

Well Name:
RUSCH 1X-HNB-04-07-65

Project Name:
Sec. 3-T7N-R65W

Pad Name:
Rusch Pad

ANNOTATIONS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | VSect | Departure | Annotation |
|----------|-------|--------|---------|---------|----------|---------|-----------|--------------------------|
| 2500.00 | 0.00 | 0.00 | 2500.00 | 0.00 | 0.00 | 0.00 | 0.00 | Start Build 2.00 |
| 4378.88 | 37.58 | 13.30 | 4247.05 | 578.43 | 136.70 | 43.10 | 594.36 | Hold 37.58 Inc, 13.30 Az |
| 7379.41 | 37.58 | 13.30 | 6625.03 | 2359.24 | 557.56 | 175.78 | 2424.23 | KOP 10°/100 |
| 8350.40 | 89.84 | 271.39 | 7141.00 | 2760.00 | 0.00 | 827.87 | 3198.36 | LP 89.84 Inc, 271.39 Az |
| 17865.31 | 89.84 | 271.39 | 7167.81 | 2990.78 | -9511.07 | 9970.22 | 12712.23 | TD at 17865.31 |

Geodetic Datum:

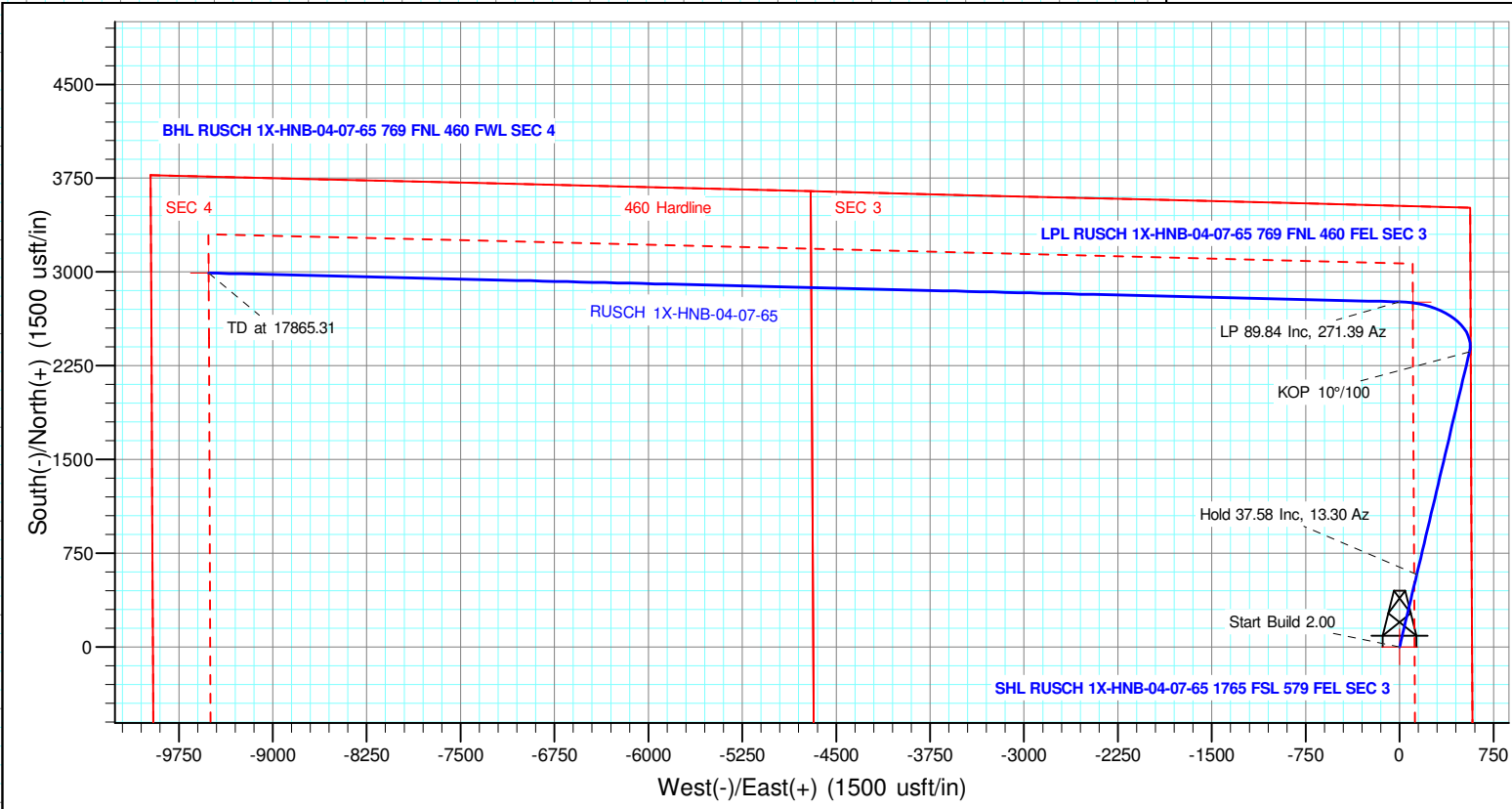
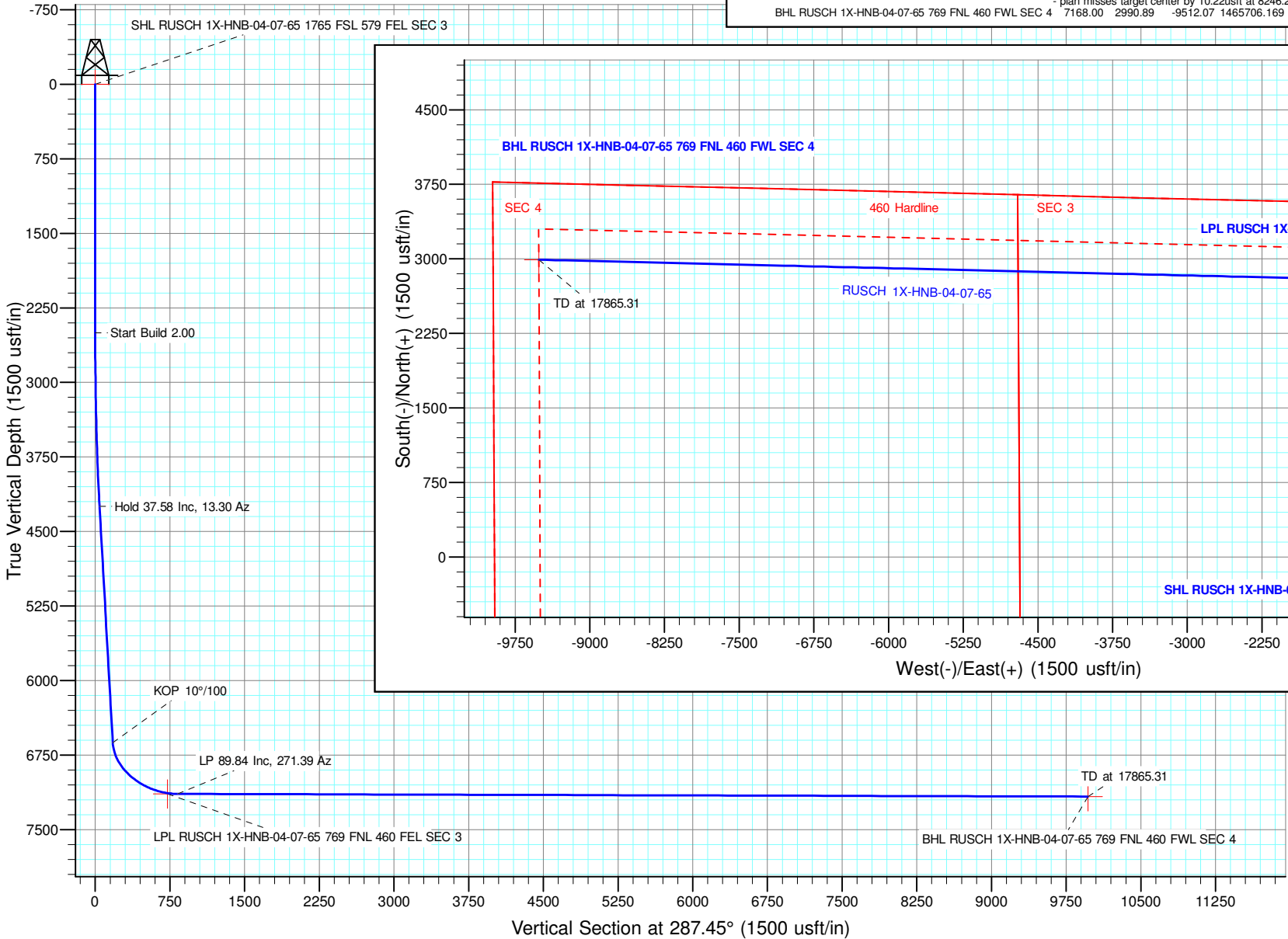
North American Datum 1983
US State Plane 1983, Colorado Northern Zone

Elevation:

Ground Elevation: 4886.00
KB Elevation: WELL @ 4909.00usft (Original Well Elev)

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|--|---------|---------|----------|-------------|-------------|-----------|-------------|-------|
| SHL RUSCH 1X-HNB-04-07-65 1765 FSL 579 FEL SEC 3 | 0.00 | 0.00 | 0.00 | 1462715.278 | 3238416.489 | 40.600383 | -104.641407 | Point |
| LPL RUSCH 1X-HNB-04-07-65 769 FNL 460 FEL SEC 3 | 7141.00 | 2757.94 | 105.74 | 1465473.214 | 3238522.233 | 40.607950 | -104.640930 | Point |
| BHL RUSCH 1X-HNB-04-07-65 769 FNL 460 FWL SEC 4 | 7168.00 | 2990.89 | -9512.07 | 1465706.169 | 3228904.424 | 40.608840 | -104.675560 | Point |



T G M

Azimuths to Grid North
True North: -0.55°
Magnetic North: 7.36°

Magnetic Field
Strength: 52245.5nT
Dip Angle: 66.97°
Date: 10/4/2019
Model: IGRF2015

NICKEL ROAD

O P E R A T I N G

Nickel Road Operating

Sec. 3-T7N-R65W

Rusch Pad

RUSCH 1X-HNB-04-07-65

Wellbore #1

Plan: Design #2

Standard Planning Report - Geographic

18 October, 2019

| | | | |
|------------------|----------------------------|-------------------------------------|---|
| Database: | EDM 5000.15 Single User Db | Local Co-ordinate Reference: | Well RUSCH 1X-HNB-04-07-65 |
| Company: | Nickel Road Operating | TVD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Project: | Sec. 3-T7N-R65W | MD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Site: | Rusch Pad | North Reference: | Grid |
| Well: | RUSCH 1X-HNB-04-07-65 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #2 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Sec. 3-T7N-R65W | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| | | | | | |
|-----------------------|-----------|--------------|--------------------|-------------------|-------------|
| Site | Rusch Pad | | | | |
| Site Position: | | Northing: | 1,462,715.359 usft | Latitude: | 40.600384 |
| From: | Lat/Long | Easting: | 3,238,386.497 usft | Longitude: | -104.641515 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.55 ° |

| | | | | | | |
|----------------------|-----------------------|-----------|---------------------|--------------------|---------------|---------------|
| Well | RUSCH 1X-HNB-04-07-65 | | | | | |
| Well Position | +N/-S | 0.00 usft | Northing: | 1,462,715.277 usft | Latitude: | 40.600383 |
| | +E/-W | 0.00 usft | Easting: | 3,238,416.490 usft | Longitude: | -104.641407 |
| Position Uncertainty | | 0.00 usft | Wellhead Elevation: | | Ground Level: | 4,886.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2015 | 10/4/2019 | 7.92 | 66.97 | 52,245.49620408 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Design #2 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 287.45 |

| | | | | |
|---------------------------------|------------------------|-----------------------------------|---------------------|----------------|
| Plan Survey Tool Program | Date | 10/18/2019 | | |
| Depth From (usft) | Depth To (usft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 17,865.27 Design #2 (Wellbore #1) | MWD | |
| | | | OWSG MWD - Standard | |

| | | | | | | | | | | |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|------------------|
| Plan Sections | | | | | | | | | | |
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2,500.00 | 0.00 | 0.00 | 2,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,378.92 | 37.58 | 13.30 | 4,247.08 | 578.45 | 136.71 | 2.00 | 2.00 | 0.00 | 13.30 | |
| 7,379.41 | 37.58 | 13.30 | 6,625.03 | 2,359.24 | 557.56 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,350.40 | 89.84 | 271.39 | 7,141.00 | 2,760.00 | 0.00 | 10.00 | 5.38 | -10.50 | -99.58 | |
| 17,865.31 | 89.84 | 271.39 | 7,168.00 | 2,990.89 | -9,512.07 | 0.00 | 0.00 | 0.00 | 0.00 | BHL RUSCH 1X-HNB |

| | | | |
|------------------|----------------------------|-------------------------------------|---|
| Database: | EDM 5000.15 Single User Db | Local Co-ordinate Reference: | Well RUSCH 1X-HNB-04-07-65 |
| Company: | Nickel Road Operating | TVD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Project: | Sec. 3-T7N-R65W | MD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Site: | Rusch Pad | North Reference: | Grid |
| Well: | RUSCH 1X-HNB-04-07-65 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #2 | | |

| Planned Survey | | | | | | | | | | |
|--|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------|-------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| SHL RUSCH 1X-HNB-04-07-65 1765 FSL 579 FEL SEC 3 | | | | | | | | | | |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,100.00 | 0.00 | 0.00 | 1,100.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,200.00 | 0.00 | 0.00 | 1,200.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,300.00 | 0.00 | 0.00 | 1,300.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,400.00 | 0.00 | 0.00 | 1,400.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,500.00 | 0.00 | 0.00 | 1,500.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,600.00 | 0.00 | 0.00 | 1,600.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,700.00 | 0.00 | 0.00 | 1,700.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,800.00 | 0.00 | 0.00 | 1,800.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 1,900.00 | 0.00 | 0.00 | 1,900.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 2,000.00 | 0.00 | 0.00 | 2,000.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 2,100.00 | 0.00 | 0.00 | 2,100.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 2,200.00 | 0.00 | 0.00 | 2,200.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 2,300.00 | 0.00 | 0.00 | 2,300.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 2,400.00 | 0.00 | 0.00 | 2,400.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| 2,500.00 | 0.00 | 0.00 | 2,500.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| Start Build 2.00 | | | | | | | | | | |
| 2,600.00 | 2.00 | 13.30 | 2,599.98 | 1.70 | 0.40 | 1,462,716.975 | 3,238,416.891 | 40.600388 | -104.641406 | |
| 2,700.00 | 4.00 | 13.30 | 2,699.84 | 6.79 | 1.61 | 1,462,722.068 | 3,238,418.095 | 40.600402 | -104.641401 | |
| 2,800.00 | 6.00 | 13.30 | 2,799.45 | 15.27 | 3.61 | 1,462,730.550 | 3,238,420.099 | 40.600425 | -104.641394 | |
| 2,900.00 | 8.00 | 13.30 | 2,898.70 | 27.13 | 6.41 | 1,462,742.410 | 3,238,422.902 | 40.600457 | -104.641383 | |
| 3,000.00 | 10.00 | 13.30 | 2,997.47 | 42.36 | 10.01 | 1,462,757.633 | 3,238,426.500 | 40.600499 | -104.641370 | |
| 3,100.00 | 12.00 | 13.30 | 3,095.62 | 60.92 | 14.40 | 1,462,776.201 | 3,238,430.888 | 40.600550 | -104.641353 | |
| 3,200.00 | 14.00 | 13.30 | 3,193.06 | 82.82 | 19.57 | 1,462,798.092 | 3,238,436.061 | 40.600610 | -104.641334 | |
| 3,300.00 | 16.00 | 13.30 | 3,289.64 | 108.00 | 25.52 | 1,462,823.279 | 3,238,442.014 | 40.600679 | -104.641312 | |
| 3,400.00 | 18.00 | 13.30 | 3,385.27 | 136.45 | 32.25 | 1,462,851.731 | 3,238,448.738 | 40.600757 | -104.641286 | |
| 3,500.00 | 20.00 | 13.30 | 3,479.82 | 168.14 | 39.74 | 1,462,883.413 | 3,238,456.225 | 40.600844 | -104.641258 | |
| 3,600.00 | 22.00 | 13.30 | 3,573.17 | 203.01 | 47.98 | 1,462,918.288 | 3,238,464.467 | 40.600939 | -104.641227 | |
| 3,700.00 | 24.00 | 13.30 | 3,665.21 | 241.03 | 56.96 | 1,462,956.311 | 3,238,473.453 | 40.601043 | -104.641194 | |
| 3,800.00 | 26.00 | 13.30 | 3,755.84 | 282.16 | 66.68 | 1,462,997.438 | 3,238,483.173 | 40.601156 | -104.641157 | |
| 3,900.00 | 28.00 | 13.30 | 3,844.94 | 326.34 | 77.12 | 1,463,041.618 | 3,238,493.614 | 40.601277 | -104.641118 | |
| 4,000.00 | 30.00 | 13.30 | 3,932.39 | 373.52 | 88.27 | 1,463,088.797 | 3,238,504.763 | 40.601406 | -104.641076 | |
| 4,100.00 | 32.00 | 13.30 | 4,018.11 | 423.64 | 100.12 | 1,463,138.917 | 3,238,516.608 | 40.601543 | -104.641032 | |
| 4,200.00 | 34.00 | 13.30 | 4,101.97 | 476.64 | 112.64 | 1,463,191.919 | 3,238,529.134 | 40.601688 | -104.640985 | |
| 4,300.00 | 36.00 | 13.30 | 4,183.88 | 532.46 | 125.84 | 1,463,247.737 | 3,238,542.325 | 40.601841 | -104.640936 | |
| 4,378.88 | 37.58 | 13.30 | 4,247.05 | 578.43 | 136.70 | 1,463,293.705 | 3,238,553.189 | 40.601967 | -104.640895 | |
| Hold 37.58 Inc, 13.30 Az | | | | | | | | | | |
| 4,378.92 | 37.58 | 13.30 | 4,247.08 | 578.45 | 136.71 | 1,463,293.730 | 3,238,553.195 | 40.601967 | -104.640895 | |
| 4,400.00 | 37.58 | 13.30 | 4,263.79 | 590.96 | 139.66 | 1,463,306.242 | 3,238,556.152 | 40.602001 | -104.640884 | |
| 4,500.00 | 37.58 | 13.30 | 4,343.04 | 650.31 | 153.69 | 1,463,365.592 | 3,238,570.178 | 40.602164 | -104.640831 | |
| 4,600.00 | 37.58 | 13.30 | 4,422.29 | 709.66 | 167.71 | 1,463,424.942 | 3,238,584.204 | 40.602326 | -104.640779 | |
| 4,700.00 | 37.58 | 13.30 | 4,501.54 | 769.01 | 181.74 | 1,463,484.291 | 3,238,598.230 | 40.602489 | -104.640726 | |
| 4,800.00 | 37.58 | 13.30 | 4,580.80 | 828.36 | 195.77 | 1,463,543.641 | 3,238,612.256 | 40.602652 | -104.640673 | |

| | | | |
|------------------|----------------------------|-------------------------------------|---|
| Database: | EDM 5000.15 Single User Db | Local Co-ordinate Reference: | Well RUSCH 1X-HNB-04-07-65 |
| Company: | Nickel Road Operating | TVD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Project: | Sec. 3-T7N-R65W | MD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Site: | Rusch Pad | North Reference: | Grid |
| Well: | RUSCH 1X-HNB-04-07-65 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #2 | | |

| Planned Survey | | | | | | | | | |
|--|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------|-------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 4,900.00 | 37.58 | 13.30 | 4,660.05 | 887.71 | 209.79 | 1,463,602.991 | 3,238,626.282 | 40.602814 | -104.640621 |
| 5,000.00 | 37.58 | 13.30 | 4,739.30 | 947.06 | 223.82 | 1,463,662.341 | 3,238,640.308 | 40.602977 | -104.640568 |
| 5,100.00 | 37.58 | 13.30 | 4,818.55 | 1,006.41 | 237.84 | 1,463,721.690 | 3,238,654.334 | 40.603139 | -104.640516 |
| 5,200.00 | 37.58 | 13.30 | 4,897.80 | 1,065.76 | 251.87 | 1,463,781.040 | 3,238,668.360 | 40.603302 | -104.640463 |
| 5,300.00 | 37.58 | 13.30 | 4,977.06 | 1,125.11 | 265.90 | 1,463,840.390 | 3,238,682.386 | 40.603464 | -104.640410 |
| 5,400.00 | 37.58 | 13.30 | 5,056.31 | 1,184.46 | 279.92 | 1,463,899.739 | 3,238,696.412 | 40.603627 | -104.640358 |
| 5,500.00 | 37.58 | 13.30 | 5,135.56 | 1,243.81 | 293.95 | 1,463,959.089 | 3,238,710.438 | 40.603789 | -104.640305 |
| 5,600.00 | 37.58 | 13.30 | 5,214.81 | 1,303.16 | 307.97 | 1,464,018.439 | 3,238,724.464 | 40.603952 | -104.640253 |
| 5,700.00 | 37.58 | 13.30 | 5,294.06 | 1,362.51 | 322.00 | 1,464,077.789 | 3,238,738.490 | 40.604114 | -104.640200 |
| 5,800.00 | 37.58 | 13.30 | 5,373.32 | 1,421.86 | 336.03 | 1,464,137.138 | 3,238,752.517 | 40.604277 | -104.640148 |
| 5,900.00 | 37.58 | 13.30 | 5,452.57 | 1,481.21 | 350.05 | 1,464,196.488 | 3,238,766.543 | 40.604439 | -104.640095 |
| 6,000.00 | 37.58 | 13.30 | 5,531.82 | 1,540.56 | 364.08 | 1,464,255.838 | 3,238,780.569 | 40.604602 | -104.640042 |
| 6,100.00 | 37.58 | 13.30 | 5,611.07 | 1,599.91 | 378.11 | 1,464,315.187 | 3,238,794.595 | 40.604764 | -104.639990 |
| 6,200.00 | 37.58 | 13.30 | 5,690.32 | 1,659.26 | 392.13 | 1,464,374.537 | 3,238,808.621 | 40.604927 | -104.639937 |
| 6,300.00 | 37.58 | 13.30 | 5,769.58 | 1,718.61 | 406.16 | 1,464,433.887 | 3,238,822.647 | 40.605089 | -104.639885 |
| 6,400.00 | 37.58 | 13.30 | 5,848.83 | 1,777.96 | 420.18 | 1,464,493.237 | 3,238,836.673 | 40.605252 | -104.639832 |
| 6,500.00 | 37.58 | 13.30 | 5,928.08 | 1,837.31 | 434.21 | 1,464,552.586 | 3,238,850.699 | 40.605414 | -104.639779 |
| 6,600.00 | 37.58 | 13.30 | 6,007.33 | 1,896.66 | 448.24 | 1,464,611.936 | 3,238,864.725 | 40.605577 | -104.639727 |
| 6,700.00 | 37.58 | 13.30 | 6,086.58 | 1,956.01 | 462.26 | 1,464,671.286 | 3,238,878.751 | 40.605740 | -104.639674 |
| 6,800.00 | 37.58 | 13.30 | 6,165.84 | 2,015.36 | 476.29 | 1,464,730.635 | 3,238,892.777 | 40.605902 | -104.639622 |
| 6,900.00 | 37.58 | 13.30 | 6,245.09 | 2,074.71 | 490.31 | 1,464,789.985 | 3,238,906.803 | 40.606065 | -104.639569 |
| 7,000.00 | 37.58 | 13.30 | 6,324.34 | 2,134.06 | 504.34 | 1,464,849.335 | 3,238,920.829 | 40.606227 | -104.639517 |
| 7,100.00 | 37.58 | 13.30 | 6,403.59 | 2,193.41 | 518.37 | 1,464,908.685 | 3,238,934.855 | 40.606390 | -104.639464 |
| 7,200.00 | 37.58 | 13.30 | 6,482.84 | 2,252.76 | 532.39 | 1,464,968.034 | 3,238,948.881 | 40.606552 | -104.639411 |
| 7,300.00 | 37.58 | 13.30 | 6,562.10 | 2,312.11 | 546.42 | 1,465,027.384 | 3,238,962.907 | 40.606715 | -104.639359 |
| 7,379.41 | 37.58 | 13.30 | 6,625.03 | 2,359.24 | 557.56 | 1,465,074.515 | 3,238,974.046 | 40.606844 | -104.639317 |
| KOP 10°/100 | | | | | | | | | |
| 7,400.00 | 37.28 | 9.94 | 6,641.38 | 2,371.49 | 560.08 | 1,465,086.767 | 3,238,976.567 | 40.606877 | -104.639308 |
| 7,500.00 | 37.23 | 353.39 | 6,721.18 | 2,431.52 | 561.83 | 1,465,146.800 | 3,238,978.319 | 40.607042 | -104.639299 |
| 7,600.00 | 39.41 | 337.61 | 6,799.82 | 2,491.07 | 546.22 | 1,465,206.348 | 3,238,962.707 | 40.607206 | -104.639353 |
| 7,700.00 | 43.48 | 323.78 | 6,874.92 | 2,548.33 | 513.72 | 1,465,263.603 | 3,238,930.205 | 40.607364 | -104.639468 |
| 7,800.00 | 48.97 | 312.18 | 6,944.20 | 2,601.55 | 465.31 | 1,465,316.825 | 3,238,881.801 | 40.607511 | -104.639641 |
| 7,900.00 | 55.43 | 302.50 | 7,005.55 | 2,649.12 | 402.48 | 1,465,364.397 | 3,238,818.966 | 40.607644 | -104.639865 |
| 8,000.00 | 62.54 | 294.29 | 7,057.10 | 2,689.60 | 327.12 | 1,465,404.874 | 3,238,743.609 | 40.607757 | -104.640135 |
| 8,100.00 | 70.08 | 287.10 | 7,097.29 | 2,721.75 | 241.53 | 1,465,437.024 | 3,238,658.019 | 40.607847 | -104.640443 |
| 8,200.00 | 77.87 | 280.57 | 7,124.90 | 2,744.60 | 148.31 | 1,465,459.873 | 3,238,564.797 | 40.607912 | -104.640777 |
| 8,245.84 | 81.50 | 277.73 | 7,133.10 | 2,751.76 | 103.80 | 1,465,467.036 | 3,238,520.285 | 40.607933 | -104.640937 |
| LPL RUSCH 1X-HNB-04-07-65 769 FNL 460 FEL SEC 3 | | | | | | | | | |
| 8,300.00 | 85.81 | 274.43 | 7,139.09 | 2,757.45 | 50.29 | 1,465,472.725 | 3,238,466.776 | 40.607950 | -104.641130 |
| 8,350.40 | 89.84 | 271.39 | 7,141.00 | 2,760.00 | 0.00 | 1,465,475.278 | 3,238,416.493 | 40.607959 | -104.641311 |
| LP 89.84 Inc, 271.39 Az | | | | | | | | | |
| 8,400.00 | 89.84 | 271.39 | 7,141.14 | 2,761.20 | -49.58 | 1,465,476.481 | 3,238,366.908 | 40.607963 | -104.641490 |
| 8,500.00 | 89.84 | 271.39 | 7,141.42 | 2,763.63 | -149.55 | 1,465,478.907 | 3,238,266.938 | 40.607972 | -104.641849 |
| 8,600.00 | 89.84 | 271.39 | 7,141.70 | 2,766.05 | -249.52 | 1,465,481.333 | 3,238,166.968 | 40.607982 | -104.642209 |
| 8,700.00 | 89.84 | 271.39 | 7,141.99 | 2,768.48 | -349.49 | 1,465,483.758 | 3,238,066.997 | 40.607991 | -104.642569 |
| 8,800.00 | 89.84 | 271.39 | 7,142.27 | 2,770.91 | -449.46 | 1,465,486.184 | 3,237,967.027 | 40.608000 | -104.642929 |
| 8,900.00 | 89.84 | 271.39 | 7,142.55 | 2,773.33 | -549.43 | 1,465,488.610 | 3,237,867.057 | 40.608010 | -104.643289 |
| 9,000.00 | 89.84 | 271.39 | 7,142.83 | 2,775.76 | -649.40 | 1,465,491.036 | 3,237,767.087 | 40.608019 | -104.643649 |
| 9,100.00 | 89.84 | 271.39 | 7,143.11 | 2,778.18 | -749.37 | 1,465,493.461 | 3,237,667.117 | 40.608028 | -104.644009 |
| 9,200.00 | 89.84 | 271.39 | 7,143.39 | 2,780.61 | -849.34 | 1,465,495.887 | 3,237,567.147 | 40.608038 | -104.644369 |
| 9,300.00 | 89.84 | 271.39 | 7,143.68 | 2,783.03 | -949.31 | 1,465,498.313 | 3,237,467.176 | 40.608047 | -104.644729 |
| 9,400.00 | 89.84 | 271.39 | 7,143.96 | 2,785.46 | -1,049.28 | 1,465,500.739 | 3,237,367.206 | 40.608056 | -104.645089 |
| 9,500.00 | 89.84 | 271.39 | 7,144.24 | 2,787.89 | -1,149.25 | 1,465,503.164 | 3,237,267.236 | 40.608066 | -104.645449 |
| 9,600.00 | 89.84 | 271.39 | 7,144.52 | 2,790.31 | -1,249.22 | 1,465,505.590 | 3,237,167.266 | 40.608075 | -104.645809 |

| | | | |
|------------------|----------------------------|-------------------------------------|---|
| Database: | EDM 5000.15 Single User Db | Local Co-ordinate Reference: | Well RUSCH 1X-HNB-04-07-65 |
| Company: | Nickel Road Operating | TVD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Project: | Sec. 3-T7N-R65W | MD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Site: | Rusch Pad | North Reference: | Grid |
| Well: | RUSCH 1X-HNB-04-07-65 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #2 | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------|-------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude | |
| 9,700.00 | 89.84 | 271.39 | 7,144.80 | 2,792.74 | -1,349.19 | 1,465,508.016 | 3,237,067.296 | 40.608084 | -104.646169 | |
| 9,800.00 | 89.84 | 271.39 | 7,145.08 | 2,795.16 | -1,449.16 | 1,465,510.442 | 3,236,967.326 | 40.608093 | -104.646529 | |
| 9,900.00 | 89.84 | 271.39 | 7,145.37 | 2,797.59 | -1,549.13 | 1,465,512.867 | 3,236,867.355 | 40.608103 | -104.646889 | |
| 10,000.00 | 89.84 | 271.39 | 7,145.65 | 2,800.02 | -1,649.10 | 1,465,515.293 | 3,236,767.385 | 40.608112 | -104.647249 | |
| 10,100.00 | 89.84 | 271.39 | 7,145.93 | 2,802.44 | -1,749.07 | 1,465,517.719 | 3,236,667.415 | 40.608121 | -104.647609 | |
| 10,200.00 | 89.84 | 271.39 | 7,146.21 | 2,804.87 | -1,849.04 | 1,465,520.145 | 3,236,567.445 | 40.608131 | -104.647969 | |
| 10,300.00 | 89.84 | 271.39 | 7,146.49 | 2,807.29 | -1,949.02 | 1,465,522.570 | 3,236,467.475 | 40.608140 | -104.648329 | |
| 10,400.00 | 89.84 | 271.39 | 7,146.78 | 2,809.72 | -2,048.99 | 1,465,524.996 | 3,236,367.505 | 40.608149 | -104.648689 | |
| 10,500.00 | 89.84 | 271.39 | 7,147.06 | 2,812.14 | -2,148.96 | 1,465,527.422 | 3,236,267.534 | 40.608159 | -104.649048 | |
| 10,600.00 | 89.84 | 271.39 | 7,147.34 | 2,814.57 | -2,248.93 | 1,465,529.848 | 3,236,167.564 | 40.608168 | -104.649408 | |
| 10,700.00 | 89.84 | 271.39 | 7,147.62 | 2,817.00 | -2,348.90 | 1,465,532.274 | 3,236,067.594 | 40.608177 | -104.649768 | |
| 10,800.00 | 89.84 | 271.39 | 7,147.90 | 2,819.42 | -2,448.87 | 1,465,534.699 | 3,235,967.624 | 40.608186 | -104.650128 | |
| 10,900.00 | 89.84 | 271.39 | 7,148.18 | 2,821.85 | -2,548.84 | 1,465,537.125 | 3,235,867.654 | 40.608196 | -104.650488 | |
| 11,000.00 | 89.84 | 271.39 | 7,148.47 | 2,824.27 | -2,648.81 | 1,465,539.551 | 3,235,767.684 | 40.608205 | -104.650848 | |
| 11,100.00 | 89.84 | 271.39 | 7,148.75 | 2,826.70 | -2,748.78 | 1,465,541.977 | 3,235,667.713 | 40.608214 | -104.651208 | |
| 11,200.00 | 89.84 | 271.39 | 7,149.03 | 2,829.12 | -2,848.75 | 1,465,544.402 | 3,235,567.743 | 40.608224 | -104.651568 | |
| 11,300.00 | 89.84 | 271.39 | 7,149.31 | 2,831.55 | -2,948.72 | 1,465,546.828 | 3,235,467.773 | 40.608233 | -104.651928 | |
| 11,400.00 | 89.84 | 271.39 | 7,149.59 | 2,833.98 | -3,048.69 | 1,465,549.254 | 3,235,367.803 | 40.608242 | -104.652288 | |
| 11,500.00 | 89.84 | 271.39 | 7,149.88 | 2,836.40 | -3,148.66 | 1,465,551.680 | 3,235,267.833 | 40.608251 | -104.652648 | |
| 11,600.00 | 89.84 | 271.39 | 7,150.16 | 2,838.83 | -3,248.63 | 1,465,554.105 | 3,235,167.862 | 40.608261 | -104.653008 | |
| 11,700.00 | 89.84 | 271.39 | 7,150.44 | 2,841.25 | -3,348.60 | 1,465,556.531 | 3,235,067.892 | 40.608270 | -104.653368 | |
| 11,800.00 | 89.84 | 271.39 | 7,150.72 | 2,843.68 | -3,448.57 | 1,465,558.957 | 3,234,967.922 | 40.608279 | -104.653728 | |
| 11,900.00 | 89.84 | 271.39 | 7,151.00 | 2,846.10 | -3,548.54 | 1,465,561.383 | 3,234,867.952 | 40.608289 | -104.654088 | |
| 12,000.00 | 89.84 | 271.39 | 7,151.28 | 2,848.53 | -3,648.51 | 1,465,563.808 | 3,234,767.982 | 40.608298 | -104.654448 | |
| 12,100.00 | 89.84 | 271.39 | 7,151.57 | 2,850.96 | -3,748.48 | 1,465,566.234 | 3,234,668.012 | 40.608307 | -104.654808 | |
| 12,200.00 | 89.84 | 271.39 | 7,151.85 | 2,853.38 | -3,848.45 | 1,465,568.660 | 3,234,568.041 | 40.608316 | -104.655168 | |
| 12,300.00 | 89.84 | 271.39 | 7,152.13 | 2,855.81 | -3,948.42 | 1,465,571.086 | 3,234,468.071 | 40.608326 | -104.655528 | |
| 12,400.00 | 89.84 | 271.39 | 7,152.41 | 2,858.23 | -4,048.39 | 1,465,573.511 | 3,234,368.101 | 40.608335 | -104.655888 | |
| 12,500.00 | 89.84 | 271.39 | 7,152.69 | 2,860.66 | -4,148.36 | 1,465,575.937 | 3,234,268.131 | 40.608344 | -104.656248 | |
| 12,600.00 | 89.84 | 271.39 | 7,152.97 | 2,863.09 | -4,248.33 | 1,465,578.363 | 3,234,168.161 | 40.608353 | -104.656607 | |
| 12,700.00 | 89.84 | 271.39 | 7,153.26 | 2,865.51 | -4,348.30 | 1,465,580.789 | 3,234,068.191 | 40.608363 | -104.656967 | |
| 12,800.00 | 89.84 | 271.39 | 7,153.54 | 2,867.94 | -4,448.27 | 1,465,583.214 | 3,233,968.220 | 40.608372 | -104.657327 | |
| 12,900.00 | 89.84 | 271.39 | 7,153.82 | 2,870.36 | -4,548.24 | 1,465,585.640 | 3,233,868.250 | 40.608381 | -104.657687 | |
| 13,000.00 | 89.84 | 271.39 | 7,154.10 | 2,872.79 | -4,648.21 | 1,465,588.066 | 3,233,768.280 | 40.608390 | -104.658047 | |
| 13,100.00 | 89.84 | 271.39 | 7,154.38 | 2,875.21 | -4,748.18 | 1,465,590.492 | 3,233,668.310 | 40.608400 | -104.658407 | |
| 13,200.00 | 89.84 | 271.39 | 7,154.67 | 2,877.64 | -4,848.15 | 1,465,592.918 | 3,233,568.340 | 40.608409 | -104.658767 | |
| 13,300.00 | 89.84 | 271.39 | 7,154.95 | 2,880.07 | -4,948.12 | 1,465,595.343 | 3,233,468.370 | 40.608418 | -104.659127 | |
| 13,400.00 | 89.84 | 271.39 | 7,155.23 | 2,882.49 | -5,048.09 | 1,465,597.769 | 3,233,368.399 | 40.608428 | -104.659487 | |
| 13,500.00 | 89.84 | 271.39 | 7,155.51 | 2,884.92 | -5,148.06 | 1,465,600.195 | 3,233,268.429 | 40.608437 | -104.659847 | |
| 13,600.00 | 89.84 | 271.39 | 7,155.79 | 2,887.34 | -5,248.03 | 1,465,602.621 | 3,233,168.459 | 40.608446 | -104.660207 | |
| 13,700.00 | 89.84 | 271.39 | 7,156.07 | 2,889.77 | -5,348.00 | 1,465,605.046 | 3,233,068.489 | 40.608455 | -104.660567 | |
| 13,800.00 | 89.84 | 271.39 | 7,156.36 | 2,892.19 | -5,447.97 | 1,465,607.472 | 3,232,968.519 | 40.608465 | -104.660927 | |
| 13,900.00 | 89.84 | 271.39 | 7,156.64 | 2,894.62 | -5,547.94 | 1,465,609.898 | 3,232,868.549 | 40.608474 | -104.661287 | |
| 14,000.00 | 89.84 | 271.39 | 7,156.92 | 2,897.05 | -5,647.91 | 1,465,612.324 | 3,232,768.578 | 40.608483 | -104.661647 | |
| 14,100.00 | 89.84 | 271.39 | 7,157.20 | 2,899.47 | -5,747.88 | 1,465,614.749 | 3,232,668.608 | 40.608492 | -104.662007 | |
| 14,200.00 | 89.84 | 271.39 | 7,157.48 | 2,901.90 | -5,847.85 | 1,465,617.175 | 3,232,568.638 | 40.608502 | -104.662367 | |
| 14,300.00 | 89.84 | 271.39 | 7,157.77 | 2,904.32 | -5,947.82 | 1,465,619.601 | 3,232,468.668 | 40.608511 | -104.662727 | |
| 14,400.00 | 89.84 | 271.39 | 7,158.05 | 2,906.75 | -6,047.79 | 1,465,622.027 | 3,232,368.698 | 40.608520 | -104.663087 | |
| 14,500.00 | 89.84 | 271.39 | 7,158.33 | 2,909.17 | -6,147.76 | 1,465,624.452 | 3,232,268.727 | 40.608529 | -104.663447 | |
| 14,600.00 | 89.84 | 271.39 | 7,158.61 | 2,911.60 | -6,247.73 | 1,465,626.878 | 3,232,168.757 | 40.608539 | -104.663807 | |
| 14,700.00 | 89.84 | 271.39 | 7,158.89 | 2,914.03 | -6,347.70 | 1,465,629.304 | 3,232,068.787 | 40.608548 | -104.664167 | |
| 14,800.00 | 89.84 | 271.39 | 7,159.17 | 2,916.45 | -6,447.67 | 1,465,631.730 | 3,231,968.817 | 40.608557 | -104.664526 | |
| 14,900.00 | 89.84 | 271.39 | 7,159.46 | 2,918.88 | -6,547.64 | 1,465,634.155 | 3,231,868.847 | 40.608566 | -104.664886 | |
| 15,000.00 | 89.84 | 271.39 | 7,159.74 | 2,921.30 | -6,647.61 | 1,465,636.581 | 3,231,768.877 | 40.608576 | -104.665246 | |
| 15,100.00 | 89.84 | 271.39 | 7,160.02 | 2,923.73 | -6,747.58 | 1,465,639.007 | 3,231,668.905 | 40.608585 | -104.665606 | |

| | | | |
|------------------|----------------------------|-------------------------------------|---|
| Database: | EDM 5000.15 Single User Db | Local Co-ordinate Reference: | Well RUSCH 1X-HNB-04-07-65 |
| Company: | Nickel Road Operating | TVD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Project: | Sec. 3-T7N-R65W | MD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Site: | Rusch Pad | North Reference: | Grid |
| Well: | RUSCH 1X-HNB-04-07-65 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #2 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------|-------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 15,200.00 | 89.84 | 271.39 | 7,160.30 | 2,926.15 | -6,847.55 | 1,465,641.433 | 3,231,568.935 | 40.608594 | -104.665966 |
| 15,300.00 | 89.84 | 271.39 | 7,160.58 | 2,928.58 | -6,947.52 | 1,465,643.858 | 3,231,468.965 | 40.608603 | -104.666326 |
| 15,400.00 | 89.84 | 271.39 | 7,160.86 | 2,931.01 | -7,047.49 | 1,465,646.284 | 3,231,368.995 | 40.608612 | -104.666686 |
| 15,500.00 | 89.84 | 271.39 | 7,161.15 | 2,933.43 | -7,147.46 | 1,465,648.710 | 3,231,269.025 | 40.608622 | -104.667046 |
| 15,600.00 | 89.84 | 271.39 | 7,161.43 | 2,935.86 | -7,247.43 | 1,465,651.136 | 3,231,169.055 | 40.608631 | -104.667406 |
| 15,700.00 | 89.84 | 271.39 | 7,161.71 | 2,938.28 | -7,347.40 | 1,465,653.562 | 3,231,069.084 | 40.608640 | -104.667766 |
| 15,800.00 | 89.84 | 271.39 | 7,161.99 | 2,940.71 | -7,447.37 | 1,465,655.987 | 3,230,969.114 | 40.608649 | -104.668126 |
| 15,900.00 | 89.84 | 271.39 | 7,162.27 | 2,943.14 | -7,547.35 | 1,465,658.413 | 3,230,869.144 | 40.608659 | -104.668486 |
| 16,000.00 | 89.84 | 271.39 | 7,162.56 | 2,945.56 | -7,647.32 | 1,465,660.839 | 3,230,769.174 | 40.608668 | -104.668846 |
| 16,100.00 | 89.84 | 271.39 | 7,162.84 | 2,947.99 | -7,747.29 | 1,465,663.265 | 3,230,669.204 | 40.608677 | -104.669206 |
| 16,200.00 | 89.84 | 271.39 | 7,163.12 | 2,950.41 | -7,847.26 | 1,465,665.690 | 3,230,569.234 | 40.608686 | -104.669566 |
| 16,300.00 | 89.84 | 271.39 | 7,163.40 | 2,952.84 | -7,947.23 | 1,465,668.116 | 3,230,469.263 | 40.608696 | -104.669926 |
| 16,400.00 | 89.84 | 271.39 | 7,163.68 | 2,955.26 | -8,047.20 | 1,465,670.542 | 3,230,369.293 | 40.608705 | -104.670286 |
| 16,500.00 | 89.84 | 271.39 | 7,163.96 | 2,957.69 | -8,147.17 | 1,465,672.968 | 3,230,269.323 | 40.608714 | -104.670646 |
| 16,600.00 | 89.84 | 271.39 | 7,164.25 | 2,960.12 | -8,247.14 | 1,465,675.393 | 3,230,169.353 | 40.608723 | -104.671006 |
| 16,700.00 | 89.84 | 271.39 | 7,164.53 | 2,962.54 | -8,347.11 | 1,465,677.819 | 3,230,069.383 | 40.608732 | -104.671366 |
| 16,800.00 | 89.84 | 271.39 | 7,164.81 | 2,964.97 | -8,447.08 | 1,465,680.245 | 3,229,969.413 | 40.608742 | -104.671726 |
| 16,900.00 | 89.84 | 271.39 | 7,165.09 | 2,967.39 | -8,547.05 | 1,465,682.671 | 3,229,869.442 | 40.608751 | -104.672086 |
| 17,000.00 | 89.84 | 271.39 | 7,165.37 | 2,969.82 | -8,647.02 | 1,465,685.096 | 3,229,769.472 | 40.608760 | -104.672446 |
| 17,100.00 | 89.84 | 271.39 | 7,165.66 | 2,972.24 | -8,746.99 | 1,465,687.522 | 3,229,669.502 | 40.608769 | -104.672805 |
| 17,200.00 | 89.84 | 271.39 | 7,165.94 | 2,974.67 | -8,846.96 | 1,465,689.948 | 3,229,569.532 | 40.608779 | -104.673165 |
| 17,300.00 | 89.84 | 271.39 | 7,166.22 | 2,977.10 | -8,946.93 | 1,465,692.374 | 3,229,469.562 | 40.608788 | -104.673525 |
| 17,400.00 | 89.84 | 271.39 | 7,166.50 | 2,979.52 | -9,046.90 | 1,465,694.799 | 3,229,369.592 | 40.608797 | -104.673885 |
| 17,500.00 | 89.84 | 271.39 | 7,166.78 | 2,981.95 | -9,146.87 | 1,465,697.225 | 3,229,269.621 | 40.608806 | -104.674245 |
| 17,600.00 | 89.84 | 271.39 | 7,167.06 | 2,984.37 | -9,246.84 | 1,465,699.651 | 3,229,169.651 | 40.608815 | -104.674605 |
| 17,700.00 | 89.84 | 271.39 | 7,167.35 | 2,986.80 | -9,346.81 | 1,465,702.077 | 3,229,069.681 | 40.608825 | -104.674965 |
| 17,800.00 | 89.84 | 271.39 | 7,167.63 | 2,989.22 | -9,446.78 | 1,465,704.502 | 3,228,969.711 | 40.608834 | -104.675325 |
| 17,864.31 | 89.84 | 271.39 | 7,167.81 | 2,990.78 | -9,511.07 | 1,465,706.062 | 3,228,905.420 | 40.608840 | -104.675557 |
| TD at 17865.31 | | | | | | | | | |
| 17,865.31 | 89.84 | 271.39 | 7,168.00 | 2,990.89 | -9,512.07 | 1,465,706.170 | 3,228,904.423 | 40.608840 | -104.675560 |
| BHL RUSCH 1X-HNB-04-07-65 769 FNL 460 FWL SEC 4 | | | | | | | | | |

| Design Targets | | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude | |
| SHL RUSCH 1X-HNB-04 - plan hits target center - Point | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,462,715.277 | 3,238,416.490 | 40.600383 | -104.641407 | |
| LPL RUSCH 1X-HNB-04 - plan misses target center by 10.21usft at 8245.84usft MD (7133.10 TVD, 2751.76 N, 103.80 E) - Point | 0.00 | 0.00 | 7,141.00 | 2,757.94 | 105.74 | 1,465,473.215 | 3,238,522.233 | 40.607950 | -104.640930 | |
| BHL RUSCH 1X-HNB-04 - plan hits target center - Point | 0.00 | 0.00 | 7,168.00 | 2,990.89 | -9,512.07 | 1,465,706.170 | 3,228,904.423 | 40.608840 | -104.675560 | |

| | | | |
|------------------|----------------------------|-------------------------------------|---|
| Database: | EDM 5000.15 Single User Db | Local Co-ordinate Reference: | Well RUSCH 1X-HNB-04-07-65 |
| Company: | Nickel Road Operating | TVD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Project: | Sec. 3-T7N-R65W | MD Reference: | WELL @ 4909.00usft (Original Well Elev) |
| Site: | Rusch Pad | North Reference: | Grid |
| Well: | RUSCH 1X-HNB-04-07-65 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #2 | | |

| Plan Annotations | | | | |
|-----------------------------|-----------------------------|-------------------|-----------------|--------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
| | | +N/-S (usft) | +E/-W (usft) | |
| 2,500.00 | 2,500.00 | 0.00 | 0.00 | Start Build 2.00 |
| 4,378.88 | 4,247.05 | 578.43 | 136.70 | Hold 37.58 Inc, 13.30 Az |
| 7,379.41 | 6,625.03 | 2,359.24 | 557.56 | KOP 10°/100 |
| 8,350.40 | 7,141.00 | 2,760.00 | 0.00 | LP 89.84 Inc, 271.39 Az |
| 17,864.31 | 7,167.81 | 2,990.78 | -9,511.07 | TD at 17865.31 |