

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

WELD_CAMP PAD

CAMP 1N-25HZ

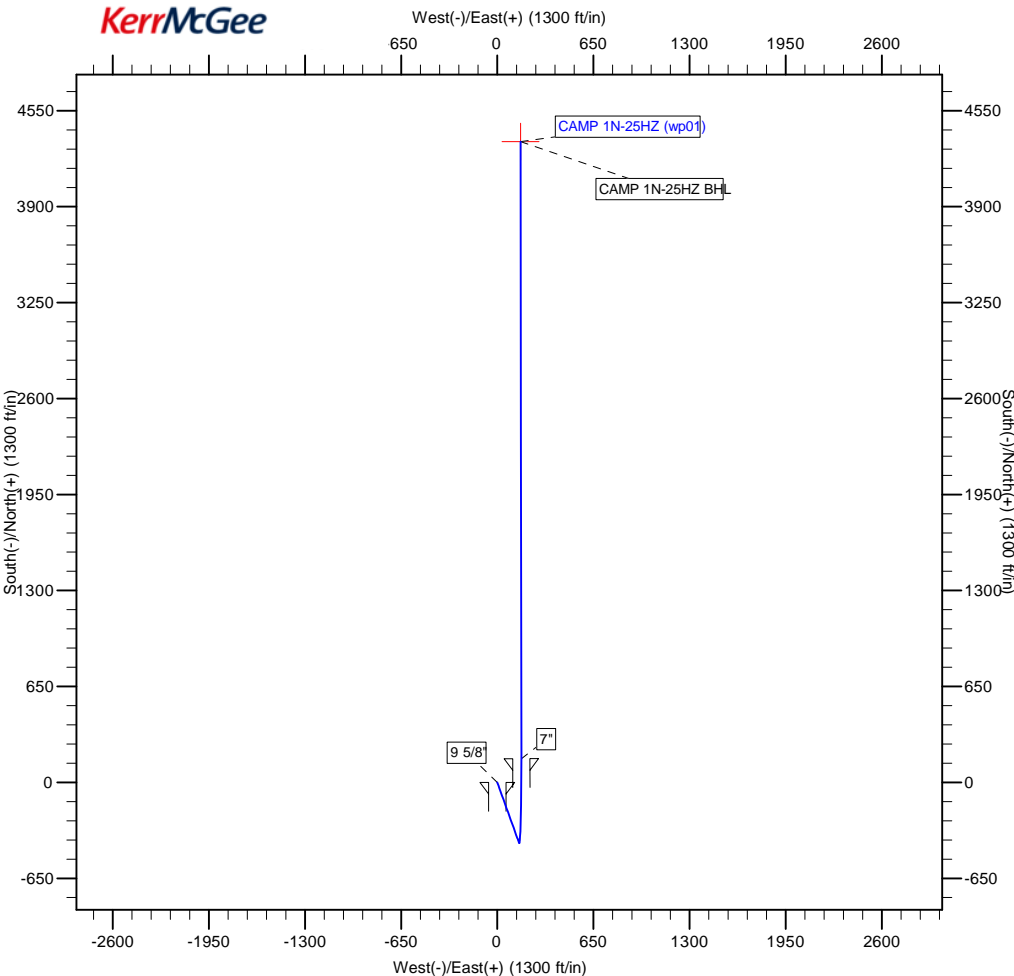
CAMP 1N-25HZ

Plan: CAMP 1N-25HZ (wp01)

Standard Planning Report

16 August, 2011





| WELL DETAILS: CAMP 1N-25HZ | | | | | | |
|----------------------------|-------|------------|--------------------------|---------------------|-------------|------|
| +N/-S | +E/-W | Northing | Ground Level: Easting | 4964.00 Latitude | Longitude | Slot |
| 0.00 | 0.00 | 1313189.34 | 3218417.67 | 40.190458 | -104.718171 | |

| WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG) | | | | | | |
|---|---------|---------|--------|-----------|-------------|-------|
| Name | TVD | +N/-S | +E/-W | Latitude | Longitude | Shape |
| CAMP 1N-25HZ BHL | 7165.00 | 4340.48 | 157.98 | 40.202373 | -104.717605 | Point |

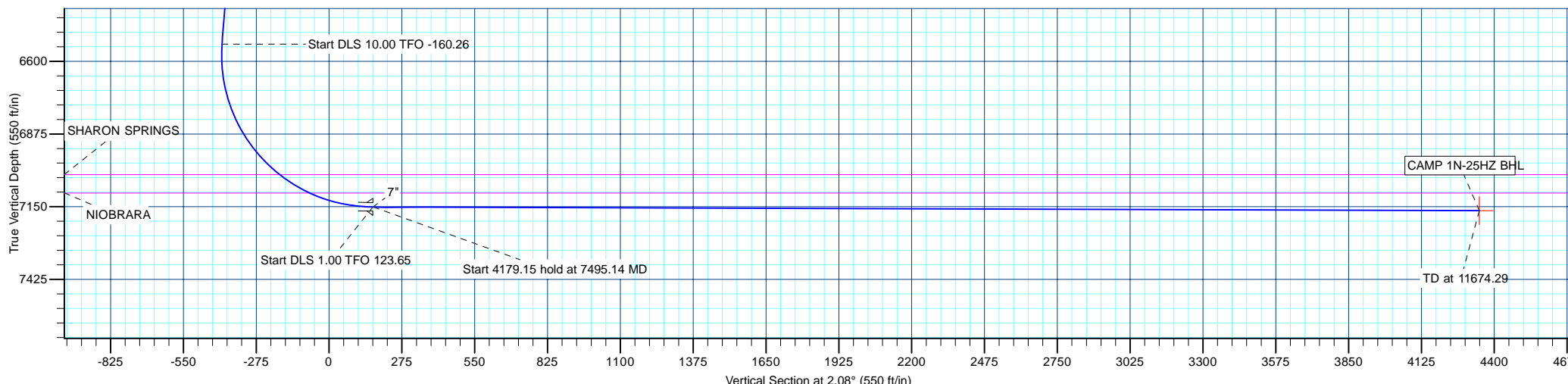
| SECTION DETAILS | | | | | | | | | |
|-----------------|-------|--------|---------|---------|--------|-------|---------|---------|------------------|
| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | Vsect | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1000.00 | 0.00 | 0.00 | 1000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1229.50 | 4.59 | 160.23 | 1229.26 | -8.65 | 3.11 | 2.00 | 160.23 | -8.53 | |
| 6552.42 | 4.59 | 160.23 | 6535.10 | -409.51 | 147.19 | 0.00 | 0.00 | -403.88 | |
| 7493.78 | 89.82 | 359.92 | 7151.00 | 160.00 | 163.00 | 10.00 | -160.26 | 165.82 | |
| 7495.14 | 89.81 | 359.93 | 7151.00 | 161.35 | 163.00 | 1.00 | 123.65 | 167.18 | |
| 11674.29 | 89.81 | 359.93 | 7165.00 | 4340.48 | 157.98 | 0.00 | 0.00 | 4343.35 | CAMP 1N-25HZ BHL |

| FORMATION TOP DETAILS | | | |
|-----------------------|---------|----------------|--|
| TVDPath | MDPath | Formation | |
| 3187.00 | 3193.54 | PARKMAN | |
| 4412.00 | 4422.49 | SUSSEX | |
| 5182.00 | 5194.96 | SHANNON | |
| 7029.00 | 7114.68 | SHARON SPRINGS | |
| 7098.00 | 7247.19 | NIOBRARA | |

| CASING DETAILS | | | |
|----------------|---------|--------|-------|
| TVD | MD | Name | Size |
| 850.00 | 850.00 | 9 5/8" | 9-5/8 |
| 7151.00 | 7493.78 | 7" | 7 |



Weatherford®



| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| Database: | edm5000p | Local Co-ordinate Reference: | Well CAMP 1N-25HZ |
| Company: | US ROCKIES REGION PLANNING | TVD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Project: | COLORADO NORTHERN ZONE - 83 | MD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Site: | WELD_CAMP PAD | North Reference: | True |
| Well: | CAMP 1N-25HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | CAMP 1N-25HZ | | |
| Design: | CAMP 1N-25HZ (wp01) | | |

| | | | |
|--------------------|-----------------------------|----------------------|----------------|
| Project | COLORADO NORTHERN ZONE - 83 | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| Site | | WELD_CAMP PAD | | | |
|-------------------------|----------|-----------------------|-----------------|--------------|-------------|
| Site Position: From: | Lat/Long | Northing: | 1,313,189.35 ft | Latitude: | 40.190458 |
| | | Easting: | 3,218,417.67 ft | Longitude: | -104.718171 |
| | | Position Uncertainty: | 0.00 ft | Slot Radius: | 0 " |

| | | | | | | |
|----------------------|--------------|----------|---------------------|-----------------|---------------|-------------|
| Well | CAMP 1N-25HZ | | | | | |
| Well Position | +N-S | -0.01 ft | Northing: | 1,313,189.34 ft | Latitude: | 40.190458 |
| | +E-W | 0.00 ft | Easting: | 3,218,417.67 ft | Longitude: | -104.718171 |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | | Ground Level: | 4,964.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | CAMP 1N-25HZ | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 7/18/2011 | 8.81 | 66.89 | 53,016 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | CAMP 1N-25HZ (wp01) | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 2.08 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|-----------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,229.50 | 4.59 | 160.23 | 1,229.26 | -8.65 | 3.11 | 2.00 | 2.00 | 0.00 | 160.23 | |
| 6,552.42 | 4.59 | 160.23 | 6,535.10 | -409.51 | 147.19 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,493.78 | 89.82 | 359.92 | 7,151.00 | 160.00 | 163.00 | 10.00 | 9.05 | -17.03 | -160.26 | |
| 7,495.14 | 89.81 | 359.93 | 7,151.00 | 161.35 | 163.00 | 1.00 | -0.55 | 0.83 | 123.65 | |
| 11,674.29 | 89.81 | 359.93 | 7,165.00 | 4,340.48 | 157.98 | 0.00 | 0.00 | 0.00 | 0.00 | CAMP 1N-25HZ BH |

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| Database: | edm5000p | Local Co-ordinate Reference: | Well CAMP 1N-25HZ |
| Company: | US ROCKIES REGION PLANNING | TVD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Project: | COLORADO NORTHERN ZONE - 83 | MD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Site: | WELD_CAMP PAD | North Reference: | True |
| Well: | CAMP 1N-25HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | CAMP 1N-25HZ | | |
| Design: | CAMP 1N-25HZ (wp01) | | |

| Planned 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) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 850.00 | 0.00 | 0.00 | 850.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 2.00 | | | | | | | | | |
| 1,100.00 | 2.00 | 160.23 | 1,099.98 | -1.64 | 0.59 | -1.62 | 2.00 | 2.00 | 0.00 |
| 1,200.00 | 4.00 | 160.23 | 1,199.84 | -6.57 | 2.36 | -6.48 | 2.00 | 2.00 | 0.00 |
| 1,229.50 | 4.59 | 160.23 | 1,229.26 | -8.65 | 3.11 | -8.53 | 2.00 | 2.00 | 0.00 |
| Start 5322.91 hold at 1229.50 MD | | | | | | | | | |
| 1,300.00 | 4.59 | 160.23 | 1,299.53 | -13.96 | 5.02 | -13.76 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 4.59 | 160.23 | 1,399.21 | -21.49 | 7.72 | -21.19 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 4.59 | 160.23 | 1,498.89 | -29.02 | 10.43 | -28.62 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 4.59 | 160.23 | 1,598.57 | -36.55 | 13.14 | -36.05 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 4.59 | 160.23 | 1,698.25 | -44.08 | 15.84 | -43.47 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 4.59 | 160.23 | 1,797.92 | -51.61 | 18.55 | -50.90 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 4.59 | 160.23 | 1,897.60 | -59.14 | 21.26 | -58.33 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 4.59 | 160.23 | 1,997.28 | -66.67 | 23.96 | -65.76 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 4.59 | 160.23 | 2,096.96 | -74.20 | 26.67 | -73.18 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 4.59 | 160.23 | 2,196.64 | -81.73 | 29.38 | -80.61 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 4.59 | 160.23 | 2,296.32 | -89.26 | 32.08 | -88.04 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 4.59 | 160.23 | 2,396.00 | -96.80 | 34.79 | -95.47 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 4.59 | 160.23 | 2,495.68 | -104.33 | 37.50 | -102.89 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 4.59 | 160.23 | 2,595.36 | -111.86 | 40.20 | -110.32 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 4.59 | 160.23 | 2,695.04 | -119.39 | 42.91 | -117.75 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 4.59 | 160.23 | 2,794.72 | -126.92 | 45.62 | -125.18 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 4.59 | 160.23 | 2,894.40 | -134.45 | 48.32 | -132.60 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 4.59 | 160.23 | 2,994.08 | -141.98 | 51.03 | -140.03 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 4.59 | 160.23 | 3,093.76 | -149.51 | 53.74 | -147.46 | 0.00 | 0.00 | 0.00 |
| 3,193.54 | 4.59 | 160.23 | 3,187.00 | -156.56 | 56.27 | -154.41 | 0.00 | 0.00 | 0.00 |
| PARKMAN | | | | | | | | | |
| 3,200.00 | 4.59 | 160.23 | 3,193.43 | -157.04 | 56.45 | -154.89 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 4.59 | 160.23 | 3,293.11 | -164.57 | 59.15 | -162.31 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 4.59 | 160.23 | 3,392.79 | -172.10 | 61.86 | -169.74 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 4.59 | 160.23 | 3,492.47 | -179.63 | 64.57 | -177.17 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 4.59 | 160.23 | 3,592.15 | -187.17 | 67.27 | -184.59 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 4.59 | 160.23 | 3,691.83 | -194.70 | 69.98 | -192.02 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 4.59 | 160.23 | 3,791.51 | -202.23 | 72.69 | -199.45 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 4.59 | 160.23 | 3,891.19 | -209.76 | 75.39 | -206.88 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 4.59 | 160.23 | 3,990.87 | -217.29 | 78.10 | -214.30 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 4.59 | 160.23 | 4,090.55 | -224.82 | 80.81 | -221.73 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 4.59 | 160.23 | 4,190.23 | -232.35 | 83.51 | -229.16 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 4.59 | 160.23 | 4,289.91 | -239.88 | 86.22 | -236.59 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 4.59 | 160.23 | 4,389.59 | -247.41 | 88.93 | -244.01 | 0.00 | 0.00 | 0.00 |
| 4,422.49 | 4.59 | 160.23 | 4,412.00 | -249.11 | 89.54 | -245.68 | 0.00 | 0.00 | 0.00 |
| SUSSEX | | | | | | | | | |

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| Database: | edm5000p | Local Co-ordinate Reference: | Well CAMP 1N-25HZ |
| Company: | US ROCKIES REGION PLANNING | TVD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Project: | COLORADO NORTHERN ZONE - 83 | MD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Site: | WELD_CAMP PAD | North Reference: | True |
| Well: | CAMP 1N-25HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | CAMP 1N-25HZ | | |
| Design: | CAMP 1N-25HZ (wp01) | | |

| Planned 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) |
| 4,500.00 | 4.59 | 160.23 | 4,489.27 | -254.94 | 91.63 | -251.44 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 4.59 | 160.23 | 4,588.94 | -262.47 | 94.34 | -258.87 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 4.59 | 160.23 | 4,688.62 | -270.01 | 97.05 | -266.30 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 4.59 | 160.23 | 4,788.30 | -277.54 | 99.75 | -273.72 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 4.59 | 160.23 | 4,887.98 | -285.07 | 102.46 | -281.15 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 4.59 | 160.23 | 4,987.66 | -292.60 | 105.17 | -288.58 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 4.59 | 160.23 | 5,087.34 | -300.13 | 107.87 | -296.01 | 0.00 | 0.00 | 0.00 |
| 5,194.96 | 4.59 | 160.23 | 5,182.00 | -307.28 | 110.45 | -303.06 | 0.00 | 0.00 | 0.00 |
| SHANNON | | | | | | | | | |
| 5,200.00 | 4.59 | 160.23 | 5,187.02 | -307.66 | 110.58 | -303.43 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 4.59 | 160.23 | 5,286.70 | -315.19 | 113.29 | -310.86 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 4.59 | 160.23 | 5,386.38 | -322.72 | 116.00 | -318.29 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 4.59 | 160.23 | 5,486.06 | -330.25 | 118.70 | -325.72 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 4.59 | 160.23 | 5,585.74 | -337.78 | 121.41 | -333.14 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 4.59 | 160.23 | 5,685.42 | -345.31 | 124.12 | -340.57 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 4.59 | 160.23 | 5,785.10 | -352.85 | 126.82 | -348.00 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 4.59 | 160.23 | 5,884.78 | -360.38 | 129.53 | -355.43 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 4.59 | 160.23 | 5,984.45 | -367.91 | 132.24 | -362.85 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 4.59 | 160.23 | 6,084.13 | -375.44 | 134.94 | -370.28 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 4.59 | 160.23 | 6,183.81 | -382.97 | 137.65 | -377.71 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 4.59 | 160.23 | 6,283.49 | -390.50 | 140.36 | -385.14 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 4.59 | 160.23 | 6,383.17 | -398.03 | 143.06 | -392.56 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 4.59 | 160.23 | 6,482.85 | -405.56 | 145.77 | -399.99 | 0.00 | 0.00 | 0.00 |
| 6,552.42 | 4.59 | 160.23 | 6,535.10 | -409.51 | 147.19 | -403.88 | 0.00 | 0.00 | 0.00 |
| Start DLS 10.00 TFO -160.26 | | | | | | | | | |
| 6,600.00 | 1.61 | 74.15 | 6,582.62 | -411.12 | 148.48 | -405.45 | 10.00 | -6.26 | -180.89 |
| 6,700.00 | 10.55 | 8.26 | 6,682.01 | -401.65 | 151.15 | -395.89 | 10.00 | 8.94 | -65.89 |
| 6,800.00 | 20.49 | 4.06 | 6,778.25 | -375.06 | 153.71 | -369.22 | 10.00 | 9.94 | -4.20 |
| 6,900.00 | 30.47 | 2.55 | 6,868.41 | -332.16 | 156.09 | -326.26 | 10.00 | 9.98 | -1.52 |
| 7,000.00 | 40.46 | 1.73 | 6,949.75 | -274.25 | 158.20 | -268.32 | 10.00 | 9.99 | -0.82 |
| 7,100.00 | 50.45 | 1.19 | 7,019.80 | -203.09 | 159.99 | -197.14 | 10.00 | 9.99 | -0.54 |
| 7,114.68 | 51.92 | 1.13 | 7,029.00 | -191.66 | 160.22 | -185.70 | 10.00 | 9.99 | -0.45 |
| SHARON SPRINGS | | | | | | | | | |
| 7,200.00 | 60.45 | 0.79 | 7,076.44 | -120.84 | 161.40 | -114.89 | 10.00 | 9.99 | -0.39 |
| 7,247.19 | 65.17 | 0.63 | 7,098.00 | -78.88 | 161.92 | -72.94 | 10.00 | 10.00 | -0.34 |
| NIOBRARA | | | | | | | | | |
| 7,300.00 | 70.44 | 0.47 | 7,117.94 | -30.01 | 162.39 | -24.08 | 10.00 | 10.00 | -0.32 |
| 7,400.00 | 80.44 | 0.18 | 7,143.04 | 66.66 | 162.92 | 72.54 | 10.00 | 10.00 | -0.29 |
| 7,493.78 | 89.82 | 359.92 | 7,151.00 | 160.00 | 163.00 | 165.82 | 10.00 | 10.00 | -0.27 |
| Start DLS 1.00 TFO 123.65 - 7" | | | | | | | | | |
| 7,495.14 | 89.81 | 359.93 | 7,151.00 | 161.35 | 163.00 | 167.18 | 1.00 | -0.55 | 0.83 |
| Start 4179.15 hold at 7495.14 MD | | | | | | | | | |
| 7,500.00 | 89.81 | 359.93 | 7,151.02 | 166.22 | 162.99 | 172.03 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 89.81 | 359.93 | 7,151.36 | 266.22 | 162.87 | 271.96 | 0.00 | 0.00 | 0.00 |
| 7,700.00 | 89.81 | 359.93 | 7,151.69 | 366.21 | 162.75 | 371.89 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 89.81 | 359.93 | 7,152.03 | 466.21 | 162.63 | 471.82 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 89.81 | 359.93 | 7,152.36 | 566.21 | 162.51 | 571.75 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 89.81 | 359.93 | 7,152.70 | 666.21 | 162.39 | 671.68 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 89.81 | 359.93 | 7,153.03 | 766.21 | 162.27 | 771.61 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 89.81 | 359.93 | 7,153.37 | 866.21 | 162.15 | 871.54 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 89.81 | 359.93 | 7,153.70 | 966.21 | 162.03 | 971.47 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 89.81 | 359.93 | 7,154.03 | 1,066.21 | 161.91 | 1,071.39 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 89.81 | 359.93 | 7,154.37 | 1,166.21 | 161.79 | 1,171.32 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| Database: | edm5000p | Local Co-ordinate Reference: | Well CAMP 1N-25HZ |
| Company: | US ROCKIES REGION PLANNING | TVD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Project: | COLORADO NORTHERN ZONE - 83 | MD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Site: | WELD_CAMP PAD | North Reference: | True |
| Well: | CAMP 1N-25HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | CAMP 1N-25HZ | | |
| Design: | CAMP 1N-25HZ (wp01) | | |

| Planned 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) |
| 8,600.00 | 89.81 | 359.93 | 7,154.70 | 1,266.21 | 161.67 | 1,271.25 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 89.81 | 359.93 | 7,155.04 | 1,366.21 | 161.55 | 1,371.18 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 89.81 | 359.93 | 7,155.37 | 1,466.21 | 161.43 | 1,471.11 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 89.81 | 359.93 | 7,155.71 | 1,566.21 | 161.31 | 1,571.04 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 89.81 | 359.93 | 7,156.04 | 1,666.21 | 161.19 | 1,670.97 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 89.81 | 359.93 | 7,156.38 | 1,766.21 | 161.07 | 1,770.90 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 89.81 | 359.93 | 7,156.71 | 1,866.21 | 160.95 | 1,870.82 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 89.81 | 359.93 | 7,157.05 | 1,966.20 | 160.83 | 1,970.75 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 89.81 | 359.93 | 7,157.38 | 2,066.20 | 160.71 | 2,070.68 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 89.81 | 359.93 | 7,157.72 | 2,166.20 | 160.59 | 2,170.61 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 89.81 | 359.93 | 7,158.05 | 2,266.20 | 160.47 | 2,270.54 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 89.81 | 359.93 | 7,158.39 | 2,366.20 | 160.35 | 2,370.47 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 89.81 | 359.93 | 7,158.72 | 2,466.20 | 160.23 | 2,470.40 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 89.81 | 359.93 | 7,159.06 | 2,566.20 | 160.11 | 2,570.33 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 89.81 | 359.93 | 7,159.39 | 2,666.20 | 159.99 | 2,670.26 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 89.81 | 359.93 | 7,159.73 | 2,766.20 | 159.87 | 2,770.18 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 89.81 | 359.93 | 7,160.06 | 2,866.20 | 159.75 | 2,870.11 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 89.81 | 359.93 | 7,160.40 | 2,966.20 | 159.63 | 2,970.04 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 89.81 | 359.93 | 7,160.73 | 3,066.20 | 159.51 | 3,069.97 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 89.81 | 359.93 | 7,161.07 | 3,166.20 | 159.39 | 3,169.90 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 89.81 | 359.93 | 7,161.40 | 3,266.20 | 159.27 | 3,269.83 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 89.81 | 359.93 | 7,161.74 | 3,366.20 | 159.15 | 3,369.76 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 89.81 | 359.93 | 7,162.07 | 3,466.20 | 159.03 | 3,469.69 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 89.81 | 359.93 | 7,162.41 | 3,566.19 | 158.91 | 3,569.62 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 89.81 | 359.93 | 7,162.74 | 3,666.19 | 158.79 | 3,669.54 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 89.81 | 359.93 | 7,163.08 | 3,766.19 | 158.67 | 3,769.47 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 89.81 | 359.93 | 7,163.41 | 3,866.19 | 158.55 | 3,869.40 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 89.81 | 359.93 | 7,163.75 | 3,966.19 | 158.43 | 3,969.33 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 89.81 | 359.93 | 7,164.08 | 4,066.19 | 158.31 | 4,069.26 | 0.00 | 0.00 | 0.00 |
| 11,500.00 | 89.81 | 359.93 | 7,164.42 | 4,166.19 | 158.19 | 4,169.19 | 0.00 | 0.00 | 0.00 |
| 11,600.00 | 89.81 | 359.93 | 7,164.75 | 4,266.19 | 158.07 | 4,269.12 | 0.00 | 0.00 | 0.00 |
| 11,674.29 | 89.81 | 359.93 | 7,165.00 | 4,340.48 | 157.98 | 4,343.35 | 0.00 | 0.00 | 0.00 |
| TD at 11674.29 - CAMP 1N-25HZ BHL | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| CAMP 1N-25HZ BHL | 0.00 | 0.00 | 7,165.00 | 4,340.48 | 157.98 | 1,317,531.05 | 3,218,537.38 | 40.202373 | -104.717606 |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| Casing Points | | | | | |
|---------------------|---------------------|--------|---------------------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") | |
| 850.00 | 850.00 | 9 5/8" | 9-5/8 | 12-1/4 | |
| 7,493.78 | 7,151.00 | 7" | 7 | 8-3/4 | |

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| Database: | edm5000p | Local Co-ordinate Reference: | Well CAMP 1N-25HZ |
| Company: | US ROCKIES REGION PLANNING | TVD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Project: | COLORADO NORTHERN ZONE - 83 | MD Reference: | 17' rkb + 4964' gl @ 4981.00ft |
| Site: | WELD_CAMP PAD | North Reference: | True |
| Well: | CAMP 1N-25HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | CAMP 1N-25HZ | | |
| Design: | CAMP 1N-25HZ (wp01) | | |

Formations

| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|---------------------|---------------------|----------------|-----------|---------|-------------------|
| 3,193.54 | 3,187.00 | PARKMAN | | 0.00 | |
| 4,422.49 | 4,412.00 | SUSSEX | | 0.00 | |
| 5,194.96 | 5,182.00 | SHANNON | | 0.00 | |
| 7,114.68 | 7,029.00 | SHARON SPRINGS | | 0.00 | |
| 7,247.19 | 7,098.00 | NIOBRARA | | 0.00 | |

Plan Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|----------------------------------|
| | | +N/-S (ft) | +E/-W (ft) | |
| 1,000.00 | 1,000.00 | 0.00 | 0.00 | Start Build 2.00 |
| 1,229.50 | 1,229.26 | -8.65 | 3.11 | Start 5322.91 hold at 1229.50 MD |
| 6,552.42 | 6,535.10 | -409.51 | 147.19 | Start DLS 10.00 TFO -160.26 |
| 7,493.78 | 7,151.00 | 160.00 | 163.00 | Start DLS 1.00 TFO 123.65 |
| 7,495.14 | 7,151.00 | 161.35 | 163.00 | Start 4179.15 hold at 7495.14 MD |
| 11,674.29 | 7,165.00 | 4,340.48 | 157.98 | TD at 11674.29 |