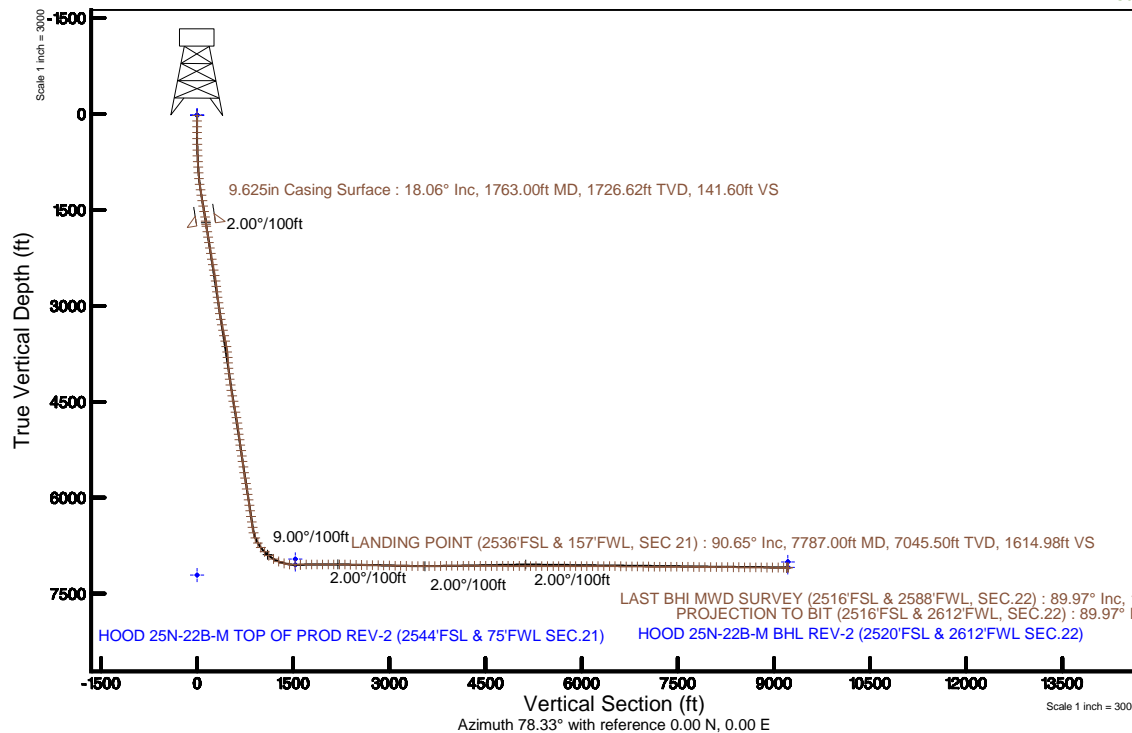
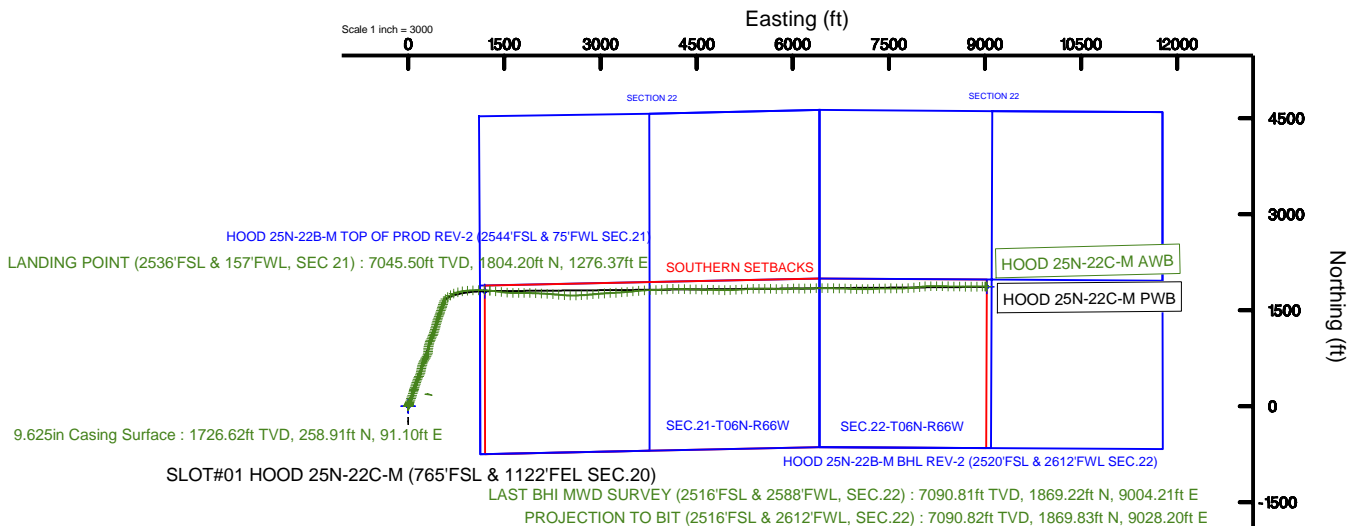


# SRC ENERGY

Location: COLORADO Slot: SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20)  
Field: WELD COUNTY (NAD83, TRUE NORTH) Well: HOOD 25N-22C-M  
Facility: SEC.20-T06N-R66W Wellbore: HOOD 25N-22C-M PWB

|  |  |
|--|--|
| Plot reference wellpath is HOOD 25N-22C-M REV-8.0 PWP  | Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet |
| True vertical depths are referenced to PRECISION 562 (25) (RKB)                                  | * = Wellpath was transformed from a different geodetic datum           |
| Measured depths are referenced to PRECISION 562 (25) (RKB)                                       | North Reference: True north  |
| PRECISION 562 (25) (RKB) to Mean Sea Level: 4759 feet  | Scale: True distance   |
| Mean Sea Level to Mud line (At Slot: SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20)): 0 feet | Depths are in feet   |
| Coordinates are in feet referenced to Slot   | Created by: doddanna on 2017-06-30                                     |
|  | Database: WA_Denver  |



BGGM (1900.0 to 2018.0) Dip: 66.93° Field: 52494.8 nT  
Magnetic North is 8.42 degrees East of True North (at 3/27/2017)

To correct azimuth from Magnetic to True add 8.42 degrees

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## REPORT SETUP INFORMATION

|                     |   |                      |                                  |
|---------------------|---|----------------------|----------------------------------|
| Projection System   | NAD83 / Lambert Colorado SP, Northern Zone (501), US feet | Software System      | WellArchitect® 5.0               |
| North Reference     | True  | User                 | Doddanna                         |
| Scale               | 0.999964  | Report Generated     | 6/30/2017 at 11:19:16 AM         |
| Convergence at slot | 0.46° East  | Database/Source file | WA_Denver/HOOD_25N-22C-M_AWP.xml |

## WELLPATH LOCATION

|                       | Local coordinates |          | Grid coordinates |                 | Geographic coordinates |                 |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|-----------------|
|                       | North[ft]         | East[ft] | Easting[US ft]   | Northing[US ft] | Latitude               | Longitude       |
| Slot Location         | 0.00              | 0.00     | 3195753.51       | 1414279.17      | 40°28'06.478"N         | 104°47'47.123"W |
| Facility Reference Pt |                   |          | 3195753.51       | 1414279.17      | 40°28'06.478"N         | 104°47'47.123"W |
| Field Reference Pt    |                   |          | 3171284.48       | 1426358.81      | 40°30'07.643"N         | 104°53'02.634"W |

## WELLPATH DATUM

|                          |                           |  |                   |
|--------------------------|---------------------------|--|-------------------|
| Calculation method       | Minimum curvature         | PRECISION 562 (25') (RKB) to Facility Vertical Datum   | 4759.00ft         |
| Horizontal Reference Pt  | Slot                      | PRECISION 562 (25') (RKB) to Mean Sea Level  | 4759.00ft         |
| Vertical Reference Pt    | PRECISION 562 (25') (RKB) | PRECISION 562 (25') (RKB) to Mud Line at Slot (SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20)) | 4759.00ft         |
| MD Reference Pt          | PRECISION 562 (25') (RKB) | Section Origin   | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level            | Section Azimuth  | 78.33°            |

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## WELLPATH DATA (177 stations) † = interpolated/extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | DLS<br>[°/100ft] | Comments |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|------------------|----------|
| 0.00†      | 0.000              | 62.420         | 0.00        | 0.00              | 0.00          | 0.00         | 0.00             |          |
| 25.00      | 0.000              | 62.420         | 25.00       | 0.00              | 0.00          | 0.00         | 0.00             |          |
| 109.00     | 0.170              | 62.420         | 109.00      | 0.12              | 0.06          | 0.11         | 0.20             |          |
| 199.00     | 0.140              | 64.940         | 199.00      | 0.36              | 0.17          | 0.33         | 0.03             |          |
| 291.00     | 0.190              | 109.750        | 291.00      | 0.59              | 0.16          | 0.57         | 0.15             |          |
| 384.00     | 0.420              | 61.840         | 384.00      | 1.05              | 0.27          | 1.02         | 0.35             |          |
| 474.00     | 1.910              | 24.410         | 473.98      | 2.25              | 1.79          | 1.93         | 1.77             |          |
| 564.00     | 3.300              | 27.670         | 563.88      | 4.78              | 5.45          | 3.75         | 1.55             |          |
| 654.00     | 4.220              | 19.100         | 653.69      | 8.11              | 10.88         | 6.04         | 1.20             |          |
| 744.00     | 5.390              | 21.330         | 743.37      | 12.11             | 17.94         | 8.66         | 1.32             |          |
| 834.00     | 6.400              | 19.650         | 832.89      | 17.02             | 26.60         | 11.89        | 1.14             |          |
| 924.00     | 8.310              | 21.020         | 922.15      | 23.14             | 37.40         | 15.91        | 2.13             |          |
| 1014.00    | 10.770             | 20.270         | 1010.90     | 31.11             | 51.36         | 21.15        | 2.74             |          |
| 1104.00    | 13.660             | 20.720         | 1098.85     | 41.25             | 69.19         | 27.83        | 3.21             |          |
| 1194.00    | 16.700             | 19.840         | 1185.70     | 53.70             | 91.30         | 35.98        | 3.39             |          |
| 1284.00    | 17.980             | 18.830         | 1271.61     | 67.51             | 116.61        | 44.85        | 1.46             |          |
| 1374.00    | 18.420             | 19.150         | 1357.11     | 81.85             | 143.19        | 54.00        | 0.50             |          |
| 1464.00    | 19.110             | 18.820         | 1442.32     | 96.61             | 170.57        | 63.41        | 0.78             |          |
| 1554.00    | 17.810             | 17.030         | 1527.69     | 110.70            | 197.68        | 72.20        | 1.58             |          |
| 1644.00    | 17.880             | 16.720         | 1613.36     | 123.88            | 224.07        | 80.20        | 0.13             |          |
| 1712.00    | 17.770             | 17.460         | 1678.10     | 133.89            | 243.97        | 86.32        | 0.37             |          |
| 1794.00    | 18.240             | 18.370         | 1756.08     | 146.41            | 268.08        | 94.12        | 0.67             |          |
| 1883.00    | 17.320             | 17.320         | 1840.83     | 159.80            | 293.95        | 102.45       | 1.09             |          |
| 1973.00    | 17.270             | 17.320         | 1926.76     | 172.77            | 319.49        | 110.42       | 0.06             |          |
| 2062.00    | 17.200             | 19.010         | 2011.76     | 185.89            | 344.54        | 118.64       | 0.57             |          |
| 2152.00    | 17.160             | 19.850         | 2097.75     | 199.62            | 369.61        | 127.48       | 0.28             |          |
| 2241.00    | 17.000             | 20.790         | 2182.82     | 213.47            | 394.13        | 136.56       | 0.36             |          |
| 2331.00    | 16.810             | 24.190         | 2268.94     | 228.15            | 418.30        | 146.56       | 1.12             |          |
| 2420.00    | 16.810             | 26.510         | 2354.13     | 243.65            | 441.55        | 157.58       | 0.75             |          |
| 2510.00    | 16.880             | 26.650         | 2440.27     | 259.80            | 464.88        | 169.25       | 0.09             |          |

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## WELLPATH DATA (177 stations)

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | DLS<br>[°/100ft] | Comments |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|------------------|----------|
| 2599.00    | 17.020             | 25.400         | 2525.41     | 275.66            | 488.19        | 180.63       | 0.44             |          |
| 2689.00    | 17.120             | 18.060         | 2611.45     | 290.17            | 512.69        | 190.39       | 2.40             |          |
| 2778.00    | 17.000             | 9.460          | 2696.55     | 301.36            | 537.98        | 196.59       | 2.84             |          |
| 2868.00    | 16.840             | 9.550          | 2782.65     | 310.82            | 563.81        | 200.91       | 0.18             |          |
| 2957.00    | 16.860             | 13.810         | 2867.83     | 321.04            | 589.06        | 206.13       | 1.39             |          |
| 3046.00    | 17.070             | 14.400         | 2952.96     | 332.34            | 614.25        | 212.46       | 0.31             |          |
| 3136.00    | 16.770             | 16.290         | 3039.07     | 344.23            | 639.50        | 219.39       | 0.70             |          |
| 3224.00    | 16.780             | 20.150         | 3123.32     | 356.88            | 663.62        | 227.33       | 1.27             |          |
| 3314.00    | 16.800             | 23.400         | 3209.49     | 371.21            | 687.75        | 236.97       | 1.04             |          |
| 3403.00    | 16.940             | 29.820         | 3294.67     | 387.19            | 710.81        | 248.53       | 2.10             |          |
| 3493.00    | 16.850             | 29.610         | 3380.78     | 404.48            | 733.52        | 261.49       | 0.12             |          |
| 3582.00    | 16.930             | 30.600         | 3465.94     | 421.71            | 755.89        | 274.46       | 0.34             |          |
| 3672.00    | 17.250             | 31.510         | 3551.97     | 439.65            | 778.55        | 288.11       | 0.46             |          |
| 3761.00    | 17.370             | 27.040         | 3636.94     | 456.99            | 801.63        | 301.04       | 1.50             |          |
| 3850.00    | 17.540             | 9.760          | 3721.90     | 470.21            | 826.70        | 309.36       | 5.81             |          |
| 3940.00    | 16.980             | 358.110        | 3807.87     | 477.40            | 853.21        | 311.23       | 3.88             |          |
| 4029.00    | 17.250             | 2.610          | 3892.94     | 482.86            | 879.38        | 311.40       | 1.52             |          |
| 4118.00    | 17.060             | 8.800          | 3977.98     | 490.69            | 905.46        | 314.00       | 2.06             |          |
| 4208.00    | 16.930             | 12.250         | 4064.06     | 500.62            | 931.32        | 318.80       | 1.13             |          |
| 4297.00    | 17.130             | 11.810         | 4149.15     | 511.10            | 956.81        | 324.23       | 0.27             |          |
| 4387.00    | 17.020             | 14.140         | 4235.19     | 522.11            | 982.56        | 330.16       | 0.77             |          |
| 4477.00    | 17.140             | 23.600         | 4321.24     | 535.51            | 1007.49       | 338.69       | 3.09             |          |
| 4566.00    | 16.930             | 24.940         | 4406.33     | 550.81            | 1031.25       | 349.40       | 0.50             |          |
| 4655.00    | 17.020             | 25.900         | 4491.45     | 566.48            | 1054.72       | 360.56       | 0.33             |          |
| 4745.00    | 17.080             | 25.930         | 4577.50     | 582.58            | 1078.46       | 372.09       | 0.07             |          |
| 4834.00    | 16.880             | 23.730         | 4662.62     | 598.04            | 1102.04       | 383.01       | 0.76             |          |
| 4924.00    | 17.090             | 21.000         | 4748.69     | 612.75            | 1126.35       | 393.00       | 0.92             |          |
| 5013.00    | 16.910             | 17.500         | 4833.81     | 626.11            | 1150.90       | 401.58       | 1.17             |          |
| 5103.00    | 17.000             | 15.240         | 4919.90     | 638.45            | 1176.08       | 408.98       | 0.74             |          |
| 5192.00    | 16.710             | 15.600         | 5005.07     | 650.20            | 1200.96       | 415.84       | 0.35             |          |

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## WELLPATH DATA (177 stations)

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | DLS<br>[°/100ft] | Comments                                   |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|------------------|--|
| 5282.00    | 16.970             | 16.340         | 5091.21     | 662.30            | 1226.02       | 423.01       | 0.37             |  |
| 5371.00    | 16.850             | 15.070         | 5176.37     | 674.20            | 1250.94       | 430.02       | 0.44             |  |
| 5461.00    | 16.660             | 15.110         | 5262.55     | 685.89            | 1275.99       | 436.78       | 0.21             |  |
| 5551.00    | 16.870             | 17.160         | 5348.72     | 698.00            | 1300.93       | 443.99       | 0.70             |  |
| 5640.00    | 16.770             | 16.580         | 5433.91     | 710.30            | 1325.57       | 451.47       | 0.22             |  |
| 5729.00    | 15.650             | 18.090         | 5519.37     | 722.34            | 1349.29       | 458.86       | 1.34             |  |
| 5819.00    | 16.780             | 21.560         | 5605.79     | 735.48            | 1372.91       | 467.40       | 1.65             |  |
| 5908.00    | 17.040             | 19.510         | 5690.95     | 749.28            | 1397.15       | 476.48       | 0.73             |  |
| 5998.00    | 16.660             | 21.370         | 5777.08     | 763.14            | 1421.59       | 485.58       | 0.73             |  |
| 6087.00    | 16.630             | 19.180         | 5862.36     | 776.63            | 1445.50       | 494.41       | 0.71             |  |
| 6177.00    | 16.590             | 18.760         | 5948.60     | 789.74            | 1469.83       | 502.78       | 0.14             |  |
| 6267.00    | 16.740             | 19.140         | 6034.82     | 802.89            | 1494.24       | 511.16       | 0.21             |  |
| 6356.00    | 16.960             | 19.010         | 6120.00     | 816.08            | 1518.63       | 519.59       | 0.25             |  |
| 6445.00    | 16.440             | 19.430         | 6205.24     | 829.20            | 1542.78       | 528.01       | 0.60             |  |
| 6535.00    | 15.700             | 18.850         | 6291.73     | 841.97            | 1566.31       | 536.18       | 0.84             |  |
| 6624.00    | 15.920             | 17.900         | 6377.36     | 854.11            | 1589.32       | 543.82       | 0.38             |  |
| 6713.00    | 17.070             | 14.160         | 6462.70     | 865.82            | 1613.60       | 550.77       | 1.76             |  |
| 6803.00    | 22.370             | 23.100         | 6547.41     | 881.36            | 1642.19       | 560.73       | 6.76             |  |
| 6892.00    | 27.340             | 43.170         | 6628.28     | 907.79            | 1672.75       | 581.41       | 10.93            |  |
| 6982.00    | 32.880             | 55.140         | 6706.18     | 947.21            | 1701.83       | 615.65       | 9.05             |  |
| 7071.00    | 39.500             | 56.770         | 6777.97     | 995.80            | 1731.19       | 659.20       | 7.52             |  |
| 7161.00    | 43.950             | 66.540         | 6845.20     | 1053.08           | 1759.35       | 711.87       | 8.74             |  |
| 7250.00    | 51.190             | 77.060         | 6905.30     | 1118.17           | 1779.47       | 774.18       | 11.91            |  |
| 7340.00    | 59.630             | 79.980         | 6956.35     | 1192.18           | 1794.11       | 846.73       | 9.75             |  |
| 7429.00    | 67.270             | 84.370         | 6996.12     | 1271.52           | 1804.83       | 925.53       | 9.65             |  |
| 7519.00    | 75.020             | 87.610         | 7025.19     | 1355.85           | 1810.73       | 1010.42      | 9.26             |  |
| 7608.00    | 83.650             | 90.210         | 7041.65     | 1441.73           | 1812.36       | 1097.77      | 10.11            |  |
| 7698.00    | 90.400             | 92.900         | 7046.31     | 1529.16           | 1809.92       | 1187.56      | 8.07             |  |
| 7787.00    | 90.650             | 94.470         | 7045.50     | 1614.98           | 1804.20       | 1276.37      | 1.79             | LANDING POINT (2536'FSL & 157'FWL, SEC 21) |
| 7877.00    | 90.460             | 96.730         | 7044.63     | 1700.91           | 1795.42       | 1365.93      | 2.52             |  |

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## WELLPATH DATA (177 stations)

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | DLS<br>[°/100ft] | Comments |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|------------------|----------|
| 7967.00    | 90.520             | 98.330         | 7043.86     | 1785.90           | 1783.62       | 1455.15      | 1.78             |          |
| 8056.00    | 90.280             | 94.070         | 7043.24     | 1870.58           | 1774.01       | 1543.60      | 4.79             |          |
| 8146.00    | 90.430             | 90.110         | 7042.68     | 1957.98           | 1770.73       | 1633.52      | 4.40             |          |
| 8235.00    | 90.220             | 90.240         | 7042.17     | 2045.08           | 1770.46       | 1722.52      | 0.28             |          |
| 8324.00    | 90.400             | 90.830         | 7041.69     | 2132.07           | 1769.63       | 1811.52      | 0.69             |          |
| 8414.00    | 88.920             | 92.020         | 7042.23     | 2219.72           | 1767.39       | 1901.48      | 2.11             |          |
| 8503.00    | 88.680             | 92.440         | 7044.09     | 2306.09           | 1763.93       | 1990.40      | 0.54             |          |
| 8593.00    | 88.740             | 92.450         | 7046.12     | 2393.35           | 1760.09       | 2080.29      | 0.07             |          |
| 8683.00    | 88.550             | 93.440         | 7048.24     | 2480.42           | 1755.47       | 2170.15      | 1.12             |          |
| 8772.00    | 88.920             | 94.640         | 7050.21     | 2566.07           | 1749.20       | 2258.90      | 1.41             |          |
| 8861.00    | 88.830             | 95.170         | 7051.96     | 2651.35           | 1741.59       | 2347.56      | 0.60             |          |
| 8951.00    | 88.520             | 94.940         | 7054.04     | 2737.52           | 1733.66       | 2437.18      | 0.43             |          |
| 9040.00    | 88.860             | 91.280         | 7056.07     | 2823.54           | 1728.84       | 2526.01      | 4.13             |          |
| 9130.00    | 88.800             | 87.920         | 7057.91     | 2911.77           | 1729.46       | 2615.98      | 3.73             |          |
| 9219.00    | 88.710             | 86.920         | 7059.85     | 2999.63           | 1733.47       | 2704.87      | 1.13             |          |
| 9309.00    | 88.950             | 85.220         | 7061.68     | 3088.79           | 1739.64       | 2794.63      | 1.91             |          |
| 9398.00    | 88.920             | 84.780         | 7063.34     | 3177.17           | 1747.39       | 2883.28      | 0.50             |          |
| 9488.00    | 88.830             | 85.330         | 7065.10     | 3266.53           | 1755.15       | 2972.93      | 0.62             |          |
| 9577.00    | 88.890             | 85.930         | 7066.88     | 3354.79           | 1761.93       | 3061.65      | 0.68             |          |
| 9667.00    | 88.710             | 86.900         | 7068.76     | 3443.88           | 1767.55       | 3151.45      | 1.10             |          |
| 9756.00    | 90.490             | 87.180         | 7069.38     | 3531.84           | 1772.15       | 3240.33      | 2.02             |          |
| 9846.00    | 90.650             | 85.340         | 7068.49     | 3620.98           | 1778.02       | 3330.13      | 2.05             |          |
| 9935.00    | 90.800             | 85.310         | 7067.36     | 3709.31           | 1785.27       | 3418.83      | 0.17             |          |
| 10024.00   | 91.050             | 84.560         | 7065.92     | 3797.70           | 1793.13       | 3507.47      | 0.89             |          |
| 10114.00   | 90.890             | 83.790         | 7064.40     | 3887.22           | 1802.26       | 3596.99      | 0.87             |          |
| 10203.00   | 90.120             | 85.960         | 7063.61     | 3975.63           | 1810.21       | 3685.62      | 2.59             |          |
| 10293.00   | 90.060             | 89.250         | 7063.47     | 4064.44           | 1813.97       | 3775.53      | 3.66             |          |
| 10382.00   | 89.660             | 89.240         | 7063.69     | 4151.83           | 1815.15       | 3864.52      | 0.45             |          |
| 10472.00   | 89.570             | 85.830         | 7064.30     | 4240.66           | 1819.02       | 3954.42      | 3.79             |          |
| 10561.00   | 89.780             | 84.740         | 7064.80     | 4329.00           | 1826.33       | 4043.12      | 1.25             |          |

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## WELLPATH DATA (177 stations)

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | DLS<br>[°/100ft] | Comments |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|------------------|----------|
| 10651.00   | 89.820             | 88.940         | 7065.11     | 4417.99           | 1831.29       | 4132.96      | 4.67             |          |
| 10740.00   | 90.030             | 91.550         | 7065.23     | 4505.06           | 1830.91       | 4221.95      | 2.94             |          |
| 10830.00   | 90.000             | 91.710         | 7065.21     | 4592.64           | 1828.35       | 4311.92      | 0.18             |          |
| 10919.00   | 89.880             | 91.840         | 7065.30     | 4679.21           | 1825.59       | 4400.88      | 0.20             |          |
| 11009.00   | 89.720             | 91.470         | 7065.62     | 4766.78           | 1822.99       | 4490.84      | 0.45             |          |
| 11098.00   | 89.880             | 90.790         | 7065.93     | 4853.57           | 1821.24       | 4579.82      | 0.78             |          |
| 11187.00   | 90.030             | 90.840         | 7066.00     | 4940.46           | 1819.97       | 4668.81      | 0.18             |          |
| 11277.00   | 89.820             | 91.500         | 7066.11     | 5028.21           | 1818.14       | 4758.79      | 0.77             |          |
| 11367.00   | 89.780             | 93.010         | 7066.43     | 5115.56           | 1814.59       | 4848.72      | 1.68             |          |
| 11456.00   | 89.910             | 90.100         | 7066.67     | 5202.19           | 1812.18       | 4937.67      | 3.27             |          |
| 11545.00   | 89.940             | 87.020         | 7066.79     | 5289.76           | 1814.42       | 5026.64      | 3.46             |          |
| 11635.00   | 89.910             | 87.010         | 7066.90     | 5378.73           | 1819.10       | 5116.51      | 0.04             |          |
| 11724.00   | 89.850             | 86.600         | 7067.09     | 5466.76           | 1824.06       | 5205.37      | 0.47             |          |
| 11814.00   | 90.030             | 86.170         | 7067.18     | 5555.87           | 1829.74       | 5295.20      | 0.52             |          |
| 11903.00   | 89.940             | 88.140         | 7067.21     | 5643.81           | 1834.15       | 5384.08      | 2.22             |          |
| 11993.00   | 89.720             | 90.750         | 7067.47     | 5732.12           | 1835.03       | 5474.07      | 2.91             |          |
| 12083.00   | 89.970             | 90.420         | 7067.72     | 5820.06           | 1834.11       | 5564.06      | 0.46             |          |
| 12172.00   | 89.970             | 90.960         | 7067.76     | 5907.00           | 1833.04       | 5653.06      | 0.61             |          |
| 12262.00   | 89.850             | 92.850         | 7067.91     | 5994.48           | 1830.04       | 5743.00      | 2.10             |          |
| 12351.00   | 89.720             | 88.430         | 7068.24     | 6081.41           | 1829.05       | 5831.97      | 4.97             |          |
| 12441.00   | 90.000             | 85.910         | 7068.46     | 6170.33           | 1833.49       | 5921.86      | 2.82             |          |
| 12530.00   | 89.690             | 89.070         | 7068.70     | 6258.19           | 1837.39       | 6010.76      | 3.57             |          |
| 12619.00   | 90.000             | 91.700         | 7068.94     | 6345.22           | 1836.79       | 6099.75      | 2.98             |          |
| 12709.00   | 89.850             | 87.970         | 7069.06     | 6433.39           | 1837.05       | 6189.73      | 4.15             |          |
| 12799.00   | 88.950             | 88.010         | 7070.00     | 6522.11           | 1840.21       | 6279.67      | 1.00             |          |
| 12888.00   | 89.320             | 88.730         | 7071.34     | 6609.74           | 1842.74       | 6368.63      | 0.91             |          |
| 12977.00   | 89.170             | 90.390         | 7072.52     | 6697.02           | 1843.42       | 6457.61      | 1.87             |          |
| 13067.00   | 89.510             | 90.300         | 7073.55     | 6785.04           | 1842.88       | 6547.60      | 0.39             |          |
| 13156.00   | 89.420             | 90.910         | 7074.39     | 6872.00           | 1841.94       | 6636.60      | 0.69             |          |
| 13246.00   | 89.290             | 91.530         | 7075.40     | 6959.73           | 1840.03       | 6726.57      | 0.70             |          |

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## WELLPATH DATA (177 stations)

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | DLS<br>[°/100ft] | Comments  |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|------------------|---|
| 13335.00   | 89.720             | 91.470         | 7076.17     | 7046.38           | 1837.70       | 6815.53      | 0.49             |   |
| 13425.00   | 89.660             | 92.580         | 7076.65     | 7133.82           | 1834.52       | 6905.48      | 1.24             |   |
| 13514.00   | 89.720             | 92.900         | 7077.14     | 7220.02           | 1830.26       | 6994.37      | 0.37             |   |
| 13604.00   | 89.630             | 90.640         | 7077.65     | 7307.55           | 1827.48       | 7084.32      | 2.51             |   |
| 13693.00   | 89.750             | 88.190         | 7078.13     | 7394.88           | 1828.39       | 7173.31      | 2.76             |   |
| 13783.00   | 89.750             | 86.360         | 7078.52     | 7483.78           | 1832.67       | 7263.20      | 2.03             |   |
| 13872.00   | 89.660             | 87.130         | 7078.98     | 7571.82           | 1837.72       | 7352.06      | 0.87             |   |
| 13962.00   | 89.690             | 89.070         | 7079.49     | 7660.51           | 1840.71       | 7442.00      | 2.16             |   |
| 14052.00   | 88.920             | 90.170         | 7080.58     | 7748.75           | 1841.30       | 7531.99      | 1.49             |   |
| 14141.00   | 89.420             | 91.490         | 7081.87     | 7835.63           | 1840.01       | 7620.97      | 1.59             |   |
| 14231.00   | 89.630             | 88.390         | 7082.62     | 7923.78           | 1840.11       | 7710.96      | 3.45             |   |
| 14320.00   | 89.940             | 85.660         | 7082.95     | 8011.74           | 1844.73       | 7799.83      | 3.09             |   |
| 14410.00   | 89.140             | 85.710         | 7083.67     | 8101.00           | 1851.50       | 7889.57      | 0.89             |   |
| 14499.00   | 89.940             | 81.490         | 7084.39     | 8189.60           | 1861.42       | 7977.99      | 4.83             |   |
| 14589.00   | 89.510             | 85.950         | 7084.82     | 8279.18           | 1871.26       | 8067.43      | 4.98             |   |
| 14678.00   | 89.850             | 89.430         | 7085.32     | 8366.98           | 1874.84       | 8156.34      | 3.93             |   |
| 14768.00   | 89.140             | 90.780         | 7086.11     | 8455.08           | 1874.68       | 8246.33      | 1.69             |   |
| 14857.00   | 89.600             | 90.960         | 7087.09     | 8541.95           | 1873.33       | 8335.32      | 0.56             |   |
| 14947.00   | 89.450             | 91.330         | 7087.84     | 8629.70           | 1871.53       | 8425.30      | 0.44             |   |
| 15036.00   | 89.540             | 91.190         | 7088.62     | 8716.44           | 1869.57       | 8514.27      | 0.19             |   |
| 15125.00   | 89.720             | 91.300         | 7089.20     | 8803.19           | 1867.64       | 8603.25      | 0.24             |   |
| 15215.00   | 88.950             | 89.920         | 7090.24     | 8891.12           | 1866.68       | 8693.23      | 1.76             |   |
| 15304.00   | 90.060             | 89.720         | 7091.01     | 8978.33           | 1866.96       | 8782.23      | 1.27             |   |
| 15394.00   | 90.060             | 89.790         | 7090.91     | 9066.55           | 1867.35       | 8872.23      | 0.08             |   |
| 15483.00   | 90.060             | 88.980         | 7090.82     | 9153.89           | 1868.30       | 8961.22      | 0.91             |   |
| 15526.00   | 89.970             | 88.560         | 7090.81     | 9196.18           | 1869.22       | 9004.21      | 1.00             | LAST BHI MWD SURVEY (2516'FSL & 2588'FWL, SEC.22) |
| 15550.00   | 89.970             | 88.560         | 7090.82     | 9219.80           | 1869.83       | 9028.20      | 0.00             | PROJECTION TO BIT (2516'FSL & 2612'FWL, SEC.22)   |



# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## HOLE & CASING SECTIONS - Ref Wellbore: HOOD 25N-22C-M AWB Ref Wellpath: HOOD 25N-22C-M AWP

| String/Diameter        | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole       | 25.00         | 1763.00     | 1738.00       | 25.00          | 1726.62      | 0.00           | 0.00           | 258.91       | 91.10        |
| 9.625in Casing Surface | 25.00         | 1763.00     | 1738.00       | 25.00          | 1726.62      | 0.00           | 0.00           | 258.91       | 91.10        |
| 8.5in Open Hole        | 1763.00       | 15526.00    | 13763.00      | 1726.62        | 7090.81      | 258.91         | 91.10          | 1869.22      | 9004.21      |

## TARGETS

| Name  | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude       | Longitude       | Shape   |
|---|----------|------------|-----------|-------------------|--------------------|----------------|-----------------|---------|
| SEC.21-T06N-R66W  | 21.00    | 0.00       | 0.00      | 3195753.51        | 1414279.17         | 40°28'06.478"N | 104°47'47.123"W | polygon |
| SEC.21-T06N-R66W 1/4 LINES                                  | 21.00    | 0.00       | 0.00      | 3195753.51        | 1414279.17         | 40°28'06.478"N | 104°47'47.123"W | polygon |
| SEC.22-T06N-R66W  | 21.00    | 0.00       | 0.00      | 3195753.51        | 1414279.17         | 40°28'06.478"N | 104°47'47.123"W | polygon |
| SEC.22-T06N-R66W 1/4 LINES                                  | 21.00    | 0.00       | 0.00      | 3195753.51        | 1414279.17         | 40°28'06.478"N | 104°47'47.123"W | polygon |
| HOOD 25N-22B-M TOP OF PROD REV-1 (2544'FSL & 75'FWL SEC.21) | 6959.00  | 1796.07    | 1194.13   | 3196933.31        | 1416084.59         | 40°28'24.226"N | 104°47'31.672"W | point   |
| HOOD 25N-22B-M BHL REV-1 (2520'FSL & 2612'FWL SEC.22)       | 7001.00  | 1865.09    | 9028.49   | 3204766.57        | 1416215.76         | 40°28'24.892"N | 104°45'50.299"W | point   |
| HOOD 25N-22B-M TOP OF PROD REV-2 (2544'FSL & 75'FWL SEC.21) | 7047.06  | 1796.07    | 1194.13   | 3196933.31        | 1416084.58         | 40°28'24.226"N | 104°47'31.672"W | point   |
| HOOD 25N-22B-M BHL REV-2 (2520'FSL & 2612'FWL SEC.22)       | 7090.16  | 1865.09    | 9028.49   | 3204766.57        | 1416215.76         | 40°28'24.892"N | 104°45'50.299"W | point   |
| SEC.21&22-T06N-R66W 75' SOUTHERN SETBACKS                   | 7209.00  | 0.00       | 0.00      | 3195753.51        | 1414279.17         | 40°28'06.478"N | 104°47'47.123"W | polygon |

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## WELLPATH COMPOSITION - Ref Wellbore: HOOD 25N-22C-M AWB Ref Wellpath: HOOD 25N-22C-M AWP

| Start MD<br>[ft] | End MD<br>[ft] | Positional Uncertainty Model  | Log Name/Comment   | Wellbore           |
|------------------|----------------|---|--|--------------------|
| 25.00            | 1712.00        | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<109-1712> | HOOD 25N-22C-M AWB |
| 1712.00          | 15526.00       | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)            | BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1794-15526>              | HOOD 25N-22C-M AWB |
| 15526.00         | 15550.00       | Blind Drilling (std)  | Projection to bit  | HOOD 25N-22C-M AWB |

# Actual Wellpath Report

HOOD 25N-22C-M AWP

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## REFERENCE WELLPATH IDENTIFICATION

|          |                                |          |  |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY                     | Slot     | SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20) |
| Area     | COLORADO                       | Well     | HOOD 25N-22C-M                                     |
| Field    | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | HOOD 25N-22C-M AWB                                 |
| Facility | SEC.20-T06N-R66W               |          |  |

## WELLPATH COMMENTS

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Comment   |
|------------|--------------------|----------------|-------------|---|
| 7787.00    | 90.650             | 94.470         | 7045.50     | LANDING POINT (2536'FSL & 157'FWL, SEC 21)        |
| 15526.00   | 89.970             | 88.560         | 7090.81     | LAST BHI MWD SURVEY (2516'FSL & 2588'FWL, SEC.22) |
| 15550.00   | 89.970             | 88.560         | 7090.82     | PROJECTION TO BIT (2516'FSL & 2612'FWL, SEC.22)   |