

# CONFLUENCE RESOURCES



|  |                                 |  |  |
|--|---------------------------------|--|--|
| Location:  | COLORADO                        | Slot:  | SLOT#12 Desha 4-7-3L (620FSL & 793FWL, SEC.34) |
| Field:   | WELD COUNTY (NAD83, TRUE NORTH) | Well:  | Desha 4-7-3L                                   |
| Facility:  | SEC.34-T01N-R65W                | Wellbore:  | Desha 4-7-3L PWB                               |
| Plot reference wellpath is Desha 4-7-3L PWP Rev A.0  |                                 | Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet |  |
| True vertical depths are referenced to Rig (20.5) (RT)                                       |                                 | North Reference: True north  |  |
| Reference wellpath measured depths are referenced to Rig (20.5) (RT)                         |                                 | Scale: True distance   |  |
| Rig (20.5) (RT) to Mean Sea Level: 5160.5 feet   |                                 | Coordinates are in feet referenced to Slot                             |  |
| Mean Sea Level to Mud line (At Slot: SLOT#12 Desha 4-7-3L (620FSL & 793FWL, SEC.34)): 0 feet |                                 | Depths are in feet   |  |
| Offset wellpath MDs are referenced to each path's default MD datum                           |                                 | Created by: painstr on 2020-10-07, Database: WA_Denver                 |  |

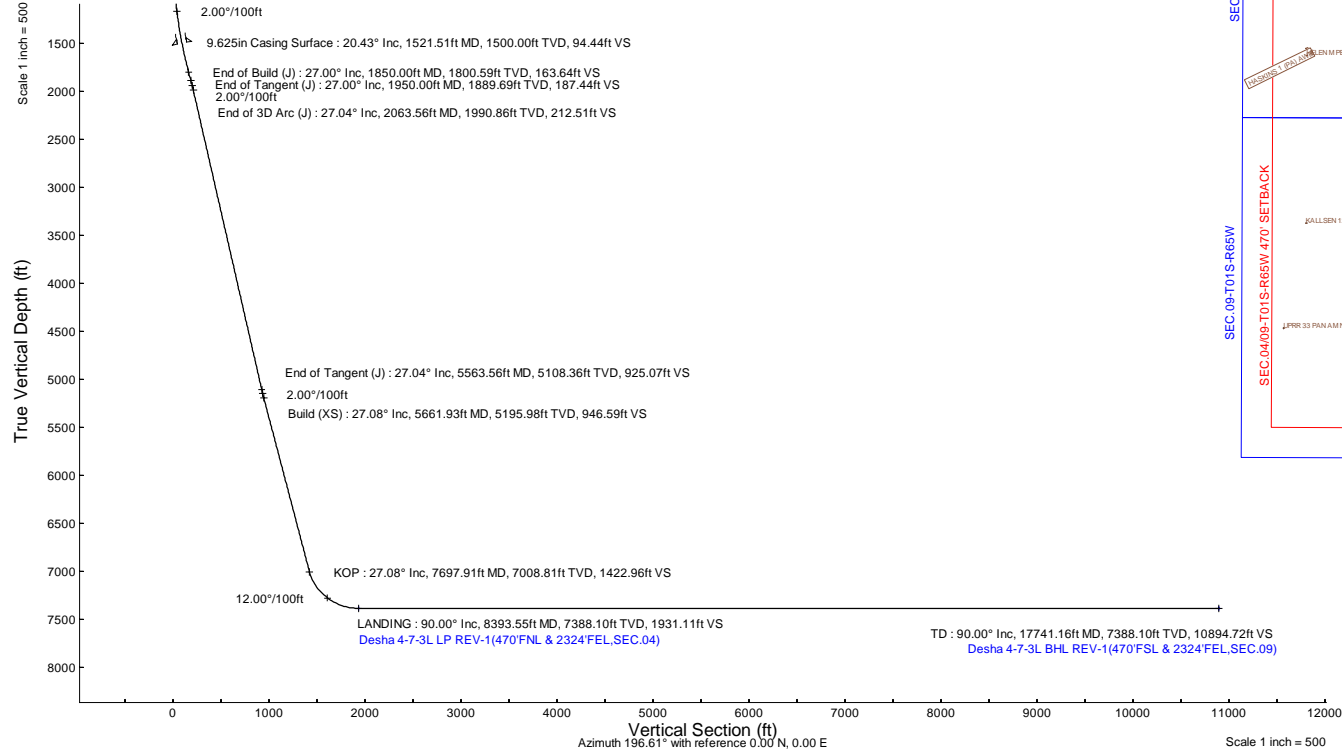
| Location Information  |  |                   |                    |               |                 |
|---|--|-------------------|--------------------|---------------|-----------------|
| Facility Name   |  | Grid East (US ft) | Grid North (US ft) | Latitude      | Longitude       |
| SEC.34-T01N-R65W  |  | 3236186.141       | 1244789.256        | 40°00'8.100"N | 104°39'24.840"W |
| Slot  |  | Grid East (US ft) | Grid North (US ft) | Latitude      | Longitude       |
| SLOT#12 Desha 4-7-3L (620FSL & 793FWL, SEC.34)  |  | 3236236.565       | 1244789.736        | 40°00'8.100"N | 104°39'24.192"W |
| Rig (20.5) (RT) to Mud line (At Slot: SLOT#12 Desha 4-7-3L (620FSL & 793FWL, SEC.34)) |  | 0.00              |                    | 5160.5R       |                 |
| Mean Sea Level to Mud line (At Slot: SLOT#12 Desha 4-7-3L (620FSL & 793FWL, SEC.34))  |  | 50.43             |                    | 0R            |                 |
| Rig (20.5) (RT) to Mean Sea Level   |  |                   |                    | 5160.5R       |                 |

| Survey Program |             |                                 |   |                  |                  |
|----------------|-------------|---------------------------------|---|------------------|------------------|
| Start MD (ft)  | End MD (ft) | Tool                            | Model   | Log Name/Comment | Wellbore         |
| 20.50          | 1521.51     | BH NavTrak (2019)               | BH NavTrak (2019) (Axial)                       |                  | Desha 4-7-3L PWB |
| 1521.51        | 17876.42    | BH AutoTrak Curve/Xpress (2019) | BH AutoTrak Curve/Xpress (2019) (Short spacing) |                  | Desha 4-7-3L PWB |

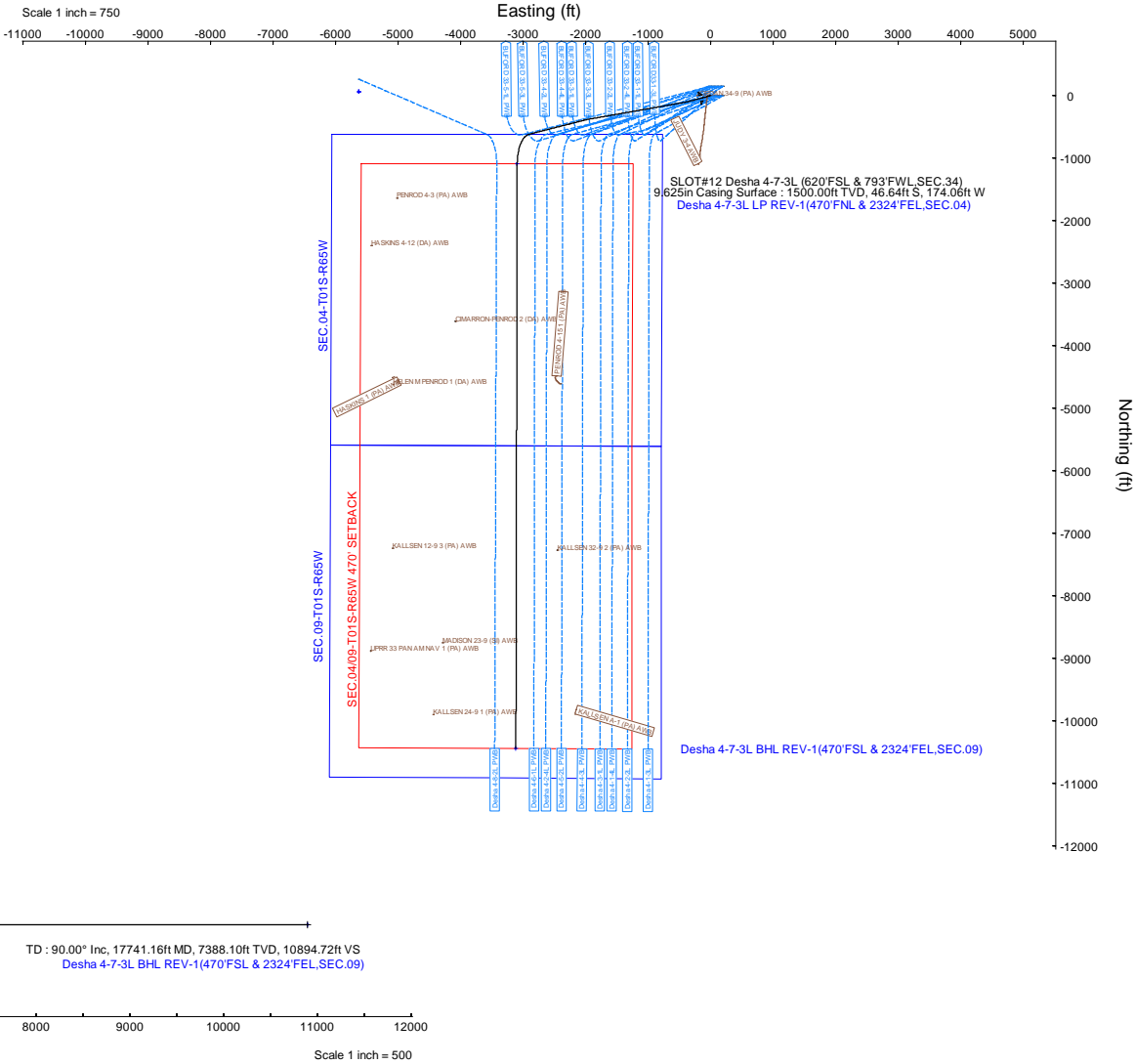
| Hole and Casing Sections |               |             |               |                |                  |
|--------------------------|---------------|-------------|---------------|----------------|------------------|
| Name                     | Start MD (ft) | End MD (ft) | Interval (ft) | Start TVD (ft) | End TVD (ft)     |
| 9.625in Casing Surface   | 20.50         | 1521.51     | 1501.01       | 20.50          | 1500.00          |
|                          |               |             |               | Local N (ft)   | Local E (ft)     |
|                          |               |             |               | 0.00           | -46.64           |
|                          |               |             |               | Local N (ft)   | Local E (ft)     |
|                          |               |             |               | -174.06        |                  |
|                          |               |             |               |                | Desha 4-7-3L PWB |

| Bottom Hole Location |         |         |          |                   |                    |
|----------------------|---------|---------|----------|-------------------|--------------------|
| MD (ft)              | Inc (°) | Az (°)  | TVD (ft) | Local N (ft)      | Local E (ft)       |
| 17741.16             | 90.000  | 180.127 | 7388.10  | -10440.26         | -3113.82           |
|                      |         |         |          | Grid East (US ft) | Grid North (US ft) |
|                      |         |         |          | 3233222.27        | 1234320.72         |
|                      |         |         |          | Latitude          | Longitude          |
|                      |         |         |          | 39°58'24.9240"N   | 104°40'4.1880"W    |

| Targets  |          |          |              |              |                   |
|--|----------|----------|--------------|--------------|-------------------|
| Name   | MD (ft)  | TVD (ft) | Local N (ft) | Local E (ft) | Grid East (US ft) |
| SEC.04-T01S-R65W                                 | N/A      | 62.00    | 62.57        | -5625.49     | 3230610.94        |
| SEC.0409-T01S-R65W 470' SETBACK                  | N/A      | 62.00    | 62.57        | -5625.49     | 3230610.94        |
| SEC.09-T01S-R65W                                 | N/A      | 62.00    | 62.57        | -5625.49     | 3230610.94        |
| Desha 4-7-3L BHL REV-1(470FSL & 2324FEL, SEC.09) | 17741.16 | 7388.10  | -10440.26    | -3113.82     | 3233222.27        |
| Desha 4-7-3L LP REV-1(470FSL & 2324FEL, SEC.04)  | 8393.55  | 7388.10  | -1092.67     | -3093.04     | 3233154.17        |



| Well Profile Data  |          |         |         |          |              |              |               |          |
|--------------------|----------|---------|---------|----------|--------------|--------------|---------------|----------|
| Design Comment     | MD (ft)  | Inc (°) | Az (°)  | TVD (ft) | Local N (ft) | Local E (ft) | DLS (°/100ft) | VS (ft)  |
| Tie On             | 20.50    | 0.000   | 255.000 | 20.50    | 0.00         | 0.00         | 0.00          | 0.00     |
| End of Tangent     | 500.00   | 0.000   | 255.000 | 500.00   | 0.00         | 0.00         | 0.00          | 0.00     |
| End of Build (J)   | 1850.00  | 27.000  | 255.000 | 1800.59  | -80.81       | -301.60      | 2.00          | 163.64   |
| End of Tangent (J) | 1950.00  | 27.000  | 255.000 | 1889.69  | -92.56       | -345.46      | 0.00          | 187.44   |
| End of 3D Arc (J)  | 2063.56  | 27.037  | 260.000 | 1990.86  | -103.72      | -395.78      | 2.00          | 212.51   |
| End of Tangent (J) | 5563.56  | 27.037  | 260.000 | 5108.36  | -379.99      | -1962.59     | 0.00          | 925.07   |
| Build (XS)         | 5661.93  | 27.077  | 255.675 | 5195.98  | -389.41      | -2006.30     | 2.00          | 946.59   |
| KOP                | 7697.91  | 27.077  | 255.675 | 7008.81  | -618.71      | -2904.22     | 0.00          | 1422.96  |
| LANDING            | 8393.55  | 90.000  | 180.127 | 7388.10  | -1092.67     | -3093.04     | 12.00         | 1931.11  |
| TD                 | 17741.16 | 90.000  | 180.127 | 7388.10  | -10440.26    | -3113.82     | 0.00          | 10894.72 |



# Planned Wellpath Report

Desha 4-7-3L PWP Rev-A.0

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## REFERENCE WELLPATH IDENTIFICATION

|          |   |           |                  |
|----------|---|-----------|------------------|
| Operator | CONFLUENCE RESOURCES                            | Well      | Desha 4-7-3L     |
| Field    | WELD COUNTY (NAD83, TRUE NORTH)                 | API/Legal |                  |
| Facility | SEC.34-T01N-R65W                                | Wellbore  | Desha 4-7-3L PWB |
| Slot     | SLOT#12 Desha 4-7-3L (620'FSL & 793'FWL,SEC.34) |           |                  |

## REPORT SETUP INFORMATION

|                     |   |                  |                         |
|---------------------|---|------------------|-------------------------|
| Projection System   | NAD83 / Lambert Colorado SP, Northern Zone (501), US feet | Software System  | WellArchitect® 6.0      |
| North Reference     | True  | User             | Painsetr                |
| Scale               | 0.999966  | Report Generated | 10/7/2020 at 1:01:09 PM |
| Convergence at slot | 0.54° East  | Database         | WA_Denver               |

## WELLPATH LOCATION

|                       | Local coordinates |          | Grid coordinates |                 | Geographic coordinates |               |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|---------------|
|                       | North[ft]         | East[ft] | Easting[US ft]   | Northing[US ft] | Latitude               | Longitude     |
| Slot Location         | 0.00              | 50.43    | 3236236.57       | 1244789.74      | 40.0022500°            | -104.6567200° |
| Facility Reference Pt |                   |          | 3236186.14       | 1244789.26      | 40.0022500°            | -104.6569000° |
| Field Reference Pt    |                   |          | 3230456.90       | 1245096.09      | 40.0032400°            | -104.6773400° |

## WELLPATH DATUM

|                          |                   |  |                   |
|--------------------------|-------------------|--|-------------------|
| Calculation method       | Minimum curvature | Rig (20.5') (RT) to Facility Vertical Datum  | 5160.50ft         |
| Horizontal Reference Pt  | Slot              | Rig (20.5') (RT) to Mean Sea Level   | 5160.50ft         |
| Vertical Reference Pt    | Rig (20.5') (RT)  | Rig (20.5') (RT) to Mud Line at Slot (SLOT#12 Desha 4-7-3L (620'FSL & 793'FWL,SEC.34)) | 5160.50ft         |
| MD Reference Pt          | Rig (20.5') (RT)  | Section Origin   | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level    | Section Azimuth  | 196.61°           |

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## REFERENCE WELLPATH IDENTIFICATION

|          |   |           |                  |
|----------|---|-----------|------------------|
| Operator | CONFLUENCE RESOURCES                            | Well      | Desha 4-7-3L     |
| Field    | WELD COUNTY (NAD83, TRUE NORTH)                 | API/Legal |                  |
| Facility | SEC.34-T01N-R65W                                | Wellbore  | Desha 4-7-3L PWB |
| Slot     | SLOT#12 Desha 4-7-3L (620'FSL & 793'FWL,SEC.34) |           |                  |

## WELLPATH DATA (188 stations) † = interpolated, ‡ = extrapolated station

| MD [ft]  | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude   | Longitude    | DLS [°/100ft] | Comments           |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|------------|--------------|---------------|--------------------|
| 0.00†    | 0.000           | 255.000     | 0.00     | 0.00           | 0.00       | 0.00      | 3236236.56        | 1244789.74         | 40.0022500 | -104.6567200 | 0.00          |                    |
| 20.50    | 0.000           | 255.000     | 20.50    | 0.00           | 0.00       | 0.00      | 3236236.56        | 1244789.74         | 40.0022500 | -104.6567200 | 0.00          | Tie On             |
| 120.50†  | 0.000           | 255.000     | 120.50   | 0.00           | 0.00       | 0.00      | 3236236.56        | 1244789.74         | 40.0022500 | -104.6567200 | 0.00          |                    |
| 220.50†  | 0.000           | 255.000     | 220.50   | 0.00           | 0.00       | 0.00      | 3236236.56        | 1244789.74         | 40.0022500 | -104.6567200 | 0.00          |                    |
| 320.50†  | 0.000           | 255.000     | 320.50   | 0.00           | 0.00       | 0.00      | 3236236.56        | 1244789.74         | 40.0022500 | -104.6567200 | 0.00          |                    |
| 420.50†  | 0.000           | 255.000     | 420.50   | 0.00           | 0.00       | 0.00      | 3236236.56        | 1244789.74         | 40.0022500 | -104.6567200 | 0.00          |                    |
| 500.00   | 0.000           | 255.000     | 500.00   | 0.00           | 0.00       | 0.00      | 3236236.56        | 1244789.74         | 40.0022500 | -104.6567200 | 0.00          | End of Tangent     |
| 520.50†  | 0.410           | 255.000     | 520.50   | 0.04           | -0.02      | -0.07     | 3236236.49        | 1244789.72         | 40.0022499 | -104.6567203 | 2.00          |                    |
| 620.50†  | 2.410           | 255.000     | 620.46   | 1.33           | -0.66      | -2.45     | 3236234.12        | 1244789.06         | 40.0022482 | -104.6567287 | 2.00          |                    |
| 720.50†  | 4.410           | 255.000     | 720.28   | 4.45           | -2.20      | -8.19     | 3236228.39        | 1244787.46         | 40.0022440 | -104.6567492 | 2.00          |                    |
| 820.50†  | 6.410           | 255.000     | 819.83   | 9.39           | -4.64      | -17.30    | 3236219.31        | 1244784.94         | 40.0022373 | -104.6567817 | 2.00          |                    |
| 920.50†  | 8.410           | 255.000     | 918.99   | 16.15          | -7.97      | -29.76    | 3236206.89        | 1244781.48         | 40.0022281 | -104.6568262 | 2.00          |                    |
| 1020.50† | 10.410          | 255.000     | 1017.64  | 24.71          | -12.20     | -45.55    | 3236191.14        | 1244777.10         | 40.0022165 | -104.6568826 | 2.00          |                    |
| 1120.50† | 12.410          | 255.000     | 1115.66  | 35.08          | -17.32     | -64.66    | 3236172.08        | 1244771.80         | 40.0022024 | -104.6569508 | 2.00          |                    |
| 1220.50† | 14.410          | 255.000     | 1212.93  | 47.24          | -23.33     | -87.06    | 3236149.74        | 1244765.58         | 40.0021860 | -104.6570307 | 2.00          |                    |
| 1320.50† | 16.410          | 255.000     | 1309.33  | 61.16          | -30.20     | -112.72   | 3236124.14        | 1244758.46         | 40.0021671 | -104.6571224 | 2.00          |                    |
| 1420.50† | 18.410          | 255.000     | 1404.74  | 76.84          | -37.95     | -141.62   | 3236095.32        | 1244750.44         | 40.0021458 | -104.6572255 | 2.00          |                    |
| 1520.50† | 20.410          | 255.000     | 1499.05  | 94.26          | -46.55     | -173.72   | 3236063.30        | 1244741.54         | 40.0021222 | -104.6573401 | 2.00          |                    |
| 1620.50† | 22.410          | 255.000     | 1592.15  | 113.39         | -56.00     | -208.98   | 3236028.14        | 1244731.76         | 40.0020963 | -104.6574659 | 2.00          |                    |
| 1720.50† | 24.410          | 255.000     | 1683.91  | 134.21         | -66.28     | -247.35   | 3235989.86        | 1244721.11         | 40.0020681 | -104.6576029 | 2.00          |                    |
| 1820.50† | 26.410          | 255.000     | 1774.23  | 156.70         | -77.38     | -288.80   | 3235948.53        | 1244709.61         | 40.0020376 | -104.6577509 | 2.00          |                    |
| 1850.00  | 27.000          | 255.000     | 1800.59  | 163.64         | -80.81     | -301.60   | 3235935.75        | 1244706.06         | 40.0020282 | -104.6577966 | 2.00          | End of Build (J)   |
| 1920.50† | 27.000          | 255.000     | 1863.40  | 180.42         | -89.10     | -332.52   | 3235904.92        | 1244697.48         | 40.0020054 | -104.6579069 | 0.00          |                    |
| 1950.00  | 27.000          | 255.000     | 1889.69  | 187.44         | -92.56     | -345.46   | 3235892.02        | 1244693.89         | 40.0019959 | -104.6579531 | 0.00          | End of Tangent (J) |
| 2020.50† | 27.002          | 258.106     | 1952.51  | 203.46         | -100.01    | -376.58   | 3235860.97        | 1244686.16         | 40.0019755 | -104.6580642 | 2.00          |                    |
| 2063.56  | 27.037          | 260.000     | 1990.86  | 212.51         | -103.72    | -395.78   | 3235841.80        | 1244682.26         | 40.0019653 | -104.6581327 | 2.00          | End of 3D Arc (J)  |
| 2120.50† | 27.037          | 260.000     | 2041.58  | 224.10         | -108.21    | -421.27   | 3235816.36        | 1244677.52         | 40.0019529 | -104.6582237 | 0.00          |                    |
| 2220.50† | 27.037          | 260.000     | 2130.66  | 244.46         | -116.11    | -466.04   | 3235771.67        | 1244669.21         | 40.0019313 | -104.6583835 | 0.00          |                    |
| 2320.50† | 27.037          | 260.000     | 2219.73  | 264.82         | -124.00    | -510.80   | 3235726.98        | 1244660.89         | 40.0019096 | -104.6585433 | 0.00          |                    |
| 2420.50† | 27.037          | 260.000     | 2308.80  | 285.18         | -131.89    | -555.57   | 3235682.30        | 1244652.57         | 40.0018879 | -104.6587031 | 0.00          |                    |
| 2520.50† | 27.037          | 260.000     | 2397.87  | 305.54         | -139.79    | -600.33   | 3235637.61        | 1244644.25         | 40.0018662 | -104.6588629 | 0.00          |                    |
| 2620.50† | 27.037          | 260.000     | 2486.94  | 325.90         | -147.68    | -645.10   | 3235592.92        | 1244635.93         | 40.0018446 | -104.6590226 | 0.00          |                    |
| 2720.50† | 27.037          | 260.000     | 2576.01  | 346.26         | -155.57    | -689.87   | 3235548.23        | 1244627.61         | 40.0018229 | -104.6591824 | 0.00          |                    |
| 2820.50† | 27.037          | 260.000     | 2665.08  | 366.61         | -163.47    | -734.63   | 3235503.55        | 1244619.29         | 40.0018012 | -104.6593422 | 0.00          |                    |
| 2920.50† | 27.037          | 260.000     | 2754.15  | 386.97         | -171.36    | -779.40   | 3235458.86        | 1244610.98         | 40.0017796 | -104.6595020 | 0.00          |                    |
| 3020.50† | 27.037          | 260.000     | 2843.23  | 407.33         | -179.26    | -824.16   | 3235414.17        | 1244602.66         | 40.0017579 | -104.6596618 | 0.00          |                    |
| 3120.50† | 27.037          | 260.000     | 2932.30  | 427.69         | -187.15    | -868.93   | 3235369.49        | 1244594.34         | 40.0017362 | -104.6598216 | 0.00          |                    |
| 3220.50† | 27.037          | 260.000     | 3021.37  | 448.05         | -195.04    | -913.70   | 3235324.80        | 1244586.02         | 40.0017145 | -104.6599814 | 0.00          |                    |
| 3320.50† | 27.037          | 260.000     | 3110.44  | 468.41         | -202.94    | -958.46   | 3235280.11        | 1244577.70         | 40.0016929 | -104.6601412 | 0.00          |                    |
| 3420.50† | 27.037          | 260.000     | 3199.51  | 488.77         | -210.83    | -1003.23  | 3235235.42        | 1244569.38         | 40.0016712 | -104.6603010 | 0.00          |                    |
| 3520.50† | 27.037          | 260.000     | 3288.58  | 509.13         | -218.72    | -1047.99  | 3235190.74        | 1244561.07         | 40.0016495 | -104.6604607 | 0.00          |                    |
| 3620.50† | 27.037          | 260.000     | 3377.65  | 529.49         | -226.62    | -1092.76  | 3235146.05        | 1244552.75         | 40.0016279 | -104.6606205 | 0.00          |                    |
| 3720.50† | 27.037          | 260.000     | 3466.73  | 549.84         | -234.51    | -1137.53  | 3235101.36        | 1244544.43         | 40.0016062 | -104.6607803 | 0.00          |                    |
| 3820.50† | 27.037          | 260.000     | 3555.80  | 570.20         | -242.40    | -1182.29  | 3235056.67        | 1244536.11         | 40.0015845 | -104.6609401 | 0.00          |                    |
| 3920.50† | 27.037          | 260.000     | 3644.87  | 590.56         | -250.30    | -1227.06  | 3235011.99        | 1244527.79         | 40.0015628 | -104.6610999 | 0.00          |                    |

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Desha 4-7-3L PWP Rev-A.0

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## REFERENCE WELLPATH IDENTIFICATION

|          |   |           |                  |
|----------|---|-----------|------------------|
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| Field    | WELD COUNTY (NAD83, TRUE NORTH)                 | API/Legal |                  |
| Facility | SEC.34-T01N-R65W                                | Wellbore  | Desha 4-7-3L PWB |
| Slot     | SLOT#12 Desha 4-7-3L (620'FSL & 793'FWL,SEC.34) |           |                  |

## WELLPATH DATA (188 stations) † = interpolated, ‡ = extrapolated station

| MD [ft]  | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude   | Longitude    | DLS [°/100ft] | Comments           |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|------------|--------------|---------------|--------------------|
| 4020.50† | 27.037          | 260.000     | 3733.94  | 610.92         | -258.19    | -1271.82  | 3234967.30        | 1244519.47         | 40.0015412 | -104.6612597 | 0.00          |                    |
| 4120.50† | 27.037          | 260.000     | 3823.01  | 631.28         | -266.08    | -1316.59  | 3234922.61        | 1244511.15         | 40.0015195 | -104.6614195 | 0.00          |                    |
| 4220.50† | 27.037          | 260.000     | 3912.08  | 651.64         | -273.98    | -1361.36  | 3234877.92        | 1244502.84         | 40.0014978 | -104.6615793 | 0.00          |                    |
| 4320.50† | 27.037          | 260.000     | 4001.15  | 672.00         | -281.87    | -1406.12  | 3234833.24        | 1244494.52         | 40.0014761 | -104.6617390 | 0.00          |                    |
| 4420.50† | 27.037          | 260.000     | 4090.22  | 692.36         | -289.76    | -1450.89  | 3234788.55        | 1244486.20         | 40.0014545 | -104.6618988 | 0.00          |                    |
| 4520.50† | 27.037          | 260.000     | 4179.30  | 712.71         | -297.66    | -1495.65  | 3234743.86        | 1244477.88         | 40.0014328 | -104.6620586 | 0.00          |                    |
| 4620.50† | 27.037          | 260.000     | 4268.37  | 733.07         | -305.55    | -1540.42  | 3234699.18        | 1244469.56         | 40.0014111 | -104.6622184 | 0.00          |                    |
| 4720.50† | 27.037          | 260.000     | 4357.44  | 753.43         | -313.44    | -1585.19  | 3234654.49        | 1244461.24         | 40.0013894 | -104.6623782 | 0.00          |                    |
| 4820.50† | 27.037          | 260.000     | 4446.51  | 773.79         | -321.34    | -1629.95  | 3234609.80        | 1244452.92         | 40.0013678 | -104.6625380 | 0.00          |                    |
| 4920.50† | 27.037          | 260.000     | 4535.58  | 794.15         | -329.23    | -1674.72  | 3234565.11        | 1244444.61         | 40.0013461 | -104.6626978 | 0.00          |                    |
| 5020.50† | 27.037          | 260.000     | 4624.65  | 814.51         | -337.12    | -1719.48  | 3234520.43        | 1244436.29         | 40.0013244 | -104.6628575 | 0.00          |                    |
| 5120.50† | 27.037          | 260.000     | 4713.72  | 834.87         | -345.02    | -1764.25  | 3234475.74        | 1244427.97         | 40.0013027 | -104.6630173 | 0.00          |                    |
| 5220.50† | 27.037          | 260.000     | 4802.79  | 855.23         | -352.91    | -1809.02  | 3234431.05        | 1244419.65         | 40.0012810 | -104.6631771 | 0.00          |                    |
| 5320.50† | 27.037          | 260.000     | 4891.87  | 875.58         | -360.80    | -1853.78  | 3234386.36        | 1244411.33         | 40.0012594 | -104.6633369 | 0.00          |                    |
| 5420.50† | 27.037          | 260.000     | 4980.94  | 895.94         | -368.70    | -1898.55  | 3234341.68        | 1244403.01         | 40.0012377 | -104.6634967 | 0.00          |                    |
| 5520.50† | 27.037          | 260.000     | 5070.01  | 916.30         | -376.59    | -1943.31  | 3234296.99        | 1244394.70         | 40.0012160 | -104.6636565 | 0.00          |                    |
| 5563.56  | 27.037          | 260.000     | 5108.36  | 925.07         | -379.99    | -1962.59  | 3234277.75        | 1244391.11         | 40.0012067 | -104.6637253 | 0.00          | End of Tangent (J) |
| 5620.50† | 27.044          | 257.495     | 5159.08  | 937.16         | -385.04    | -1987.97  | 3234252.41        | 1244385.82         | 40.0011928 | -104.6638159 | 2.00          |                    |
| 5661.93  | 27.077          | 255.675     | 5195.98  | 946.59         | -389.41    | -2006.30  | 3234234.13        | 1244381.28         | 40.0011808 | -104.6638813 | 2.00          | Build (XS)         |
| 5720.50† | 27.077          | 255.675     | 5248.13  | 960.30         | -396.01    | -2032.13  | 3234208.36        | 1244374.43         | 40.0011627 | -104.6639735 | 0.00          |                    |
| 5820.50† | 27.077          | 255.675     | 5337.17  | 983.69         | -407.27    | -2076.24  | 3234164.37        | 1244362.75         | 40.0011318 | -104.6641309 | 0.00          |                    |
| 5920.50† | 27.077          | 255.675     | 5426.21  | 1007.09        | -418.53    | -2120.34  | 3234120.38        | 1244351.07         | 40.0011008 | -104.6642883 | 0.00          |                    |
| 6020.50† | 27.077          | 255.675     | 5515.25  | 1030.49        | -429.80    | -2164.44  | 3234076.38        | 1244339.39         | 40.0010699 | -104.6644458 | 0.00          |                    |
| 6120.50† | 27.077          | 255.675     | 5604.29  | 1053.89        | -441.06    | -2208.55  | 3234032.39        | 1244327.71         | 40.0010390 | -104.6646032 | 0.00          |                    |
| 6220.50† | 27.077          | 255.675     | 5693.33  | 1077.28        | -452.32    | -2252.65  | 3233988.40        | 1244316.03         | 40.0010081 | -104.6647606 | 0.00          |                    |
| 6320.50† | 27.077          | 255.675     | 5782.37  | 1100.68        | -463.58    | -2296.75  | 3233944.41        | 1244304.35         | 40.0009771 | -104.6649180 | 0.00          |                    |
| 6420.50† | 27.077          | 255.675     | 5871.41  | 1124.08        | -474.85    | -2340.85  | 3233900.42        | 1244292.67         | 40.0009462 | -104.6650754 | 0.00          |                    |
| 6520.50† | 27.077          | 255.675     | 5960.45  | 1147.48        | -486.11    | -2384.96  | 3233856.42        | 1244280.99         | 40.0009153 | -104.6652328 | 0.00          |                    |
| 6620.50† | 27.077          | 255.675     | 6049.49  | 1170.87        | -497.37    | -2429.06  | 3233812.43        | 1244269.31         | 40.0008843 | -104.6653903 | 0.00          |                    |
| 6720.50† | 27.077          | 255.675     | 6138.53  | 1194.27        | -508.63    | -2473.16  | 3233768.44        | 1244257.63         | 40.0008534 | -104.6655477 | 0.00          |                    |
| 6820.50† | 27.077          | 255.675     | 6227.57  | 1217.67        | -519.90    | -2517.26  | 3233724.45        | 1244245.94         | 40.0008225 | -104.6657051 | 0.00          |                    |
| 6920.50† | 27.077          | 255.675     | 6316.61  | 1241.07        | -531.16    | -2561.37  | 3233680.46        | 1244234.26         | 40.0007916 | -104.6658625 | 0.00          |                    |
| 7020.50† | 27.077          | 255.675     | 6405.65  | 1264.46        | -542.42    | -2605.47  | 3233636.46        | 1244222.58         | 40.0007606 | -104.6660199 | 0.00          |                    |
| 7120.50† | 27.077          | 255.675     | 6494.69  | 1287.86        | -553.68    | -2649.57  | 3233592.47        | 1244210.90         | 40.0007297 | -104.6661773 | 0.00          |                    |
| 7220.50† | 27.077          | 255.675     | 6583.73  | 1311.26        | -564.95    | -2693.68  | 3233548.48        | 1244199.22         | 40.0006988 | -104.6663347 | 0.00          |                    |
| 7320.50† | 27.077          | 255.675     | 6672.77  | 1334.66        | -576.21    | -2737.78  | 3233504.49        | 1244187.54         | 40.0006678 | -104.6664922 | 0.00          |                    |
| 7420.50† | 27.077          | 255.675     | 6761.81  | 1358.06        | -587.47    | -2781.88  | 3233460.50        | 1244175.86         | 40.0006369 | -104.6666496 | 0.00          |                    |
| 7520.50† | 27.077          | 255.675     | 6850.85  | 1381.45        | -598.73    | -2825.98  | 3233416.50        | 1244164.18         | 40.0006060 | -104.6668070 | 0.00          |                    |
| 7620.50† | 27.077          | 255.675     | 6939.89  | 1404.85        | -610.00    | -2870.09  | 3233372.51        | 1244152.50         | 40.0005751 | -104.6669644 | 0.00          |                    |
| 7697.91  | 27.077          | 255.675     | 7008.81  | 1422.96        | -618.71    | -2904.22  | 3233338.46        | 1244143.46         | 40.0005511 | -104.6670863 | 0.00          | KOP                |
| 7720.50† | 27.799          | 250.001     | 7028.86  | 1428.75        | -621.79    | -2914.16  | 3233328.55        | 1244140.29         | 40.0005427 | -104.6671217 | 12.00         |                    |
| 7820.50† | 33.347          | 228.914     | 7115.18  | 1466.02        | -647.92    | -2956.95  | 3233286.02        | 1244113.75         | 40.0004709 | -104.6672744 | 12.00         |                    |
| 7920.50† | 41.443          | 214.228     | 7194.72  | 1520.99        | -693.51    | -2996.42  | 3233246.98        | 1244067.78         | 40.0003457 | -104.6674153 | 12.00         |                    |
| 8020.50† | 50.868          | 203.878     | 7264.01  | 1591.26        | -756.57    | -3030.86  | 3233213.14        | 1244004.40         | 40.0001726 | -104.6675382 | 12.00         |                    |
| 8120.50† | 60.986          | 196.063     | 7320.02  | 1673.76        | -834.34    | -3058.76  | 3233185.98        | 1243926.38         | 39.9999592 | -104.6676378 | 12.00         |                    |

# Planned Wellpath Report

Desha 4-7-3L PWP Rev-A.0

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| REFERENCE WELLPATH IDENTIFICATION |   |           |                  |
|-----------------------------------|---|-----------|------------------|
| Operator                          | CONFLUENCE RESOURCES                            | Well      | Desha 4-7-3L     |
| Field                             | WELD COUNTY (NAD83, TRUE NORTH)                 | API/Legal |                  |
| Facility                          | SEC.34-T01N-R65W                                | Wellbore  | Desha 4-7-3L PWB |
| Slot                              | SLOT#12 Desha 4-7-3L (620'FSL & 793'FWL,SEC.34) |           |                  |

## WELLPATH DATA (188 stations) † = interpolated, ‡ = extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude   | Longitude    | DLS<br>[°/100ft] | Comments |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|------------|--------------|------------------|----------|
| 8220.50†   | 71.473             | 189.676        | 7360.30     | 1764.88           | -923.42       | -3078.90     | 3233166.69           | 1243837.12            | 39.9997146 | -104.6677096 | 12.00            |          |
| 8320.50†   | 82.150             | 184.041        | 7383.10     | 1860.64           | -1019.91      | -3090.40     | 3233156.11           | 1243740.52            | 39.9994497 | -104.6677506 | 12.00            |          |
| 8393.55    | 90.000             | 180.127        | 7388.10†    | 1931.11           | -1092.67      | -3093.04     | 3233154.17           | 1243667.74            | 39.9992500 | -104.6677600 | 12.00            | LANDING  |
| 8420.50†   | 90.000             | 180.127        | 7388.10     | 1956.96           | -1119.62      | -3093.10     | 3233154.36           | 1243640.79            | 39.9991760 | -104.6677602 | 0.00             |          |
| 8520.50†   | 90.000             | 180.127        | 7388.10     | 2052.85           | -1219.62      | -3093.32     | 3233155.09           | 1243540.80            | 39.9989015 | -104.6677610 | 0.00             |          |
| 8620.50†   | 90.000             | 180.127        | 7388.10     | 2148.74           | -1319.62      | -3093.54     | 3233155.82           | 1243440.80            | 39.9986270 | -104.6677617 | 0.00             |          |
| 8720.50†   | 90.000             | 180.127        | 7388.10     | 2244.63           | -1419.62      | -3093.77     | 3233156.55           | 1243340.81            | 39.9983525 | -104.6677624 | 0.00             |          |
| 8820.50†   | 90.000             | 180.127        | 7388.10     | 2340.53           | -1519.62      | -3093.99     | 3233157.28           | 1243240.82            | 39.9980780 | -104.6677632 | 0.00             |          |
| 8920.50†   | 90.000             | 180.127        | 7388.10     | 2436.42           | -1619.62      | -3094.21     | 3233158.00           | 1243140.82            | 39.9978035 | -104.6677639 | 0.00             |          |
| 9020.50†   | 90.000             | 180.127        | 7388.10     | 2532.31           | -1719.62      | -3094.43     | 3233158.73           | 1243040.83            | 39.9975290 | -104.6677647 | 0.00             |          |
| 9120.50†   | 90.000             | 180.127        | 7388.10     | 2628.20           | -1819.62      | -3094.66     | 3233159.46           | 1242940.83            | 39.9972545 | -104.6677654 | 0.00             |          |
| 9220.50†   | 90.000             | 180.127        | 7388.10     | 2724.09           | -1919.62      | -3094.88     | 3233160.19           | 1242840.84            | 39.9969799 | -104.6677662 | 0.00             |          |
| 9320.50†   | 90.000             | 180.127        | 7388.10     | 2819.99           | -2019.62      | -3095.10     | 3233160.92           | 1242740.85            | 39.9967054 | -104.6677669 | 0.00             |          |
| 9420.50†   | 90.000             | 180.127        | 7388.10     | 2915.88           | -2119.62      | -3095.32     | 3233161.65           | 1242640.85            | 39.9964309 | -104.6677677 | 0.00             |          |
| 9520.50†   | 90.000             | 180.127        | 7388.10     | 3011.77           | -2219.62      | -3095.55     | 3233162.38           | 1242540.86            | 39.9961564 | -104.6677684 | 0.00             |          |
| 9620.50†   | 90.000             | 180.127        | 7388.10     | 3107.66           | -2319.62      | -3095.77     | 3233163.11           | 1242440.87            | 39.9958819 | -104.6677692 | 0.00             |          |
| 9720.50†   | 90.000             | 180.127        | 7388.10     | 3203.55           | -2419.62      | -3095.99     | 3233163.83           | 1242340.87            | 39.9956074 | -104.6677699 | 0.00             |          |
| 9820.50†   | 90.000             | 180.127        | 7388.10     | 3299.45           | -2519.62      | -3096.21     | 3233164.56           | 1242240.88            | 39.9953329 | -104.6677707 | 0.00             |          |
| 9920.50†   | 90.000             | 180.127        | 7388.10     | 3395.34           | -2619.62      | -3096.44     | 3233165.29           | 1242140.88            | 39.9950584 | -104.6677714 | 0.00             |          |
| 10020.50†  | 90.000             | 180.127        | 7388.10     | 3491.23           | -2719.62      | -3096.66     | 3233166.02           | 1242040.89            | 39.9947839 | -104.6677722 | 0.00             |          |
| 10120.50†  | 90.000             | 180.127        | 7388.10     | 3587.12           | -2819.62      | -3096.88     | 3233166.75           | 1241940.90            | 39.9945094 | -104.6677729 | 0.00             |          |
| 10220.50†  | 90.000             | 180.127        | 7388.10     | 3683.01           | -2919.62      | -3097.10     | 3233167.48           | 1241840.90            | 39.9942349 | -104.6677737 | 0.00             |          |
| 10320.50†  | 90.000             | 180.127        | 7388.10     | 3778.90           | -3019.62      | -3097.32     | 3233168.21           | 1241740.91            | 39.9939604 | -104.6677744 | 0.00             |          |
| 10420.50†  | 90.000             | 180.127        | 7388.10     | 3874.80           | -3119.62      | -3097.55     | 3233168.93           | 1241640.92            | 39.9936858 | -104.6677752 | 0.00             |          |
| 10520.50†  | 90.000             | 180.127        | 7388.10     | 3970.69           | -3219.62      | -3097.77     | 3233169.66           | 1241540.92            | 39.9934113 | -104.6677759 | 0.00             |          |
| 10620.50†  | 90.000             | 180.127        | 7388.10     | 4066.58           | -3319.62      | -3097.99     | 3233170.39           | 1241440.93            | 39.9931368 | -104.6677767 | 0.00             |          |
| 10720.50†  | 90.000             | 180.127        | 7388.10     | 4162.47           | -3419.62      | -3098.21     | 3233171.12           | 1241340.93            | 39.9928623 | -104.6677774 | 0.00             |          |
| 10820.50†  | 90.000             | 180.127        | 7388.10     | 4258.36           | -3519.62      | -3098.44     | 3233171.85           | 1241240.94            | 39.9925878 | -104.6677782 | 0.00             |          |
| 10920.50†  | 90.000             | 180.127        | 7388.10     | 4354.26           | -3619.62      | -3098.66     | 3233172.58           | 1241140.95            | 39.9923133 | -104.6677789 | 0.00             |          |
| 11020.50†  | 90.000             | 180.127        | 7388.10     | 4450.15           | -3719.62      | -3098.88     | 3233173.31           | 1241040.95            | 39.9920388 | -104.6677797 | 0.00             |          |
| 11120.50†  | 90.000             | 180.127        | 7388.10     | 4546.04           | -3819.62      | -3099.10     | 3233174.03           | 1240940.96            | 39.9917643 | -104.6677804 | 0.00             |          |
| 11220.50†  | 90.000             | 180.127        | 7388.10     | 4641.93           | -3919.61      | -3099.33     | 3233174.76           | 1240840.97            | 39.9914898 | -104.6677812 | 0.00             |          |
| 11320.50†  | 90.000             | 180.127        | 7388.10     | 4737.82           | -4019.61      | -3099.55     | 3233175.49           | 1240740.97            | 39.9912153 | -104.6677819 | 0.00             |          |
| 11420.50†  | 90.000             | 180.127        | 7388.10     | 4833.72           | -4119.61      | -3099.77     | 3233176.22           | 1240640.98            | 39.9909408 | -104.6677827 | 0.00             |          |
| 11520.50†  | 90.000             | 180.127        | 7388.10     | 4929.61           | -4219.61      | -3099.99     | 3233176.95           | 1240540.98            | 39.9906662 | -104.6677834 | 0.00             |          |
| 11620.50†  | 90.000             | 180.127        | 7388.10     | 5025.50           | -4319.61      | -3100.21     | 3233177.68           | 1240440.99            | 39.9903917 | -104.6677842 | 0.00             |          |
| 11720.50†  | 90.000             | 180.127        | 7388.10     | 5121.39           | -4419.61      | -3100.44     | 3233178.41           | 1240341.00            | 39.9901172 | -104.6677849 | 0.00             |          |
| 11820.50†  | 90.000             | 180.127        | 7388.10     | 5217.28           | -4519.61      | -3100.66     | 3233179.13           | 1240241.00            | 39.9898427 | -104.6677857 | 0.00             |          |
| 11920.50†  | 90.000             | 180.127        | 7388.10     | 5313.18           | -4619.61      | -3100.88     | 3233179.86           | 1240141.01            | 39.9895682 | -104.6677864 | 0.00             |          |
| 12020.50†  | 90.000             | 180.127        | 7388.10     | 5409.07           | -4719.61      | -3101.10     | 3233180.59           | 1240041.02            | 39.9892937 | -104.6677872 | 0.00             |          |
| 12120.50†  | 90.000             | 180.127        | 7388.10     | 5504.96           | -4819.61      | -3101.33     | 3233181.32           | 1239941.02            | 39.9890192 | -104.6677879 | 0.00             |          |
| 12220.50†  | 90.000             | 180.127        | 7388.10     | 5600.85           | -4919.61      | -3101.55     | 3233182.05           | 1239841.03            | 39.9887447 | -104.6677887 | 0.00             |          |
| 12320.50†  | 90.000             | 180.127        | 7388.10     | 5696.74           | -5019.61      | -3101.77     | 3233182.78           | 1239741.03            | 39.9884702 | -104.6677894 | 0.00             |          |
| 12420.50†  | 90.000             | 180.127        | 7388.10     | 5792.64           | -5119.61      | -3101.99     | 3233183.51           | 1239641.04            | 39.9881957 | -104.6677902 | 0.00             |          |
| 12520.50†  | 90.000             | 180.127        | 7388.10     | 5888.53           | -5219.61      | -3102.22     | 3233184.23           | 1239541.05            | 39.9879212 | -104.6677909 | 0.00             |          |



# Planned Wellpath Report

Desha 4-7-3L PWP Rev-A.0

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## REFERENCE WELLPATH IDENTIFICATION

|          |   |           |                  |
|----------|---|-----------|------------------|
| Operator | CONFLUENCE RESOURCES                            | Well      | Desha 4-7-3L     |
| Field    | WELD COUNTY (NAD83, TRUE NORTH)                 | API/Legal |                  |
| Facility | SEC.34-T01N-R65W                                | Wellbore  | Desha 4-7-3L PWB |
| Slot     | SLOT#12 Desha 4-7-3L (620'FSL & 793'FWL,SEC.34) |           |                  |

## WELLPATH DATA (188 stations) † = interpolated, ‡ = extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude   | Longitude    | DLS<br>[°/100ft] | Comments |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|------------|--------------|------------------|----------|
| 12620.50†  | 90.000             | 180.127        | 7388.10     | 5984.42           | -5319.61      | -3102.44     | 3233184.96           | 1239441.05            | 39.9876467 | -104.6677917 | 0.00             |          |
| 12720.50†  | 90.000             | 180.127        | 7388.10     | 6080.31           | -5419.61      | -3102.66     | 3233185.69           | 1239341.06            | 39.9873721 | -104.6677924 | 0.00             |          |
| 12820.50†  | 90.000             | 180.127        | 7388.10     | 6176.20           | -5519.61      | -3102.88     | 3233186.42           | 1239241.07            | 39.9870976 | -104.6677932 | 0.00             |          |
| 12920.50†  | 90.000             | 180.127        | 7388.10     | 6272.10           | -5619.61      | -3103.11     | 3233187.15           | 1239141.07            | 39.9868231 | -104.6677939 | 0.00             |          |
| 13020.50†  | 90.000             | 180.127        | 7388.10     | 6367.99           | -5719.61      | -3103.33     | 3233187.88           | 1239041.08            | 39.9865486 | -104.6677947 | 0.00             |          |
| 13120.50†  | 90.000             | 180.127        | 7388.10     | 6463.88           | -5819.61      | -3103.55     | 3233188.61           | 1238941.08            | 39.9862741 | -104.6677954 | 0.00             |          |
| 13220.50†  | 90.000             | 180.127        | 7388.10     | 6559.77           | -5919.61      | -3103.77     | 3233189.34           | 1238841.09            | 39.9859996 | -104.6677962 | 0.00             |          |
| 13320.50†  | 90.000             | 180.127        | 7388.10     | 6655.66           | -6019.61      | -3103.99     | 3233190.06           | 1238741.10            | 39.9857251 | -104.6677969 | 0.00             |          |
| 13420.50†  | 90.000             | 180.127        | 7388.10     | 6751.55           | -6119.61      | -3104.22     | 3233190.79           | 1238641.10            | 39.9854506 | -104.6677977 | 0.00             |          |
| 13520.50†  | 90.000             | 180.127        | 7388.10     | 6847.45           | -6219.61      | -3104.44     | 3233191.52           | 1238541.11            | 39.9851761 | -104.6677984 | 0.00             |          |
| 13620.50†  | 90.000             | 180.127        | 7388.10     | 6943.34           | -6319.61      | -3104.66     | 3233192.25           | 1238441.12            | 39.9849016 | -104.6677991 | 0.00             |          |
| 13720.50†  | 90.000             | 180.127        | 7388.10     | 7039.23           | -6419.61      | -3104.88     | 3233192.98           | 1238341.12            | 39.9846271 | -104.6677999 | 0.00             |          |
| 13820.50†  | 90.000             | 180.127        | 7388.10     | 7135.12           | -6519.61      | -3105.11     | 3233193.71           | 1238241.13            | 39.9843526 | -104.6678006 | 0.00             |          |
| 13920.50†  | 90.000             | 180.127        | 7388.10     | 7231.01           | -6619.61      | -3105.33     | 3233194.44           | 1238141.13            | 39.9840780 | -104.6678014 | 0.00             |          |
| 14020.50†  | 90.000             | 180.127        | 7388.10     | 7326.91           | -6719.61      | -3105.55     | 3233195.16           | 1238041.14            | 39.9838035 | -104.6678021 | 0.00             |          |
| 14120.50†  | 90.000             | 180.127        | 7388.10     | 7422.80           | -6819.61      | -3105.77     | 3233195.89           | 1237941.15            | 39.9835290 | -104.6678029 | 0.00             |          |
| 14220.50†  | 90.000             | 180.127        | 7388.10     | 7518.69           | -6919.61      | -3106.00     | 3233196.62           | 1237841.15            | 39.9832545 | -104.6678036 | 0.00             |          |
| 14320.50†  | 90.000             | 180.127        | 7388.10     | 7614.58           | -7019.61      | -3106.22     | 3233197.35           | 1237741.16            | 39.9829800 | -104.6678044 | 0.00             |          |
| 14420.50†  | 90.000             | 180.127        | 7388.10     | 7710.47           | -7119.61      | -3106.44     | 3233198.08           | 1237641.17            | 39.9827055 | -104.6678051 | 0.00             |          |
| 14520.50†  | 90.000             | 180.127        | 7388.10     | 7806.37           | -7219.61      | -3106.66     | 3233198.81           | 1237541.17            | 39.9824310 | -104.6678059 | 0.00             |          |
| 14620.50†  | 90.000             | 180.127        | 7388.10     | 7902.26           | -7319.61      | -3106.88     | 3233199.54           | 1237441.18            | 39.9821565 | -104.6678066 | 0.00             |          |
| 14720.50†  | 90.000             | 180.127        | 7388.10     | 7998.15           | -7419.61      | -3107.11     | 3233200.26           | 1237341.18            | 39.9818820 | -104.6678074 | 0.00             |          |
| 14820.50†  | 90.000             | 180.127        | 7388.10     | 8094.04           | -7519.61      | -3107.33     | 3233200.99           | 1237241.19            | 39.9816075 | -104.6678081 | 0.00             |          |
| 14920.50†  | 90.000             | 180.127        | 7388.10     | 8189.93           | -7619.61      | -3107.55     | 3233201.72           | 1237141.20            | 39.9813330 | -104.6678089 | 0.00             |          |
| 15020.50†  | 90.000             | 180.127        | 7388.10     | 8285.83           | -7719.61      | -3107.77     | 3233202.45           | 1237041.20            | 39.9810584 | -104.6678096 | 0.00             |          |
| 15120.50†  | 90.000             | 180.127        | 7388.10     | 8381.72           | -7819.61      | -3108.00     | 3233203.18           | 1236941.21            | 39.9807839 | -104.6678104 | 0.00             |          |
| 15220.50†  | 90.000             | 180.127        | 7388.10     | 8477.61           | -7919.60      | -3108.22     | 3233203.91           | 1236841.22            | 39.9805094 | -104.6678111 | 0.00             |          |
| 15320.50†  | 90.000             | 180.127        | 7388.10     | 8573.50           | -8019.60      | -3108.44     | 3233204.64           | 1236741.22            | 39.9802349 | -104.6678119 | 0.00             |          |
| 15420.50†  | 90.000             | 180.127        | 7388.10     | 8669.39           | -8119.60      | -3108.66     | 3233205.36           | 1236641.23            | 39.9799604 | -104.6678126 | 0.00             |          |
| 15520.50†  | 90.000             | 180.127        | 7388.10     | 8765.29           | -8219.60      | -3108.89     | 3233206.09           | 1236541.23            | 39.9796859 | -104.6678134 | 0.00             |          |
| 15620.50†  | 90.000             | 180.127        | 7388.10     | 8861.18           | -8319.60      | -3109.11     | 3233206.82           | 1236441.24            | 39.9794114 | -104.6678141 | 0.00             |          |
| 15720.50†  | 90.000             | 180.127        | 7388.10     | 8957.07           | -8419.60      | -3109.33     | 3233207.55           | 1236341.25            | 39.9791369 | -104.6678149 | 0.00             |          |
| 15820.50†  | 90.000             | 180.127        | 7388.10     | 9052.96           | -8519.60      | -3109.55     | 3233208.28           | 1236241.25            | 39.9788624 | -104.6678156 | 0.00             |          |
| 15920.50†  | 90.000             | 180.127        | 7388.10     | 9148.85           | -8619.60      | -3109.78     | 3233209.01           | 1236141.26            | 39.9785879 | -104.6678164 | 0.00             |          |
| 16020.50†  | 90.000             | 180.127        | 7388.10     | 9244.74           | -8719.60      | -3110.00     | 3233209.74           | 1236041.27            | 39.9783134 | -104.6678171 | 0.00             |          |
| 16120.50†  | 90.000             | 180.127        | 7388.10     | 9340.64           | -8819.60      | -3110.22     | 3233210.47           | 1235941.27            | 39.9780388 | -104.6678179 | 0.00             |          |
| 16220.50†  | 90.000             | 180.127        | 7388.10     | 9436.53           | -8919.60      | -3110.44     | 3233211.19           | 1235841.28            | 39.9777643 | -104.6678186 | 0.00             |          |
| 16320.50†  | 90.000             | 180.127        | 7388.10     | 9532.42           | -9019.60      | -3110.66     | 3233211.92           | 1235741.28            | 39.9774898 | -104.6678194 | 0.00             |          |
| 16420.50†  | 90.000             | 180.127        | 7388.10     | 9628.31           | -9119.60      | -3110.89     | 3233212.65           | 1235641.29            | 39.9772153 | -104.6678201 | 0.00             |          |
| 16520.50†  | 90.000             | 180.127        | 7388.10     | 9724.20           | -9219.60      | -3111.11     | 3233213.38           | 1235541.30            | 39.9769408 | -104.6678209 | 0.00             |          |
| 16620.50†  | 90.000             | 180.127        | 7388.10     | 9820.10           | -9319.60      | -3111.33     | 3233214.11           | 1235441.30            | 39.9766663 | -104.6678216 | 0.00             |          |
| 16720.50†  | 90.000             | 180.127        | 7388.10     | 9915.99           | -9419.60      | -3111.55     | 3233214.84           | 1235341.31            | 39.9763918 | -104.6678224 | 0.00             |          |
| 16820.50†  | 90.000             | 180.127        | 7388.10     | 10011.88          | -9519.60      | -3111.78     | 3233215.57           | 1235241.31            | 39.9761173 | -104.6678231 | 0.00             |          |
| 16920.50†  | 90.000             | 180.127        | 7388.10     | 10107.77          | -9619.60      | -3112.00     | 3233216.29           | 1235141.32            | 39.9758428 | -104.6678239 | 0.00             |          |
| 17020.50†  | 90.000             | 180.127        | 7388.10     | 10203.66          | -9719.60      | -3112.22     | 3233217.02           | 1235041.33            | 39.9755683 | -104.6678246 | 0.00             |          |

## REFERENCE WELLPATH IDENTIFICATION

|          |   |           |                  |
|----------|---|-----------|------------------|
| Operator | CONFLUENCE RESOURCES                            | Well      | Desha 4-7-3L     |
| Field    | WELD COUNTY (NAD83, TRUE NORTH)                 | API/Legal |                  |
| Facility | SEC.34-T01N-R65W                                | Wellbore  | Desha 4-7-3L PWB |
| Slot     | SLOT#12 Desha 4-7-3L (620'FSL & 793'FWL,SEC.34) |           |                  |

## WELLPATH DATA (188 stations) † = interpolated, ‡ = extrapolated station

| MD [ft]   | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude   | Longitude    | DLS [°/100ft] | Comments |
|-----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|------------|--------------|---------------|----------|
| 17120.50† | 90.000          | 180.127     | 7388.10  | 10299.56       | -9819.60   | -3112.44  | 3233217.75        | 1234941.33         | 39.9752938 | -104.6678254 | 0.00          |          |
| 17220.50† | 90.000          | 180.127     | 7388.10  | 10395.45       | -9919.60   | -3112.67  | 3233218.48        | 1234841.34         | 39.9750193 | -104.6678261 | 0.00          |          |
| 17320.50† | 90.000          | 180.127     | 7388.10  | 10491.34       | -10019.60  | -3112.89  | 3233219.21        | 1234741.35         | 39.9747447 | -104.6678269 | 0.00          |          |
| 17420.50† | 90.000          | 180.127     | 7388.10  | 10587.23       | -10119.60  | -3113.11  | 3233219.94        | 1234641.35         | 39.9744702 | -104.6678276 | 0.00          |          |
| 17520.50† | 90.000          | 180.127     | 7388.10  | 10683.12       | -10219.60  | -3113.33  | 3233220.67        | 1234541.36         | 39.9741957 | -104.6678283 | 0.00          |          |
| 17620.50† | 90.000          | 180.127     | 7388.10  | 10779.02       | -10319.60  | -3113.55  | 3233221.39        | 1234441.36         | 39.9739212 | -104.6678291 | 0.00          |          |
| 17720.50† | 90.000          | 180.127     | 7388.10  | 10874.91       | -10419.60  | -3113.78  | 3233222.12        | 1234341.37         | 39.9736467 | -104.6678298 | 0.00          |          |
| 17741.16  | 90.000          | 180.127     | 7388.10‡ | 10894.72       | -10440.26  | -3113.82  | 3233222.27        | 1234320.72         | 39.9735900 | -104.6678300 | 0.00          | TD       |

## HOLE & CASING SECTIONS - Ref Wellbore: Desha 4-7-3L PWB Ref Wellpath: Desha 4-7-3L PWP Rev-A.0

| 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] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 9.625in Casing Surface | 20.50         | 1521.51     | 1501.01       | 20.50          | 1500.00      | 0.00           | 0.00           | -46.64       | -174.06      |

## TARGETS

| Name  | MD [ft]  | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude   | Longitude    | Shape   |
|---|----------|----------|------------|-----------|-------------------|--------------------|------------|--------------|---------|
| SEC.04-T01S-R65W                                      | N/A      | 62.00    | 62.57      | -5625.49  | 3230610.94        | 1244798.80         | 40.0024200 | -104.6768000 | polygon |
| 2D Polygon: dimensions not calculated                 |          |          |            |           |                   |                    |            |              |         |
| SEC.04/09-T01S-R65W 470' SETBACK                      | N/A      | 62.00    | 62.57      | -5625.49  | 3230610.94        | 1244798.80         | 40.0024200 | -104.6768000 | polygon |
| 2D Polygon: dimensions not calculated                 |          |          |            |           |                   |                    |            |              |         |
| SEC.09-T01S-R65W                                      | N/A      | 62.00    | 62.57      | -5625.49  | 3230610.94        | 1244798.80         | 40.0024200 | -104.6768000 | polygon |
| 2D Polygon: dimensions not calculated                 |          |          |            |           |                   |                    |            |              |         |
| 2) Desha 4-7-3L BHL REV-1 (470'FSL & 2324'FEL,SEC.09) | 17741.16 | 7388.10  | -10440.26  | -3113.82  | 3233222.27        | 1234320.72         | 39.9735900 | -104.6678300 | point   |
| 1) Desha 4-7-3L LP REV-1 (470'FNL & 2324'FEL,SEC.04)  | 8393.55  | 7388.10  | -1092.67   | -3093.04  | 3233154.17        | 1243667.74         | 39.9992500 | -104.6677600 | point   |

## SURVEY PROGRAM - Ref Wellbore: Desha 4-7-3L PWB Ref Wellpath: Desha 4-7-3L PWP Rev-A.0

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model                     | Log Name/Comment | Wellbore         |
|---------------|-------------|--|------------------|------------------|
| 20.50         | 1521.51     | BH NaviTrak (2019) (Axial)                       |                  | Desha 4-7-3L PWB |
| 1521.51       | 17876.42    | BH AutoTrak Curve/eXpress (2019) (Short spacing) |                  | Desha 4-7-3L PWB |

# Planned Wellpath Report

Desha 4-7-3L PWP Rev-A.0

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## REFERENCE WELLPATH IDENTIFICATION

|          |   |           |                  |
|----------|---|-----------|------------------|
| Operator | CONFLUENCE RESOURCES                            | Well      | Desha 4-7-3L     |
| Field    | WELD COUNTY (NAD83, TRUE NORTH)                 | API/Legal |                  |
| Facility | SEC.34-T01N-R65W                                | Wellbore  | Desha 4-7-3L PWB |
| Slot     | SLOT#12 Desha 4-7-3L (620'FSL & 793'FWL,SEC.34) |           |                  |

## DESIGN COMMENTS

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Comment            |
|------------|--------------------|----------------|-------------|--------------------|
| 20.50      | 0.000              | 255.000        | 20.50       | Tie On             |
| 500.00     | 0.000              | 255.000        | 500.00      | End of Tangent     |
| 1850.00    | 27.000             | 255.000        | 1800.59     | End of Build (J)   |
| 1950.00    | 27.000             | 255.000        | 1889.69     | End of Tangent (J) |
| 2063.56    | 27.037             | 260.000        | 1990.86     | End of 3D Arc (J)  |
| 5563.56    | 27.037             | 260.000        | 5108.36     | End of Tangent (J) |
| 5661.93    | 27.077             | 255.675        | 5195.98     | Build (XS)         |
| 7697.91    | 27.077             | 255.675        | 7008.81     | KOP                |
| 8393.55    | 90.000             | 180.127        | 7388.10     | LANDING            |
| 17741.16   | 90.000             | 180.127        | 7388.10     | TD                 |