



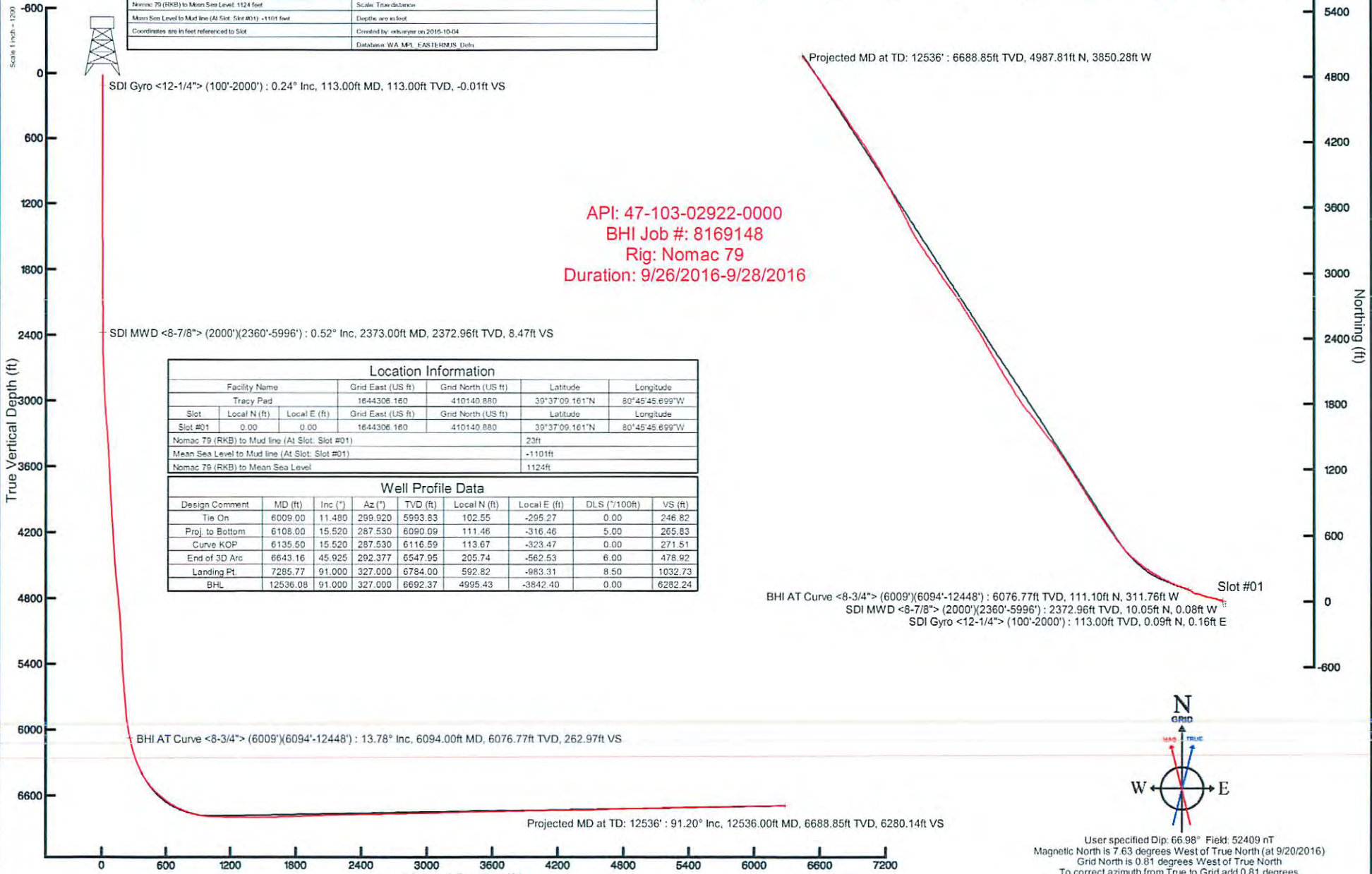
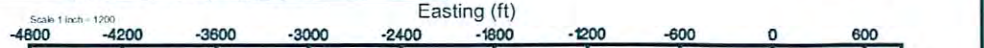
STONE ENERGY CORPORATION

Location: Wetzel County, WV
 Field: Wetzel
 Facility: Tracy Pad

Slot: Slot #01
 Well: Tracy 1H
 Wellbore: Tracy 1H PWB



| | |
|---|--|
| Plot reference wellpath is Tracy 1H PWB Rev-A-0 | Grid System: NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet |
| True vertical depths are referenced to Nomic 79 (RKB) | * = Wellpath was transformed from a different geoidic datum |
| Measured depths are referenced to Nomic 79 (RKB) | North Reference: Grid north |
| Nomic 79 (RKB) to Mean Sea Level: 1124 feet | Scale: True distance |
| Mean Sea Level to Mud line (At Slot: Slot #01) -1101 feet | Depths are in feet |
| Coordinates are in feet referenced to Slot | Created by: mbarbour on 2016-10-04 |
| | Database: WA_MF1_EASTERNUS.Dbx |



API: 47-103-02922-0000
 BHI Job #: 8169148
 Rig: Nomac 79
 Duration: 9/26/2016-9/28/2016

| Location Information | | | | | | | | |
|--|--------------|-------------------|--------------------|--------------------|----------------|----------------|---------------|---------|
| Facility Name | | Grid East (US ft) | Grid North (US ft) | Latitude | Longitude | | | |
| Tracy Pad | | 1644306.160 | 410140.880 | 39°37'09.161"N | 80°45'45.699"W | | | |
| Slot | Local N (ft) | Local E (ft) | Grid East (US ft) | Grid North (US ft) | Latitude | Longitude | | |
| Slot #01 | 0.00 | 0.00 | 1644306.160 | 410140.880 | 39°37'09.161"N | 80°45'45.699"W | | |
| Nomac 79 (RKB) to Mud line (At Slot: Slot #01) | | | | 23ft | | | | |
| Mean Sea Level to Mud line (At Slot: Slot #01) | | | | +1101ft | | | | |
| Nomac 79 (RKB) to Mean Sea Level | | | | 1124ft | | | | |
| Well Profile Data | | | | | | | | |
| Design Comment | MD (ft) | Inc (°) | Az (°) | TVD (ft) | Local N (ft) | Local E (ft) | DLS (°/100ft) | VS (ft) |
| Tie On | 6009.00 | 11.480 | 299.920 | 5993.83 | 102.55 | -295.27 | 0.00 | 246.82 |
| Proj. to Bottom | 6108.00 | 15.520 | 287.530 | 6090.09 | 111.46 | -316.46 | 5.00 | 265.83 |
| Curve KOP | 6135.50 | 15.520 | 287.530 | 6116.59 | 113.67 | -323.47 | 0.00 | 271.51 |
| End of 3D Arc | 6643.16 | 45.925 | 262.377 | 6547.95 | 205.74 | -562.53 | 6.00 | 478.92 |
| Landing Pt. | 7285.77 | 91.000 | 327.000 | 6784.00 | 592.82 | -983.31 | 8.50 | 1032.73 |
| BHL | 12536.08 | 91.000 | 327.000 | 6692.37 | 4995.43 | -3842.40 | 0.00 | 6282.24 |



User specified Dip: 66.98° Field: 52409 nT
 Magnetic North is 7.63 degrees West of True North (at 9/20/2016)
 Grid North is 0.81 degrees West of True North
 To correct azimuth from True to Grid add 0.81 degrees
 To correct azimuth from Magnetic to Grid subtract 6.82 degrees

Vertical Section (ft)
 Azimuth 327.00° with reference 0.00 N, 0.00 E

Scale 1 inch = 1200



Actual Wellpath Report

Tracy 1H AWP Proj: 12536'

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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------|----------|--------------|
| Operator | STONE ENERGY CORPORATION | Slot | Slot #01 |
| Area | Wetzel County, WV | Well | Tracy 1H |
| Field | Wetzel | Wellbore | Tracy 1H AWB |
| Facility | Tracy Pad | | |

REPORT SETUP INFORMATION

| | | | |
|---------------------|---|----------------------|--|
| Projection System | NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet | Software System | WellArchitect® 5.0 |
| North Reference | Grid | User | Edsaryar |
| Scale | 0.999941 | Report Generated | 10/4/2016 at 12:16:03 PM |
| Convergence at slot | 0.81° West | Database/Source file | WA_MPL_EASTERNUS_Defn/Tracy_1H_AWP_Proj_12536_.xml |

WELLPATH LOCATION

| | Local coordinates | | Grid coordinates | | Geographic coordinates | |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|----------------|
| | North[ft] | East[ft] | Easting[US ft] | Northing[US ft] | Latitude | Longitude |
| Slot Location | 0.00 | 0.00 | 1644306.16 | 410140.88 | 39°37'09.161"N | 80°45'45.699"W |
| Facility Reference Pt | | | 1644306.16 | 410140.88 | 39°37'09.161"N | 80°45'45.699"W |
| Field Reference Pt | | | 1579779.94 | 549851.05 | 40°00'00.000"N | 81°00'00.000"W |

WELLPATH DATUM

| | | | |
|--------------------------|-------------------|---|-------------------|
| Calculation method | Minimum curvature | Nomac 79 (RKB) to Facility Vertical Datum | 23.00ft |
| Horizontal Reference Pt | Slot | Nomac 79 (RKB) to Mean Sea Level | 1124.00ft |
| Vertical Reference Pt | Nomac 79 (RKB) | Nomac 79 (RKB) to Mud Line at Slot (Slot #01) | 23.00ft |
| MD Reference Pt | Nomac 79 (RKB) | Section Origin | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level | Section Azimuth | 327.00° |



Actual Wellpath Report

Tracy 1H AWP Proj: 12536'

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------|----------|--------------|
| Operator | STONE ENERGY CORPORATION | Slot | Slot #01 |
| Area | Wetzel County, WV | Well | Tracy 1H |
| Field | Wetzel | Wellbore | Tracy 1H AWB |
| Facility | Tracy Pad | | |

WELLPATH DATA (134 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 | 59.780 | 0.00 | 0.00 | 0.00 | 0.00 | 1644306.16 | 410140.88 | 39°37'09.161"N | 80°45'45.699"W | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 |
| 23.00 | 0.000 | 59.780 | 23.00 | 0.00 | 0.00 | 0.00 | 1644306.16 | 410140.88 | 39°37'09.161"N | 80°45'45.699"W | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 |
| 113.00 | 0.240 | 59.780 | 113.00 | -0.01 | 0.09 | 0.16 | 1644306.32 | 410140.97 | 39°37'09.162"N | 80°45'45.697"W | 0.19 | 59.780 | 0.27 | 0.27 | 66.42 |
| 213.00 | 0.180 | 52.050 | 213.00 | -0.01 | 0.30 | 0.47 | 1644306.63 | 410141.18 | 39°37'09.164"N | 80°45'45.693"W | 0.55 | 57.594 | 0.07 | -0.06 | -7.73 |
| 313.00 | 0.090 | 38.860 | 313.00 | 0.03 | 0.45 | 0.64 | 1644306.80 | 410141.33 | 39°37'09.166"N | 80°45'45.691"W | 0.79 | 54.647 | 0.09 | -0.09 | -13.19 |
| 413.00 | 0.080 | 57.490 | 413.00 | 0.06 | 0.55 | 0.75 | 1644306.91 | 410141.43 | 39°37'09.167"N | 80°45'45.690"W | 0.93 | 53.545 | 0.03 | -0.01 | 18.63 |
| 513.00 | 0.060 | 86.370 | 513.00 | 0.03 | 0.59 | 0.86 | 1644307.02 | 410141.47 | 39°37'09.167"N | 80°45'45.688"W | 1.05 | 55.364 | 0.04 | -0.02 | 28.88 |
| 613.00 | 0.080 | 62.800 | 613.00 | 0.00 | 0.63 | 0.97 | 1644307.13 | 410141.51 | 39°37'09.168"N | 80°45'45.687"W | 1.16 | 57.143 | 0.03 | 0.02 | -23.57 |
| 713.00 | 0.040 | 33.880 | 713.00 | 0.00 | 0.69 | 1.06 | 1644307.22 | 410141.57 | 39°37'09.168"N | 80°45'45.686"W | 1.26 | 56.829 | 0.05 | -0.04 | -28.92 |
| 813.00 | 0.090 | 68.850 | 813.00 | 0.00 | 0.75 | 1.15 | 1644307.31 | 410141.63 | 39°37'09.169"N | 80°45'45.684"W | 1.37 | 56.944 | 0.06 | 0.05 | 34.97 |
| 913.00 | 0.060 | 8.430 | 913.00 | 0.02 | 0.83 | 1.23 | 1644307.39 | 410141.71 | 39°37'09.170"N | 80°45'45.683"W | 1.48 | 56.054 | 0.08 | -0.03 | -60.42 |
| 1013.00 | 0.150 | 79.720 | 1013.00 | 0.01 | 0.90 | 1.37 | 1644307.53 | 410141.78 | 39°37'09.170"N | 80°45'45.682"W | 1.64 | 56.539 | 0.14 | 0.09 | 71.29 |
| 1113.00 | 0.180 | 353.940 | 1113.00 | 0.10 | 1.08 | 1.48 | 1644307.64 | 410141.96 | 39°37'09.172"N | 80°45'45.680"W | 1.83 | 53.789 | 0.23 | 0.03 | -85.78 |
| 1150.50 | 0.290 | 354.760 | 1150.50 | 0.24 | 1.24 | 1.46 | 1644307.62 | 410142.12 | 39°37'09.174"N | 80°45'45.680"W | 1.92 | 49.828 | 0.29 | 0.29 | 2.19 |
| 1213.00 | 0.330 | 338.300 | 1213.00 | 0.56 | 1.56 | 1.38 | 1644307.54 | 410142.44 | 39°37'09.177"N | 80°45'45.682"W | 2.08 | 41.543 | 0.16 | 0.06 | -26.34 |
| 1313.00 | 0.280 | 335.910 | 1313.00 | 1.08 | 2.05 | 1.18 | 1644307.34 | 410142.93 | 39°37'09.182"N | 80°45'45.684"W | 2.36 | 29.836 | 0.05 | -0.05 | -2.39 |
| 1413.00 | 0.420 | 336.650 | 1412.99 | 1.68 | 2.61 | 0.93 | 1644307.09 | 410143.49 | 39°37'09.187"N | 80°45'45.688"W | 2.77 | 19.634 | 0.14 | 0.14 | 0.74 |
| 1513.00 | 0.550 | 333.650 | 1512.99 | 2.52 | 3.38 | 0.57 | 1644306.73 | 410144.26 | 39°37'09.195"N | 80°45'45.692"W | 3.43 | 9.629 | 0.13 | 0.13 | -3.00 |
| 1555.00 | 0.630 | 331.270 | 1554.99 | 2.95 | 3.76 | 0.37 | 1644306.53 | 410144.64 | 39°37'09.198"N | 80°45'45.695"W | 3.78 | 5.658 | 0.20 | 0.19 | -5.67 |
| 1613.00 | 0.390 | 338.070 | 1612.99 | 3.46 | 4.22 | 0.15 | 1644306.31 | 410145.10 | 39°37'09.203"N | 80°45'45.698"W | 4.23 | 1.973 | 0.43 | -0.41 | 11.72 |
| 1713.00 | 0.360 | 3.100 | 1712.98 | 4.05 | 4.85 | 0.04 | 1644306.20 | 410145.73 | 39°37'09.209"N | 80°45'45.699"W | 4.85 | 0.418 | 0.17 | -0.03 | 25.03 |
| 1813.00 | 0.370 | 3.850 | 1812.98 | 4.56 | 5.49 | 0.07 | 1644306.23 | 410146.37 | 39°37'09.215"N | 80°45'45.699"W | 5.49 | 0.773 | 0.01 | 0.01 | 0.75 |
| 1913.00 | 0.390 | 356.820 | 1912.98 | 5.12 | 6.15 | 0.08 | 1644306.24 | 410147.03 | 39°37'09.222"N | 80°45'45.699"W | 6.15 | 0.716 | 0.05 | 0.02 | -7.03 |
| 2013.00 | 0.500 | 347.360 | 2012.98 | 5.82 | 6.92 | -0.04 | 1644306.12 | 410147.80 | 39°37'09.230"N | 80°45'45.701"W | 6.92 | 359.689 | 0.13 | 0.11 | -9.46 |
| 2373.00 | 0.520 | 10.740 | 2372.96 | 8.47 | 10.05 | -0.08 | 1644306.08 | 410150.93 | 39°37'09.261"N | 80°45'45.702"W | 10.05 | 359.562 | 0.06 | 0.01 | 6.49 |
| 2525.00 | 0.500 | 5.970 | 2524.96 | 9.49 | 11.39 | 0.12 | 1644306.28 | 410152.27 | 39°37'09.274"N | 80°45'45.699"W | 11.39 | 0.607 | 0.03 | -0.01 | -3.14 |
| 2619.00 | 2.840 | 282.820 | 2618.92 | 11.48 | 12.32 | -2.11 | 1644304.05 | 410153.19 | 39°37'09.283"N | 80°45'45.728"W | 12.49 | 350.288 | 3.00 | 2.49 | -88.46 |
| 2714.00 | 4.450 | 279.320 | 2713.72 | 15.65 | 13.43 | -8.04 | 1644298.12 | 410154.31 | 39°37'09.293"N | 80°45'45.804"W | 15.66 | 329.102 | 1.71 | 1.69 | -3.68 |
| 2808.00 | 4.520 | 278.080 | 2807.43 | 20.54 | 14.55 | -15.31 | 1644290.86 | 410155.42 | 39°37'09.303"N | 80°45'45.897"W | 21.11 | 313.542 | 0.13 | 0.07 | -1.32 |
| 2902.00 | 3.940 | 273.960 | 2901.18 | 24.91 | 15.29 | -22.19 | 1644283.97 | 410156.17 | 39°37'09.309"N | 80°45'45.985"W | 26.95 | 304.562 | 0.70 | -0.62 | -4.38 |



Actual Wellpath Report

Tracy 1H AWP Proj: 12536'
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------|----------|--------------|
| Operator | STONE ENERGY CORPORATION | Slot | Slot #01 |
| Area | Wetzel County, WV | Well | Tracy 1H |
| Field | Wetzel | Wellbore | Tracy 1H AWB |
| Facility | Tracy Pad | | |

WELLPATH DATA (134 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] |
|---------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|----------------|----------------|-------------------|-----------------|---------------|----------------------|---------------------|
| 2996.00 | 4.750 | 276.910 | 2994.91 | 29.35 | 15.98 | -29.28 | 1644276.88 | 410156.86 | 39°37'09.315"N | 80°45'46.076"W | 33.36 | 298.625 | 0.89 | 0.86 | 3.14 |
| 3090.00 | 5.650 | 290.030 | 3088.52 | 35.54 | 18.03 | -37.49 | 1644268.67 | 410158.91 | 39°37'09.334"N | 80°45'46.181"W | 41.60 | 295.688 | 1.58 | 0.96 | 13.96 |
| 3184.00 | 5.780 | 292.660 | 3182.05 | 43.15 | 21.44 | -46.21 | 1644259.96 | 410162.32 | 39°37'09.367"N | 80°45'46.293"W | 50.94 | 294.894 | 0.31 | 0.14 | 2.80 |
| 3278.00 | 5.360 | 289.020 | 3275.61 | 50.52 | 24.70 | -54.73 | 1644251.44 | 410165.58 | 39°37'09.398"N | 80°45'46.403"W | 60.04 | 294.289 | 0.58 | -0.45 | -3.87 |
| 3373.00 | 4.880 | 286.740 | 3370.23 | 57.10 | 27.31 | -62.79 | 1644243.37 | 410168.19 | 39°37'09.422"N | 80°45'46.506"W | 68.47 | 293.504 | 0.55 | -0.51 | -2.40 |
| 3467.00 | 4.550 | 284.950 | 3463.91 | 62.92 | 29.42 | -70.22 | 1644235.94 | 410170.30 | 39°37'09.442"N | 80°45'46.602"W | 76.14 | 292.732 | 0.38 | -0.35 | -1.90 |
| 3561.00 | 4.150 | 282.540 | 3557.64 | 68.12 | 31.12 | -77.14 | 1644229.02 | 410172.00 | 39°37'09.458"N | 80°45'46.690"W | 83.18 | 291.970 | 0.47 | -0.43 | -2.56 |
| 3655.00 | 3.740 | 280.830 | 3651.42 | 72.67 | 32.44 | -83.47 | 1644222.69 | 410173.31 | 39°37'09.470"N | 80°45'46.771"W | 89.56 | 291.234 | 0.45 | -0.44 | -1.82 |
| 3749.00 | 4.590 | 282.180 | 3745.17 | 77.46 | 33.80 | -90.16 | 1644216.00 | 410174.68 | 39°37'09.483"N | 80°45'46.857"W | 96.29 | 290.553 | 0.91 | 0.90 | 1.44 |
| 3843.00 | 5.070 | 280.140 | 3838.84 | 82.97 | 35.33 | -97.93 | 1644208.24 | 410176.21 | 39°37'09.497"N | 80°45'46.957"W | 104.11 | 289.838 | 0.54 | 0.51 | -2.17 |
| 3940.00 | 4.630 | 276.770 | 3935.49 | 88.40 | 36.55 | -106.03 | 1644200.13 | 410177.42 | 39°37'09.508"N | 80°45'47.060"W | 112.16 | 289.017 | 0.54 | -0.45 | -3.47 |
| 4034.00 | 5.010 | 285.190 | 4029.16 | 93.89 | 38.07 | -113.76 | 1644192.40 | 410178.95 | 39°37'09.522"N | 80°45'47.159"W | 119.96 | 288.502 | 0.85 | 0.40 | 8.96 |
| 4128.00 | 4.880 | 287.220 | 4122.81 | 100.02 | 40.33 | -121.54 | 1644184.62 | 410181.21 | 39°37'09.543"N | 80°45'47.259"W | 128.06 | 288.356 | 0.23 | -0.14 | 2.16 |
| 4222.00 | 4.560 | 282.790 | 4216.49 | 105.77 | 42.34 | -129.01 | 1644177.16 | 410183.22 | 39°37'09.562"N | 80°45'47.355"W | 135.78 | 288.169 | 0.52 | -0.34 | -4.71 |
| 4317.00 | 4.330 | 278.880 | 4311.20 | 110.87 | 43.73 | -136.23 | 1644169.94 | 410184.61 | 39°37'09.574"N | 80°45'47.448"W | 143.08 | 287.796 | 0.40 | -0.24 | -4.12 |
| 4411.00 | 5.660 | 286.570 | 4404.84 | 116.77 | 45.60 | -144.18 | 1644161.99 | 410186.48 | 39°37'09.592"N | 80°45'47.549"W | 151.22 | 287.550 | 1.58 | 1.41 | 8.18 |
| 4536.00 | 6.600 | 288.770 | 4529.13 | 127.10 | 49.67 | -156.89 | 1644149.28 | 410190.54 | 39°37'09.630"N | 80°45'47.713"W | 164.57 | 287.566 | 0.77 | 0.75 | 1.76 |
| 4598.00 | 6.700 | 288.260 | 4590.71 | 132.72 | 51.95 | -163.70 | 1644142.47 | 410192.82 | 39°37'09.652"N | 80°45'47.800"W | 171.74 | 287.606 | 0.19 | 0.16 | -0.82 |
| 4692.00 | 7.730 | 286.610 | 4683.97 | 141.82 | 55.47 | -174.97 | 1644131.20 | 410196.35 | 39°37'09.685"N | 80°45'47.945"W | 183.55 | 287.591 | 1.12 | 1.10 | -1.76 |
| 4786.00 | 7.050 | 287.810 | 4777.19 | 151.10 | 59.04 | -186.52 | 1644119.66 | 410199.92 | 39°37'09.719"N | 80°45'48.093"W | 195.64 | 287.566 | 0.74 | -0.72 | 1.28 |
| 4880.00 | 6.110 | 297.840 | 4870.57 | 159.94 | 63.14 | -196.43 | 1644109.74 | 410204.02 | 39°37'09.758"N | 80°45'48.220"W | 206.33 | 287.820 | 1.58 | -1.00 | 10.67 |
| 4974.00 | 5.110 | 293.200 | 4964.12 | 167.79 | 67.13 | -204.70 | 1644101.47 | 410208.01 | 39°37'09.796"N | 80°45'48.327"W | 215.43 | 288.156 | 1.17 | -1.06 | -4.94 |
| 5068.00 | 5.870 | 282.500 | 5057.69 | 174.70 | 69.82 | -213.24 | 1644092.93 | 410210.70 | 39°37'09.822"N | 80°45'48.436"W | 224.38 | 288.129 | 1.35 | 0.81 | -11.38 |
| 5162.00 | 5.170 | 282.890 | 5151.25 | 181.17 | 71.80 | -222.07 | 1644084.11 | 410212.68 | 39°37'09.840"N | 80°45'48.549"W | 233.39 | 287.919 | 0.75 | -0.74 | 0.41 |
| 5256.00 | 4.180 | 270.600 | 5244.94 | 186.10 | 72.79 | -229.62 | 1644076.55 | 410213.66 | 39°37'09.849"N | 80°45'48.646"W | 240.88 | 287.588 | 1.49 | -1.05 | -13.07 |
| 5350.00 | 4.400 | 257.720 | 5338.68 | 189.28 | 72.05 | -236.57 | 1644069.60 | 410212.93 | 39°37'09.840"N | 80°45'48.735"W | 247.30 | 286.940 | 1.05 | 0.23 | -13.70 |
| 5444.00 | 5.480 | 273.440 | 5432.33 | 193.22 | 71.56 | -244.57 | 1644061.60 | 410212.43 | 39°37'09.834"N | 80°45'48.837"W | 254.83 | 286.308 | 1.83 | 1.15 | 16.72 |
| 5538.00 | 5.910 | 292.260 | 5525.88 | 199.86 | 73.66 | -253.53 | 1644052.64 | 410214.54 | 39°37'09.854"N | 80°45'48.952"W | 264.02 | 286.200 | 2.03 | 0.46 | 20.02 |
| 5632.00 | 4.680 | 307.870 | 5619.48 | 207.46 | 77.85 | -261.04 | 1644045.14 | 410218.72 | 39°37'09.894"N | 80°45'49.048"W | 272.40 | 286.606 | 2.00 | -1.31 | 16.61 |
| 5726.00 | 4.720 | 311.460 | 5713.16 | 214.81 | 82.76 | -266.97 | 1644039.21 | 410223.64 | 39°37'09.942"N | 80°45'49.125"W | 279.50 | 287.224 | 0.32 | 0.04 | 3.82 |



Actual Wellpath Report

Tracy 1H AWP Proj: 12536
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REFERENCE WELLPATH IDENTIFICATION

| | |
|----------|--------------------------|
| Operator | STONE ENERGY CORPORATION |
| Area | Wetzel County, WV |
| Field | Wetzel |
| Facility | Tracy Pad |
| Slot | Slot #01 |

WELLPATH DATA (134 stations)

| MD | Inclination | Azimuth | TVD | Vert Sect | North | East | Grid East | Grid North | Latitude | Longitude | Closure Dist | Dir | DLS | Build Rate | Turn Rate |
|---------|-------------|---------|---------|-----------|---------|----------|------------|------------|----------------|----------------|--------------|---------|-----------|------------|-----------|
| (ft) | (°) | (°) | (ft) | (ft) | (ft) | (ft) | (US ft) | (US ft) | (ft) | (ft) | (ft) | (°) | (°/100ft) | (°/100ft) | (°/100ft) |
| 5821.00 | 5.220 | 310.050 | 5807.80 | 222.71 | 88.13 | -273.20 | 1644032.97 | 410229.01 | 39°37'09.994"N | 80°45'49.206"W | 287.07 | 287.879 | 0.54 | 0.53 | -1.48 |
| 5915.00 | 7.440 | 304.480 | 5901.23 | 232.42 | 94.33 | -281.49 | 1644024.68 | 410235.20 | 39°37'10.054"N | 80°45'49.313"W | 296.88 | 288.526 | 2.45 | 2.36 | -5.93 |
| 5946.00 | 9.260 | 301.080 | 5931.90 | 236.52 | 96.75 | -285.29 | 1644020.89 | 410237.63 | 39°37'10.078"N | 80°45'49.362"W | 301.25 | 288.734 | 6.08 | 5.87 | -10.97 |
| 5977.00 | 10.740 | 299.840 | 5962.43 | 241.33 | 99.48 | -289.93 | 1644016.25 | 410240.35 | 39°37'10.104"N | 80°45'49.421"W | 306.52 | 288.938 | 4.82 | 4.77 | -4.00 |
| 6009.00 | 11.480 | 299.920 | 5993.83 | 246.82 | 102.55 | -295.27 | 1644010.90 | 410243.42 | 39°37'10.134"N | 80°45'49.490"W | 312.57 | 289.152 | 2.31 | 2.31 | 0.25 |
| 6094.00 | 13.780 | 295.340 | 6076.77 | 262.97 | 111.10 | -311.76 | 1643994.42 | 410251.98 | 39°37'10.216"N | 80°45'49.702"W | 330.96 | 289.615 | 2.95 | 2.71 | -5.39 |
| 6189.00 | 18.060 | 288.530 | 6168.11 | 284.14 | 120.63 | -335.96 | 1643970.22 | 410261.50 | 39°37'10.307"N | 80°45'50.013"W | 356.96 | 289.751 | 4.91 | 4.51 | -7.17 |
| 6284.00 | 24.330 | 288.200 | 6256.64 | 310.95 | 131.43 | -368.54 | 1643937.64 | 410272.30 | 39°37'10.409"N | 80°45'50.432"W | 391.28 | 289.628 | 6.60 | 6.60 | -0.35 |
| 6379.00 | 31.580 | 290.580 | 6340.50 | 346.27 | 146.31 | -410.48 | 1643895.71 | 410287.18 | 39°37'10.550"N | 80°45'50.970"W | 435.77 | 289.618 | 7.72 | 7.63 | 2.51 |
| 6474.00 | 34.840 | 294.000 | 6419.98 | 389.06 | 166.10 | -458.57 | 1643847.61 | 410306.97 | 39°37'10.739"N | 80°45'51.588"W | 487.73 | 289.911 | 3.96 | 3.43 | 3.60 |
| 6569.00 | 41.890 | 298.260 | 6494.43 | 439.70 | 192.19 | -511.38 | 1643794.82 | 410333.06 | 39°37'10.989"N | 80°45'52.268"W | 546.30 | 290.598 | 7.92 | 7.42 | 4.48 |
| 6664.00 | 50.570 | 299.940 | 6560.09 | 500.30 | 225.58 | -571.22 | 1643734.97 | 410366.45 | 39°37'11.311"N | 80°45'53.038"W | 614.15 | 291.550 | 9.23 | 9.14 | 1.77 |
| 6758.00 | 53.160 | 300.760 | 6618.13 | 566.38 | 262.95 | -635.01 | 1643671.19 | 410403.81 | 39°37'11.671"N | 80°45'53.860"W | 687.30 | 292.493 | 2.84 | 2.76 | 0.87 |
| 6852.00 | 58.990 | 304.340 | 6670.58 | 637.37 | 304.95 | -700.67 | 1643605.53 | 410445.81 | 39°37'12.077"N | 80°45'54.707"W | 764.16 | 293.520 | 6.96 | 6.20 | 3.81 |
| 6947.00 | 65.860 | 308.030 | 6714.54 | 716.04 | 354.69 | -768.53 | 1643537.68 | 410496.55 | 39°37'12.569"N | 80°45'55.583"W | 846.43 | 294.775 | 8.01 | 7.23 | 3.88 |
| 7042.00 | 72.090 | 313.290 | 6748.63 | 801.08 | 412.48 | -835.68 | 1643470.53 | 410553.34 | 39°37'13.121"N | 80°45'56.451"W | 931.93 | 296.271 | 8.35 | 6.56 | 5.54 |
| 7136.00 | 77.000 | 319.020 | 6773.69 | 890.00 | 477.81 | -898.35 | 1643407.87 | 410618.66 | 39°37'13.758"N | 80°45'57.264"W | 1017.52 | 298.008 | 7.86 | 5.22 | 6.10 |
| 7231.00 | 84.820 | 322.650 | 6788.70 | 983.18 | 550.50 | -957.51 | 1643348.71 | 410691.34 | 39°37'14.468"N | 80°45'58.033"W | 1104.48 | 299.896 | 9.05 | 8.23 | 3.82 |
| 7326.00 | 88.980 | 325.270 | 6793.83 | 1077.88 | 627.18 | -1013.30 | 1643292.92 | 410768.02 | 39°37'15.218"N | 80°45'58.759"W | 1191.70 | 301.755 | 5.17 | 4.38 | 2.76 |
| 7421.00 | 89.200 | 325.500 | 6795.67 | 1172.83 | 705.35 | -1067.26 | 1643238.96 | 410846.19 | 39°37'15.983"N | 80°45'59.463"W | 1279.29 | 303.461 | 0.34 | 0.23 | 0.24 |
| 7516.00 | 89.200 | 325.440 | 6796.67 | 1267.79 | 783.61 | -1121.11 | 1643185.12 | 410924.44 | 39°37'16.749"N | 80°46'00.165"W | 1367.82 | 304.952 | 0.06 | 0.00 | -0.06 |
| 7611.00 | 89.350 | 326.190 | 6797.87 | 1362.76 | 862.19 | -1174.48 | 1643131.75 | 411003.02 | 39°37'17.518"N | 80°46'00.861"W | 1456.97 | 306.283 | 0.81 | 0.16 | 0.79 |
| 7691.00 | 89.880 | 327.060 | 6791.78 | 1742.66 | 1182.35 | -1379.00 | 1642927.25 | 411323.16 | 39°37'20.653"N | 80°46'03.532"W | 1816.48 | 310.610 | 0.80 | 0.72 | 0.37 |
| 7896.00 | 91.880 | 327.630 | 6787.74 | 1837.57 | 1262.22 | -1430.28 | 1642875.97 | 411403.02 | 39°37'21.436"N | 80°46'04.202"W | 1907.59 | 311.428 | 1.27 | 1.17 | -0.49 |
| 8181.00 | 92.000 | 324.880 | 6783.61 | 1932.46 | 1341.08 | -1483.06 | 1642823.19 | 411481.88 | 39°37'22.208"N | 80°46'04.890"W | 1999.50 | 312.122 | 2.98 | -1.04 | -2.79 |
| 8275.00 | 92.430 | 323.590 | 6779.97 | 2026.28 | 1417.30 | -1537.96 | 1642768.29 | 411558.09 | 39°37'22.953"N | 80°46'05.606"W | 2091.43 | 312.662 | 1.45 | 0.46 | -1.37 |
| 8370.00 | 91.630 | 321.000 | 6776.61 | 2120.89 | 1492.41 | -1596.02 | 1642710.24 | 411633.19 | 39°37'23.687"N | 80°46'06.361"W | 2185.08 | 313.078 | 2.85 | -0.84 | -2.73 |



Actual Wellpath Report

Tracy 1H AWP Proj: 12536'

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------|----------|--------------|
| Operator | STONE ENERGY CORPORATION | Slot | Slot #01 |
| Area | Wetzel County, WV | Well | Tracy 1H |
| Field | Wetzel | Wellbore | Tracy 1H AWB |
| Facility | Tracy Pad | | |

| WELLPATH DATA (134 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] |
| 8466.00 | 91.350 | 322.190 | 6774.11 | 2216.43 | 1567.61 | -1655.64 | 1642650.62 | 411708.39 | 39°37'24.422"N | 80°46'07.136"W | 2280.03 | 313.436 | 1.27 | -0.29 | 1.24 |
| 8561.00 | 91.450 | 323.900 | 6771.79 | 2311.17 | 1643.50 | -1712.73 | 1642593.53 | 411784.28 | 39°37'25.164"N | 80°46'07.880"W | 2373.72 | 313.818 | 1.80 | 0.11 | 1.80 |
| 8655.00 | 90.520 | 320.530 | 6770.17 | 2404.82 | 1717.76 | -1770.31 | 1642535.96 | 411858.54 | 39°37'25.890"N | 80°46'08.629"W | 2466.72 | 314.137 | 3.72 | -0.99 | -3.59 |
| 8750.00 | 91.600 | 323.880 | 6768.42 | 2499.45 | 1792.81 | -1828.51 | 1642477.76 | 411933.58 | 39°37'26.623"N | 80°46'09.386"W | 2560.78 | 314.435 | 3.70 | 1.14 | 3.53 |
| 8845.00 | 90.520 | 327.680 | 6766.66 | 2594.40 | 1871.33 | -1881.91 | 1642424.36 | 412012.10 | 39°37'27.392"N | 80°46'10.083"W | 2653.96 | 314.839 | 4.16 | -1.14 | 4.00 |
| 8940.00 | 91.080 | 330.090 | 6765.33 | 2689.33 | 1952.65 | -1931.00 | 1642375.28 | 412093.41 | 39°37'28.189"N | 80°46'10.725"W | 2746.20 | 315.319 | 2.60 | 0.59 | 2.54 |
| 9034.00 | 91.230 | 327.240 | 6763.44 | 2783.26 | 2032.92 | -1979.87 | 1642326.42 | 412173.67 | 39°37'28.975"N | 80°46'11.364"W | 2837.71 | 315.757 | 3.04 | 0.16 | -3.03 |
| 9129.00 | 91.510 | 329.430 | 6761.16 | 2878.20 | 2113.75 | -2029.72 | 1642276.57 | 412254.50 | 39°37'29.767"N | 80°46'12.015"W | 2930.48 | 316.162 | 2.32 | 0.29 | 2.31 |
| 9224.00 | 91.540 | 330.780 | 6758.64 | 2973.03 | 2196.08 | -2077.05 | 1642229.24 | 412336.82 | 39°37'30.574"N | 80°46'12.635"W | 3022.73 | 316.596 | 1.42 | 0.03 | 1.42 |
| 9319.00 | 91.570 | 329.870 | 6756.06 | 3067.83 | 2278.58 | -2124.06 | 1642182.23 | 412419.32 | 39°37'31.383"N | 80°46'13.251"W | 3115.06 | 317.010 | 0.96 | 0.03 | -0.96 |
| 9414.00 | 91.480 | 331.610 | 6753.53 | 3162.59 | 2361.43 | -2170.48 | 1642135.81 | 412502.17 | 39°37'32.195"N | 80°46'13.859"W | 3207.39 | 317.413 | 1.83 | -0.09 | 1.83 |
| 9509.00 | 91.170 | 329.340 | 6751.33 | 3257.38 | 2444.07 | -2217.28 | 1642089.01 | 412584.80 | 39°37'33.005"N | 80°46'14.472"W | 3299.97 | 317.785 | 2.41 | -0.33 | -2.39 |
| 9604.00 | 90.650 | 325.420 | 6749.82 | 3352.35 | 2524.06 | -2268.48 | 1642037.82 | 412664.78 | 39°37'33.788"N | 80°46'15.140"W | 3393.65 | 318.053 | 4.16 | -0.55 | -4.13 |
| 9698.00 | 90.800 | 327.050 | 6748.63 | 3446.33 | 2602.19 | -2320.71 | 1641985.59 | 412742.91 | 39°37'34.553"N | 80°46'15.822"W | 3486.70 | 318.272 | 1.74 | 0.16 | 1.73 |
| 9793.00 | 91.350 | 328.290 | 6746.85 | 3541.31 | 2682.45 | -2371.51 | 1641934.80 | 412823.16 | 39°37'35.339"N | 80°46'16.486"W | 3580.44 | 318.521 | 1.43 | 0.58 | 1.31 |
| 9887.00 | 91.290 | 326.770 | 6744.69 | 3635.28 | 2761.73 | -2421.96 | 1641884.35 | 412902.44 | 39°37'36.115"N | 80°46'17.145"W | 3673.29 | 318.750 | 1.62 | -0.06 | -1.62 |
| 9982.00 | 91.750 | 324.450 | 6742.17 | 3730.21 | 2840.09 | -2475.59 | 1641830.72 | 412980.80 | 39°37'36.882"N | 80°46'17.844"W | 3767.58 | 318.923 | 2.49 | 0.48 | -2.44 |
| 10077.00 | 91.020 | 323.150 | 6739.87 | 3825.03 | 2916.73 | -2531.68 | 1641774.63 | 413057.43 | 39°37'37.632"N | 80°46'18.575"W | 3862.22 | 319.042 | 1.57 | -0.77 | -1.37 |
| 10171.00 | 91.080 | 327.400 | 6738.15 | 3918.95 | 2993.96 | -2585.21 | 1641721.11 | 413134.65 | 39°37'38.388"N | 80°46'19.273"W | 3955.64 | 319.190 | 4.52 | 0.06 | 4.52 |
| 10266.00 | 91.230 | 325.560 | 6736.23 | 4013.92 | 3073.14 | -2637.66 | 1641668.66 | 413213.83 | 39°37'39.163"N | 80°46'19.957"W | 4049.87 | 319.361 | 1.94 | 0.16 | -1.94 |
| 10361.00 | 90.890 | 322.780 | 6734.47 | 4108.78 | 3150.14 | -2693.25 | 1641613.07 | 413290.83 | 39°37'39.916"N | 80°46'20.682"W | 4144.51 | 319.471 | 2.95 | -0.36 | -2.93 |
| 10456.00 | 90.920 | 326.980 | 6732.97 | 4203.68 | 3227.82 | -2747.89 | 1641558.44 | 413368.50 | 39°37'40.676"N | 80°46'21.394"W | 4239.07 | 319.592 | 4.42 | 0.03 | 4.42 |
| 10551.00 | 91.020 | 327.770 | 6731.36 | 4298.67 | 3307.82 | -2799.10 | 1641507.23 | 413448.49 | 39°37'41.459"N | 80°46'22.063"W | 4333.20 | 319.762 | 0.84 | 0.11 | 0.83 |
| 10646.00 | 90.830 | 330.550 | 6729.83 | 4393.58 | 3389.36 | -2847.79 | 1641458.55 | 413530.04 | 39°37'42.258"N | 80°46'22.700"W | 4426.93 | 319.963 | 2.93 | -0.20 | 2.93 |
| 10740.00 | 91.450 | 334.280 | 6727.96 | 4487.12 | 3472.65 | -2891.30 | 1641415.04 | 413613.31 | 39°37'43.075"N | 80°46'23.271"W | 4518.73 | 320.219 | 4.02 | 0.66 | 3.97 |
| 10835.00 | 91.940 | 332.000 | 6725.15 | 4581.53 | 3557.35 | -2934.20 | 1641372.14 | 413698.02 | 39°37'43.906"N | 80°46'23.834"W | 4611.32 | 320.483 | 2.45 | 0.52 | -2.40 |
| 10930.00 | 91.510 | 330.970 | 6722.29 | 4676.19 | 3640.79 | -2979.53 | 1641326.81 | 413781.45 | 39°37'44.724"N | 80°46'24.429"W | 4704.57 | 320.704 | 1.17 | -0.45 | -1.08 |
| 11025.00 | 91.450 | 330.020 | 6719.84 | 4770.98 | 3723.44 | -3026.30 | 1641280.04 | 413864.09 | 39°37'45.535"N | 80°46'25.042"W | 4798.18 | 320.897 | 1.00 | -0.06 | -1.00 |
| 11120.00 | 91.540 | 331.700 | 6717.36 | 4865.73 | 3806.39 | -3072.54 | 1641233.80 | 413947.03 | 39°37'46.348"N | 80°46'25.647"W | 4891.74 | 321.089 | 1.77 | 0.09 | 1.77 |
| 11215.00 | 91.450 | 333.450 | 6714.88 | 4960.25 | 3890.68 | -3116.28 | 1641190.07 | 414031.32 | 39°37'47.175"N | 80°46'26.222"W | 4984.84 | 321.307 | 1.84 | -0.09 | 1.84 |



Actual Wellpath Report

Tracy 1H AWP Proj: 12536'

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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------|----------|--------------|
| Operator | STONE ENERGY CORPORATION | Slot | Slot #01 |
| Area | Wetzel County, WV | Well | Tracy 1H |
| Field | Wetzel | Wellbore | Tracy 1H AWB |
| Facility | Tracy Pad | | |

WELLPATH DATA (134 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] |
|----------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|----------------|----------------|-------------------|-----------------|---------------|----------------------|---------------------|
| 11310.00 | 91.110 | 328.360 | 6712.75 | 5054.97 | 3973.64 | -3162.45 | 1641143.90 | 414114.28 | 39°37'47.988"N | 80°46'26.827"W | 5078.48 | 321.485 | 5.37 | -0.36 | -5.36 |
| 11404.00 | 91.170 | 326.260 | 6710.88 | 5148.95 | 4052.73 | -3213.21 | 1641093.15 | 414193.37 | 39°37'48.763"N | 80°46'27.490"W | 5171.98 | 321.591 | 2.23 | 0.06 | -2.23 |
| 11499.00 | 91.170 | 328.640 | 6708.94 | 5243.92 | 4132.79 | -3264.31 | 1641042.05 | 414273.42 | 39°37'49.547"N | 80°46'28.157"W | 5266.46 | 321.696 | 2.50 | 0.00 | 2.51 |
| 11595.00 | 91.200 | 325.460 | 6706.96 | 5339.88 | 4213.32 | -3316.50 | 1640989.86 | 414353.94 | 39°37'50.335"N | 80°46'28.839"W | 5362.02 | 321.792 | 3.31 | 0.03 | -3.31 |
| 11690.00 | 90.950 | 325.350 | 6705.18 | 5434.83 | 4291.51 | -3370.43 | 1640935.93 | 414432.13 | 39°37'51.100"N | 80°46'29.542"W | 5456.82 | 321.855 | 0.29 | -0.26 | -0.12 |
| 11785.00 | 91.170 | 327.930 | 6703.42 | 5529.80 | 4370.83 | -3422.66 | 1640883.71 | 414511.45 | 39°37'51.877"N | 80°46'30.224"W | 5551.47 | 321.937 | 2.73 | 0.23 | 2.72 |
| 11879.00 | 91.020 | 326.900 | 6701.62 | 5623.78 | 4450.02 | -3473.27 | 1640833.10 | 414590.63 | 39°37'52.652"N | 80°46'30.885"W | 5645.03 | 322.028 | 1.11 | -0.16 | -1.10 |
| 11974.00 | 91.080 | 325.240 | 6699.88 | 5718.75 | 4528.83 | -3526.29 | 1640780.09 | 414669.43 | 39°37'53.423"N | 80°46'31.577"W | 5739.78 | 322.095 | 1.75 | 0.06 | -1.75 |
| 12070.00 | 91.050 | 323.210 | 6698.10 | 5814.62 | 4606.70 | -3582.40 | 1640723.98 | 414747.30 | 39°37'54.185"N | 80°46'32.308"W | 5835.69 | 322.130 | 2.11 | -0.03 | -2.11 |
| 12164.00 | 91.110 | 325.860 | 6696.32 | 5908.51 | 4683.24 | -3636.92 | 1640669.46 | 414823.83 | 39°37'54.934"N | 80°46'33.019"W | 5929.58 | 322.168 | 2.82 | 0.06 | 2.82 |
| 12259.00 | 91.230 | 326.030 | 6694.38 | 6003.47 | 4761.93 | -3690.11 | 1640616.27 | 414902.52 | 39°37'55.704"N | 80°46'33.713"W | 6024.36 | 322.227 | 0.22 | 0.13 | 0.18 |
| 12354.00 | 91.020 | 325.530 | 6692.52 | 6098.43 | 4840.47 | -3743.53 | 1640562.86 | 414981.05 | 39°37'56.473"N | 80°46'34.410"W | 6119.16 | 322.282 | 0.57 | -0.22 | -0.53 |
| 12448.00 | 91.200 | 323.570 | 6690.70 | 6192.32 | 4917.03 | -3798.03 | 1640508.36 | 415057.60 | 39°37'57.222"N | 80°46'35.120"W | 6213.07 | 322.317 | 2.09 | 0.19 | -2.09 |
| 12536.00 | 91.200 | 323.570 | 6688.85 | 6280.14 | 4987.81 | -3850.28 | 1640456.12 | 415128.39 | 39°37'57.914"N | 80°46'35.801"W | 6301.03 | 322.334 | 0.00 | 0.00 | 0.00 |

HOLE & CASING SECTIONS - Ref Wellbore: Tracy 1H AWB Ref Wellpath: Tracy 1H AWP Proj: 12536'

| 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] |
|-----------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 20in Conductor | 23.00 | 103.00 | 80.00 | 23.00 | 103.00 | 0.00 | 0.00 | 0.07 | 0.13 |
| 17.5in Open Hole | 103.00 | 1112.00 | 1009.00 | 103.00 | 1112.00 | 0.07 | 0.13 | 1.08 | 1.48 |
| 13.375in Casing Surface | 23.00 | 1112.00 | 1089.00 | 23.00 | 1112.00 | 0.00 | 0.00 | 1.08 | 1.48 |
| 12.25in Open Hole | 1112.00 | 2397.00 | 1285.00 | 1112.00 | 2396.96 | 1.08 | 1.48 | 10.27 | -0.04 |
| 9.625in Casing Intermediate | 23.00 | 2397.00 | 2374.00 | 23.00 | 2396.96 | 0.00 | 0.00 | 10.27 | -0.04 |



Actual Wellpath Report

Tracy 1H AWP Proj: 12536'

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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------|----------|--------------|
| Operator | STONE ENERGY CORPORATION | Slot | Slot #01 |
| Area | Wetzel County, WV | Well | Tracy 1H |
| Field | Wetzel | Wellbore | Tracy 1H AWB |
| Facility | Tracy Pad | | |

TARGETS

| Name | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude | Longitude | Shape |
|--------------------|-------------|---------------|--------------|----------------------|-----------------------|----------------|----------------|-------|
| Tracy 1H BHL Rev-1 | 6692.37 | 4995.43 | -3842.40 | 1640464.00 | 415136.00 | 39°37'57.990"N | 80°46'35.702"W | point |
| Tracy 1H LP Rev-1 | 6784.00 | 592.82 | -983.31 | 1643322.91 | 410733.66 | 39°37'14.883"N | 80°45'58.370"W | point |

WELLPATH COMPOSITION - Ref Wellbore: Tracy 1H AWB Ref Wellpath: Tracy 1H AWP Proj: 12536'

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|-------------------------------|--|--------------|
| 23.00 | 2013.00 | SDI Keeper v1.04 | 01 SDI Gyro <12-1/4"> (100'-2000') | Tracy 1H AWB |
| 2013.00 | 6009.00 | ISCWSA MWD, Rev. 3 (Standard) | 02 SDI MWD <8-7/8"> (2000')(2360'-5996') | Tracy 1H AWB |
| 6009.00 | 12448.00 | BHI AutoTrak Curve (Short) | 03_BHI AT Curve <8-3/4"> (6009')(6094'-12448') | Tracy 1H AWB |
| 12448.00 | 12536.00 | Blind Drilling (std) | Projection to bit | Tracy 1H AWB |



Actual Wellpath Report

Tracy 1H AWP Proj: 12536'

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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------|----------|--------------|
| Operator | STONE ENERGY CORPORATION | Slot | Slot #01 |
| Area | Wetzel County, WV | Well | Tracy 1H |
| Field | Wetzel | Wellbore | Tracy 1H AWB |
| Facility | Tracy Pad | | |

COMMENTS

Wellpath general comments

API: 47-103-02922-0000

BHI Job #: 8169148

Rig: Nomac 79

Duration: 9/26/2016-9/28/2016

SDI Gyro <12-1/4"> (100'-2000')

SDI MWD <8-7/8"> (2000')(2360'-5996')

BHI AT Curve <8-3/4"> (6009')(6094'-12448')

Projected MD at TD: 12536'