 355.50 | 947.4 | 17.8 | -5.8 | 18.4 | 2.00 | 1.98 | -3.72 | |
| 1,034.0 | 7.80 | 353.10 | 1,032.8 | 28.1 | -6.9 | 28.8 | 2.12 | 2.09 | -2.79 | |
| 1,120.0 | 10.10 | 354.40 | 1,117.7 | 41.4 | -8.3 | 42.1 | 2.68 | 2.67 | 1.51 | |
| 1,205.0 | 11.40 | 352.50 | 1,201.3 | 57.2 | -10.2 | 58.0 | 1.59 | 1.53 | -2.24 | |
| 1,291.0 | 12.40 | 351.00 | 1,285.4 | 74.7 | -12.7 | 75.7 | 1.22 | 1.16 | -1.74 | |
| 1,377.0 | 13.50 | 353.90 | 1,369.2 | 93.8 | -15.2 | 95.0 | 1.49 | 1.28 | 3.37 | |
| 1,462.0 | 14.90 | 354.60 | 1,451.6 | 114.6 | -17.3 | 115.8 | 1.66 | 1.65 | 0.82 | |
| 1,548.0 | 17.50 | 353.50 | 1,534.2 | 138.4 | -19.8 | 139.8 | 3.04 | 3.02 | -1.28 | |

| | | | |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| Company: | NOBLE ENERGY INC WELD COUNTY CO | Local Co-ordinate Reference: | Well Horse Iron P21-27D |
| Project: | SEC.21-T3N-R67W | TVD Reference: | WELL @ 4803.0ft (Original Well Elev) |
| Site: | Horse Iron Pad Sec.21-T3N-R67W | MD Reference: | WELL @ 4803.0ft (Original Well Elev) |
| Well: | Horse Iron P21-27D | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM den0-adp01 Server Data |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 1,634.0 | 17.90 | 353.50 | 1,616.1 | 164.4 | -22.8 | 166.0 | 0.47 | 0.47 | 0.00 |
| 1,719.0 | 20.50 | 352.70 | 1,696.4 | 192.1 | -26.1 | 193.9 | 3.07 | 3.06 | -0.94 |
| 1,805.0 | 21.80 | 352.80 | 1,776.6 | 222.9 | -30.1 | 224.9 | 1.51 | 1.51 | 0.12 |
| 1,891.0 | 21.50 | 352.30 | 1,856.5 | 254.4 | -34.2 | 256.7 | 0.41 | -0.35 | -0.58 |
| 1,976.0 | 22.80 | 352.30 | 1,935.3 | 286.1 | -38.5 | 288.7 | 1.53 | 1.53 | 0.00 |
| 2,062.0 | 22.70 | 352.40 | 2,014.6 | 319.1 | -42.9 | 322.0 | 0.12 | -0.12 | 0.12 |
| 2,148.0 | 22.10 | 353.30 | 2,094.1 | 351.6 | -47.0 | 354.7 | 0.80 | -0.70 | 1.05 |
| 2,234.0 | 20.70 | 353.00 | 2,174.1 | 382.8 | -50.7 | 386.1 | 1.63 | -1.63 | -0.35 |
| 2,319.0 | 20.40 | 352.30 | 2,253.7 | 412.4 | -54.5 | 416.0 | 0.46 | -0.35 | -0.82 |
| 2,405.0 | 20.30 | 357.00 | 2,334.4 | 442.1 | -57.3 | 445.8 | 1.90 | -0.12 | 5.47 |
| 2,490.0 | 22.20 | 354.10 | 2,413.6 | 472.8 | -59.7 | 476.6 | 2.55 | 2.24 | -3.41 |
| 2,576.0 | 23.00 | 352.10 | 2,493.0 | 505.6 | -63.7 | 509.6 | 1.29 | 0.93 | -2.33 |
| 2,662.0 | 23.00 | 353.30 | 2,572.1 | 539.0 | -68.0 | 543.2 | 0.55 | 0.00 | 1.40 |
| 2,747.0 | 22.60 | 352.50 | 2,650.5 | 571.6 | -72.1 | 576.2 | 0.60 | -0.47 | -0.94 |
| 2,833.0 | 20.70 | 354.10 | 2,730.4 | 603.1 | -75.8 | 607.9 | 2.31 | -2.21 | 1.86 |
| 2,919.0 | 22.20 | 351.30 | 2,810.5 | 634.3 | -79.8 | 639.3 | 2.11 | 1.74 | -3.26 |
| 3,005.0 | 21.40 | 353.60 | 2,890.3 | 666.0 | -84.0 | 671.3 | 1.36 | -0.93 | 2.67 |
| 3,090.0 | 21.20 | 354.60 | 2,969.5 | 696.7 | -87.2 | 702.1 | 0.49 | -0.24 | 1.18 |
| 3,176.0 | 21.10 | 354.65 | 3,049.7 | 727.6 | -90.1 | 733.1 | 0.12 | -0.12 | 0.06 |
| 3,262.0 | 22.10 | 355.00 | 3,129.7 | 759.1 | -92.9 | 764.8 | 1.17 | 1.16 | 0.41 |
| 3,347.0 | 22.30 | 352.90 | 3,208.4 | 791.0 | -96.3 | 796.9 | 0.96 | 0.24 | -2.47 |
| 3,433.0 | 21.70 | 351.40 | 3,288.1 | 823.0 | -100.7 | 829.1 | 0.96 | -0.70 | -1.74 |
| 3,518.0 | 21.30 | 354.50 | 3,367.2 | 853.9 | -104.6 | 860.2 | 1.42 | -0.47 | 3.65 |
| 3,604.0 | 21.50 | 354.60 | 3,447.3 | 885.1 | -107.5 | 891.6 | 0.24 | 0.23 | 0.12 |
| 3,690.0 | 22.40 | 354.50 | 3,527.1 | 917.1 | -110.6 | 923.7 | 1.05 | 1.05 | -0.12 |
| 3,775.0 | 21.40 | 351.80 | 3,605.9 | 948.6 | -114.4 | 955.4 | 1.67 | -1.18 | -3.18 |
| 3,861.0 | 23.10 | 352.90 | 3,685.5 | 980.8 | -118.7 | 988.0 | 2.04 | 1.98 | 1.28 |
| 3,946.0 | 23.90 | 355.10 | 3,763.5 | 1,014.6 | -122.2 | 1,021.9 | 1.40 | 0.94 | 2.59 |
| 4,032.0 | 24.40 | 353.90 | 3,841.9 | 1,049.6 | -125.6 | 1,057.0 | 0.81 | 0.58 | -1.40 |
| 4,118.0 | 22.40 | 350.25 | 3,920.9 | 1,083.4 | -130.2 | 1,091.2 | 2.87 | -2.33 | -4.24 |
| 4,203.0 | 19.70 | 351.60 | 4,000.2 | 1,113.5 | -135.1 | 1,121.7 | 3.23 | -3.18 | 1.59 |
| 4,289.0 | 21.30 | 353.90 | 4,080.7 | 1,143.4 | -138.9 | 1,151.8 | 2.08 | 1.86 | 2.67 |
| 4,374.0 | 20.60 | 356.90 | 4,160.1 | 1,173.7 | -141.3 | 1,182.1 | 1.51 | -0.82 | 3.53 |
| 4,460.0 | 22.00 | 356.10 | 4,240.2 | 1,204.9 | -143.2 | 1,213.3 | 1.66 | 1.63 | -0.93 |
| 4,546.0 | 24.60 | 354.40 | 4,319.2 | 1,238.8 | -146.1 | 1,247.3 | 3.12 | 3.02 | -1.98 |
| 4,631.0 | 25.50 | 351.70 | 4,396.2 | 1,274.5 | -150.4 | 1,283.3 | 1.71 | 1.06 | -3.18 |
| 4,717.0 | 26.30 | 353.90 | 4,473.6 | 1,311.7 | -155.1 | 1,320.8 | 1.45 | 0.93 | 2.56 |
| 4,802.0 | 26.00 | 353.90 | 4,549.9 | 1,349.0 | -159.1 | 1,358.3 | 0.35 | -0.35 | 0.00 |
| 4,888.0 | 27.80 | 349.90 | 4,626.6 | 1,387.5 | -164.6 | 1,397.2 | 2.97 | 2.09 | -4.65 |
| 4,974.0 | 27.10 | 351.00 | 4,702.9 | 1,426.6 | -171.2 | 1,436.8 | 1.01 | -0.81 | 1.28 |
| 5,059.0 | 25.50 | 352.00 | 4,779.1 | 1,463.8 | -176.8 | 1,474.4 | 1.95 | -1.88 | 1.18 |
| 5,145.0 | 23.20 | 351.20 | 4,857.5 | 1,498.9 | -182.0 | 1,509.9 | 2.70 | -2.67 | -0.93 |
| 5,231.0 | 22.60 | 349.70 | 4,936.7 | 1,531.9 | -187.5 | 1,543.3 | 0.97 | -0.70 | -1.74 |
| 5,317.0 | 23.80 | 347.90 | 5,015.7 | 1,565.1 | -194.1 | 1,577.1 | 1.62 | 1.40 | -2.09 |
| 5,402.0 | 23.60 | 346.90 | 5,093.6 | 1,598.5 | -201.5 | 1,611.1 | 0.53 | -0.24 | -1.18 |
| 5,488.0 | 21.00 | 351.00 | 5,173.1 | 1,630.5 | -207.9 | 1,643.6 | 3.52 | -3.02 | 4.77 |
| 5,573.0 | 20.10 | 355.50 | 5,252.7 | 1,660.1 | -211.4 | 1,673.5 | 2.14 | -1.06 | 5.29 |
| 5,659.0 | 18.10 | 357.50 | 5,334.0 | 1,688.1 | -213.1 | 1,701.5 | 2.45 | -2.33 | 2.33 |
| 5,745.0 | 17.10 | 352.40 | 5,416.0 | 1,714.0 | -215.4 | 1,727.5 | 2.14 | -1.16 | -5.93 |
| 5,830.0 | 14.30 | 355.00 | 5,497.8 | 1,736.9 | -218.0 | 1,750.5 | 3.40 | -3.29 | 3.06 |
| 5,916.0 | 12.90 | 359.00 | 5,581.4 | 1,757.1 | -219.1 | 1,770.6 | 1.96 | -1.63 | 4.65 |
| 6,001.0 | 11.90 | 6.50 | 5,664.4 | 1,775.2 | -218.2 | 1,788.6 | 2.23 | -1.18 | 8.82 |
| 6,087.0 | 12.70 | 358.70 | 5,748.4 | 1,793.5 | -217.4 | 1,806.6 | 2.14 | 0.93 | -9.07 |
| 6,172.0 | 13.70 | 355.30 | 5,831.2 | 1,812.9 | -218.5 | 1,826.0 | 1.49 | 1.18 | -4.00 |

| | | | |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| Company: | NOBLE ENERGY INC WELD COUNTY CO | Local Co-ordinate Reference: | Well Horse Iron P21-27D |
| Project: | SEC.21-T3N-R67W | TVD Reference: | WELL @ 4803.0ft (Original Well Elev) |
| Site: | Horse Iron Pad Sec.21-T3N-R67W | MD Reference: | WELL @ 4803.0ft (Original Well Elev) |
| Well: | Horse Iron P21-27D | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM den0-adp01 Server Data |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 6,258.0 | 14.60 | 348.30 | 5,914.6 | 1,833.6 | -221.5 | 1,846.9 | 2.25 | 1.05 | -8.14 |
| 6,344.0 | 15.50 | 348.00 | 5,997.6 | 1,855.5 | -226.1 | 1,869.2 | 1.05 | 1.05 | -0.35 |
| 6,430.0 | 17.50 | 348.60 | 6,080.1 | 1,879.4 | -231.0 | 1,893.6 | 2.33 | 2.33 | 0.70 |
| 6,515.0 | 18.80 | 347.50 | 6,160.8 | 1,905.3 | -236.5 | 1,919.9 | 1.58 | 1.53 | -1.29 |
| 6,601.0 | 19.10 | 347.90 | 6,242.2 | 1,932.6 | -242.5 | 1,947.8 | 0.38 | 0.35 | 0.47 |
| 6,687.0 | 19.10 | 348.80 | 6,323.4 | 1,960.2 | -248.2 | 1,975.8 | 0.34 | 0.00 | 1.05 |
| 6,772.0 | 18.90 | 349.20 | 6,403.8 | 1,987.3 | -253.4 | 2,003.4 | 0.28 | -0.24 | 0.47 |
| 6,858.0 | 19.00 | 350.90 | 6,485.2 | 2,014.8 | -258.3 | 2,031.3 | 0.65 | 0.12 | 1.98 |
| 6,943.0 | 18.70 | 354.10 | 6,565.6 | 2,042.1 | -261.9 | 2,058.8 | 1.27 | -0.35 | 3.76 |
| 7,028.0 | 18.20 | 353.20 | 6,646.2 | 2,068.8 | -264.8 | 2,085.7 | 0.68 | -0.59 | -1.06 |
| 7,114.0 | 18.10 | 352.40 | 6,728.0 | 2,095.4 | -268.2 | 2,112.5 | 0.31 | -0.12 | -0.93 |
| 7,200.0 | 17.90 | 353.90 | 6,809.7 | 2,121.8 | -271.4 | 2,139.0 | 0.59 | -0.23 | 1.74 |
| 7,219.8 | 17.92 | 354.39 | 6,828.6 | 2,127.8 | -272.0 | 2,145.1 | 0.77 | 0.11 | 2.48 |
| NIORARA TARGET 227°FNL, 1201°FEL | | | | | | | | | |
| 7,285.0 | 18.00 | 356.00 | 6,890.6 | 2,147.8 | -273.7 | 2,165.2 | 0.77 | 0.12 | 2.47 |
| 7,371.0 | 17.90 | 351.70 | 6,972.4 | 2,174.2 | -276.5 | 2,191.7 | 1.54 | -0.12 | -5.00 |
| 7,457.0 | 17.40 | 349.00 | 7,054.4 | 2,199.9 | -280.9 | 2,217.7 | 1.12 | -0.58 | -3.14 |
| 7,539.9 | 16.72 | 351.24 | 7,133.7 | 2,223.8 | -285.0 | 2,242.0 | 1.14 | -0.82 | 2.70 |
| TARGET CIRCLE 73°FNL, 1220°FEL | | | | | | | | | |
| 7,542.0 | 16.70 | 351.30 | 7,135.6 | 2,224.4 | -285.1 | 2,242.6 | 1.14 | -0.81 | 2.81 |
| 7,628.0 | 14.20 | 354.20 | 7,218.5 | 2,247.1 | -288.1 | 2,265.5 | 3.04 | -2.91 | 3.37 |
| 7,713.0 | 12.50 | 355.90 | 7,301.2 | 2,266.7 | -289.8 | 2,285.1 | 2.05 | -2.00 | 2.00 |
| 7,799.0 | 11.30 | 355.30 | 7,385.4 | 2,284.4 | -291.1 | 2,302.8 | 1.40 | -1.40 | -0.70 |
| 7,884.0 | 10.60 | 356.00 | 7,468.8 | 2,300.5 | -292.4 | 2,319.0 | 0.84 | -0.82 | 0.82 |
| 7,970.0 | 10.20 | 354.10 | 7,553.4 | 2,315.9 | -293.7 | 2,334.5 | 0.61 | -0.47 | -2.21 |
| 8,056.0 | 10.00 | 353.50 | 7,638.1 | 2,330.9 | -295.3 | 2,349.6 | 0.26 | -0.23 | -0.70 |
| 8,105.0 | 9.90 | 353.00 | 7,686.3 | 2,339.3 | -296.3 | 2,358.0 | 0.27 | -0.20 | -1.02 |
| HARDLINE 73°N OF BHL - Drill target | | | | | | | | | |

Wellbore Targets

| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|-------------------|
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| NIORARA TARGET | 0.00 | 0.00 | 6,812.0 | 2,178.9 | -277.2 | 1,322,804.91 | 3,170,219.95 | 40° 13' 4.408 N | 104° 53' 25.629 W |
| - actual wellpath misses target center by 54.0ft at 7219.8ft MD (6828.6 TVD, 2127.8 N, -272.0 E) | | | | | | | | | |
| - Point | | | | | | | | | |
| TARGET CIRCLE 73' | 0.00 | 0.00 | 7,100.0 | 2,333.2 | -296.9 | 1,322,959.07 | 3,170,199.19 | 40° 13' 5.932 N | 104° 53' 25.883 W |
| - actual wellpath misses target center by 115.0ft at 7539.9ft MD (7133.7 TVD, 2223.8 N, -285.0 E) | | | | | | | | | |
| - Circle (radius 75.0) | | | | | | | | | |
| HARDLINE 73°N OF E | 0.00 | 0.00 | 7,720.0 | 2,405.9 | -196.6 | 1,323,032.45 | 3,170,298.98 | 40° 13' 6.651 N | 104° 53' 24.590 W |
| - actual wellpath misses target center by 124.5ft at 8105.0ft MD (7686.3 TVD, 2339.3 N, -296.3 E) | | | | | | | | | |
| - Polygon | | | | | | | | | |
| Point 1 | | | 7,720.0 | 0.0 | 0.0 | 1,323,032.45 | 3,170,298.98 | | |
| Point 2 | | | 7,720.0 | 0.0 | -200.0 | 1,323,031.08 | 3,170,099.00 | | |
| Drill target | 0.00 | 0.00 | 7,720.0 | 2,331.2 | -297.0 | 1,322,957.02 | 3,170,199.10 | 40° 13' 5.912 N | 104° 53' 25.885 W |
| - actual wellpath misses target center by 34.6ft at 8105.0ft MD (7686.3 TVD, 2339.3 N, -296.3 E) | | | | | | | | | |
| - Point | | | | | | | | | |

Checked By: _____ Approved By: _____ Date: _____