



# Actual Wellpath Report

Elliott 5H (L-003936) AWP Proj: 19390'  
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| REFERENCE WELLPATH IDENTIFICATION |                        |          |                           |
|-----------------------------------|------------------------|----------|---------------------------|
| Operator                          | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field                             | Marion                 | API      | 47-049-02501-00-00        |
| Facility                          | Elliott Pad            | Wellbore | Elliott 5H (L-003936) AWB |
| Slot                              | Slot 05                |          |                           |

| REPORT SETUP INFORMATION |   |                  |                          |
|--------------------------|---|------------------|--------------------------|
| Projection System        | NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet | Software System  | WellArchitect® 6.0       |
| North Reference          | Grid  | User             | Hilphop                  |
| Scale                    | 0.999942  | Report Generated | 8/26/2021 at 10:25:06 AM |
| Convergence at slot      | 0.56° West  | Database         | WA_MPL_EASTERNUS_Defn    |

| WELLPATH LOCATION     |                   |          |                  |                 |                        |                 |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|-----------------|
|                       | Local coordinates |          | Grid coordinates |                 | Geographic coordinates |                 |
|                       | North[ft]         | East[ft] | Easting[US ft]   | Northing[US ft] | Latitude               | Longitude       |
| Slot Location         | 27.63             | 11.67    | 1751183.90       | 381935.18       | 39°32'43.0113"N        | 80°22'56.3886"W |
| Facility Reference Pt |                   |          | 1751172.23       | 381907.55       | 39°32'42.7371"N        | 80°22'56.5342"W |
| Field Reference Pt    |                   |          | 1931053.01       | 433518.91       | 39°41'24.0000"N        | 79°44'42.0000"W |

| WELLPATH DATUM           |                     |   |                   |
|--------------------------|---------------------|---|-------------------|
| Calculation method       | Minimum curvature   | Patterson 292 (RKB) to Facility Vertical Datum        | 1370.00ft         |
| Horizontal Reference Pt  | Slot                | Patterson 292 (RKB) to Mean Sea Level                 | 1370.00ft         |
| Vertical Reference Pt    | Patterson 292 (RKB) | Patterson 292 (RKB) to Ground Level at Slot (Slot 05) | 28.00ft           |
| MD Reference Pt          | Patterson 292 (RKB) | Section Origin  | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level      | Section Azimuth                                       | 318.92°           |



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| Operator                          | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field                             | Marion                 | API      | 47-049-02501-00-00        |
| Facility                          | Elliot Pad             | Wellbore | Elliott 5H (L-003936) AWB |
| Slot                              | Slot 05                |          |                           |

| WELLPATH DATA (216 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       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] |
| 0.00†   | 0.000           | 229.090     | 0.00     | 0.00           | 0.00       | 0.00      | 1751183.90        | 381935.18          | 39°32'43.0113"N | 80°22'56.3886"W | 0.00              | 0.000           | 0.00          | 0.00                 | 0.00                |
| 28.00   | 0.000           | 229.090     | 28.00    | 0.00           | 0.00       | 0.00      | 1751183.90        | 381935.18          | 39°32'43.0113"N | 80°22'56.3886"W | 0.00              | 0.000           | 0.00          | 0.00                 | 0.00                |
| 115.00  | 0.070           | 229.090     | 115.00   | 0.00           | -0.03      | -0.04     | 1751183.86        | 381935.15          | 39°32'43.0110"N | 80°22'56.3892"W | 0.05              | 229.090         | 0.08          | 0.08                 | 0.00                |
| 215.00  | 0.120           | 215.850     | 215.00   | -0.02          | -0.16      | -0.15     | 1751183.75        | 381935.02          | 39°32'43.0097"N | 80°22'56.3905"W | 0.22              | 222.759         | 0.05          | 0.05                 | -13.24              |
| 315.00  | 0.070           | 281.760     | 315.00   | 0.00           | -0.23      | -0.27     | 1751183.63        | 381934.95          | 39°32'43.0090"N | 80°22'56.3920"W | 0.36              | 229.188         | 0.11          | -0.05                | 65.91               |
| 415.00  | 0.050           | 330.480     | 415.00   | 0.09           | -0.18      | -0.35     | 1751183.55        | 381935.00          | 39°32'43.0095"N | 80°22'56.3931"W | 0.39              | 242.571         | 0.05          | -0.02                | 48.72               |
| 515.00  | 0.160           | 190.450     | 515.00   | 0.05           | -0.28      | -0.40     | 1751183.50        | 381934.90          | 39°32'43.0085"N | 80°22'56.3937"W | 0.49              | 234.700         | 0.20          | 0.11                 | -140.03             |
| 615.00  | 0.320           | 172.550     | 615.00   | -0.27          | -0.70      | -0.39     | 1751183.51        | 381934.48          | 39°32'43.0044"N | 80°22'56.3935"W | 0.80              | 209.042         | 0.17          | 0.16                 | -17.90              |
| 715.00  | 0.190           | 233.400     | 715.00   | -0.49          | -1.07      | -0.48     | 1751183.42        | 381934.11          | 39°32'43.0007"N | 80°22'56.3947"W | 1.17              | 204.272         | 0.28          | -0.13                | 60.85               |
| 815.00  | 0.300           | 252.440     | 815.00   | -0.37          | -1.25      | -0.87     | 1751183.03        | 381933.93          | 39°32'42.9989"N | 80°22'56.3995"W | 1.52              | 214.728         | 0.14          | 0.11                 | 19.04               |
| 887.00  | 0.270           | 256.890     | 887.00   | -0.22          | -1.34      | -1.21     | 1751182.69        | 381933.84          | 39°32'42.9979"N | 80°22'56.4039"W | 1.81              | 222.006         | 0.05          | -0.04                | 6.18                |
| 1091.00   | 0.290           | 250.790     | 1090.99  | 0.20           | -1.62      | -2.17     | 1751181.73        | 381933.56          | 39°32'42.9950"N | 80°22'56.4161"W | 2.71              | 233.157         | 0.02          | 0.01                 | -2.99               |
| 1134.00   | 0.300           | 320.620     | 1133.99  | 0.35           | -1.57      | -2.34     | 1751181.56        | 381933.61          | 39°32'42.9955"N | 80°22'56.4183"W | 2.82              | 236.114         | 0.79          | 0.02                 | 162.40              |
| 1177.00   | 0.340           | 296.880     | 1176.99  | 0.58           | -1.43      | -2.53     | 1751181.37        | 381933.75          | 39°32'42.9969"N | 80°22'56.4207"W | 2.90              | 240.530         | 0.32          | 0.09                 | -55.21              |
| 1220.00   | 0.680           | 288.300     | 1219.99  | 0.92           | -1.29      | -2.88     | 1751181.02        | 381933.89          | 39°32'42.9983"N | 80°22'56.4253"W | 3.16              | 245.895         | 0.81          | 0.79                 | -19.95              |
| 1307.00   | 0.950           | 316.080     | 1306.98  | 2.09           | -0.61      | -3.87     | 1751180.03        | 381934.57          | 39°32'43.0049"N | 80°22'56.4380"W | 3.92              | 261.080         | 0.54          | 0.31                 | 31.93               |
| 1393.00   | 1.620           | 266.620     | 1392.96  | 3.54           | -0.17      | -5.58     | 1751178.32        | 381935.01          | 39°32'43.0091"N | 80°22'56.4599"W | 5.58              | 268.297         | 1.44          | 0.78                 | -57.51              |
| 1479.00   | 3.420           | 272.140     | 1478.88  | 6.04           | -0.14      | -9.36     | 1751174.54        | 381935.04          | 39°32'43.0090"N | 80°22'56.5081"W | 9.36              | 269.132         | 2.11          | 2.09                 | 6.42                |
| 1565.00   | 3.530           | 262.870     | 1564.72  | 9.28           | -0.37      | -14.55    | 1751169.35        | 381934.81          | 39°32'43.0062"N | 80°22'56.5743"W | 14.55             | 268.525         | 0.66          | 0.13                 | -10.78              |
| 1651.00   | 4.740           | 252.430     | 1650.49  | 12.17          | -1.78      | -20.56    | 1751163.34        | 381933.40          | 39°32'42.9918"N | 80°22'56.6509"W | 20.64             | 265.064         | 1.65          | 1.41                 | -12.14              |
| 1737.00   | 5.340           | 250.130     | 1736.16  | 15.04          | -4.21      | -27.71    | 1751156.19        | 381930.97          | 39°32'42.9670"N | 80°22'56.7419"W | 28.03             | 261.365         | 0.74          | 0.70                 | -2.67               |
| 1823.00   | 4.980           | 253.080     | 1821.81  | 18.01          | -6.66      | -35.05    | 1751148.85        | 381928.53          | 39°32'42.9421"N | 80°22'56.8352"W | 35.68             | 259.248         | 0.52          | -0.42                | 3.43                |
| 1910.00   | 3.760           | 261.350     | 1908.56  | 21.09          | -8.18      | -41.48    | 1751142.42        | 381927.00          | 39°32'42.9264"N | 80°22'56.9171"W | 42.28             | 258.840         | 1.57          | -1.40                | 9.51                |
| 1996.00   | 3.450           | 258.370     | 1994.39  | 23.87          | -9.13      | -46.80    | 1751137.10        | 381926.05          | 39°32'42.9165"N | 80°22'56.9849"W | 47.69             | 258.963         | 0.42          | -0.36                | -3.47               |
| 2082.00   | 3.480           | 264.640     | 2080.23  | 26.67          | -9.89      | -51.94    | 1751131.97        | 381925.29          | 39°32'42.9085"N | 80°22'57.0504"W | 52.87             | 259.214         | 0.44          | 0.03                 | 7.29                |
| 2169.00   | 3.860           | 259.750     | 2167.05  | 29.71          | -10.66     | -57.45    | 1751126.46        | 381924.52          | 39°32'42.9003"N | 80°22'57.1206"W | 58.43             | 259.486         | 0.57          | 0.44                 | -5.62               |
| 2255.00   | 3.620           | 258.140     | 2252.87  | 32.52          | -11.74     | -62.95    | 1751120.95        | 381923.45          | 39°32'42.8892"N | 80°22'57.1907"W | 64.04             | 259.440         | 0.30          | -0.28                | -1.87               |
| 2341.00   | 5.100           | 251.010     | 2338.62  | 35.28          | -13.54     | -69.23    | 1751114.68        | 381921.64          | 39°32'42.8708"N | 80°22'57.2706"W | 70.54             | 258.935         | 1.83          | 1.72                 | -8.29               |
| 2428.00   | 5.470           | 251.150     | 2425.25  | 38.31          | -16.14     | -76.81    | 1751107.10        | 381919.05          | 39°32'42.8444"N | 80°22'57.3670"W | 78.48             | 258.136         | 0.43          | 0.43                 | 0.16                |
| 2459.00   | 5.640           | 250.480     | 2456.10  | 39.43          | -17.12     | -79.64    | 1751104.26        | 381918.06          | 39°32'42.8344"N | 80°22'57.4031"W | 81.46             | 257.867         | 0.59          | 0.55                 | -2.16               |



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| Field                             | Marion                 | API      | 47-049-02501-00-00        |
| Facility                          | Elliott Pad            | Wellbore | Elliott 5H (L-003936) AWB |
| Slot                              | Slot 05                |          |                           |

| WELLPATH DATA (216 stations) |                 |             |          |                |            |           |                   |                    |                 |                 |                   |                 |               |                      |                     |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|
| MD [ft]                      | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] |
| 2549.00                      | 5.470           | 240.080     | 2545.68  | 41.88          | -20.74     | -87.53    | 1751096.38        | 381914.44          | 39°32'42.7978"N | 80°22'57.5033"W | 89.95             | 256.670         | 1.13          | -0.19                | -11.56              |
| 2592.00                      | 5.730           | 247.350     | 2588.48  | 42.96          | -22.59     | -91.28    | 1751092.62        | 381912.59          | 39°32'42.7792"N | 80°22'57.5510"W | 94.04             | 256.101         | 1.76          | 0.60                 | 16.91               |
| 2636.00                      | 6.870           | 245.090     | 2632.21  | 44.38          | -24.54     | -95.70    | 1751088.21        | 381910.64          | 39°32'42.7595"N | 80°22'57.6071"W | 98.79             | 255.616         | 2.65          | 2.59                 | -5.14               |
| 2679.00                      | 7.270           | 245.740     | 2674.89  | 45.89          | -26.74     | -100.51   | 1751083.40        | 381908.44          | 39°32'42.7372"N | 80°22'57.6683"W | 104.01            | 255.100         | 0.95          | 0.93                 | 1.51                |
| 2764.00                      | 8.480           | 229.000     | 2759.09  | 47.45          | -33.07     | -110.15   | 1751073.76        | 381902.12          | 39°32'42.6738"N | 80°22'57.7904"W | 115.00            | 253.290         | 3.04          | 1.42                 | -19.69              |
| 2850.00                      | 9.040           | 226.270     | 2844.09  | 47.15          | -41.90     | -119.81   | 1751064.09        | 381893.29          | 39°32'42.5856"N | 80°22'57.9127"W | 126.93            | 250.726         | 0.81          | 0.65                 | -3.17               |
| 2936.00                      | 8.790           | 208.780     | 2929.07  | 44.57          | -52.33     | -127.86   | 1751056.05        | 381882.85          | 39°32'42.4817"N | 80°22'58.0142"W | 138.15            | 247.743         | 3.15          | -0.29                | -20.34              |
| 3022.00                      | 9.680           | 197.570     | 3013.96  | 38.55          | -64.98     | -133.21   | 1751050.70        | 381870.20          | 39°32'42.3562"N | 80°22'58.0808"W | 148.21            | 243.996         | 2.33          | 1.03                 | -13.03              |
| 3108.00                      | 10.480          | 198.700     | 3098.63  | 30.85          | -79.28     | -137.90   | 1751046.01        | 381855.90          | 39°32'42.2144"N | 80°22'58.1389"W | 159.07            | 240.104         | 0.96          | 0.93                 | 1.31                |
| 3195.00                      | 12.340          | 197.820     | 3183.91  | 22.07          | -95.63     | -143.28   | 1751040.63        | 381839.56          | 39°32'42.0523"N | 80°22'58.2055"W | 172.26            | 236.280         | 2.15          | 2.14                 | -1.01               |
| 3281.00                      | 13.000          | 198.620     | 3267.81  | 12.44          | -113.55    | -149.18   | 1751034.73        | 381821.64          | 39°32'41.8747"N | 80°22'58.2786"W | 187.48            | 232.724         | 0.79          | 0.77                 | 0.93                |
| 3367.00                      | 14.370          | 204.480     | 3351.37  | 3.14           | -132.43    | -156.69   | 1751027.22        | 381802.76          | 39°32'41.6873"N | 80°22'58.3721"W | 205.16            | 229.798         | 2.26          | 1.59                 | 6.81                |
| 3453.00                      | 15.410          | 204.600     | 3434.48  | -5.98          | -152.53    | -165.87   | 1751018.04        | 381782.66          | 39°32'41.4878"N | 80°22'58.4868"W | 225.34            | 227.400         | 1.21          | 1.21                 | 0.14                |
| 3540.00                      | 17.170          | 201.040     | 3517.99  | -16.75         | -175.03    | -175.29   | 1751008.62        | 381760.16          | 39°32'41.2645"N | 80°22'58.6042"W | 247.71            | 225.044         | 2.33          | 2.02                 | -4.09               |
| 3626.00                      | 17.790          | 206.260     | 3600.02  | -27.74         | -198.66    | -185.67   | 1750998.25        | 381736.53          | 39°32'41.0300"N | 80°22'58.7336"W | 271.91            | 223.064         | 1.96          | 0.72                 | 6.07                |
| 3712.00                      | 19.860          | 208.640     | 3681.42  | -37.87         | -223.26    | -198.48   | 1750985.43        | 381711.93          | 39°32'40.7856"N | 80°22'58.8941"W | 298.73            | 221.637         | 2.57          | 2.41                 | 2.77                |
| 3799.00                      | 22.230          | 209.280     | 3762.61  | -48.52         | -250.59    | -213.62   | 1750970.30        | 381684.60          | 39°32'40.5140"N | 80°22'59.0839"W | 329.28            | 220.446         | 2.74          | 2.72                 | 0.74                |
| 3885.00                      | 24.630          | 208.700     | 3841.52  | -60.19         | -280.50    | -230.18   | 1750953.73        | 381654.69          | 39°32'40.2168"N | 80°22'59.2916"W | 362.86            | 219.372         | 2.80          | 2.79                 | -0.67               |
| 3971.00                      | 26.050          | 205.980     | 3919.24  | -73.74         | -313.20    | -247.06   | 1750936.86        | 381622.00          | 39°32'39.8920"N | 80°22'59.5029"W | 398.92            | 218.267         | 2.13          | 1.65                 | -3.16               |
| 4058.00                      | 25.450          | 210.110     | 3997.61  | -87.22         | -346.55    | -264.81   | 1750919.11        | 381588.65          | 39°32'39.5607"N | 80°22'59.7253"W | 436.14            | 217.384         | 2.17          | -0.69                | 4.75                |
| 4144.00                      | 24.150          | 207.980     | 4075.68  | -99.46         | -378.07    | -282.33   | 1750901.59        | 381557.13          | 39°32'39.2475"N | 80°22'59.9450"W | 471.86            | 216.751         | 1.83          | -1.51                | -2.48               |
| 4230.00                      | 24.530          | 209.490     | 4154.03  | -111.69        | -409.15    | -299.37   | 1750884.54        | 381526.06          | 39°32'38.9387"N | 80°23'0.1586"W  | 506.98            | 216.193         | 0.85          | 0.44                 | 1.76                |
| 4316.00                      | 24.940          | 210.260     | 4232.14  | -123.43        | -440.35    | -317.30   | 1750866.62        | 381494.86          | 39°32'38.6286"N | 80°23'0.3835"W  | 542.76            | 215.775         | 0.61          | 0.48                 | 0.90                |
| 4402.00                      | 24.320          | 209.780     | 4310.32  | -135.04        | -471.38    | -335.23   | 1750848.69        | 381463.83          | 39°32'38.3202"N | 80°23'0.6085"W  | 578.43            | 215.419         | 0.76          | -0.72                | -0.56               |
| 4488.00                      | 23.080          | 206.840     | 4389.07  | -147.18        | -501.79    | -351.64   | 1750832.28        | 381433.42          | 39°32'38.0180"N | 80°23'0.8141"W  | 612.74            | 215.021         | 1.99          | -1.44                | -3.42               |
| 4575.00                      | 21.500          | 208.110     | 4469.56  | -159.26        | -531.07    | -366.85   | 1750817.07        | 381404.14          | 39°32'37.7272"N | 80°23'1.0046"W  | 645.46            | 214.636         | 1.90          | -1.82                | 1.46                |
| 4661.00                      | 19.960          | 213.640     | 4550.00  | -168.72        | -557.20    | -382.41   | 1750801.51        | 381378.02          | 39°32'37.4675"N | 80°23'1.1999"W  | 675.80            | 214.462         | 2.89          | -1.79                | 6.43                |
| 4746.00                      | 19.990          | 217.680     | 4629.89  | -175.38        | -580.78    | -399.33   | 1750784.59        | 381354.44          | 39°32'37.2328"N | 80°23'1.4129"W  | 704.82            | 214.512         | 1.62          | 0.04                 | 4.75                |
| 4832.00                      | 20.750          | 219.670     | 4710.51  | -180.69        | -604.14    | -418.04   | 1750765.88        | 381331.08          | 39°32'37.0001"N | 80°23'1.6488"W  | 734.67            | 214.682         | 1.20          | 0.88                 | 2.31                |
| 4919.00                      | 21.290          | 219.580     | 4791.72  | -185.74        | -628.17    | -437.94   | 1750745.98        | 381307.04          | 39°32'36.7606"N | 80°23'1.8998"W  | 765.76            | 214.883         | 0.62          | 0.62                 | -0.10               |



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## REFERENCE WELLPATH IDENTIFICATION

|          |                        |          |                           |
|----------|------------------------|----------|---------------------------|
| Operator | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field    | Marion                 | API      | 47-049-02501-00-00        |
| Facility | Elliot Pad             | Wellbore | Elliott 5H (L-003936) AWB |
| Slot     | Slot 05                |          |                           |

## WELLPATH DATA (216 stations)

| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] |
|---------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|
| 4996.00 | 22.200          | 223.280     | 4863.25  | -189.43        | -649.54    | -456.82   | 1750727.10        | 381285.68          | 39°32'36.5476"N | 80°23'2.1381"W  | 794.10            | 215.119         | 2.14          | 1.18                 | 4.81                |
| 5083.00 | 23.010          | 226.730     | 4943.57  | -191.70        | -673.16    | -480.47   | 1750703.46        | 381262.06          | 39°32'36.3119"N | 80°23'2.4371"W  | 827.04            | 215.518         | 1.79          | 0.93                 | 3.97                |
| 5169.00 | 22.670          | 229.540     | 5022.83  | -192.16        | -695.44    | -505.32   | 1750678.61        | 381239.78          | 39°32'36.0893"N | 80°23'2.7514"W  | 859.64            | 216.003         | 1.33          | -0.40                | 3.27                |
| 5255.00 | 21.780          | 229.860     | 5102.44  | -191.72        | -716.48    | -530.13   | 1750653.80        | 381218.74          | 39°32'35.8790"N | 80°23'3.0654"W  | 891.28            | 216.498         | 1.04          | -1.03                | 0.37                |
| 5341.00 | 24.740          | 233.180     | 5181.44  | -190.12        | -737.55    | -556.74   | 1750627.19        | 381197.67          | 39°32'35.6681"N | 80°23'3.4024"W  | 924.09            | 217.047         | 3.76          | 3.44                 | 3.86                |
| 5427.00 | 26.370          | 240.390     | 5259.04  | -184.99        | -757.78    | -587.76   | 1750596.17        | 381177.44          | 39°32'35.4652"N | 80°23'3.7958"W  | 959.01            | 217.798         | 4.08          | 1.90                 | 8.38                |
| 5514.00 | 25.910          | 244.530     | 5337.15  | -176.03        | -775.50    | -621.72   | 1750562.22        | 381159.72          | 39°32'35.2867"N | 80°23'4.2271"W  | 993.95            | 218.719         | 2.16          | -0.53                | 4.76                |
| 5600.00 | 25.350          | 245.520     | 5414.69  | -165.71        | -791.21    | -655.44   | 1750528.50        | 381144.01          | 39°32'35.1282"N | 80°23'4.6555"W  | 1027.43           | 219.638         | 0.82          | -0.65                | 1.15                |
| 5686.00 | 26.460          | 246.190     | 5492.05  | -154.76        | -806.58    | -689.73   | 1750494.22        | 381128.65          | 39°32'34.9730"N | 80°23'5.0912"W  | 1061.27           | 220.535         | 1.33          | 1.29                 | 0.78                |
| 5772.00 | 27.610          | 247.600     | 5568.65  | -142.69        | -821.91    | -725.68   | 1750458.26        | 381113.32          | 39°32'34.8180"N | 80°23'5.5482"W  | 1096.42           | 221.442         | 1.53          | 1.34                 | 1.64                |
| 5859.00 | 27.130          | 246.650     | 5645.91  | -130.20        | -837.45    | -762.53   | 1750421.41        | 381097.78          | 39°32'34.6608"N | 80°23'6.0166"W  | 1132.60           | 222.319         | 0.75          | -0.55                | -1.09               |
| 5945.00 | 26.320          | 243.430     | 5722.73  | -119.45        | -853.75    | -797.59   | 1750386.36        | 381081.48          | 39°32'34.4963"N | 80°23'6.4620"W  | 1168.35           | 223.052         | 1.93          | -0.94                | -3.74               |
| 6031.00 | 26.190          | 246.110     | 5799.86  | -109.06        | -869.97    | -832.00   | 1750351.96        | 381065.27          | 39°32'34.3327"N | 80°23'6.8991"W  | 1203.77           | 223.722         | 1.39          | -0.15                | 3.12                |
| 6117.00 | 26.240          | 247.400     | 5877.01  | -97.43         | -884.96    | -866.90   | 1750317.05        | 381050.27          | 39°32'34.1811"N | 80°23'7.3428"W  | 1238.82           | 224.409         | 0.67          | 0.06                 | 1.50                |
| 6204.00 | 26.760          | 247.530     | 5954.87  | -85.08         | -899.84    | -902.75   | 1750281.20        | 381035.40          | 39°32'34.0306"N | 80°23'7.7986"W  | 1274.63           | 225.093         | 0.60          | 0.60                 | 0.15                |
| 6289.00 | 27.160          | 246.330     | 6030.64  | -73.17         | -914.94    | -938.21   | 1750245.75        | 381020.30          | 39°32'33.8779"N | 80°23'8.2492"W  | 1310.47           | 225.719         | 0.79          | 0.47                 | -1.41               |
| 6376.00 | 27.650          | 243.330     | 6107.88  | -62.20         | -931.97    | -974.43   | 1750209.53        | 381003.26          | 39°32'33.7060"N | 80°23'8.7094"W  | 1348.37           | 226.276         | 1.68          | 0.56                 | -3.45               |
| 6462.00 | 27.860          | 239.780     | 6183.99  | -53.45         | -951.04    | -1009.63  | 1750174.33        | 380984.19          | 39°32'33.5141"N | 80°23'9.1563"W  | 1387.03           | 226.712         | 1.94          | 0.24                 | -4.13               |
| 6548.00 | 28.650          | 240.090     | 6259.74  | -45.67         | -971.44    | -1044.87  | 1750139.10        | 380963.80          | 39°32'33.3091"N | 80°23'9.6035"W  | 1426.69           | 227.086         | 0.93          | 0.92                 | 0.36                |
| 6634.00 | 27.670          | 241.290     | 6335.56  | -37.40         | -991.31    | -1080.25  | 1750103.71        | 380943.93          | 39°32'33.1093"N | 80°23'10.0526"W | 1466.17           | 227.458         | 1.32          | -1.14                | 1.40                |
| 6721.00 | 25.720          | 240.440     | 6413.28  | -29.30         | -1010.33   | -1114.39  | 1750069.57        | 380924.91          | 39°32'32.9180"N | 80°23'10.4860"W | 1504.21           | 227.804         | 2.28          | -2.24                | -0.98               |
| 6798.00 | 25.030          | 242.160     | 6482.85  | -22.23         | -1026.18   | -1143.33  | 1750040.64        | 380909.06          | 39°32'32.7585"N | 80°23'10.8534"W | 1536.31           | 228.091         | 1.31          | -0.90                | 2.23                |
| 6884.00 | 26.480          | 241.210     | 6560.31  | -13.98         | -1043.91   | -1176.22  | 1750007.75        | 380891.33          | 39°32'32.5801"N | 80°23'11.2710"W | 1572.66           | 228.411         | 1.75          | 1.69                 | -1.10               |
| 6971.00 | 27.600          | 240.310     | 6637.80  | -5.87          | -1063.24   | -1210.73  | 1749973.24        | 380872.01          | 39°32'32.3857"N | 80°23'11.7090"W | 1611.32           | 228.711         | 1.37          | 1.29                 | -1.03               |
| 7057.00 | 27.520          | 240.800     | 6714.04  | 2.15           | -1082.80   | -1245.38  | 1749938.59        | 380852.45          | 39°32'32.1891"N | 80°23'12.1488"W | 1650.28           | 228.995         | 0.28          | -0.09                | 0.57                |
| 7143.00 | 24.890          | 243.370     | 6791.20  | 10.76          | -1100.60   | -1278.91  | 1749905.07        | 380834.64          | 39°32'32.0098"N | 80°23'12.5745"W | 1687.29           | 229.285         | 3.33          | -3.06                | 2.99                |
| 7230.00 | 24.190          | 243.800     | 6870.34  | 19.90          | -1116.68   | -1311.27  | 1749872.71        | 380818.57          | 39°32'31.8477"N | 80°23'12.9855"W | 1722.32           | 229.582         | 0.83          | -0.80                | 0.49                |
| 7316.00 | 26.010          | 243.190     | 6948.21  | 29.08          | -1132.97   | -1343.91  | 1749840.07        | 380802.28          | 39°32'31.6836"N | 80°23'13.4001"W | 1757.76           | 229.868         | 2.14          | 2.12                 | -0.71               |
| 7402.00 | 26.480          | 244.530     | 7025.35  | 38.89          | -1149.72   | -1378.05  | 1749805.93        | 380785.53          | 39°32'31.5147"N | 80°23'13.8337"W | 1794.68           | 230.162         | 0.88          | 0.55                 | 1.56                |
| 7488.00 | 26.650          | 241.000     | 7102.27  | 48.08          | -1167.31   | -1412.23  | 1749771.75        | 380767.94          | 39°32'31.3375"N | 80°23'14.2678"W | 1832.22           | 230.424         | 1.85          | 0.20                 | -4.10               |



# Actual Wellpath Report

Elliott 5H (L-003936) AWP Proj: 19390'  
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## REFERENCE WELLPATH IDENTIFICATION

|          |                        |          |                           |
|----------|------------------------|----------|---------------------------|
| Operator | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field    | Marion                 | API      | 47-049-02501-00-00        |
| Facility | Elliot Pad             | Wellbore | Elliott 5H (L-003936) AWB |
| Slot     | Slot 05                |          |                           |

## WELLPATH DATA (216 stations)

| MD [ft]  | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|
| 7549.00  | 26.990          | 237.800     | 7156.71  | 53.08          | -1181.32   | -1435.91  | 1749748.08        | 380753.93          | 39°32'31.1967"N | 80°23'14.5683"W | 1859.40           | 230.556         | 2.43          | 0.56                 | -5.25               |
| 7555.00  | 26.810          | 237.990     | 7162.06  | 53.51          | -1182.77   | -1438.21  | 1749745.78        | 380752.49          | 39°32'31.1823"N | 80°23'14.5974"W | 1862.09           | 230.567         | 3.32          | -3.00                | 3.17                |
| 7650.00  | 26.640          | 236.490     | 7246.92  | 59.69          | -1205.88   | -1474.14  | 1749709.85        | 380729.37          | 39°32'30.9503"N | 80°23'15.0531"W | 1904.53           | 230.716         | 0.73          | -0.18                | -1.58               |
| 7745.00  | 25.170          | 258.510     | 7332.57  | 72.50          | -1221.70   | -1511.78  | 1749672.21        | 380713.55          | 39°32'30.7903"N | 80°23'15.5315"W | 1943.72           | 231.058         | 10.19         | -1.55                | 23.18               |
| 7840.00  | 29.890          | 280.840     | 7417.01  | 101.20         | -1221.27   | -1554.97  | 1749629.03        | 380713.98          | 39°32'30.7903"N | 80°23'16.0828"W | 1977.23           | 231.854         | 11.86         | 4.97                 | 23.51               |
| 7935.00  | 35.870          | 295.860     | 7496.89  | 145.56         | -1204.64   | -1603.38  | 1749580.61        | 380730.62          | 39°32'30.9500"N | 80°23'16.7029"W | 2005.49           | 233.082         | 10.60         | 6.29                 | 15.81               |
| 8030.00  | 40.370          | 302.700     | 7571.64  | 200.76         | -1175.85   | -1654.37  | 1749529.63        | 380759.40          | 39°32'31.2295"N | 80°23'17.3573"W | 2029.67           | 234.597         | 6.49          | 4.74                 | 7.20                |
| 8125.00  | 49.120          | 309.020     | 7639.09  | 265.84         | -1136.52   | -1708.29  | 1749475.71        | 380798.73          | 39°32'31.6129"N | 80°23'18.0506"W | 2051.82           | 236.364         | 10.32         | 9.21                 | 6.65                |
| 8220.00  | 56.770          | 310.070     | 7696.29  | 340.59         | -1088.26   | -1766.69  | 1749417.32        | 380846.99          | 39°32'32.0842"N | 80°23'18.8020"W | 2074.97           | 238.367         | 8.10          | 8.05                 | 1.11                |
| 8315.00  | 64.980          | 311.070     | 7742.49  | 422.63         | -1034.31   | -1829.66  | 1749354.35        | 380900.93          | 39°32'32.6112"N | 80°23'19.6125"W | 2101.77           | 240.520         | 8.69          | 8.64                 | 1.05                |
| 8411.00  | 69.890          | 315.480     | 7779.33  | 510.80         | -973.53    | -1894.12  | 1749289.90        | 380961.70          | 39°32'33.2055"N | 80°23'20.4430"W | 2129.66           | 242.798         | 6.64          | 5.11                 | 4.59                |
| 8506.00  | 74.120          | 321.760     | 7808.70  | 601.08         | -905.76    | -1953.75  | 1749230.27        | 381029.48          | 39°32'33.8695"N | 80°23'21.2127"W | 2153.49           | 245.128         | 7.70          | 4.45                 | 6.61                |
| 8601.00  | 81.220          | 329.090     | 7829.00  | 693.16         | -829.40    | -2006.28  | 1749177.74        | 381105.83          | 39°32'34.6190"N | 80°23'21.8928"W | 2170.96           | 247.540         | 10.61         | 7.47                 | 7.72                |
| 8696.00  | 89.480          | 329.970     | 7836.70  | 786.14         | -747.86    | -2054.25  | 1749129.77        | 381187.37          | 39°32'35.4202"N | 80°23'22.5154"W | 2186.14           | 249.996         | 8.74          | 8.69                 | 0.93                |
| 8792.00  | 90.150          | 331.090     | 7837.01  | 880.18         | -664.28    | -2101.48  | 1749082.55        | 381270.94          | 39°32'36.2415"N | 80°23'23.1288"W | 2203.97           | 252.458         | 1.36          | 0.70                 | 1.17                |
| 8887.00  | 90.490          | 330.520     | 7836.47  | 973.14         | -581.35    | -2147.82  | 1749036.21        | 381353.86          | 39°32'37.0565"N | 80°23'23.7307"W | 2225.10           | 254.855         | 0.70          | 0.36                 | -0.60               |
| 8982.00  | 90.920          | 330.960     | 7835.31  | 1066.12        | -498.48    | -2194.24  | 1748989.79        | 381436.73          | 39°32'37.8710"N | 80°23'24.3338"W | 2250.15           | 257.201         | 0.65          | 0.45                 | 0.46                |
| 9077.00  | 89.600          | 329.860     | 7834.87  | 1159.21        | -415.87    | -2241.15  | 1748942.88        | 381519.33          | 39°32'38.6828"N | 80°23'24.9430"W | 2279.41           | 259.488         | 1.81          | -1.39                | -1.16               |
| 9172.00  | 90.220          | 330.840     | 7835.02  | 1252.32        | -333.31    | -2288.15  | 1748895.89        | 381601.89          | 39°32'39.4941"N | 80°23'25.5533"W | 2312.30           | 261.712         | 1.22          | 0.65                 | 1.03                |
| 9267.00  | 90.430          | 332.060     | 7834.49  | 1345.06        | -249.87    | -2333.55  | 1748850.49        | 381685.33          | 39°32'40.3143"N | 80°23'26.1434"W | 2346.89           | 263.888         | 1.30          | 0.22                 | 1.28                |
| 9362.00  | 89.850          | 330.960     | 7834.25  | 1437.77        | -166.37    | -2378.86  | 1748805.18        | 381768.82          | 39°32'41.1351"N | 80°23'26.7324"W | 2384.68           | 265.999         | 1.31          | -0.61                | -1.16               |
| 9552.00  | 89.880          | 331.100     | 7834.70  | 1623.54        | -0.15      | -2470.89  | 1748713.16        | 381935.03          | 39°32'42.7688"N | 80°23'27.9281"W | 2470.89           | 269.997         | 0.08          | 0.02                 | 0.07                |
| 9648.00  | 89.720          | 331.360     | 7835.04  | 1717.33        | 84.00      | -2517.09  | 1748666.96        | 382019.18          | 39°32'43.5959"N | 80°23'28.5285"W | 2518.50           | 271.911         | 0.32          | -0.17                | 0.27                |
| 9743.00  | 89.600          | 331.170     | 7835.60  | 1810.13        | 167.30     | -2562.77  | 1748621.29        | 382102.47          | 39°32'44.4147"N | 80°23'29.1220"W | 2568.22           | 273.735         | 0.24          | -0.13                | -0.20               |
| 9838.00  | 89.750          | 330.950     | 7836.14  | 1903.01        | 250.44     | -2608.74  | 1748575.32        | 382185.60          | 39°32'45.2318"N | 80°23'29.7193"W | 2620.73           | 275.484         | 0.28          | 0.16                 | -0.23               |
| 9934.00  | 89.630          | 331.150     | 7836.66  | 1996.86        | 334.44     | -2655.20  | 1748528.86        | 382269.60          | 39°32'46.0574"N | 80°23'30.3231"W | 2676.18           | 277.179         | 0.24          | -0.13                | 0.21                |
| 10028.00 | 89.940          | 331.490     | 7837.01  | 2088.67        | 416.91     | -2700.31  | 1748483.75        | 382352.06          | 39°32'46.8680"N | 80°23'30.9094"W | 2732.31           | 278.777         | 0.49          | 0.33                 | 0.36                |
| 10123.00 | 89.630          | 331.280     | 7837.37  | 2181.43        | 500.30     | -2745.81  | 1748438.25        | 382435.45          | 39°32'47.6877"N | 80°23'31.5007"W | 2791.02           | 280.326         | 0.39          | -0.33                | -0.22               |
| 10219.00 | 89.690          | 331.780     | 7837.94  | 2275.11        | 584.69     | -2791.57  | 1748392.49        | 382519.83          | 39°32'48.5172"N | 80°23'32.0956"W | 2852.15           | 281.829         | 0.52          | 0.06                 | 0.52                |
| 10314.00 | 89.720          | 330.510     | 7838.43  | 2367.95        | 667.89     | -2837.42  | 1748346.65        | 382603.03          | 39°32'49.3350"N | 80°23'32.6913"W | 2914.97           | 283.246         | 1.34          | 0.03                 | -1.34               |



# Actual Wellpath Report

Elliott 5H (L-003936) AWP Proj: 19390  
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## REFERENCE WELLPATH IDENTIFICATION

|          |                        |          |                           |
|----------|------------------------|----------|---------------------------|
| Operator | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field    | Marion                 | API      | 47-049-02501-00-00        |
| Facility | Elliot Pad             | Wellbore | Elliott 5H (L-003936) AWB |
| Slot     | Slot 05                |          |                           |

## WELLPATH DATA (216 stations)

| MD [ft]  | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|
| 10409.00 | 89.480          | 329.270     | 7839.09  | 2461.21        | 750.07     | -2885.07  | 1748299.00        | 382685.20          | 39°32'50.1424"N | 80°23'33.3100"W | 2980.98           | 284.573         | 1.33          | -0.25                | -1.31               |
| 10504.00 | 90.000          | 329.760     | 7839.52  | 2554.59        | 831.94     | -2933.27  | 1748250.81        | 382767.07          | 39°32'50.9467"N | 80°23'33.9356"W | 3048.96           | 285.834         | 0.75          | 0.55                 | 0.52                |
| 10599.00 | 89.940          | 329.910     | 7839.57  | 2647.87        | 914.07     | -2981.01  | 1748203.07        | 382849.20          | 39°32'51.7538"N | 80°23'34.5554"W | 3118.00           | 287.047         | 0.17          | -0.06                | 0.16                |
| 10694.00 | 89.850          | 329.200     | 7839.74  | 2741.24        | 995.97     | -3029.14  | 1748154.94        | 382931.09          | 39°32'52.5585"N | 80°23'35.1802"W | 3188.68           | 288.201         | 0.75          | -0.09                | -0.75               |
| 10789.00 | 89.690          | 328.810     | 7840.13  | 2834.77        | 1077.41    | -3078.06  | 1748106.02        | 383012.52          | 39°32'53.3585"N | 80°23'35.8150"W | 3261.18           | 289.291         | 0.44          | -0.17                | -0.41               |
| 10884.00 | 91.080          | 330.480     | 7839.49  | 2928.11        | 1159.38    | -3126.07  | 1748058.02        | 383094.49          | 39°32'54.1638"N | 80°23'36.4382"W | 3334.13           | 290.348         | 2.29          | 1.46                 | 1.76                |
| 10979.00 | 90.030          | 328.700     | 7838.57  | 3021.45        | 1241.30    | -3174.15  | 1748009.94        | 383176.40          | 39°32'54.9687"N | 80°23'37.0624"W | 3408.23           | 291.359         | 2.18          | -1.11                | -1.87               |
| 11074.00 | 90.220          | 329.010     | 7838.36  | 3115.03        | 1322.60    | -3223.29  | 1747960.81        | 383257.70          | 39°32'55.7674"N | 80°23'37.6999"W | 3484.09           | 292.310         | 0.38          | 0.20                 | 0.33                |
| 11170.00 | 89.910          | 329.650     | 7838.25  | 3209.45        | 1405.17    | -3272.25  | 1747911.84        | 383340.27          | 39°32'56.5786"N | 80°23'38.3355"W | 3561.20           | 293.240         | 0.74          | -0.32                | 0.67                |
| 11265.00 | 91.200          | 328.900     | 7837.33  | 3302.89        | 1486.83    | -3320.79  | 1747863.31        | 383421.92          | 39°32'57.3809"N | 80°23'38.9654"W | 3638.45           | 294.120         | 1.57          | 1.36                 | -0.79               |
| 11360.00 | 90.430          | 328.990     | 7835.98  | 3396.43        | 1568.21    | -3369.79  | 1747814.31        | 383503.29          | 39°32'58.1803"N | 80°23'39.6013"W | 3716.82           | 294.956         | 0.82          | -0.81                | 0.09                |
| 11455.00 | 91.140          | 329.410     | 7834.68  | 3489.90        | 1649.80    | -3418.43  | 1747765.68        | 383584.88          | 39°32'58.9818"N | 80°23'40.2325"W | 3795.72           | 295.763         | 0.87          | 0.75                 | 0.44                |
| 11550.00 | 90.090          | 329.800     | 7833.66  | 3583.24        | 1731.74    | -3466.49  | 1747717.62        | 383666.81          | 39°32'59.7869"N | 80°23'40.8565"W | 3874.98           | 296.545         | 1.18          | -1.11                | 0.41                |
| 11645.00 | 90.120          | 329.280     | 7833.48  | 3676.62        | 1813.63    | -3514.65  | 1747669.46        | 383748.70          | 39°33'0.5914"N  | 80°23'41.4816"W | 3955.00           | 297.295         | 0.55          | 0.03                 | -0.55               |
| 11740.00 | 90.370          | 329.520     | 7833.08  | 3770.03        | 1895.40    | -3563.01  | 1747621.11        | 383830.46          | 39°33'1.3948"N  | 80°23'42.1093"W | 4035.78           | 298.011         | 0.36          | 0.26                 | 0.25                |
| 11836.00 | 90.310          | 329.330     | 7832.51  | 3864.42        | 1978.05    | -3611.84  | 1747572.28        | 383913.11          | 39°33'2.2068"N  | 80°23'42.7432"W | 4118.02           | 298.708         | 0.21          | -0.06                | -0.20               |
| 11931.00 | 90.340          | 329.310     | 7831.97  | 3957.86        | 2059.75    | -3660.31  | 1747523.81        | 383994.80          | 39°33'3.0095"N  | 80°23'43.3724"W | 4200.05           | 299.368         | 0.04          | 0.03                 | -0.02               |
| 12026.00 | 90.430          | 329.160     | 7831.33  | 4051.32        | 2141.38    | -3708.90  | 1747475.22        | 384076.43          | 39°33'3.8114"N  | 80°23'44.0031"W | 4282.69           | 300.000         | 0.18          | 0.09                 | -0.16               |
| 12121.00 | 90.310          | 329.380     | 7830.72  | 4144.77        | 2223.04    | -3757.45  | 1747426.68        | 384158.08          | 39°33'4.6136"N  | 80°23'44.6331"W | 4365.81           | 300.610         | 0.26          | -0.13                | 0.23                |
| 12216.00 | 90.340          | 329.430     | 7830.18  | 4238.19        | 2304.81    | -3805.80  | 1747378.33        | 384239.85          | 39°33'5.4170"N  | 80°23'45.2608"W | 4449.30           | 301.199         | 0.06          | 0.03                 | 0.05                |
| 12311.00 | 90.060          | 332.170     | 7829.85  | 4331.14        | 2387.73    | -3852.14  | 1747331.99        | 384322.76          | 39°33'6.2319"N  | 80°23'45.8629"W | 4532.13           | 301.792         | 2.90          | -0.29                | 2.88                |
| 12406.00 | 89.780          | 335.630     | 7829.98  | 4422.90        | 2473.03    | -3893.93  | 1747290.21        | 384408.06          | 39°33'7.0708"N  | 80°23'46.4072"W | 4612.87           | 302.420         | 3.65          | -0.29                | 3.64                |
| 12501.00 | 90.060          | 334.820     | 7830.11  | 4514.08        | 2559.28    | -3933.74  | 1747250.40        | 384494.31          | 39°33'7.9193"N  | 80°23'46.9264"W | 4693.00           | 303.048         | 0.90          | 0.29                 | -0.85               |
| 12596.00 | 89.910          | 336.050     | 7830.14  | 4605.16        | 2645.68    | -3973.23  | 1747210.91        | 384580.70          | 39°33'8.7693"N  | 80°23'47.4416"W | 4773.49           | 303.659         | 1.30          | -0.16                | 1.29                |
| 12691.00 | 89.850          | 336.270     | 7830.34  | 4695.89        | 2732.58    | -4011.63  | 1747172.51        | 384667.59          | 39°33'9.6242"N  | 80°23'47.9428"W | 4853.88           | 304.261         | 0.24          | -0.06                | 0.23                |
| 12786.00 | 90.310          | 336.270     | 7830.20  | 4786.56        | 2819.55    | -4049.86  | 1747134.29        | 384754.56          | 39°33'10.4800"N | 80°23'48.4419"W | 4934.69           | 304.846         | 0.48          | 0.48                 | 0.00                |
| 12881.00 | 90.220          | 336.780     | 7829.76  | 4877.11        | 2906.68    | -4087.70  | 1747096.44        | 384841.69          | 39°33'11.3374"N | 80°23'48.9361"W | 5015.79           | 305.416         | 0.55          | -0.09                | 0.54                |
| 12976.00 | 90.060          | 335.850     | 7829.53  | 4967.77        | 2993.68    | -4125.86  | 1747058.29        | 384928.68          | 39°33'12.1934"N | 80°23'49.4344"W | 5097.53           | 305.964         | 0.99          | -0.17                | -0.98               |
| 13071.00 | 90.280          | 336.530     | 7829.25  | 5058.48        | 3080.59    | -4164.21  | 1747019.94        | 385015.59          | 39°33'13.0485"N | 80°23'49.9351"W | 5179.84           | 306.493         | 0.75          | 0.23                 | 0.72                |
| 13166.00 | 90.340          | 336.830     | 7828.74  | 5148.96        | 3167.83    | -4201.82  | 1746982.33        | 385102.82          | 39°33'13.9070"N | 80°23'50.4263"W | 5262.17           | 307.013         | 0.32          | 0.06                 | 0.32                |



# Actual Wellpath Report

Elliott 5H (L-003936) AWP Proj: 19390'  
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| REFERENCE WELLPATH IDENTIFICATION |                        |          |                           |
|-----------------------------------|------------------------|----------|---------------------------|
| Operator                          | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field                             | Marion                 | API      | 47-049-02501-00-00        |
| Facility                          | Elliot Pad             | Wellbore | Elliott 5H (L-003936) AWB |
| Slot                              | Slot 05                |          |                           |

| WELLPATH DATA (216 stations) |                 |             |          |                |            |           |                   |                    |                 |                 |                   |                 |               |                      |                     |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|
| MD [ft]                      | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Bulld Rate [°/100ft] | Turn Rate [°/100ft] |
| 13260.00                     | 90.710          | 334.840     | 7827.87  | 5238.88        | 3253.58    | -4240.30  | 1746943.86        | 385188.57          | 39°33'14.7507"N | 80°23'50.9284"W | 5344.71           | 307.499         | 2.15          | 0.39                 | -2.12               |
| 13355.00                     | 90.340          | 330.750     | 7827.00  | 5331.08        | 3338.05    | -4283.72  | 1746900.44        | 385273.03          | 39°33'15.5812"N | 80°23'51.4935"W | 5430.73           | 307.927         | 4.32          | -0.39                | -4.31               |
| 13449.00                     | 90.490          | 329.040     | 7826.32  | 5423.36        | 3419.37    | -4330.86  | 1746853.30        | 385354.34          | 39°33'16.3801"N | 80°23'52.1057"W | 5518.01           | 308.292         | 1.83          | 0.16                 | -1.82               |
| 13544.00                     | 90.180          | 324.340     | 7825.77  | 5517.46        | 3498.74    | -4383.02  | 1746801.14        | 385433.71          | 39°33'17.1594"N | 80°23'52.7817"W | 5608.21           | 308.599         | 4.96          | -0.33                | -4.95               |
| 13639.00                     | 89.910          | 323.190     | 7825.69  | 5612.12        | 3575.36    | -4439.17  | 1746744.99        | 385510.33          | 39°33'17.9111"N | 80°23'53.5083"W | 5699.95           | 308.848         | 1.24          | -0.28                | -1.21               |
| 13735.00                     | 90.340          | 323.430     | 7825.48  | 5707.84        | 3652.34    | -4496.53  | 1746687.64        | 385587.30          | 39°33'18.6662"N | 80°23'54.2504"W | 5792.96           | 309.085         | 0.51          | 0.45                 | 0.25                |
| 13830.00                     | 90.370          | 323.110     | 7824.89  | 5802.56        | 3728.48    | -4553.35  | 1746630.83        | 385663.44          | 39°33'19.4130"N | 80°23'54.9854"W | 5885.11           | 309.312         | 0.34          | 0.03                 | -0.34               |
| 13925.00                     | 90.180          | 323.260     | 7824.44  | 5897.30        | 3804.53    | -4610.27  | 1746573.91        | 385739.48          | 39°33'20.1590"N | 80°23'55.7219"W | 5977.38           | 309.530         | 0.25          | -0.20                | 0.16                |
| 14020.00                     | 90.220          | 323.310     | 7824.11  | 5992.02        | 3880.69    | -4667.07  | 1746517.12        | 385815.63          | 39°33'20.9060"N | 80°23'56.4566"W | 6069.70           | 309.744         | 0.07          | 0.04                 | 0.05                |
| 14115.00                     | 90.180          | 322.710     | 7823.77  | 6086.78        | 3956.57    | -4724.22  | 1746459.96        | 385891.51          | 39°33'21.6503"N | 80°23'57.1960"W | 6162.20           | 309.946         | 0.63          | -0.04                | -0.63               |
| 14210.00                     | 90.490          | 323.430     | 7823.22  | 6181.53        | 4032.50    | -4781.30  | 1746402.89        | 385967.44          | 39°33'22.3951"N | 80°23'57.9344"W | 6254.75           | 310.144         | 0.83          | 0.33                 | 0.76                |
| 14305.00                     | 90.280          | 323.780     | 7822.58  | 6276.21        | 4108.97    | -4837.67  | 1746346.52        | 386043.91          | 39°33'23.1452"N | 80°23'58.6638"W | 6347.18           | 310.344         | 0.43          | -0.22                | 0.37                |
| 14401.00                     | 90.340          | 326.590     | 7822.06  | 6371.62        | 4187.78    | -4892.47  | 1746291.72        | 386122.71          | 39°33'23.9186"N | 80°23'59.3735"W | 6440.01           | 310.562         | 2.93          | 0.06                 | 2.93                |
| 14496.00                     | 90.680          | 329.950     | 7821.22  | 6465.34        | 4268.57    | -4942.42  | 1746241.77        | 386203.49          | 39°33'24.7121"N | 80°24'0.0216"W  | 6530.56           | 310.816         | 3.55          | 0.36                 | 3.54                |
| 14591.00                     | 90.490          | 330.960     | 7820.25  | 6558.42        | 4351.21    | -4989.27  | 1746194.93        | 386286.13          | 39°33'25.5242"N | 80°24'0.6302"W  | 6620.11           | 311.092         | 1.08          | -0.20                | 1.06                |
| 14686.00                     | 89.910          | 329.690     | 7819.91  | 6651.54        | 4433.75    | -5036.30  | 1746147.91        | 386368.66          | 39°33'26.3352"N | 80°24'1.2411"W  | 6709.87           | 311.359         | 1.47          | -0.61                | -1.34               |
| 14781.00                     | 89.880          | 328.910     | 7820.09  | 6744.98        | 4515.43    | -5084.80  | 1746099.41        | 386450.34          | 39°33'27.1377"N | 80°24'1.8708"W  | 6800.32           | 311.606         | 0.82          | -0.03                | -0.82               |
| 14876.00                     | 90.060          | 328.810     | 7820.14  | 6838.56        | 4596.74    | -5133.93  | 1746050.28        | 386531.64          | 39°33'27.9364"N | 80°24'2.5084"W  | 6891.10           | 311.840         | 0.22          | 0.19                 | -0.11               |
| 14971.00                     | 90.250          | 329.470     | 7819.88  | 6932.05        | 4678.29    | -5182.66  | 1746001.56        | 386613.19          | 39°33'28.7375"N | 80°24'3.1409"W  | 6981.86           | 312.072         | 0.72          | 0.20                 | 0.69                |
| 15066.00                     | 90.030          | 329.560     | 7819.65  | 7025.43        | 4760.16    | -5230.85  | 1745953.36        | 386695.05          | 39°33'29.5418"N | 80°24'3.7667"W  | 7072.55           | 312.303         | 0.25          | -0.23                | 0.09                |
| 15161.00                     | 90.250          | 330.390     | 7819.42  | 7118.66        | 4842.41    | -5278.39  | 1745905.83        | 386777.30          | 39°33'30.3500"N | 80°24'4.3841"W  | 7163.12           | 312.533         | 0.90          | 0.23                 | 0.87                |
| 15256.00                     | 90.030          | 329.720     | 7819.18  | 7211.87        | 4924.73    | -5325.81  | 1745858.41        | 386859.61          | 39°33'31.1588"N | 80°24'5.0001"W  | 7253.77           | 312.759         | 0.74          | -0.23                | -0.71               |
| 15352.00                     | 90.090          | 329.670     | 7819.08  | 7306.18        | 5007.61    | -5374.25  | 1745809.98        | 386942.49          | 39°33'31.9731"N | 80°24'5.6291"W  | 7345.66           | 312.977         | 0.08          | 0.06                 | -0.05               |
| 15447.00                     | 90.120          | 329.610     | 7818.91  | 7399.52        | 5089.58    | -5422.26  | 1745761.96        | 387024.45          | 39°33'32.7784"N | 80°24'6.2527"W  | 7436.72           | 313.187         | 0.07          | 0.03                 | -0.06               |
| 15542.00                     | 90.090          | 329.220     | 7818.74  | 7492.93        | 5171.36    | -5470.60  | 1745713.63        | 387106.23          | 39°33'33.5819"N | 80°24'6.8803"W  | 7527.98           | 313.389         | 0.41          | -0.03                | -0.41               |
| 15636.00                     | 89.940          | 329.230     | 7818.71  | 7585.42        | 5252.13    | -5518.70  | 1745665.53        | 387186.99          | 39°33'34.3753"N | 80°24'7.5047"W  | 7618.45           | 313.582         | 0.16          | -0.16                | 0.01                |
| 15731.00                     | 90.680          | 329.820     | 7818.20  | 7678.79        | 5334.00    | -5566.88  | 1745617.36        | 387268.86          | 39°33'35.1796"N | 80°24'8.1303"W  | 7709.84           | 313.776         | 1.00          | 0.78                 | 0.62                |
| 15827.00                     | 90.430          | 329.700     | 7817.27  | 7773.08        | 5416.93    | -5615.22  | 1745569.02        | 387351.79          | 39°33'35.9944"N | 80°24'8.7581"W  | 7802.17           | 313.970         | 0.29          | -0.26                | -0.12               |
| 15922.00                     | 90.180          | 329.430     | 7816.76  | 7866.44        | 5498.84    | -5663.35  | 1745520.90        | 387433.69          | 39°33'36.7991"N | 80°24'9.3830"W  | 7893.71           | 314.156         | 0.39          | -0.26                | -0.28               |
| 16017.00                     | 89.780          | 329.360     | 7816.79  | 7959.86        | 5580.61    | -5711.71  | 1745472.53        | 387515.45          | 39°33'37.6024"N | 80°24'10.0110"W | 7985.41           | 314.335         | 0.43          | -0.42                | -0.07               |



# Actual Wellpath Report

Elliott 5H (L-003936) AWP Proj: 19390'

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## REFERENCE WELLPATH IDENTIFICATION

|          |                        |          |                           |
|----------|------------------------|----------|---------------------------|
| Operator | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field    | Marion                 | API      | 47-049-02501-00-00        |
| Facility | Elliot Pad             | Wellbore | Elliott 5H (L-003936) AWB |
| Slot     | Slot 05                |          |                           |

## WELLPATH DATA (216 stations)

| MD [ft]  | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|-----------------|-----------------|-------------------|-----------------|---------------|----------------------|---------------------|
| 16112.00 | 89.910          | 328.460     | 7817.05  | 8053.41        | 5661.96    | -5760.77  | 1745423.48        | 387596.80          | 39°33'38.4015"N | 80°24'10.6477"W | 8077.39           | 314.504         | 0.96          | 0.14                 | -0.95               |
| 16207.00 | 90.180          | 329.290     | 7816.98  | 8146.98        | 5743.28    | -5809.87  | 1745374.38        | 387678.12          | 39°33'39.2003"N | 80°24'11.2851"W | 8169.45           | 314.670         | 0.92          | 0.28                 | 0.87                |
| 16302.00 | 89.970          | 329.310     | 7816.85  | 8240.43        | 5824.97    | -5858.37  | 1745325.88        | 387759.80          | 39°33'40.0028"N | 80°24'11.9148"W | 8261.40           | 314.836         | 0.22          | -0.22                | 0.02                |
| 16397.00 | 89.970          | 329.540     | 7816.90  | 8333.84        | 5906.76    | -5906.70  | 1745277.56        | 387841.58          | 39°33'40.8063"N | 80°24'12.5423"W | 8353.38           | 315.000         | 0.24          | 0.00                 | 0.24                |
| 16492.00 | 89.660          | 328.480     | 7817.21  | 8427.36        | 5988.20    | -5955.61  | 1745228.65        | 387923.02          | 39°33'41.6063"N | 80°24'13.1773"W | 8445.58           | 315.156         | 1.16          | -0.33                | -1.12               |
| 16587.00 | 89.910          | 328.680     | 7817.57  | 8521.02        | 6069.27    | -6005.13  | 1745179.13        | 388004.08          | 39°33'42.4025"N | 80°24'13.8200"W | 8538.01           | 315.304         | 0.34          | 0.26                 | 0.21                |
| 16682.00 | 89.970          | 328.700     | 7817.67  | 8614.64        | 6150.43    | -6054.50  | 1745129.76        | 388085.24          | 39°33'43.1998"N | 80°24'14.4607"W | 8630.46           | 315.450         | 0.07          | 0.06                 | 0.02                |
| 16777.00 | 90.250          | 329.080     | 7817.48  | 8708.20        | 6231.77    | -6103.59  | 1745080.68        | 388166.57          | 39°33'43.9987"N | 80°24'15.0978"W | 8722.88           | 315.595         | 0.50          | 0.29                 | 0.40                |
| 16872.00 | 90.120          | 328.730     | 7817.18  | 8801.76        | 6313.12    | -6152.65  | 1745031.62        | 388247.92          | 39°33'44.7978"N | 80°24'15.7347"W | 8815.36           | 315.738         | 0.39          | -0.14                | -0.37               |
| 16967.00 | 89.970          | 329.010     | 7817.10  | 8895.34        | 6394.44    | -6201.76  | 1744982.51        | 388329.23          | 39°33'45.5966"N | 80°24'16.3722"W | 8907.90           | 315.876         | 0.33          | -0.16                | 0.29                |
| 17061.00 | 91.290          | 330.990     | 7816.07  | 8987.57        | 6475.83    | -6248.76  | 1744935.52        | 388410.62          | 39°33'46.3963"N | 80°24'16.9827"W | 8999.08           | 316.022         | 2.53          | 1.40                 | 2.11                |
| 17156.00 | 89.940          | 330.090     | 7815.05  | 9080.62        | 6558.54    | -6295.48  | 1744888.80        | 388493.33          | 39°33'47.2090"N | 80°24'17.5898"W | 9091.07           | 316.172         | 1.71          | -1.42                | -0.95               |
| 17251.00 | 88.920          | 329.410     | 7815.99  | 9173.92        | 6640.60    | -6343.33  | 1744840.95        | 388575.38          | 39°33'48.0152"N | 80°24'18.2114"W | 9183.43           | 316.312         | 1.29          | -1.07                | -0.72               |
| 17346.00 | 89.260          | 329.370     | 7817.50  | 9267.32        | 6722.35    | -6391.70  | 1744792.59        | 388657.13          | 39°33'48.8183"N | 80°24'18.8394"W | 9275.98           | 316.444         | 0.36          | 0.36                 | -0.04               |
| 17442.00 | 89.230          | 329.480     | 7818.77  | 9361.71        | 6805.00    | -6440.53  | 1744743.76        | 388739.77          | 39°33'49.6303"N | 80°24'19.4735"W | 9369.54           | 316.576         | 0.12          | -0.03                | 0.11                |
| 17537.00 | 89.970          | 329.300     | 7819.43  | 9455.12        | 6886.76    | -6488.90  | 1744695.39        | 388821.52          | 39°33'50.4334"N | 80°24'20.1016"W | 9462.20           | 316.704         | 0.80          | 0.78                 | -0.19               |
| 17632.00 | 89.970          | 329.180     | 7819.48  | 9548.58        | 6968.39    | -6537.48  | 1744646.81        | 388903.15          | 39°33'51.2354"N | 80°24'20.7324"W | 9554.96           | 316.827         | 0.13          | 0.00                 | -0.13               |
| 17727.00 | 89.540          | 331.240     | 7819.89  | 9641.74        | 7050.83    | -6584.68  | 1744599.62        | 388985.59          | 39°33'52.0454"N | 80°24'21.3456"W | 9647.40           | 316.958         | 2.22          | -0.45                | 2.17                |
| 17822.00 | 89.720          | 329.600     | 7820.50  | 9734.83        | 7133.45    | -6631.57  | 1744552.73        | 389068.20          | 39°33'52.8572"N | 80°24'21.9550"W | 9739.81           | 317.088         | 1.74          | 0.19                 | -1.73               |
| 17917.00 | 89.850          | 329.360     | 7820.86  | 9828.22        | 7215.28    | -6679.82  | 1744504.49        | 389150.03          | 39°33'53.6612"N | 80°24'22.5815"W | 9832.61           | 317.207         | 0.29          | 0.14                 | -0.25               |
| 18012.00 | 90.090          | 330.350     | 7820.91  | 9921.49        | 7297.43    | -6727.52  | 1744456.78        | 389232.17          | 39°33'54.4683"N | 80°24'23.2012"W | 9925.33           | 317.327         | 1.07          | 0.25                 | 1.04                |
| 18107.00 | 89.970          | 329.400     | 7820.86  | 10014.76       | 7379.60    | -6775.20  | 1744409.10        | 389314.34          | 39°33'55.2756"N | 80°24'23.8206"W | 10018.08          | 317.445         | 1.01          | -0.13                | -1.00               |
| 18202.00 | 90.180          | 330.400     | 7820.73  | 10108.02       | 7461.79    | -6822.85  | 1744361.46        | 389396.52          | 39°33'56.0831"N | 80°24'24.4395"W | 10110.86          | 317.561         | 1.08          | 0.22                 | 1.05                |
| 18297.00 | 89.750          | 329.850     | 7820.79  | 10201.21       | 7544.17    | -6870.17  | 1744314.15        | 389478.89          | 39°33'56.8924"N | 80°24'25.0543"W | 10203.61          | 317.677         | 0.73          | -0.45                | -0.58               |
| 18392.00 | 89.970          | 330.180     | 7821.02  | 10294.43       | 7626.45    | -6917.64  | 1744266.67        | 389561.17          | 39°33'57.7009"N | 80°24'25.6711"W | 10296.43          | 317.790         | 0.42          | 0.23                 | 0.35                |
| 18487.00 | 89.910          | 329.810     | 7821.12  | 10387.66       | 7708.72    | -6965.15  | 1744219.17        | 389643.43          | 39°33'58.5092"N | 80°24'26.2883"W | 10389.31          | 317.901         | 0.39          | -0.06                | -0.39               |
| 18582.00 | 90.030          | 330.510     | 7821.17  | 10480.84       | 7791.12    | -7012.42  | 1744171.90        | 389725.83          | 39°33'59.3188"N | 80°24'26.9025"W | 10482.16          | 318.011         | 0.75          | 0.13                 | 0.74                |
| 18677.00 | 89.630          | 329.970     | 7821.45  | 10573.99       | 7873.59    | -7059.58  | 1744124.75        | 389808.30          | 39°34'0.1292"N  | 80°24'27.5152"W | 10575.02          | 318.120         | 0.71          | -0.42                | -0.57               |
| 18772.00 | 90.030          | 330.040     | 7821.74  | 10667.22       | 7955.87    | -7107.07  | 1744077.26        | 389890.57          | 39°34'0.9375"N  | 80°24'28.1322"W | 10668.00          | 318.225         | 0.43          | 0.42                 | 0.07                |
| 18867.00 | 89.850          | 329.860     | 7821.83  | 10760.46       | 8038.10    | -7154.64  | 1744029.69        | 389972.79          | 39°34'1.7455"N  | 80°24'28.7502"W | 10761.04          | 318.328         | 0.27          | -0.19                | -0.19               |





# Actual Wellpath Report

Elliott 5H (L-003936) AWP Proj: 19390'  
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| REFERENCE WELLPATH IDENTIFICATION |                        |          |                           |
|-----------------------------------|------------------------|----------|---------------------------|
| Operator                          | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field                             | Marion                 | API      | 47-049-02501-00-00        |
| Facility                          | Elliot Pad             | Wellbore | Elliott 5H (L-003936) AWB |
| Slot                              | Slot 05                |          |                           |

| WELLPATH DATA (216 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       | Closure Dist [ft] | Closure Dir [°] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] |  |
| 18962.00  | 89.910          | 329.630     | 7822.03  | 10853.77       | 8120.16    | -7202.51  | 1743981.83        | 390054.85          | 39°34'2.5516"N | 80°24'29.3720"W | 10854.17          | 318.427         | 0.25          | 0.06                 | -0.24               |  |
| 19058.00  | 90.000          | 329.880     | 7822.11  | 10948.06       | 8203.09    | -7250.86  | 1743933.48        | 390137.78          | 39°34'3.3664"N | 80°24'30.0001"W | 10948.32          | 318.526         | 0.28          | 0.09                 | 0.26                |  |
| 19153.00  | 89.720          | 329.790     | 7822.34  | 11041.34       | 8285.23    | -7298.60  | 1743885.74        | 390219.91          | 39°34'4.1734"N | 80°24'30.6203"W | 11041.49          | 318.623         | 0.31          | -0.29                | -0.09               |  |
| 19248.00  | 89.480          | 330.370     | 7823.00  | 11134.54       | 8367.56    | -7345.98  | 1743838.36        | 390302.24          | 39°34'4.9823"N | 80°24'31.2359"W | 11134.61          | 318.720         | 0.66          | -0.25                | 0.61                |  |
| 19343.00  | 89.750          | 330.180     | 7823.64  | 11227.68       | 8450.06    | -7393.08  | 1743791.26        | 390384.73          | 39°34'5.7929"N | 80°24'31.8480"W | 11227.70          | 318.817         | 0.35          | 0.28                 | -0.20               |  |
| 19390.00‡   | 89.750          | 330.180     | 7823.85  | 11273.77       | 8490.84    | -7416.46  | 1743767.89        | 390425.50          | 39°34'6.1936"N | 80°24'32.1517"W | 11273.78          | 318.864         | 0.00          | 0.00                 | 0.00                |  |

| HOLE & CASING SECTIONS - Ref Wellbore: Elliott 5H (L-003936) AWB Ref Wellpath: Elliott 5H (L-003936) AWP Proj: 19390' |               |             |               |                |              |                |                |              |              |
|---|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 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] |
| 17.5in Open Hole  | 28.00         | 1047.00     | 1019.00       | 28.00          | 1046.99      | 0.00           | 0.00           | -1.55        | -1.96        |
| 13.375in Casing Surface   | 28.00         | 1047.00     | 1019.00       | 28.00          | 1046.99      | 0.00           | 0.00           | -1.55        | -1.96        |
| 12.25in Open Hole   | 1047.00       | 2508.00     | 1461.00       | 1046.99        | 2504.87      | -1.55          | -1.96          | -18.93       | -84.05       |
| 9.625in Casing Intermediate   | 28.00         | 2508.00     | 2480.00       | 28.00          | 2504.87      | 0.00           | 0.00           | -18.93       | -84.05       |
| 8.75in Open Hole  | 2508.00       | 7624.00     | 5116.00       | 2504.87        | 7223.68      | -18.93         | -84.05         | -1199.47     | -1464.38     |
| 8.5in Open Hole   | 7624.00       | 19390.00    | 11766.00      | 7223.68        | 7823.85      | -1199.47       | -1464.38       | 8490.84      | -7416.46     |
| 5.5in Casing Production   | 28.00         | 19390.00    | 19362.00      | 28.00          | 7823.85      | 0.00           | 0.00           | 8490.84      | -7416.46     |



# Actual Wellpath Report

Elliott 5H (L-003936) AWP Proj: 19390'  
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| REFERENCE WELLPATH IDENTIFICATION |                        |          |                           |
|-----------------------------------|------------------------|----------|---------------------------|
| Operator                          | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field                             | Marion                 | API      | 47-049-02501-00-00        |
| Facility                          | Elliott Pad            | Wellbore | Elliott 5H (L-003936) AWB |
| Slot                              | Slot 05                |          |                           |

| TARGETS                               |          |            |           |                   |                    |                 |                 |         |
|---------------------------------------|----------|------------|-----------|-------------------|--------------------|-----------------|-----------------|---------|
| Name                                  | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude        | Longitude       | Shape   |
| Elliott 5H LP Rev-1                   | 7827.97  | -775.83    | -2021.44  | 1749162.58        | 381159.40          | 39°32'35.1469"N | 80°23'22.0931"W | point   |
| Elliott Hardline #1 (7.20.21)         | 8000.00  | -990.49    | -2347.05  | 1748837.00        | 380944.75          | 39°32'32.9936"N | 80°23'26.2220"W | polygon |
| 2D Polygon: dimensions not calculated |          |            |           |                   |                    |                 |                 |         |
| Elliott Hardline #2 (7.20.21)         | 8000.00  | 1196.26    | -5429.79  | 1745754.44        | 383131.37          | 39°32'54.3009"N | 80°24'5.8498"W  | polygon |
| 2D Polygon: dimensions not calculated |          |            |           |                   |                    |                 |                 |         |
| Elliott Hardline #3 (7.20.21)         | 8000.00  | 3200.27    | -4286.18  | 1746897.98        | 385135.25          | 39°33'14.2192"N | 80°23'51.5073"W | polygon |
| 2D Polygon: dimensions not calculated |          |            |           |                   |                    |                 |                 |         |
| Elliott Hardline #4 (7.20.21)         | 8000.00  | 3796.20    | -5010.04  | 1746174.16        | 385731.16          | 39°33'20.0371"N | 80°24'0.8243"W  | polygon |
| 2D Polygon: dimensions not calculated |          |            |           |                   |                    |                 |                 |         |
| Elliott 5H BHL Rev-1                  | 8015.40  | 8499.07    | -7408.37  | 1743775.98        | 390433.74          | 39°34'6.2757"N  | 80°24'32.0495"W | point   |

| WELLPATH COMPOSITION - Ref Wellbore: Elliott 5H (L-003936) AWB    Ref Wellpath: Elliott 5H (L-003936) AWP Proj: 19390' |             |   |  |                           |             |
|--|-------------|---|--|---------------------------|-------------|
| Start MD [ft]  | End MD [ft] | Positional Uncertainty Model                    | Log Name/Comment                                       | Wellbore                  | Survey Date |
| 28.00  | 887.00      | Gyrodata 2015 - CT+WIR+ALC                      | 01 Gyrodata Cont Gyro <17-1/2">(100'-872')             | Elliott 5H (L-003936) AWB | 7/8/2021    |
| 887.00   | 7549.00     | OWSG MWD rev2 - Standard                        | 02 SDI MWD <8-3/4">(872')(1076'-7534')                 | Elliott 5H (L-003936) AWB | 7/8/2021    |
| 7549.00  | 19390.00    | OWSG MWD rev2 + IFR1 + Multi-Station Correction | 03 BH AT Curve + H&P MSA <8-1/2">(7549')(7555'-19343') | Elliott 5H (L-003936) AWB | 8/21/2021   |



# Actual Wellpath Report

Elliott 5H (L-003936) AWP Proj: 19390'

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## REFERENCE WELLPATH IDENTIFICATION

|          |                        |          |                           |
|----------|------------------------|----------|---------------------------|
| Operator | EQT PRODUCTION COMPANY | Well     | Elliott 5H (L-003936)     |
| Field    | Marion                 | API      | 47-049-02501-00-00        |
| Facility | Elliot Pad             | Wellbore | Elliott 5H (L-003936) AWB |
| Slot     | Slot 05                |          |                           |

## COMMENTS

### Wellpath general comments

API: 47-049-02501-0000

BH Job #: 110974206

Rig: Patterson 292

Duration: 8/23/21 - 8/25/21

01\_Gyrodata Cont Gyro <17-1/2">(100'-872')

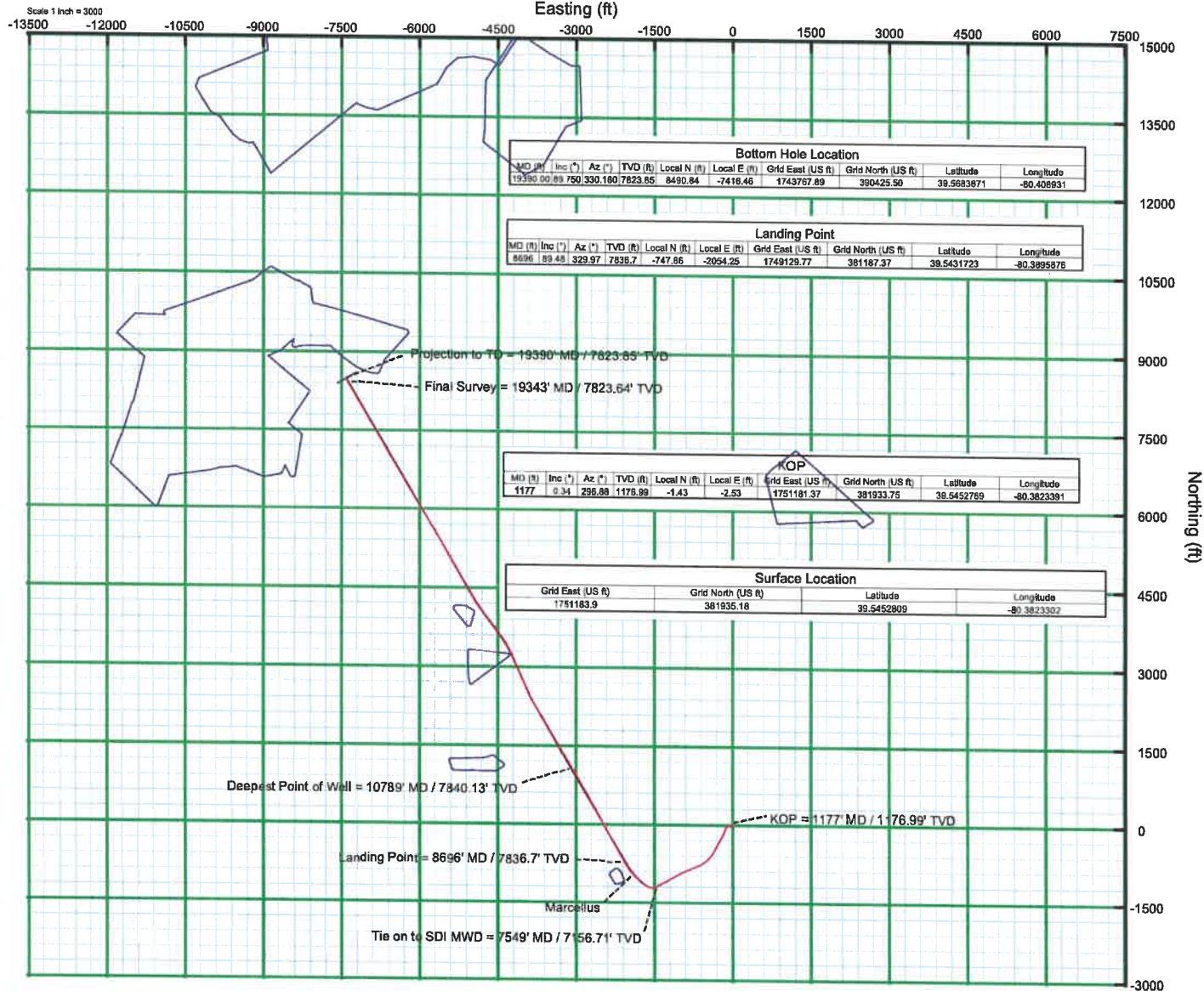
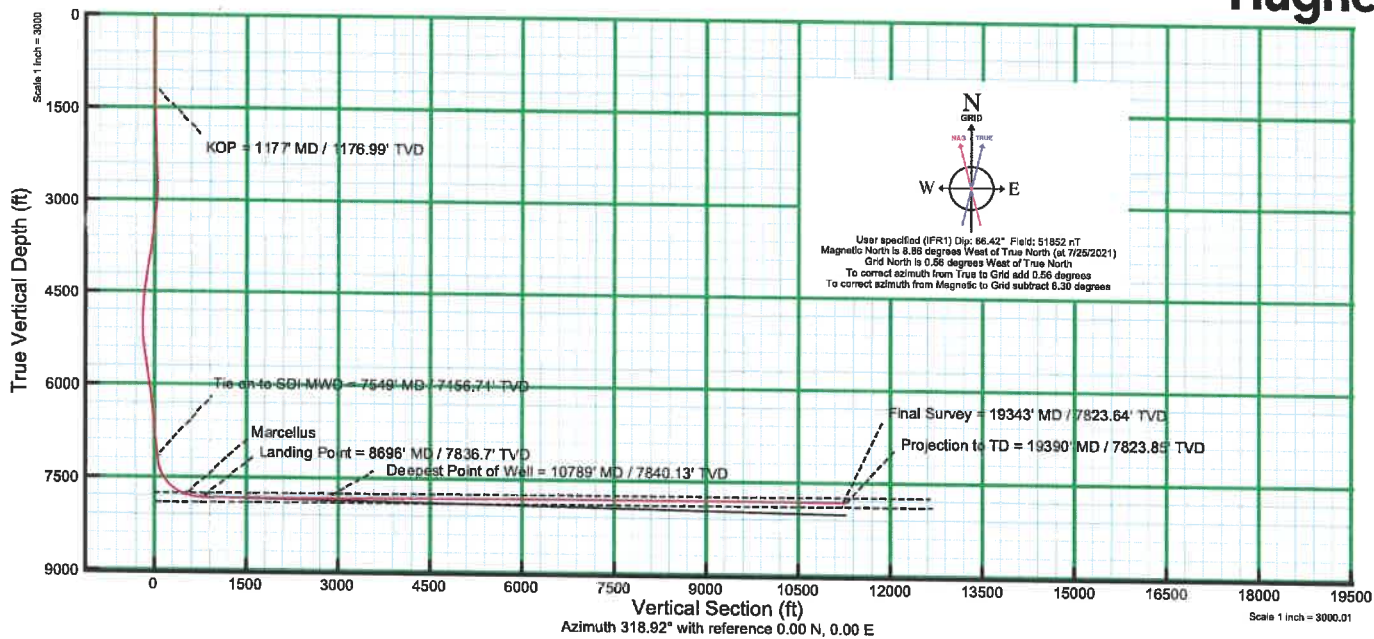
02\_SDI MWD <8-3/4">(872')(1076'-7534')

03\_BH AT Curve + H&P MSA <8-1/2">(7549')(7555'-19343')

Projected MD at TD: 19390'



KB Elevation=1370 FT  
 Ground Elevation=1342 FT  
 All Survey Measurements were taken from KB Elevation



10/14/2022