



Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 1 of 9



Where energy meets innovation.

| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 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 | 0.999967 | Report Generated | 04/Aug/2017 at 22:04 |
| Convergence at slot | 0.95° West | Database/Source file | WA_MPL_EASTERNUS_Defn/PUL-96_515966_AWP_Proj_13259_.xml |

| WELLPATH LOCATION | Local coordinates | | Grid coordinates | | Geographic coordinates | |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|----------------|
| | North[ft] | East[ft] | Easting[US ft] | Northing[US ft] | Latitude | Longitude |
| Slot Location | 105.44 | 57.30 | 1578950.12 | 262511.67 | 39°12'40.278"N | 80°59'09.591"W |
| Facility Reference Pt | | | 1578892.82 | 262406.23 | 39°12'39.227"N | 80°59'10.296"W |
| Field Reference Pt | | | 609601.22 | 0.00 | 38°23'48.753"N | 84°21'09.765"W |

| WELLPATH DATUM | | | |
|--------------------------|-------------------|---|-------------------|
| Calculation method | Minimum curvature | Savanna 655 (RKB) to Facility Vertical Datum | 1199.00ft |
| Horizontal Reference Pt | Slot | Savanna 655 (RKB) to Mean Sea Level | 1199.00ft |
| Vertical Reference Pt | Savanna 655 (RKB) | Savanna 655 (RKB) to Ground Level at Slot (Slot 515966) | 16.00ft |
| MD Reference Pt | Savanna 655 (RKB) | Section Origin | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level | Section Azimuth | 355.35° |

RECEIVED
Office of Oil and Gas

DEC 4 2017

WV Department of
Environmental Protection

02/16/2018



Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 2 of 9



Where energy meets Innovation.

| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 Pad | | |

| WELLPATH DATA (210 stations) † = interpolated/extrapolated station | | | | | | | | | | | |
|--|--------------------|----------------|-------------|---------------|-------------------|---------------|--------------|------------------|-------------------------|------------------------|----------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | TVDSS [ft] | Vert Sect [ft] | North [ft] | East [ft] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments |
| 0.00 | 0.000 | 130.180 | 0.00 | -1199.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 16.00 | 0.000 | 130.180 | 16.00 | -1183.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 103.00 | 0.320 | 130.180 | 103.00 | -1096.00 | -0.17 | -0.16 | 0.19 | 0.37 | 0.37 | 149.63 | |
| 203.00 | 0.350 | 136.880 | 203.00 | -996.00 | -0.61 | -0.56 | 0.61 | 0.05 | 0.03 | 6.70 | |
| 303.00 | 0.330 | 149.690 | 303.00 | -896.00 | -1.11 | -1.03 | 0.96 | 0.08 | -0.02 | 12.81 | |
| 403.00 | 0.230 | 138.600 | 402.99 | -796.01 | -1.53 | -1.43 | 1.24 | 0.11 | -0.10 | -11.09 | |
| 503.00 | 0.280 | 131.970 | 502.99 | -696.01 | -1.86 | -1.74 | 1.55 | 0.06 | 0.05 | -6.63 | |
| 603.00 | 0.260 | 125.290 | 602.99 | -596.01 | -2.19 | -2.04 | 1.92 | 0.04 | -0.02 | -6.68 | |
| 703.00 | 1.130 | 279.830 | 702.99 | -496.01 | -2.09 | -2.00 | 1.13 | 1.37 | 0.87 | 154.54 | |
| 803.00 | 1.200 | 279.050 | 802.97 | -396.03 | -1.59 | -1.67 | -0.87 | 0.07 | 0.07 | -0.78 | |
| 903.00 | 1.220 | 277.330 | 902.94 | -296.06 | -1.12 | -1.37 | -2.96 | 0.04 | 0.02 | -1.72 | |
| 1003.00 | 1.210 | 277.320 | 1002.92 | -196.08 | -0.68 | -1.10 | -5.06 | 0.01 | -0.01 | -0.01 | |
| 1103.00 | 1.060 | 277.350 | 1102.90 | -96.10 | -0.27 | -0.84 | -7.03 | 0.15 | -0.15 | 0.03 | |
| 1203.00 | 0.920 | 271.650 | 1202.89 | 3.89 | 0.01 | -0.70 | -8.75 | 0.17 | -0.14 | -5.70 | |
| 1303.00 | 0.910 | 256.930 | 1302.87 | 103.87 | -0.02 | -0.86 | -10.32 | 0.23 | -0.01 | -14.72 | |
| 1403.00 | 0.970 | 240.570 | 1402.86 | 203.86 | -0.49 | -1.46 | -11.84 | 0.27 | 0.06 | -16.36 | |
| 1503.00 | 1.080 | 226.750 | 1502.85 | 303.85 | -1.43 | -2.52 | -13.26 | 0.27 | 0.11 | -13.82 | |
| 1603.00 | 1.180 | 210.490 | 1602.83 | 403.83 | -2.86 | -4.05 | -14.47 | 0.33 | 0.10 | -16.26 | |
| 1703.00 | 1.420 | 196.570 | 1702.80 | 503.80 | -4.86 | -6.13 | -15.34 | 0.39 | 0.24 | -13.92 | |
| 1803.00 | 1.580 | 187.850 | 1802.77 | 603.77 | -7.36 | -8.68 | -15.89 | 0.28 | 0.18 | -8.72 | |
| 1903.00 | 1.880 | 179.300 | 1902.72 | 703.72 | -10.34 | -11.68 | -16.05 | 0.39 | 0.30 | -8.55 | |
| 2003.00 | 1.950 | 178.500 | 2002.67 | 803.67 | -13.68 | -15.03 | -15.99 | 0.07 | 0.07 | -0.80 | |
| 2103.00 | 1.230 | 185.910 | 2102.63 | 903.63 | -16.43 | -17.79 | -16.05 | 0.75 | -0.72 | 7.41 | |
| 2203.00 | 1.080 | 88.440 | 2202.61 | 1003.61 | -17.54 | -18.84 | -15.22 | 1.74 | -0.15 | -97.47 | |
| 2303.00 | 4.820 | 70.480 | 2302.46 | 1103.46 | -16.51 | -17.41 | -10.32 | 3.81 | 3.74 | -17.96 | |
| 2403.00 | 5.250 | 78.510 | 2402.08 | 1203.08 | -14.89 | -15.09 | -1.88 | 0.82 | 0.43 | 8.03 | |
| 2503.00 | 3.160 | 109.530 | 2501.82 | 1302.82 | -15.47 | -15.10 | 5.21 | 3.02 | -2.09 | 31.02 | |
| 2603.00 | 2.820 | 118.430 | 2601.68 | 1402.68 | -17.94 | -17.19 | 9.97 | 0.57 | -0.34 | 8.90 | |
| 2703.00 | 2.160 | 119.870 | 2701.59 | 1502.59 | -20.36 | -19.30 | 13.76 | 0.66 | -0.66 | 1.44 | |
| 2803.00 | 1.490 | 122.100 | 2801.53 | 1602.53 | -22.20 | -20.93 | 16.50 | 0.67 | -0.67 | 2.23 | |

RECEIVED
Office of Oil and Gas
DEC 4 2017
WV Department of
Environmental Protection

02/16/2018



Where energy meets Innovation.

Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 3 of 9



| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 Pad | | |

| WELLPATH DATA (210 stations) | | | | | | | | | | | |
|------------------------------|-----------------|-------------|----------|------------|----------------|------------|-----------|---------------|----------------------|---------------------|----------------------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | TVDSS [ft] | Vert Sect [ft] | North [ft] | East [ft] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments |
| 2903.00 | 1.130 | 120.790 | 2901.51 | 1702.51 | -23.55 | -22.13 | 18.45 | 0.36 | -0.36 | -1.31 | |
| 3003.00 | 0.740 | 120.810 | 3001.50 | 1802.50 | -24.50 | -22.96 | 19.85 | 0.39 | -0.39 | 0.02 | |
| 3103.00 | 0.550 | 120.470 | 3101.49 | 1902.49 | -25.15 | -23.54 | 20.82 | 0.19 | -0.19 | -0.34 | |
| 3203.00 | 0.480 | 125.020 | 3201.48 | 2002.48 | -25.69 | -24.02 | 21.58 | 0.08 | -0.07 | 4.55 | |
| 3303.00 | 0.400 | 131.580 | 3301.48 | 2102.48 | -26.21 | -24.49 | 22.18 | 0.09 | -0.08 | 6.56 | |
| 3403.00 | 0.430 | 138.920 | 3401.48 | 2202.48 | -26.76 | -25.01 | 22.69 | 0.06 | 0.03 | 7.34 | |
| 3503.00 | 0.360 | 143.120 | 3501.48 | 2302.48 | -27.33 | -25.54 | 23.12 | 0.08 | -0.07 | 4.20 | |
| 3603.00 | 0.320 | 148.040 | 3601.47 | 2402.47 | -27.85 | -26.03 | 23.46 | 0.05 | -0.04 | 4.92 | |
| 3703.00 | 0.300 | 147.340 | 3701.47 | 2502.47 | -28.33 | -26.49 | 23.75 | 0.02 | -0.02 | -0.70 | |
| 3803.00 | 0.310 | 147.110 | 3801.47 | 2602.47 | -28.80 | -26.94 | 24.04 | 0.01 | 0.01 | -0.23 | |
| 3903.00 | 0.330 | 143.090 | 3901.47 | 2702.47 | -29.28 | -27.39 | 24.36 | 0.03 | 0.02 | -4.02 | |
| 4003.00 | 0.330 | 134.740 | 4001.47 | 2802.47 | -29.74 | -27.83 | 24.73 | 0.05 | 0.00 | -8.35 | |
| 4103.00 | 0.310 | 133.030 | 4101.47 | 2902.47 | -30.16 | -28.21 | 25.14 | 0.02 | -0.02 | -1.71 | |
| 4203.00 | 0.260 | 109.970 | 4201.47 | 3002.47 | -30.45 | -28.47 | 25.55 | 0.12 | -0.05 | -23.06 | |
| 4303.00 | 0.240 | 127.610 | 4301.47 | 3102.47 | -30.69 | -28.68 | 25.93 | 0.08 | -0.02 | 17.64 | |
| 4403.00 | 0.370 | 165.260 | 4401.46 | 3202.46 | -31.15 | -29.12 | 26.17 | 0.23 | 0.13 | 37.65 | |
| 4503.00 | 0.350 | 202.560 | 4501.46 | 3302.46 | -31.74 | -29.71 | 26.14 | 0.23 | -0.02 | 37.30 | |
| 4603.00 | 0.330 | 222.410 | 4601.46 | 3402.46 | -32.20 | -30.21 | 25.83 | 0.12 | -0.02 | 19.85 | |
| 4703.00 | 0.260 | 257.320 | 4701.46 | 3502.46 | -32.43 | -30.47 | 25.41 | 0.19 | -0.07 | 34.91 | |
| 4803.00 | 0.350 | 282.390 | 4801.46 | 3602.46 | -32.37 | -30.46 | 24.89 | 0.16 | 0.09 | 25.07 | |
| 4903.00 | 0.670 | 307.800 | 4901.45 | 3702.45 | -31.89 | -30.03 | 24.13 | 0.38 | 0.32 | 25.41 | |
| 4923.00 | 0.770 | 303.680 | 4921.45 | 3722.45 | -31.73 | -29.89 | 23.93 | 0.56 | 0.50 | -20.60 | Gyro Tie In=4923' MD |
| 4981.00 | 0.600 | 312.270 | 4979.45 | 3780.45 | -31.26 | -29.47 | 23.38 | 0.34 | -0.29 | 14.81 | KOP 1=4981' MD |
| 5024.00 | 3.000 | 77.760 | 5022.43 | 3823.43 | -30.95 | -29.08 | 24.31 | 7.87 | 5.58 | 291.84 | |
| 5068.00 | 7.990 | 82.380 | 5066.21 | 3867.21 | -30.64 | -28.43 | 28.47 | 11.38 | 11.34 | 10.50 | |
| 5111.00 | 13.010 | 80.360 | 5108.48 | 3909.48 | -30.06 | -27.22 | 36.21 | 11.70 | 11.67 | -4.70 | |
| 5155.00 | 17.190 | 75.640 | 5150.95 | 3951.95 | -28.54 | -24.77 | 47.40 | 9.89 | 9.50 | -10.73 | |
| 5199.00 | 20.680 | 79.510 | 5192.57 | 3993.57 | -26.65 | -21.75 | 61.34 | 8.43 | 7.93 | 8.80 | |
| 5241.00 | 23.860 | 81.710 | 5231.43 | 4032.43 | -25.35 | -19.17 | 77.04 | 7.83 | 7.57 | 5.24 | |
| 5285.00 | 26.610 | 81.240 | 5271.23 | 4072.23 | -24.08 | -16.39 | 95.59 | 6.27 | 6.25 | -1.07 | |

RECEIVED
Office of Oil and Gas
DEC 4 2017
WV Department of
Environmental Protection

02/16/2018



Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 4 of 9



Where energy meets innovation.

| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 Pad | | |

| WELLPATH DATA (210 stations) | | | | | | | | | | | |
|------------------------------|--------------------|----------------|-------------|--------------|-------------------|---------------|--------------|------------------|-------------------------|------------------------|----------------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | TVSS [ft] | Vert Sect [ft] | North [ft] | East [ft] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments |
| 5328.00 | 30.010 | 81.370 | 5309.08 | 4110.08 | -22.65 | -13.31 | 115.75 | 7.91 | 7.91 | 0.30 | |
| 5372.00 | 33.370 | 80.860 | 5346.51 | 4147.51 | -20.93 | -9.73 | 138.58 | 7.66 | 7.64 | -1.16 | |
| 5416.00 | 35.330 | 79.330 | 5382.84 | 4183.84 | -18.65 | -5.45 | 163.03 | 4.87 | 4.45 | -3.48 | |
| 5459.00 | 36.090 | 78.920 | 5417.75 | 4218.75 | -15.93 | -0.72 | 187.68 | 1.85 | 1.77 | -0.95 | |
| 5503.00 | 38.260 | 79.270 | 5452.81 | 4253.81 | -13.03 | 4.31 | 213.78 | 4.96 | 4.93 | 0.80 | |
| 5546.00 | 38.600 | 81.040 | 5486.50 | 4287.50 | -10.62 | 8.88 | 240.12 | 2.68 | 0.79 | 4.12 | |
| 5590.00 | 38.270 | 80.570 | 5520.96 | 4321.96 | -8.45 | 13.25 | 267.12 | 1.00 | -0.75 | -1.07 | |
| 5632.00 | 38.940 | 77.510 | 5553.79 | 4354.79 | -5.57 | 18.23 | 292.84 | 4.82 | 1.60 | -7.29 | |
| 5674.00 | 39.030 | 75.950 | 5586.43 | 4387.43 | -1.60 | 24.30 | 318.55 | 2.35 | 0.21 | -3.71 | |
| 5718.00 | 40.030 | 77.350 | 5620.37 | 4421.37 | 2.63 | 30.76 | 345.80 | 3.04 | 2.27 | 3.18 | |
| 5762.00 | 39.520 | 79.220 | 5654.19 | 4455.19 | 6.09 | 36.48 | 373.36 | 2.96 | -1.16 | 4.25 | |
| 5805.00 | 39.150 | 82.620 | 5687.45 | 4488.45 | 8.20 | 40.78 | 400.26 | 5.08 | -0.86 | 7.91 | |
| 5849.00 | 39.720 | 83.720 | 5721.44 | 4522.44 | 9.26 | 44.10 | 428.01 | 2.05 | 1.30 | 2.50 | |
| 5893.00 | 39.140 | 83.070 | 5755.42 | 4556.42 | 10.21 | 47.32 | 455.77 | 1.62 | -1.32 | -1.48 | |
| 5925.00 | 39.310 | 82.960 | 5780.21 | 4581.21 | 11.04 | 49.78 | 475.86 | 0.57 | 0.53 | -0.34 | KOP 2=5925' MD |
| 5979.00 | 35.100 | 80.040 | 5823.21 | 4624.21 | 13.19 | 54.56 | 508.14 | 8.45 | -7.80 | -5.41 | |
| 6011.00 | 32.830 | 79.230 | 5849.75 | 4650.75 | 14.97 | 57.78 | 525.73 | 7.23 | -7.09 | -2.53 | |
| 6042.00 | 34.000 | 78.190 | 5875.63 | 4676.63 | 16.94 | 61.12 | 542.47 | 4.20 | 3.77 | -3.35 | |
| 6074.00 | 37.680 | 78.090 | 5901.56 | 4702.56 | 19.29 | 64.97 | 560.80 | 11.50 | 11.50 | -0.31 | |
| 6106.00 | 41.220 | 78.700 | 5926.27 | 4727.27 | 21.75 | 69.06 | 580.72 | 11.13 | 11.06 | 1.91 | |
| 6137.00 | 43.310 | 75.960 | 5949.21 | 4750.21 | 24.67 | 73.64 | 601.05 | 8.99 | 6.74 | -8.84 | |
| 6169.00 | 44.140 | 70.850 | 5972.35 | 4773.35 | 29.25 | 79.96 | 622.23 | 11.34 | 2.59 | -15.97 | |
| 6201.00 | 44.240 | 64.480 | 5995.30 | 4796.30 | 36.02 | 88.43 | 642.84 | 13.88 | 0.31 | -19.91 | |
| 6232.00 | 44.330 | 58.280 | 6017.50 | 4818.50 | 44.81 | 98.79 | 661.82 | 13.96 | 0.29 | -20.00 | |
| 6264.00 | 44.590 | 52.670 | 6040.35 | 4841.35 | 55.96 | 111.48 | 680.27 | 12.30 | 0.81 | -17.53 | |
| 6296.00 | 45.180 | 48.280 | 6063.03 | 4864.03 | 68.87 | 125.85 | 697.68 | 9.85 | 1.84 | -13.72 | |
| 6327.00 | 45.850 | 44.540 | 6084.76 | 4885.76 | 82.77 | 141.09 | 713.69 | 8.87 | 2.16 | -12.06 | |
| 6357.00 | 46.410 | 41.540 | 6105.55 | 4906.55 | 97.33 | 156.90 | 728.44 | 7.45 | 1.87 | -10.00 | |
| 6390.00 | 46.850 | 38.180 | 6128.22 | 4929.22 | 114.43 | 175.31 | 743.81 | 7.52 | 1.33 | -10.18 | |
| 6421.00 | 45.450 | 36.320 | 6149.69 | 4950.69 | 131.07 | 193.10 | 757.35 | 6.25 | -4.52 | -6.00 | |

RECEIVED
Office of Oil and Gas
DEC 4 2017
WV Department of
Environmental Protection

02/16/2018



Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 5 of 9



Where energy meets innovation.

| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 Pad | | |

| WELLPATH DATA (210 stations) | | | | | | | | | | | |
|------------------------------|--------------------|----------------|-------------|---------------|-------------------|---------------|--------------|------------------|-------------------------|------------------------|---------------------------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | TVDSS [ft] | Vert Sect [ft] | North [ft] | East [ft] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments |
| 6453.00 | 46.280 | 33.290 | 6171.98 | 4972.98 | 148.80 | 211.96 | 770.45 | 7.27 | 2.59 | -9.47 | |
| 6485.00 | 48.910 | 30.360 | 6193.56 | 4994.56 | 167.80 | 232.03 | 782.89 | 10.64 | 8.22 | -9.16 | |
| 6516.00 | 52.070 | 28.830 | 6213.28 | 5014.28 | 187.57 | 252.83 | 794.70 | 10.88 | 10.19 | -4.94 | |
| 6548.00 | 54.750 | 27.720 | 6232.35 | 5033.35 | 209.14 | 275.46 | 806.86 | 8.83 | 8.37 | -3.47 | |
| 6580.00 | 57.860 | 26.860 | 6250.10 | 5051.10 | 231.73 | 299.12 | 819.07 | 9.97 | 9.72 | -2.69 | |
| 6611.00 | 60.280 | 26.210 | 6266.04 | 5067.04 | 254.48 | 322.91 | 830.94 | 8.01 | 7.81 | -2.10 | |
| 6643.00 | 62.160 | 24.770 | 6281.44 | 5082.44 | 278.74 | 348.22 | 843.01 | 7.08 | 5.87 | -4.50 | |
| 6674.00 | 64.320 | 21.890 | 6295.40 | 5096.40 | 303.18 | 373.64 | 853.96 | 10.83 | 6.97 | -9.29 | |
| 6706.00 | 65.820 | 18.260 | 6308.89 | 5109.89 | 329.53 | 400.89 | 863.92 | 11.30 | 4.69 | -11.34 | |
| 6738.00 | 66.480 | 14.520 | 6321.84 | 5122.84 | 356.84 | 428.96 | 872.17 | 10.89 | 2.06 | -11.69 | |
| 6769.00 | 67.150 | 10.330 | 6334.04 | 5135.04 | 384.07 | 456.78 | 878.30 | 12.61 | 2.16 | -13.52 | |
| 6801.00 | 68.150 | 5.960 | 6346.22 | 5147.22 | 412.93 | 486.07 | 882.48 | 13.01 | 3.13 | -13.66 | |
| 6833.00 | 69.250 | 1.290 | 6357.85 | 5158.85 | 442.42 | 515.81 | 884.36 | 14.02 | 3.44 | -14.59 | |
| 6864.00 | 71.310 | 356.670 | 6368.31 | 5169.31 | 471.53 | 544.98 | 883.84 | 15.52 | 6.65 | -14.90 | |
| 6896.00 | 74.910 | 354.120 | 6377.61 | 5178.61 | 502.15 | 575.49 | 881.37 | 13.59 | 11.25 | -7.97 | |
| 6928.00 | 79.610 | 352.750 | 6384.66 | 5185.66 | 533.33 | 606.49 | 877.80 | 15.27 | 14.69 | -4.28 | |
| 6959.00 | 84.490 | 350.540 | 6388.95 | 5189.95 | 563.96 | 636.85 | 873.34 | 17.25 | 15.74 | -7.13 | |
| 6991.00 | 88.950 | 349.220 | 6390.78 | 5191.78 | 595.75 | 668.30 | 867.73 | 14.53 | 13.94 | -4.13 | P=6991' MD / 6390.78' TVD |
| 7022.00 | 89.540 | 347.820 | 6391.19 | 5192.19 | 626.53 | 698.67 | 861.56 | 4.90 | 1.90 | -4.52 | |
| 7054.00 | 89.170 | 346.110 | 6391.55 | 5192.55 | 658.18 | 729.84 | 854.34 | 5.47 | -1.16 | -5.34 | |
| 7117.00 | 89.080 | 342.590 | 6392.51 | 5193.51 | 720.01 | 790.49 | 837.35 | 5.59 | -0.14 | -5.59 | |
| 7181.00 | 89.110 | 338.700 | 6393.52 | 5194.52 | 781.89 | 850.86 | 816.15 | 6.08 | 0.05 | -6.08 | |
| 7245.00 | 87.880 | 338.550 | 6395.20 | 5196.20 | 843.16 | 910.43 | 792.83 | 1.94 | -1.92 | -0.23 | |
| 7308.00 | 87.170 | 340.430 | 6397.93 | 5198.93 | 903.70 | 969.38 | 770.78 | 3.19 | -1.13 | 2.98 | |
| 7371.00 | 87.230 | 342.720 | 6401.00 | 5202.00 | 964.81 | 1029.07 | 750.89 | 3.63 | 0.10 | 3.63 | |
| 7432.00 | 88.520 | 348.140 | 6403.27 | 5204.27 | 1024.84 | 1088.05 | 735.56 | 9.13 | 2.11 | 8.89 | |
| 7495.00 | 90.310 | 350.440 | 6403.91 | 5204.91 | 1087.48 | 1149.94 | 723.86 | 4.63 | 2.84 | 3.65 | |
| 7559.00 | 90.120 | 350.670 | 6403.67 | 5204.67 | 1151.25 | 1213.07 | 713.35 | 0.47 | -0.30 | 0.36 | |
| 7622.00 | 90.520 | 351.390 | 6403.32 | 5204.32 | 1214.07 | 1275.30 | 703.53 | 1.31 | 0.63 | 1.14 | |
| 7685.00 | 91.610 | 351.720 | 6402.20 | 5203.20 | 1276.92 | 1337.61 | 694.28 | 1.66 | 1.57 | 0.52 | |

RECEIVED
Office of Oil and Gas
DEC 4 2017
WV Department of
Environmental Protection

02/16/2018



Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 6 of 9



Where energy meets innovation.

| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 Pad | | |

| WELLPATH DATA (210 stations) | | | | | | | | | | | |
|------------------------------|--------------------|----------------|-------------|---------------|-------------------|---------------|--------------|------------------|-------------------------|------------------------|----------|
| MD (ft) | Inclination (°) | Azimuth (°) | TVD (ft) | TVDSS (ft) | Vert Sect (ft) | North (ft) | East (ft) | DLS (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | Comments |
| 7749.00 | 91.200 | 349.220 | 6400.69 | 5201.69 | 1340.67 | 1400.70 | 683.69 | 3.94 | -0.48 | -3.91 | |
| 7812.00 | 90.490 | 346.960 | 6399.76 | 5200.76 | 1403.15 | 1462.34 | 670.69 | 3.76 | -1.13 | -3.59 | |
| 7875.00 | 89.820 | 345.450 | 6399.59 | 5200.59 | 1465.35 | 1523.52 | 655.67 | 2.62 | -1.06 | -2.40 | |
| 7939.00 | 90.090 | 344.820 | 6399.64 | 5200.64 | 1528.33 | 1585.37 | 639.25 | 1.07 | 0.42 | -0.98 | |
| 8002.00 | 90.740 | 343.500 | 6399.18 | 5200.18 | 1590.13 | 1645.98 | 622.05 | 2.34 | 1.03 | -2.10 | |
| 8065.00 | 89.910 | 339.640 | 6398.83 | 5199.83 | 1651.30 | 1705.73 | 602.14 | 6.27 | -1.32 | -6.13 | |
| 8128.00 | 89.780 | 341.340 | 6399.00 | 5200.00 | 1712.19 | 1765.11 | 581.10 | 2.71 | -0.21 | 2.70 | |
| 8191.00 | 89.420 | 342.590 | 6399.44 | 5200.44 | 1773.48 | 1825.02 | 561.60 | 2.06 | -0.57 | 1.98 | |
| 8254.00 | 88.860 | 346.940 | 6400.38 | 5201.38 | 1835.39 | 1885.78 | 545.05 | 6.96 | -0.89 | 6.90 | |
| 8317.00 | 89.750 | 350.250 | 6401.15 | 5202.15 | 1897.94 | 1947.52 | 532.59 | 5.44 | 1.41 | 5.25 | |
| 8381.00 | 89.780 | 351.060 | 6401.41 | 5202.41 | 1961.72 | 2010.67 | 522.20 | 1.27 | 0.05 | 1.27 | |
| 8444.00 | 89.720 | 351.210 | 6401.68 | 5202.68 | 2024.55 | 2072.92 | 512.49 | 0.26 | -0.10 | 0.24 | |
| 8507.00 | 89.660 | 350.330 | 6402.02 | 5203.02 | 2087.35 | 2135.10 | 502.39 | 1.40 | -0.10 | -1.40 | |
| 8570.00 | 89.820 | 347.840 | 6402.31 | 5203.31 | 2149.96 | 2196.96 | 490.46 | 3.96 | 0.25 | -3.95 | |
| 8633.00 | 89.940 | 346.950 | 6402.44 | 5203.44 | 2212.36 | 2258.44 | 476.71 | 1.43 | 0.19 | -1.41 | |
| 8697.00 | 89.820 | 346.920 | 6402.58 | 5203.58 | 2275.67 | 2320.78 | 462.24 | 0.19 | -0.19 | -0.05 | |
| 8760.00 | 89.570 | 345.570 | 6402.91 | 5203.91 | 2337.87 | 2381.97 | 447.27 | 2.18 | -0.40 | -2.14 | |
| 8823.00 | 89.420 | 345.320 | 6403.47 | 5204.47 | 2399.93 | 2442.95 | 431.43 | 0.46 | -0.24 | -0.40 | |
| 8886.00 | 89.570 | 345.630 | 6404.02 | 5205.02 | 2461.99 | 2503.93 | 415.63 | 0.55 | 0.24 | 0.49 | |
| 8949.00 | 90.060 | 346.010 | 6404.23 | 5205.23 | 2524.12 | 2565.01 | 400.20 | 0.98 | 0.78 | 0.60 | |
| 9013.00 | 90.580 | 344.560 | 6403.87 | 5204.87 | 2587.14 | 2626.91 | 383.95 | 2.41 | 0.81 | -2.27 | |
| 9075.00 | 89.750 | 341.740 | 6403.69 | 5204.69 | 2647.73 | 2686.24 | 365.98 | 4.74 | -1.34 | -4.55 | |
| 9138.00 | 89.260 | 342.370 | 6404.23 | 5205.23 | 2709.04 | 2746.17 | 346.57 | 1.27 | -0.78 | 1.00 | |
| 9201.00 | 89.050 | 343.850 | 6405.16 | 5206.16 | 2770.60 | 2806.45 | 328.26 | 2.37 | -0.33 | 2.35 | |
| 9264.00 | 88.520 | 345.870 | 6406.50 | 5207.50 | 2832.53 | 2867.24 | 311.81 | 3.31 | -0.84 | 3.21 | |
| 9327.00 | 89.320 | 350.440 | 6407.69 | 5208.69 | 2895.00 | 2928.87 | 298.89 | 7.36 | 1.27 | 7.25 | |
| 9390.00 | 88.650 | 352.190 | 6408.80 | 5209.80 | 2957.83 | 2991.14 | 289.38 | 2.97 | -1.06 | 2.78 | |
| 9454.00 | 89.260 | 352.940 | 6409.97 | 5210.97 | 3021.75 | 3054.59 | 281.10 | 1.51 | 0.95 | 1.17 | |
| 9517.00 | 89.260 | 352.470 | 6410.78 | 5211.78 | 3084.67 | 3117.07 | 273.10 | 0.75 | 0.00 | -0.75 | |
| 9581.00 | 89.450 | 350.800 | 6411.50 | 5212.50 | 3148.53 | 3180.39 | 263.79 | 2.63 | 0.30 | -2.61 | |

RECEIVED
Office of Oil and Gas
DEC 4 2017
WV Department of
Environmental Protection

02/16/2018



Where energy meets innovation.

Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 7 of 9



| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 Pad | | |

| WELLPATH DATA (210 stations) | | | | | | | | | | | |
|------------------------------|--------------------|----------------|-------------|---------------|-------------------|---------------|--------------|------------------|-------------------------|------------------------|----------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | TVDSS [ft] | Vert Sect [ft] | North [ft] | East [ft] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments |
| 9644.00 | 89.970 | 347.220 | 6411.82 | 5212.82 | 3211.14 | 3242.22 | 251.78 | 5.74 | 0.83 | -5.68 | |
| 9707.00 | 89.750 | 343.730 | 6411.98 | 5212.98 | 3273.19 | 3303.20 | 235.98 | 5.55 | -0.35 | -5.54 | |
| 9770.00 | 88.950 | 341.280 | 6412.69 | 5213.69 | 3334.61 | 3363.27 | 217.05 | 4.09 | -1.27 | -3.89 | |
| 9833.00 | 87.720 | 344.460 | 6414.52 | 5215.52 | 3396.08 | 3423.44 | 198.50 | 5.41 | -1.95 | 5.05 | |
| 9896.00 | 86.830 | 349.560 | 6417.52 | 5218.52 | 3458.33 | 3484.74 | 184.36 | 8.21 | -1.41 | 8.10 | |
| 9959.00 | 90.180 | 352.920 | 6419.16 | 5220.16 | 3521.13 | 3546.97 | 174.77 | 7.53 | 5.32 | 5.33 | |
| 10022.00 | 89.750 | 351.620 | 6419.20 | 5220.20 | 3584.03 | 3609.39 | 166.30 | 2.17 | -0.68 | -2.06 | |
| 10085.00 | 90.740 | 352.470 | 6418.93 | 5219.93 | 3646.93 | 3671.79 | 157.58 | 2.07 | 1.57 | 1.35 | |
| 10149.00 | 91.170 | 348.820 | 6417.87 | 5218.87 | 3710.69 | 3734.92 | 147.18 | 5.74 | 0.67 | -5.70 | |
| 10212.00 | 90.000 | 344.070 | 6417.22 | 5218.22 | 3772.91 | 3796.14 | 132.42 | 7.76 | -1.86 | -7.54 | |
| 10275.00 | 89.660 | 343.950 | 6417.41 | 5218.41 | 3834.68 | 3856.70 | 115.06 | 0.57 | -0.54 | -0.19 | |
| 10338.00 | 89.690 | 345.590 | 6417.77 | 5218.77 | 3896.60 | 3917.49 | 98.52 | 2.60 | 0.05 | 2.60 | |
| 10401.00 | 89.630 | 346.340 | 6418.14 | 5219.14 | 3958.76 | 3978.60 | 83.24 | 1.19 | -0.10 | 1.19 | |
| 10465.00 | 89.600 | 346.900 | 6418.57 | 5219.57 | 4022.02 | 4040.86 | 68.43 | 0.88 | -0.05 | 0.88 | |
| 10528.00 | 89.660 | 345.590 | 6418.98 | 5219.98 | 4084.22 | 4102.05 | 53.45 | 2.08 | 0.10 | -2.08 | |
| 10591.00 | 89.630 | 346.900 | 6419.37 | 5220.37 | 4146.42 | 4163.25 | 38.47 | 2.08 | -0.05 | 2.08 | |
| 10654.00 | 89.690 | 348.880 | 6419.74 | 5220.74 | 4208.89 | 4224.84 | 25.25 | 3.14 | 0.10 | 3.14 | |
| 10718.00 | 89.720 | 349.240 | 6420.07 | 5221.07 | 4272.50 | 4287.68 | 13.11 | 0.56 | 0.05 | 0.56 | |
| 10781.00 | 89.350 | 349.540 | 6420.58 | 5221.58 | 4335.16 | 4349.60 | 1.51 | 0.76 | -0.59 | 0.48 | |
| 10845.00 | 89.420 | 351.230 | 6421.27 | 5222.27 | 4398.91 | 4412.69 | -9.18 | 2.64 | 0.11 | 2.64 | |
| 10908.00 | 89.480 | 353.180 | 6421.87 | 5222.87 | 4461.81 | 4475.10 | -17.72 | 3.10 | 0.10 | 3.10 | |
| 10971.00 | 89.940 | 350.810 | 6422.19 | 5223.19 | 4524.70 | 4537.48 | -26.50 | 3.83 | 0.73 | -3.76 | |
| 11034.00 | 89.450 | 348.570 | 6422.53 | 5223.53 | 4587.38 | 4599.46 | -37.77 | 3.64 | -0.78 | -3.56 | |
| 11097.00 | 89.140 | 348.370 | 6423.30 | 5224.30 | 4649.93 | 4661.19 | -50.36 | 0.59 | -0.49 | -0.32 | |
| 11161.00 | 89.380 | 348.040 | 6424.13 | 5225.13 | 4713.42 | 4723.83 | -63.44 | 0.64 | 0.38 | -0.52 | |
| 11223.00 | 89.290 | 345.410 | 6424.85 | 5225.85 | 4774.71 | 4784.16 | -77.68 | 4.24 | -0.15 | -4.24 | |
| 11286.00 | 89.630 | 342.620 | 6425.44 | 5226.44 | 4836.48 | 4844.72 | -95.02 | 4.46 | 0.54 | -4.43 | |
| 11349.00 | 89.290 | 339.800 | 6426.04 | 5227.04 | 4897.56 | 4904.35 | -115.31 | 4.51 | -0.54 | -4.48 | |
| 11413.00 | 89.140 | 341.160 | 6426.92 | 5227.92 | 4959.41 | 4964.67 | -136.70 | 2.14 | -0.23 | 2.13 | |
| 11476.00 | 89.110 | 343.570 | 6427.88 | 5228.88 | 5020.78 | 5024.69 | -155.78 | 3.83 | -0.05 | 3.83 | |

RECEIVED
Office of Oil and Gas
DEC 4 2017
WV Department of
Environmental Protection

02/16/2018



Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 8 of 9



Where energy meets innovation.

| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 Pad | | |

| WELLPATH DATA (210 stations) † = interpolated/extrapolated station | | | | | | | | | | | |
|--|--------------------|----------------|-------------|---------------|-------------------|---------------|--------------|------------------|-------------------------|------------------------|--|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | TVDSS [ft] | Vert Sect [ft] | North [ft] | East [ft] | DLS [°/100ft] | Build Rate [°/100ft] | Turn Rate [°/100ft] | Comments |
| 11539.00 | 89.080 | 344.660 | 6428.87 | 5229.87 | 5082.57 | 5085.28 | -173.02 | 1.73 | -0.05 | 1.73 | |
| 11602.00 | 89.200 | 345.020 | 6429.82 | 5230.82 | 5144.50 | 5146.08 | -189.49 | 0.60 | 0.19 | 0.57 | |
| 11665.00 | 88.860 | 346.490 | 6430.88 | 5231.88 | 5206.61 | 5207.13 | -204.99 | 2.39 | -0.54 | 2.33 | |
| 11728.00 | 89.170 | 349.330 | 6431.97 | 5232.97 | 5269.07 | 5268.72 | -218.18 | 4.53 | 0.49 | 4.51 | |
| 11791.00 | 89.110 | 353.400 | 6432.91 | 5233.91 | 5331.89 | 5330.99 | -227.64 | 6.46 | -0.10 | 6.46 | |
| 11853.00 | 89.570 | 355.000 | 6433.63 | 5234.63 | 5393.87 | 5392.66 | -233.91 | 2.69 | 0.74 | 2.58 | |
| 11917.00 | 89.820 | 351.860 | 6433.97 | 5234.97 | 5457.83 | 5456.23 | -241.23 | 4.92 | 0.39 | -4.91 | |
| 11980.00 | 89.630 | 348.700 | 6434.27 | 5235.27 | 5520.57 | 5518.32 | -251.86 | 5.02 | -0.30 | -5.02 | |
| 12043.00 | 89.510 | 348.060 | 6434.74 | 5235.74 | 5583.11 | 5580.03 | -264.55 | 1.03 | -0.19 | -1.02 | |
| 12106.00 | 89.630 | 351.400 | 6435.22 | 5236.22 | 5645.79 | 5642.01 | -275.78 | 5.30 | 0.19 | 5.30 | |
| 12169.00 | 89.450 | 351.780 | 6435.72 | 5236.72 | 5708.66 | 5704.33 | -284.99 | 0.67 | -0.29 | 0.60 | |
| 12233.00 | 89.570 | 349.100 | 6436.27 | 5237.27 | 5772.41 | 5767.43 | -295.62 | 4.19 | 0.19 | -4.19 | |
| 12295.00 | 89.570 | 344.760 | 6436.74 | 5237.74 | 5833.73 | 5827.81 | -309.64 | 7.00 | 0.00 | -7.00 | |
| 12358.00 | 89.320 | 341.980 | 6437.35 | 5238.35 | 5895.35 | 5888.16 | -327.67 | 4.43 | -0.40 | -4.41 | |
| 12422.00 | 89.450 | 342.810 | 6438.03 | 5239.03 | 5957.71 | 5949.16 | -347.02 | 1.31 | 0.20 | 1.30 | |
| 12484.00 | 89.480 | 342.880 | 6438.61 | 5239.61 | 6018.24 | 6008.40 | -365.31 | 0.12 | 0.05 | 0.11 | |
| 12548.00 | 89.600 | 343.150 | 6439.13 | 5240.13 | 6080.76 | 6069.61 | -384.00 | 0.46 | 0.19 | 0.42 | |
| 12611.00 | 89.630 | 342.430 | 6439.55 | 5240.55 | 6142.25 | 6129.79 | -402.64 | 1.14 | 0.05 | -1.14 | |
| 12674.00 | 89.540 | 342.840 | 6440.01 | 5241.01 | 6203.70 | 6189.91 | -421.45 | 0.67 | -0.14 | 0.65 | |
| 12737.00 | 89.540 | 344.470 | 6440.51 | 5241.51 | 6265.39 | 6250.36 | -439.17 | 2.59 | 0.00 | 2.59 | |
| 12800.00 | 89.480 | 348.100 | 6441.05 | 5242.05 | 6327.59 | 6311.55 | -454.11 | 5.76 | -0.10 | 5.76 | |
| 12863.00 | 89.540 | 350.270 | 6441.59 | 5242.59 | 6390.22 | 6373.43 | -465.93 | 3.45 | 0.10 | 3.44 | |
| 12926.00 | 89.910 | 350.940 | 6441.89 | 5242.89 | 6453.01 | 6435.58 | -476.21 | 1.21 | 0.59 | 1.06 | |
| 12989.00 | 89.940 | 350.400 | 6441.97 | 5242.97 | 6515.80 | 6497.75 | -486.43 | 0.86 | 0.05 | -0.86 | |
| 13053.00 | 89.970 | 349.640 | 6442.02 | 5243.02 | 6579.52 | 6560.78 | -497.52 | 1.19 | 0.05 | -1.19 | |
| 13116.00 | 89.970 | 348.730 | 6442.06 | 5243.06 | 6642.15 | 6622.66 | -509.34 | 1.44 | 0.00 | -1.44 | |
| 13180.00 | 89.940 | 346.200 | 6442.11 | 5243.11 | 6705.54 | 6685.13 | -523.23 | 3.95 | -0.05 | -3.95 | |
| 13207.00† | 90.000 | 344.850 | 6442.12 | 5243.12 | 6732.15 | 6711.27 | -529.98 | 5.00 | 0.22 | -5.00 | Deepest Point of Well=13207' MD / 6442.12' TVD |
| 13234.00 | 90.060 | 343.500 | 6442.11 | 5243.11 | 6758.63 | 6737.25 | -537.34 | 5.00 | 0.22 | -5.00 | Final Survey=13234' MD / 6442.11' TVD |
| 13259.00 | 90.060 | 343.500 | 6442.08 | 5243.08 | 6783.10 | 6761.22 | -544.44 | 0.00 | 0.00 | 0.00 | Projection to TD=13259' MD / 6442.08' TVD |

RECEIVED
Office of Oil and Gas
DEC 4 2017
WV Department of
Environmental Protection

| HOLE & CASING SECTIONS - Ref Wellbore: PUL-96 515966 AWB Ref Wellpath: PUL-96 515966 AWP Proj: 13259' | | | | | | | | | |
|---|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| 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] |
| 26in Conductor | 16.00 | 63.00 | 47.00 | 16.00 | 63.00 | 0.00 | 0.00 | -0.05 | 0.05 |
| 17.5in Open Hole | 63.00 | 655.00 | 592.00 | 63.00 | 654.99 | -0.05 | 0.05 | -2.09 | 1.80 |
| 13.375in Casing Surface | 16.00 | 655.00 | 639.00 | 16.00 | 654.99 | 0.00 | 0.00 | -2.09 | 1.80 |
| 12.25in Open Hole | 655.00 | 2563.00 | 1908.00 | 654.99 | 2561.73 | -2.09 | 1.80 | -16.30 | 8.17 |
| 9.625in Casing Intermediate | 16.00 | 2563.00 | 2547.00 | 16.00 | 2561.73 | 0.00 | 0.00 | -16.30 | 8.17 |
| 8.75in Open Hole | 2563.00 | 5997.00 | 3434.00 | 2561.73 | 5838.06 | -16.30 | 8.17 | 56.36 | 518.17 |
| 8.5in Open Hole | 5997.00 | 13259.00 | 7262.00 | 5838.06 | 6442.08 | 56.36 | 518.17 | 6761.22 | -544.44 |
| 5.5in Casing Production | 16.00 | 13259.00 | 13243.00 | 16.00 | 6442.08 | 0.00 | 0.00 | 6761.22 | -544.44 |

| TARGETS | | | | | | | | |
|-------------------------|-------------|---------------|--------------|----------------------|-----------------------|----------------|----------------|---------|
| Name | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude | Longitude | Shape |
| PUL-96 515966 BHL Rev-1 | 6365.00 | 6760.95 | -549.76 | 1578400.38 | 269272.38 | 39°13'47.003"N | 80°59'17.997"W | point |
| PUL-96 515966 LP Rev-1 | 6365.00 | 715.54 | 834.86 | 1579784.95 | 263227.18 | 39°12'47.486"N | 80°58'59.136"W | point |
| PUL-96 Hardlines Rev-1 | 6500.00 | 2321.23 | 679.07 | 1579629.17 | 264832.82 | 39°13'03.329"N | 80°59'01.452"W | polygon |

| WELLPATH COMPOSITION - Ref Wellbore: PUL-96 515966 AWB Ref Wellpath: PUL-96 515966 AWP Proj: 13259' | | | | |
|---|----------------|---|--|-------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 16.00 | 4923.00 | Gyrodata standard - Drop gyro or Multi-shot | 01 Gyrodata MS Gyro <8-3/4"> (103'-4923') | PUL-96 515966 AWB |
| 4923.00 | 5925.00 | OWSG MWD rev2 - Standard | 02 SDI MWD <8-3/4"> (4923')(4981'-5925') | PUL-96 515966 AWB |
| 5925.00 | 13234.00 | BHI AutoTrak Curve (Short) | 03 BHI AT Curve <8-1/2"> (5925')(5979'-13234') | PUL-96 515966 AWB |
| 13234.00 | 13259.00 | Blind Drilling (std) | Projection to bit | PUL-96 515966 AWB |

02/18/2018



Where energy meets innovation.

Actual Wellpath Report

PUL-96 515966 AWP Proj: 13259'

Page 9 of 9



| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------|----------|-------------------|
| Operator | EQT | Slot | Slot 515966 |
| Area | Ritchie County, WV | Well | PUL-96 515966 |
| Field | Ritchie | Wellbore | PUL-96 515966 AWB |
| Facility | PUL-96 Pad | | |

| WELLPATH COMMENTS | | | | |
|-------------------|--------------------|----------------|-------------|--|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Comment |
| 4923.00 | 0.770 | 303.680 | 4921.45 | Gyro Tie In=4923' MD |
| 4981.00 | 0.600 | 312.270 | 4979.45 | KOP 1=4981' MD |
| 5925.00 | 39.310 | 82.960 | 5780.21 | KOP 2=5925' MD |
| 6991.00 | 88.950 | 349.220 | 6390.78 | LP=6991' MD / 6390.78' TVD |
| 13207.00 | 90.000 | 344.850 | 6442.12 | Deepest Point of Well=13207' MD / 6442.12' TVD |
| 13234.00 | 90.060 | 343.500 | 6442.11 | Final Survey=13234' MD / 6442.11' TVD |
| 13259.00 | 90.060 | 343.500 | 6442.08 | Projection to TD=13259' MD / 6442.08' TVD |

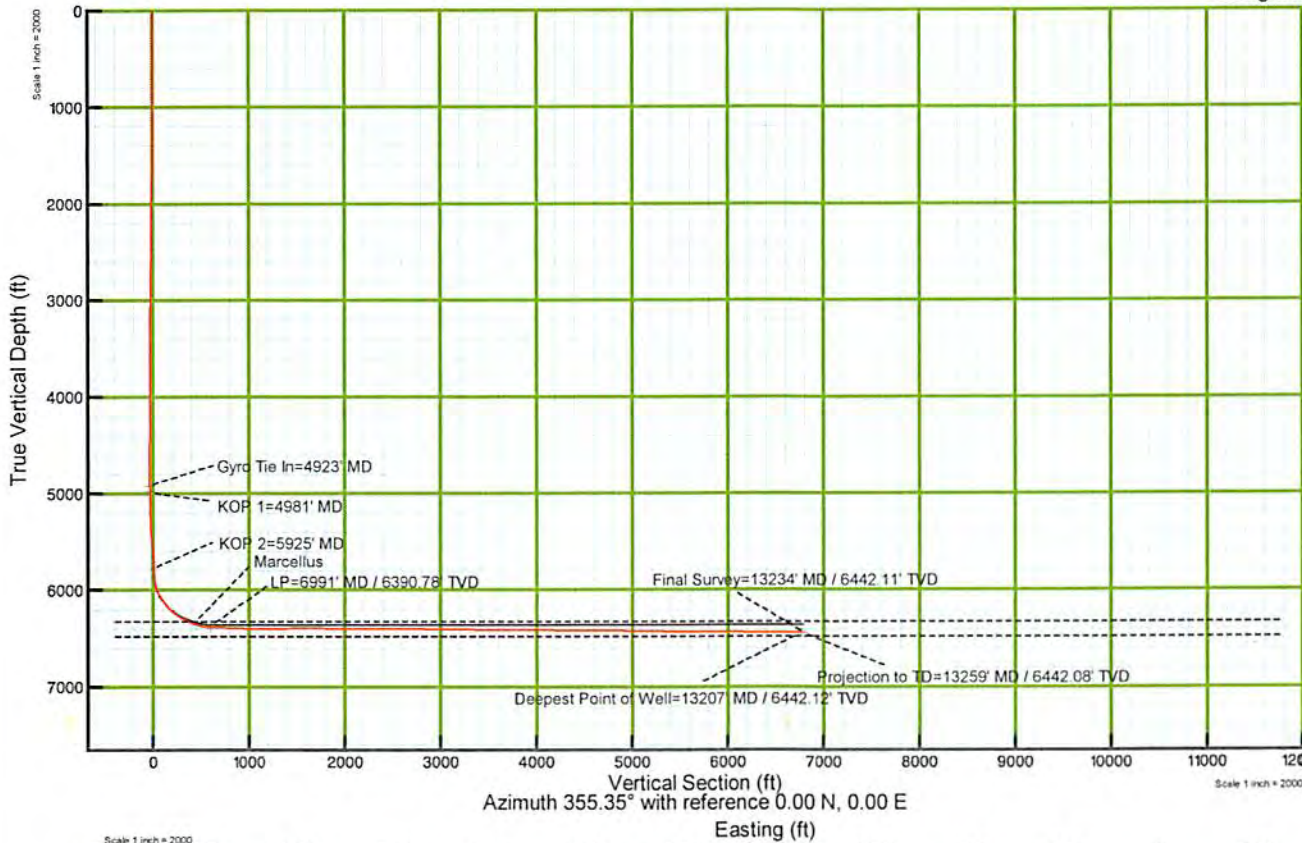
RECEIVED
Office of Oil and Gas

DEC 4 2017

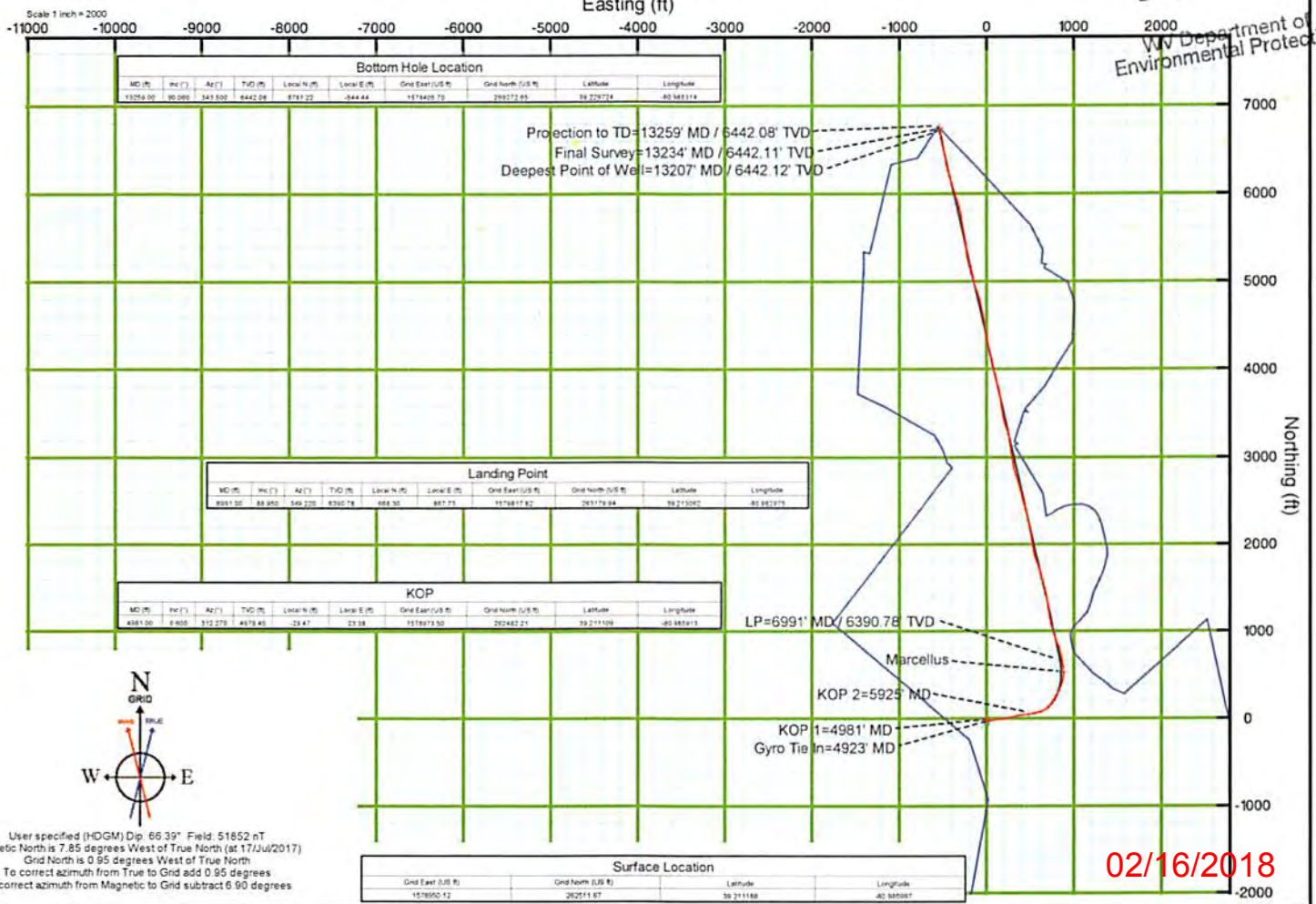
WV Department of
Environmental Protection

02/16/2018

KB Elevation=1199 FT
Ground Elevation=1183 FT
All measurements were taken from KB Elevation



RECEIVED
Office of Oil and Gas
DEC 4 2017
WV Department of
Environmental Protection



02/16/2018