



Where energy meets innovation.

EQT PRODUCTION

Ritchie County, WV

OXF122

Well #512501 -Marcellus

Main Wellbore

API#: 47-085-10086

Design: 512501 As Drilled Surveys

Standard Survey Report

21 June, 2016

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Environmental Protection



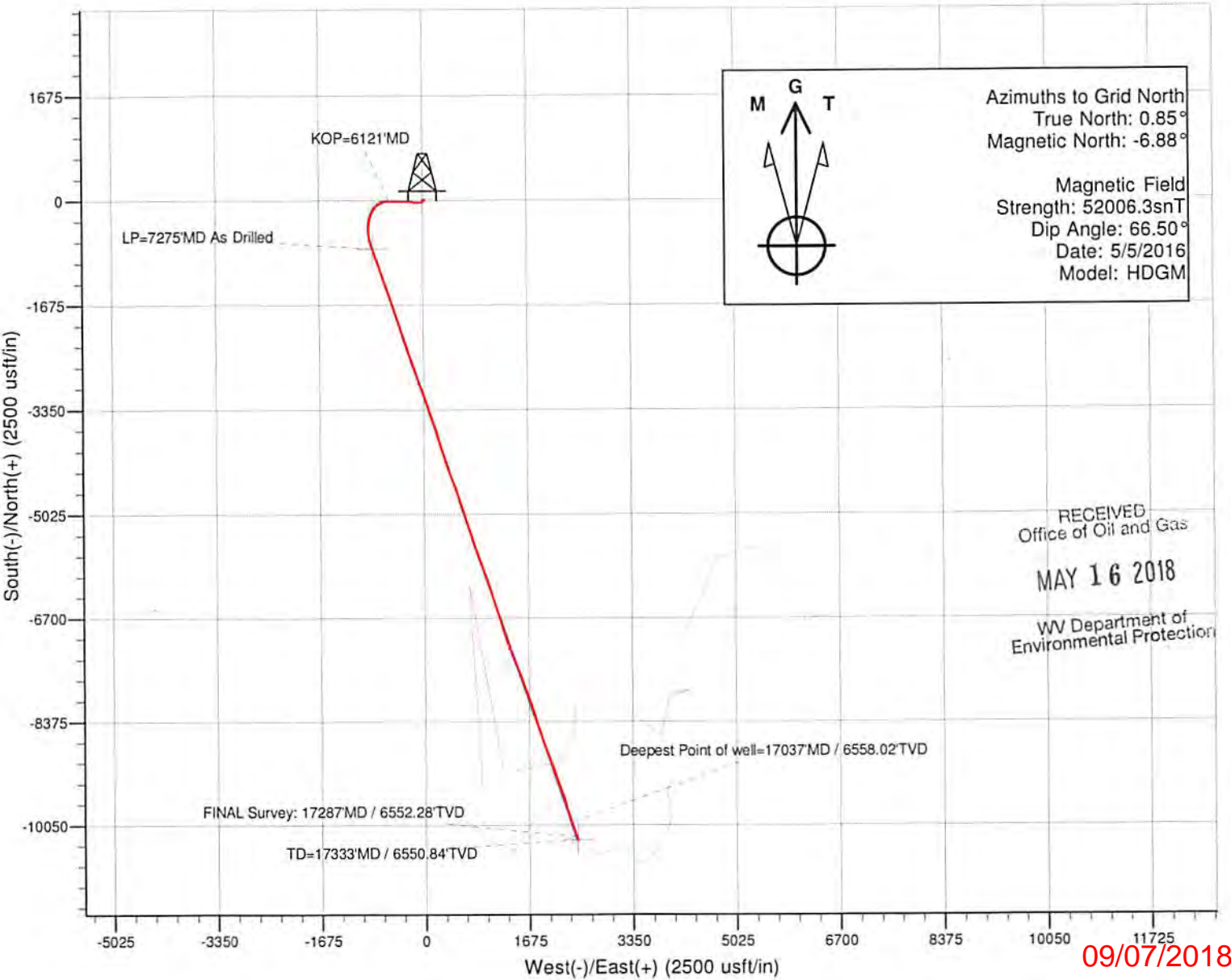
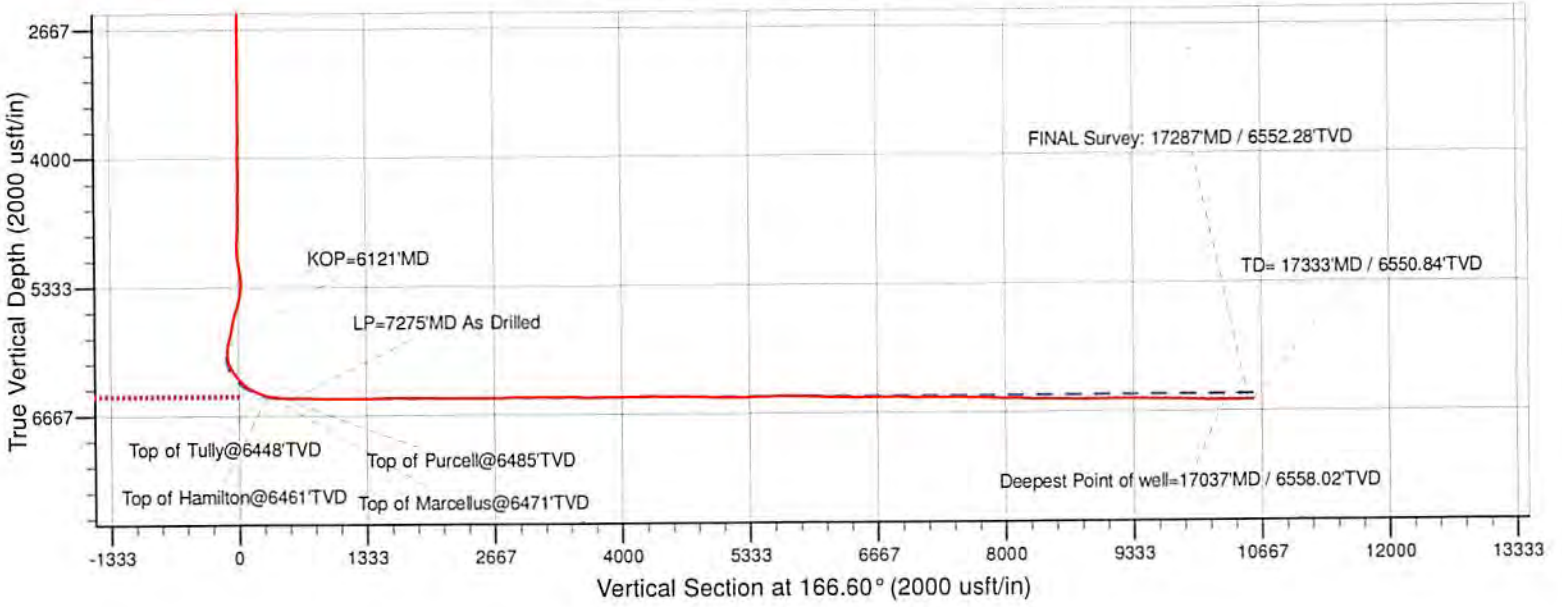
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Where energy meets innovation.

Project: Ritchie County, WV
Site: OXF122
Well: Well #512501 -Marcellus
Wellbore: Main Wellbore
Design: 512501 As Drilled Surveys
Elevation: GL 1111 + 23' KB @ 1134.00usft (Pioneer 72)



| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Company: | EQT PRODUCTION | Local Co-ordinate Reference: | Well Well #512501 -Marcellus |
| Project: | Ritchie County, WV | TVD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Site: | OXF122 | MD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Well: | Well #512501 -Marcellus | North Reference: | Grid |
| Wellbore: | Main Wellbore | Survey Calculation Method: | Minimum Curvature |
| Design: | 512501 As Drilled Surveys | Database: | Well_Planner1 |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| Project | Ritchie County, WV | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | West Virginia North 4701 | | |

| | | | | | |
|------------------------------|-----------|---------------------|-------------------|--------------------------|------------------|
| Site | OXF122 | | | | |
| Site Position: | | Northing: | 233,060.52 usft | Latitude: | 39° 7' 55.941 N |
| From: | Map | Easting: | 1,622,368.52 usft | Longitude: | 80° 49' 52.485 W |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | -0.85 ° |

| | | | | | | |
|-----------------------------|-------------------------|-----------|----------------------------|-------------------|----------------------|------------------|
| Well | Well #512501 -Marcellus | | | | | |
| Well Position | +N/-S | 0.00 usft | Northing: | 233,083.81 usft | Latitude: | 39° 7' 56.181 N |
| | +E/-W | 0.00 usft | Easting: | 1,622,439.81 usft | Longitude: | 80° 49' 51.585 W |
| Position Uncertainty | | 0.00 usft | Wellhead Elevation: | usft | Ground Level: | 1,111.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Main Wellbore | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 5/5/2016 | -7.73 | 66.50 | 52,006 |

| | | | | | |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| Design | 512501 As Drilled Surveys | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) | |
| | 0.00 | 0.00 | 0.00 | | |

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|-----------------------|------------------|---------------------------------------|------------------|-----------------------------------|--|
| Survey Program | Date | 6/21/2016 | | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 110.00 | 4,960.00 | 512501 Gyrodata Gyros (Main Wellbore) | GYD_DP_MS | Gyrodata gyro-compassing and drop | |
| 4,975.00 | 6,110.00 | 512501 SDI Air Curve (Main Wellbore) | SDI MWD | SDI MWD - Standard ver 1.0.1 | |
| 6,121.00 | 17,333.00 | 512501 ProDirectional (Main Wellbore) | MWD - OWSG | MWD - OWSG | |

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| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110.00 | 0.22 | 172.01 | 110.00 | -0.21 | 0.03 | 0.21 | 0.20 | 0.20 | 0.00 |
| 210.00 | 0.18 | 95.68 | 210.00 | -0.41 | 0.21 | 0.45 | 0.25 | -0.04 | -76.33 |
| 310.00 | 0.19 | 105.15 | 310.00 | -0.47 | 0.53 | 0.58 | 0.03 | 0.01 | 9.47 |
| 410.00 | 0.22 | 92.23 | 410.00 | -0.52 | 0.88 | 0.71 | 0.05 | 0.03 | -12.92 |
| 510.00 | 0.33 | 67.09 | 510.00 | -0.42 | 1.34 | 0.72 | 0.16 | 0.11 | -25.14 |
| 610.00 | 0.39 | 73.12 | 610.00 | -0.21 | 1.93 | 0.65 | 0.07 | 0.06 | 6.03 |
| 710.00 | 0.45 | 72.80 | 709.99 | 0.01 | 2.63 | 0.60 | 0.06 | 0.06 | -0.32 |
| 810.00 | 0.51 | 76.74 | 809.99 | 0.22 | 3.44 | 0.58 | 0.07 | 0.06 | 3.94 |



Where energy meets innovation.

Professional Directional Survey Report



| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Company: | EQT PRODUCTION | Local Co-ordinate Reference: | Well Well #512501 -Marcellus |
| Project: | Ritchie County, WV | TVD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Site: | OXF122 | MD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Well: | Well #512501 -Marcellus | North Reference: | Grid |
| Wellbore: | Main Wellbore | Survey Calculation Method: | Minimum Curvature |
| Design: | 512501 As Drilled Surveys | Database: | Well_Planner1 |

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| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 910.00 | 0.54 | 89.32 | 909.98 | 0.33 | 4.34 | 0.68 | 0.12 | 0.03 | 12.58 |
| 1,010.00 | 0.54 | 82.07 | 1,009.98 | 0.40 | 5.28 | 0.83 | 0.07 | 0.00 | -7.25 |
| 1,110.00 | 0.49 | 84.66 | 1,109.98 | 0.51 | 6.17 | 0.94 | 0.06 | -0.05 | 2.59 |
| 1,210.00 | 0.50 | 93.96 | 1,209.97 | 0.52 | 7.03 | 1.13 | 0.08 | 0.01 | 9.30 |
| 1,310.00 | 0.52 | 92.63 | 1,309.97 | 0.47 | 7.92 | 1.38 | 0.02 | 0.02 | -1.33 |
| 1,410.00 | 0.53 | 92.42 | 1,409.96 | 0.43 | 8.84 | 1.63 | 0.01 | 0.01 | -0.21 |
| 1,510.00 | 0.57 | 83.25 | 1,509.96 | 0.46 | 9.79 | 1.82 | 0.10 | 0.04 | -9.17 |
| 1,610.00 | 0.71 | 72.72 | 1,609.95 | 0.71 | 10.88 | 1.83 | 0.18 | 0.14 | -10.53 |
| 1,710.00 | 0.69 | 79.16 | 1,709.95 | 1.00 | 12.06 | 1.82 | 0.08 | -0.02 | 6.44 |
| 1,810.00 | 0.64 | 104.84 | 1,809.94 | 0.97 | 13.19 | 2.11 | 0.30 | -0.05 | 25.68 |
| 1,910.00 | 0.61 | 109.78 | 1,909.93 | 0.65 | 14.23 | 2.67 | 0.06 | -0.03 | 4.94 |
| 2,010.00 | 0.55 | 112.73 | 2,009.93 | 0.29 | 15.18 | 3.24 | 0.07 | -0.06 | 2.95 |
| 2,110.00 | 0.54 | 105.92 | 2,109.92 | -0.03 | 16.07 | 3.75 | 0.07 | -0.01 | -6.81 |
| 2,210.00 | 0.55 | 111.32 | 2,209.92 | -0.33 | 16.97 | 4.26 | 0.05 | 0.01 | 5.40 |
| 2,310.00 | 0.56 | 111.06 | 2,309.91 | -0.68 | 17.88 | 4.81 | 0.01 | 0.01 | -0.26 |
| 2,410.00 | 0.48 | 110.57 | 2,409.91 | -1.01 | 18.73 | 5.32 | 0.08 | -0.08 | -0.49 |
| 2,510.00 | 0.49 | 100.14 | 2,509.91 | -1.23 | 19.54 | 5.72 | 0.09 | 0.01 | -10.43 |
| 2,610.00 | 0.38 | 90.67 | 2,609.90 | -1.31 | 20.29 | 5.97 | 0.13 | -0.11 | -9.47 |
| 2,710.00 | 0.35 | 81.35 | 2,709.90 | -1.27 | 20.92 | 6.08 | 0.07 | -0.03 | -9.32 |
| 2,810.00 | 0.35 | 57.83 | 2,809.90 | -1.06 | 21.48 | 6.01 | 0.14 | 0.00 | -23.52 |
| 2,910.00 | 0.36 | 58.41 | 2,909.90 | -0.73 | 22.01 | 5.81 | 0.01 | 0.01 | 0.58 |
| 3,010.00 | 0.36 | 64.53 | 3,009.90 | -0.43 | 22.56 | 5.65 | 0.04 | 0.00 | 6.12 |
| 3,110.00 | 0.41 | 87.67 | 3,109.89 | -0.28 | 23.20 | 5.65 | 0.16 | 0.05 | 23.14 |
| 3,210.00 | 0.42 | 76.70 | 3,209.89 | -0.18 | 23.92 | 5.72 | 0.08 | 0.01 | -10.97 |
| 3,310.00 | 0.45 | 73.19 | 3,309.89 | 0.02 | 24.65 | 5.70 | 0.04 | 0.03 | -3.51 |
| 3,410.00 | 0.35 | 75.11 | 3,409.89 | 0.21 | 25.32 | 5.67 | 0.10 | -0.10 | 1.92 |
| 3,510.00 | 0.31 | 70.27 | 3,509.88 | 0.38 | 25.87 | 5.63 | 0.05 | -0.04 | -4.84 |
| 3,610.00 | 0.34 | 56.73 | 3,609.88 | 0.63 | 26.37 | 5.50 | 0.08 | 0.03 | -13.54 |
| 3,710.00 | 0.38 | 35.39 | 3,709.88 | 1.07 | 26.81 | 5.18 | 0.14 | 0.04 | -21.34 |
| 3,810.00 | 0.42 | 359.10 | 3,809.88 | 1.70 | 27.00 | 4.60 | 0.25 | 0.04 | -36.29 |
| 3,910.00 | 0.42 | 352.97 | 3,909.88 | 2.43 | 26.95 | 3.88 | 0.04 | 0.00 | -6.13 |
| 4,010.00 | 0.44 | 315.34 | 4,009.87 | 3.07 | 26.63 | 3.19 | 0.28 | 0.02 | -37.63 |
| 4,110.00 | 0.52 | 310.48 | 4,109.87 | 3.64 | 26.02 | 2.49 | 0.09 | 0.08 | -4.86 |
| 4,210.00 | 0.68 | 299.87 | 4,209.86 | 4.23 | 25.16 | 1.72 | 0.19 | 0.16 | -10.61 |
| 4,310.00 | 0.86 | 301.81 | 4,309.86 | 4.92 | 24.01 | 0.78 | 0.18 | 0.18 | 1.94 |
| 4,410.00 | 1.00 | 304.17 | 4,409.84 | 5.80 | 22.65 | -0.40 | 0.15 | 0.14 | 2.36 |
| 4,510.00 | 1.18 | 304.47 | 4,509.82 | 6.88 | 21.08 | -1.81 | 0.18 | 0.18 | 0.30 |
| 4,610.00 | 1.42 | 308.37 | 4,609.80 | 8.23 | 19.26 | -3.54 | 0.26 | 0.24 | 3.90 |
| 4,710.00 | 1.54 | 307.90 | 4,709.77 | 9.82 | 17.23 | -5.56 | 0.12 | 0.12 | -0.47 |
| 4,810.00 | 1.73 | 311.68 | 4,809.72 | 11.65 | 15.04 | -7.85 | 0.22 | 0.19 | 3.78 |
| 4,910.00 | 1.34 | 313.62 | 4,909.69 | 13.46 | 13.06 | -10.07 | 0.39 | -0.39 | 1.94 |
| 4,960.00 | 1.42 | 313.17 | 4,959.67 | 14.29 | 12.19 | -11.08 | 0.16 | 0.16 | -0.90 |
| 4,975.00 | 1.11 | 277.48 | 4,974.67 | 14.44 | 11.91 | -11.28 | 5.53 | -2.07 | -237.93 |



Professional Directional Survey Report



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|------------------|---------------------------|-------------------------------------|---|
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| Design: | 512501 As Drilled Surveys | Database: | Well_Planner1 |

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| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 5,018.00 | 4.00 | 185.83 | 5,017.63 | 13.00 | 11.34 | -10.02 | 9.72 | 6.72 | -213.14 |
| 5,061.00 | 9.54 | 174.48 | 5,060.32 | 7.96 | 11.53 | -5.07 | 13.19 | 12.88 | -26.40 |
| 5,104.00 | 12.40 | 188.22 | 5,102.54 | -0.16 | 11.22 | 2.76 | 8.97 | 6.65 | 31.95 |
| 5,147.00 | 13.79 | 208.75 | 5,144.44 | -9.23 | 8.09 | 10.86 | 11.22 | 3.23 | 47.74 |
| 5,190.00 | 15.44 | 225.81 | 5,186.07 | -17.72 | 1.52 | 17.59 | 10.67 | 3.84 | 39.67 |
| 5,233.00 | 17.31 | 238.52 | 5,227.33 | -25.05 | -8.05 | 22.51 | 9.37 | 4.35 | 29.56 |
| 5,276.00 | 19.54 | 249.36 | 5,268.14 | -30.93 | -20.24 | 25.40 | 9.49 | 5.19 | 25.21 |
| 5,319.00 | 21.39 | 259.80 | 5,308.44 | -34.86 | -34.69 | 25.87 | 9.50 | 4.30 | 24.28 |
| 5,362.00 | 24.04 | 266.94 | 5,348.10 | -36.71 | -51.16 | 23.86 | 8.88 | 6.16 | 16.60 |
| 5,405.00 | 27.03 | 271.01 | 5,386.90 | -37.01 | -69.68 | 19.85 | 8.06 | 6.95 | 9.47 |
| 5,449.00 | 30.32 | 274.35 | 5,425.50 | -35.99 | -90.76 | 13.98 | 8.31 | 7.48 | 7.59 |
| 5,492.00 | 33.58 | 277.11 | 5,461.99 | -33.69 | -113.39 | 6.50 | 8.31 | 7.58 | 6.42 |
| 5,535.00 | 37.23 | 279.02 | 5,497.03 | -30.18 | -138.05 | -2.63 | 8.87 | 8.49 | 4.44 |
| 5,579.00 | 40.97 | 278.48 | 5,531.17 | -25.97 | -165.47 | -13.09 | 8.54 | 8.50 | -1.23 |
| 5,622.00 | 43.57 | 276.37 | 5,562.99 | -22.24 | -194.14 | -23.36 | 6.89 | 6.05 | -4.91 |
| 5,665.00 | 44.40 | 274.54 | 5,593.93 | -19.41 | -223.87 | -33.00 | 3.53 | 1.93 | -4.26 |
| 5,708.00 | 43.96 | 272.44 | 5,624.77 | -17.58 | -253.78 | -41.71 | 3.55 | -1.02 | -4.88 |
| 5,751.00 | 44.64 | 271.33 | 5,655.54 | -16.59 | -283.79 | -49.63 | 2.40 | 1.58 | -2.58 |
| 5,794.00 | 44.57 | 269.80 | 5,686.16 | -16.30 | -313.98 | -56.91 | 2.50 | -0.16 | -3.56 |
| 5,837.00 | 43.91 | 269.01 | 5,716.97 | -16.61 | -343.98 | -63.56 | 2.00 | -1.53 | -1.84 |
| 5,880.00 | 43.22 | 268.12 | 5,748.12 | -17.35 | -373.60 | -69.71 | 2.15 | -1.60 | -2.07 |
| 5,923.00 | 42.57 | 267.60 | 5,779.62 | -18.44 | -402.85 | -75.42 | 1.72 | -1.51 | -1.21 |
| 5,966.00 | 41.79 | 269.96 | 5,811.49 | -19.06 | -431.71 | -81.51 | 4.11 | -1.81 | 5.49 |
| 6,010.00 | 41.93 | 272.78 | 5,844.26 | -18.36 | -461.06 | -88.99 | 4.29 | 0.32 | 6.41 |
| 6,036.00 | 41.64 | 273.45 | 5,863.65 | -17.41 | -478.36 | -93.92 | 2.05 | -1.12 | 2.58 |
| 6,110.00 | 41.64 | 273.45 | 5,918.95 | -14.46 | -527.44 | -108.17 | 0.00 | 0.00 | 0.00 |
| 6,121.00 | 40.60 | 272.00 | 5,927.24 | -14.11 | -534.67 | -110.18 | 12.83 | -9.45 | -13.18 |
| KOP=6121'MD | | | | | | | | | |
| 6,153.00 | 40.50 | 267.60 | 5,951.56 | -14.18 | -555.46 | -114.93 | 8.94 | -0.31 | -13.75 |
| 6,184.00 | 40.90 | 263.00 | 5,975.07 | -15.84 | -575.59 | -117.98 | 9.76 | 1.29 | -14.84 |
| 6,215.00 | 41.80 | 258.30 | 5,998.34 | -19.17 | -595.79 | -119.42 | 10.43 | 2.90 | -15.16 |
| 6,247.00 | 42.60 | 255.10 | 6,022.05 | -24.12 | -616.70 | -119.45 | 7.17 | 2.50 | -10.00 |
| 6,278.00 | 43.30 | 251.60 | 6,044.75 | -30.18 | -636.93 | -118.25 | 8.02 | 2.26 | -11.29 |
| 6,310.00 | 44.80 | 247.10 | 6,067.75 | -38.03 | -657.73 | -115.43 | 10.84 | 4.69 | -14.06 |
| 6,342.00 | 46.00 | 243.30 | 6,090.22 | -47.59 | -678.40 | -110.92 | 9.25 | 3.75 | -11.88 |
| 6,361.00 | 46.10 | 240.80 | 6,103.41 | -54.00 | -690.49 | -107.49 | 9.49 | 0.53 | -13.16 |
| 6,392.00 | 44.60 | 236.40 | 6,125.20 | -65.48 | -709.31 | -100.69 | 11.19 | -4.84 | -14.19 |
| 6,424.00 | 45.00 | 231.30 | 6,147.92 | -78.77 | -727.50 | -91.97 | 11.30 | 1.25 | -15.94 |
| 6,455.00 | 46.10 | 227.00 | 6,169.63 | -93.24 | -744.23 | -81.77 | 10.52 | 3.55 | -13.87 |
| 6,487.00 | 46.10 | 222.40 | 6,191.82 | -109.62 | -760.44 | -69.59 | 10.36 | 0.00 | -14.38 |
| 6,519.00 | 45.90 | 218.20 | 6,214.06 | -127.17 | -775.32 | -55.97 | 9.46 | -0.63 | -13.13 |
| 6,550.00 | 46.00 | 213.80 | 6,235.62 | -145.19 | -788.41 | -41.48 | 10.21 | 0.32 | -14.19 |
| 6,582.00 | 47.10 | 209.80 | 6,257.63 | -164.93 | -800.64 | -25.11 | 9.70 | 3.44 | -12.50 |
| 6,613.00 | 47.90 | 206.30 | 6,278.58 | -185.10 | -811.38 | -7.98 | 8.71 | 2.58 | -11.29 |

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|----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 6,645.00 | 48.70 | 202.10 | 6,299.87 | -206.88 | -821.16 | 10.95 | 10.11 | 2.50 | -13.13 |
| 6,676.00 | 50.90 | 199.10 | 6,319.88 | -229.04 | -829.48 | 30.58 | 10.25 | 7.10 | -9.68 |
| 6,708.00 | 53.20 | 197.20 | 6,339.56 | -253.02 | -837.34 | 52.08 | 8.58 | 7.19 | -5.94 |
| 6,739.00 | 55.60 | 195.50 | 6,357.60 | -277.20 | -844.42 | 73.96 | 8.93 | 7.74 | -5.48 |
| 6,771.00 | 58.30 | 193.60 | 6,375.06 | -303.16 | -851.16 | 97.66 | 9.80 | 8.44 | -5.94 |
| 6,802.00 | 61.50 | 192.50 | 6,390.60 | -329.29 | -857.21 | 121.67 | 10.77 | 10.32 | -3.55 |
| 6,834.00 | 64.30 | 190.90 | 6,405.18 | -357.18 | -862.98 | 147.46 | 9.82 | 8.75 | -5.00 |
| 6,865.00 | 66.80 | 188.60 | 6,418.01 | -384.99 | -867.75 | 173.41 | 10.52 | 8.06 | -7.42 |
| 6,897.00 | 69.00 | 186.00 | 6,430.05 | -414.39 | -871.51 | 201.14 | 10.19 | 6.88 | -8.13 |
| 6,928.00 | 71.20 | 182.40 | 6,440.60 | -443.46 | -873.64 | 228.92 | 13.02 | 7.10 | -11.61 |
| 6,951.86 | 72.69 | 180.16 | 6,448.00 | -466.14 | -874.14 | 250.87 | 10.90 | 6.23 | -9.40 |
| Top of Tully@6448'TVD | | | | | | | | | |
| 6,960.00 | 73.20 | 179.40 | 6,450.39 | -473.91 | -874.11 | 258.44 | 10.90 | 6.30 | -9.30 |
| 6,992.00 | 74.90 | 176.60 | 6,459.18 | -504.66 | -873.04 | 288.60 | 9.95 | 5.31 | -8.75 |
| 6,999.11 | 75.47 | 176.11 | 6,461.00 | -511.52 | -872.60 | 295.37 | 10.41 | 8.04 | -6.83 |
| Top of Hamilton@6461'TVD | | | | | | | | | |
| 7,023.00 | 77.40 | 174.50 | 6,466.60 | -534.66 | -870.70 | 318.32 | 10.41 | 8.07 | -6.76 |
| 7,044.92 | 79.45 | 173.58 | 6,471.00 | -556.02 | -868.47 | 339.61 | 10.22 | 9.35 | -4.21 |
| Top of Marcellus@6471'TVD | | | | | | | | | |
| 7,054.00 | 80.30 | 173.20 | 6,472.60 | -564.90 | -867.44 | 348.49 | 10.22 | 9.36 | -4.16 |
| 7,086.00 | 82.60 | 171.90 | 6,477.35 | -596.27 | -863.34 | 379.96 | 8.23 | 7.19 | -4.06 |
| 7,118.00 | 84.00 | 169.20 | 6,481.09 | -627.62 | -858.12 | 411.67 | 9.45 | 4.38 | -8.44 |
| 7,149.00 | 85.40 | 166.30 | 6,483.95 | -657.78 | -851.57 | 442.52 | 10.35 | 4.52 | -9.35 |
| 7,162.84 | 85.92 | 164.78 | 6,485.00 | -671.14 | -848.12 | 456.32 | 11.54 | 3.74 | -10.95 |
| Top of Purcell@6485'TVD | | | | | | | | | |
| 7,181.00 | 86.60 | 162.80 | 6,486.19 | -688.54 | -843.06 | 474.42 | 11.54 | 3.76 | -10.93 |
| 7,212.00 | 89.40 | 160.60 | 6,487.27 | -717.95 | -833.34 | 505.28 | 11.48 | 9.03 | -7.10 |
| 7,275.00 | 90.00 | 160.60 | 6,487.60 | -777.37 | -812.41 | 567.94 | 0.95 | 0.95 | 0.00 |
| LP=7275'MD / 6487.60'TVD | | | | | | | | | |
| 7,370.00 | 90.30 | 159.70 | 6,487.35 | -866.73 | -780.15 | 662.33 | 1.00 | 0.32 | -0.95 |
| 7,465.00 | 88.50 | 160.80 | 6,488.34 | -956.13 | -748.06 | 756.74 | 2.22 | -1.89 | 1.16 |
| 7,559.00 | 88.70 | 160.50 | 6,490.64 | -1,044.79 | -716.92 | 850.20 | 0.38 | 0.21 | -0.32 |
| 7,654.00 | 88.80 | 159.90 | 6,492.71 | -1,134.15 | -684.75 | 944.59 | 0.64 | 0.11 | -0.63 |
| 7,749.00 | 89.10 | 159.50 | 6,494.45 | -1,223.24 | -651.79 | 1,038.89 | 0.53 | 0.32 | -0.42 |
| 7,843.00 | 90.30 | 161.10 | 6,494.95 | -1,311.73 | -620.11 | 1,132.31 | 2.13 | 1.28 | 1.70 |
| 7,938.00 | 90.70 | 160.80 | 6,494.12 | -1,401.53 | -589.10 | 1,226.85 | 0.53 | 0.42 | -0.32 |
| 8,033.00 | 91.30 | 160.60 | 6,492.46 | -1,491.17 | -557.71 | 1,321.33 | 0.67 | 0.63 | -0.21 |
| 8,127.00 | 90.80 | 161.80 | 6,490.74 | -1,580.14 | -527.42 | 1,414.89 | 1.38 | -0.53 | 1.28 |
| 8,222.00 | 91.10 | 161.40 | 6,489.16 | -1,670.27 | -497.44 | 1,509.52 | 0.53 | 0.32 | -0.42 |
| 8,329.00 | 91.50 | 161.40 | 6,486.73 | -1,771.66 | -463.32 | 1,616.05 | 0.37 | 0.37 | 0.00 |
| 8,424.00 | 89.00 | 162.30 | 6,486.32 | -1,861.92 | -433.73 | 1,710.72 | 2.80 | -2.63 | 0.95 |
| 8,519.00 | 89.10 | 162.50 | 6,487.89 | -1,952.46 | -405.01 | 1,805.45 | 0.24 | 0.11 | 0.21 |
| 8,613.00 | 88.80 | 162.40 | 6,489.62 | -2,042.07 | -376.67 | 1,899.18 | 0.34 | -0.32 | -0.11 |
| 8,708.00 | 89.50 | 163.40 | 6,491.03 | -2,132.86 | -348.74 | 1,993.97 | 1.28 | 0.74 | 1.05 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Company: | EQT PRODUCTION | Local Co-ordinate Reference: | Well Well #512501 -Marcellus |
| Project: | Ritchie County, WV | TVD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Site: | OXF122 | MD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Well: | Well #512501 -Marcellus | North Reference: | Grid |
| Wellbore: | Main Wellbore | Survey Calculation Method: | Minimum Curvature |
| Design: | 512501 As Drilled Surveys | Database: | Well_Planner1 |

| Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 8,803.00 | 89.80 | 161.00 | 6,491.61 | -2,223.30 | -319.70 | 2,088.69 | 2.55 | 0.32 | -2.53 |
| 8,897.00 | 89.60 | 161.40 | 6,492.10 | -2,312.29 | -289.41 | 2,182.27 | 0.48 | -0.21 | 0.43 |
| 8,992.00 | 89.60 | 161.30 | 6,492.76 | -2,402.30 | -259.03 | 2,276.87 | 0.11 | 0.00 | -0.11 |
| 9,087.00 | 90.00 | 160.80 | 6,493.09 | -2,492.15 | -228.18 | 2,371.42 | 0.67 | 0.42 | -0.53 |
| 9,181.00 | 90.00 | 160.60 | 6,493.09 | -2,580.86 | -197.11 | 2,464.92 | 0.21 | 0.00 | -0.21 |
| 9,276.00 | 90.30 | 161.10 | 6,492.84 | -2,670.61 | -165.95 | 2,559.44 | 0.61 | 0.32 | 0.53 |
| 9,371.00 | 90.70 | 160.60 | 6,492.02 | -2,760.34 | -134.78 | 2,653.96 | 0.67 | 0.42 | -0.53 |
| 9,465.00 | 90.80 | 159.90 | 6,490.78 | -2,848.81 | -103.02 | 2,747.38 | 0.75 | 0.11 | -0.74 |
| 9,560.00 | 91.30 | 159.40 | 6,489.04 | -2,937.86 | -69.99 | 2,841.66 | 0.74 | 0.53 | -0.53 |
| 9,654.00 | 91.20 | 159.10 | 6,486.99 | -3,025.74 | -36.70 | 2,934.87 | 0.34 | -0.11 | -0.32 |
| 9,749.00 | 89.30 | 160.30 | 6,486.58 | -3,114.84 | -3.74 | 3,029.17 | 2.37 | -2.00 | 1.26 |
| 9,844.00 | 89.70 | 160.20 | 6,487.41 | -3,204.24 | 28.36 | 3,123.58 | 0.43 | 0.42 | -0.11 |
| 9,938.00 | 90.60 | 160.30 | 6,487.16 | -3,292.71 | 60.12 | 3,217.01 | 0.96 | 0.96 | 0.11 |
| 10,033.00 | 89.40 | 161.70 | 6,487.16 | -3,382.53 | 91.05 | 3,311.55 | 1.94 | -1.26 | 1.47 |
| 10,127.00 | 89.50 | 161.40 | 6,488.06 | -3,471.70 | 120.80 | 3,405.18 | 0.34 | 0.11 | -0.32 |
| 10,222.00 | 89.40 | 159.30 | 6,488.98 | -3,561.16 | 152.74 | 3,499.61 | 2.21 | -0.11 | -2.21 |
| 10,317.00 | 88.40 | 160.50 | 6,490.80 | -3,650.35 | 185.38 | 3,593.94 | 1.64 | -1.05 | 1.26 |
| 10,411.00 | 88.30 | 163.40 | 6,493.51 | -3,739.68 | 214.49 | 3,687.58 | 3.09 | -0.11 | 3.09 |
| 10,506.00 | 89.90 | 163.80 | 6,495.00 | -3,830.80 | 241.31 | 3,782.43 | 1.74 | 1.68 | 0.42 |
| 10,601.00 | 90.60 | 164.40 | 6,494.58 | -3,922.16 | 267.34 | 3,877.34 | 0.97 | 0.74 | 0.63 |
| 10,696.00 | 91.50 | 162.50 | 6,492.84 | -4,013.21 | 294.39 | 3,972.18 | 2.21 | 0.95 | -2.00 |
| 10,790.00 | 90.90 | 162.00 | 6,490.88 | -4,102.71 | 323.04 | 4,065.88 | 0.83 | -0.64 | -0.53 |
| 10,885.00 | 91.20 | 160.80 | 6,489.13 | -4,192.73 | 353.34 | 4,160.48 | 1.30 | 0.32 | -1.26 |
| 10,980.00 | 89.60 | 160.60 | 6,488.47 | -4,282.39 | 384.74 | 4,254.97 | 1.70 | -1.68 | -0.21 |
| 11,075.00 | 89.20 | 160.20 | 6,489.47 | -4,371.88 | 416.60 | 4,349.41 | 0.60 | -0.42 | -0.42 |
| 11,169.00 | 89.60 | 159.70 | 6,490.45 | -4,460.18 | 448.83 | 4,442.77 | 0.68 | 0.43 | -0.53 |
| 11,264.00 | 90.20 | 157.90 | 6,490.62 | -4,548.74 | 483.18 | 4,536.88 | 2.00 | 0.63 | -1.89 |
| 11,359.00 | 89.50 | 159.40 | 6,490.86 | -4,637.22 | 517.76 | 4,630.97 | 1.74 | -0.74 | 1.58 |
| 11,453.00 | 88.00 | 161.10 | 6,492.92 | -4,725.66 | 549.52 | 4,724.36 | 2.41 | -1.60 | 1.81 |
| 11,548.00 | 88.30 | 160.50 | 6,495.98 | -4,815.33 | 580.75 | 4,818.83 | 0.71 | 0.32 | -0.63 |
| 11,642.00 | 88.30 | 162.30 | 6,498.77 | -4,904.38 | 610.71 | 4,912.39 | 1.91 | 0.00 | 1.91 |
| 11,737.00 | 88.70 | 162.30 | 6,501.26 | -4,994.85 | 639.59 | 5,007.09 | 0.42 | 0.42 | 0.00 |
| 11,832.00 | 89.20 | 161.80 | 6,503.00 | -5,085.21 | 668.86 | 5,101.78 | 0.74 | 0.53 | -0.53 |
| 11,926.00 | 90.30 | 162.10 | 6,503.41 | -5,174.58 | 697.98 | 5,195.47 | 1.21 | 1.17 | 0.32 |
| 12,021.00 | 91.00 | 162.10 | 6,502.33 | -5,264.98 | 727.18 | 5,290.17 | 0.74 | 0.74 | 0.00 |
| 12,116.00 | 91.90 | 161.60 | 6,499.93 | -5,355.22 | 756.76 | 5,384.81 | 1.08 | 0.95 | -0.53 |
| 12,211.00 | 91.20 | 161.40 | 6,497.36 | -5,445.28 | 786.90 | 5,479.40 | 0.77 | -0.74 | -0.21 |
| 12,305.00 | 91.90 | 161.20 | 6,494.81 | -5,534.28 | 817.02 | 5,572.96 | 0.77 | 0.74 | -0.21 |
| 12,400.00 | 90.30 | 161.10 | 6,492.99 | -5,624.17 | 847.71 | 5,667.51 | 1.69 | -1.68 | -0.11 |
| 12,495.00 | 87.50 | 159.60 | 6,494.81 | -5,713.61 | 879.65 | 5,761.92 | 3.34 | -2.95 | -1.58 |
| 12,589.00 | 88.70 | 159.30 | 6,497.93 | -5,801.58 | 912.62 | 5,855.13 | 1.32 | 1.28 | -0.32 |
| 12,684.00 | 89.40 | 159.00 | 6,499.51 | -5,890.34 | 946.43 | 5,949.32 | 0.80 | 0.74 | -0.32 |
| 12,779.00 | 88.80 | 159.80 | 6,501.00 | -5,979.26 | 979.85 | 6,043.56 | 1.05 | -0.63 | 0.84 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Company: | EQT PRODUCTION | Local Co-ordinate Reference: | Well Well #512501 -Marcellus |
| Project: | Ritchie County, WV | TVD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Site: | OXF122 | MD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Well: | Well #512501 -Marcellus | North Reference: | Grid |
| Wellbore: | Main Wellbore | Survey Calculation Method: | Minimum Curvature |
| Design: | 512501 As Drilled Surveys | Database: | Well_Planner1 |

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| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 12,874.00 | 88.80 | 161.00 | 6,502.99 | -6,068.73 | 1,011.71 | 6,137.98 | 1.26 | 0.00 | 1.26 |
| 12,968.00 | 88.10 | 162.80 | 6,505.53 | -6,158.04 | 1,040.90 | 6,231.62 | 2.05 | -0.74 | 1.91 |
| 13,063.00 | 88.40 | 162.60 | 6,508.43 | -6,248.70 | 1,069.14 | 6,326.36 | 0.38 | 0.32 | -0.21 |
| 13,158.00 | 89.50 | 163.10 | 6,510.17 | -6,339.46 | 1,097.15 | 6,421.14 | 1.27 | 1.16 | 0.53 |
| 13,252.00 | 90.30 | 162.80 | 6,510.34 | -6,429.33 | 1,124.71 | 6,514.95 | 0.91 | 0.85 | -0.32 |
| 13,347.00 | 91.00 | 162.00 | 6,509.26 | -6,519.88 | 1,153.43 | 6,609.68 | 1.12 | 0.74 | -0.84 |
| 13,441.00 | 89.40 | 161.80 | 6,508.93 | -6,609.22 | 1,182.63 | 6,703.36 | 1.72 | -1.70 | -0.21 |
| 13,536.00 | 90.50 | 162.70 | 6,509.01 | -6,699.70 | 1,211.60 | 6,798.09 | 1.50 | 1.16 | 0.95 |
| 13,630.00 | 88.60 | 162.20 | 6,509.75 | -6,789.31 | 1,239.94 | 6,891.83 | 2.09 | -2.02 | -0.53 |
| 13,725.00 | 89.60 | 164.20 | 6,511.24 | -6,880.24 | 1,267.39 | 6,986.65 | 2.35 | 1.05 | 2.11 |
| 13,820.00 | 89.40 | 163.30 | 6,512.07 | -6,971.44 | 1,293.97 | 7,081.53 | 0.97 | -0.21 | -0.95 |
| 13,914.00 | 90.20 | 159.50 | 6,512.40 | -7,060.51 | 1,323.95 | 7,175.12 | 4.13 | 0.85 | -4.04 |
| 14,008.00 | 90.10 | 159.40 | 6,512.16 | -7,148.53 | 1,356.95 | 7,268.39 | 0.15 | -0.11 | -0.11 |
| 14,103.00 | 89.90 | 159.00 | 6,512.16 | -7,237.34 | 1,390.68 | 7,362.60 | 0.47 | -0.21 | -0.42 |
| 14,198.00 | 89.70 | 158.90 | 6,512.49 | -7,326.00 | 1,424.80 | 7,456.75 | 0.24 | -0.21 | -0.11 |
| 14,292.00 | 88.60 | 159.70 | 6,513.88 | -7,413.92 | 1,458.03 | 7,549.98 | 1.45 | -1.17 | 0.85 |
| 14,387.00 | 88.70 | 159.10 | 6,516.12 | -7,502.82 | 1,491.44 | 7,644.20 | 0.64 | 0.11 | -0.63 |
| 14,482.00 | 88.60 | 157.60 | 6,518.36 | -7,591.09 | 1,526.48 | 7,738.19 | 1.58 | -0.11 | -1.58 |
| 14,576.00 | 87.70 | 159.40 | 6,521.39 | -7,678.50 | 1,560.91 | 7,831.20 | 2.14 | -0.96 | 1.91 |
| 14,671.00 | 88.30 | 160.60 | 6,524.71 | -7,767.72 | 1,593.38 | 7,925.51 | 1.41 | 0.63 | 1.26 |
| 14,765.00 | 88.90 | 160.60 | 6,527.01 | -7,856.35 | 1,624.60 | 8,018.97 | 0.64 | 0.64 | 0.00 |
| 14,860.00 | 89.30 | 158.80 | 6,528.50 | -7,945.44 | 1,657.55 | 8,113.26 | 1.94 | 0.42 | -1.89 |
| 14,954.00 | 88.10 | 159.90 | 6,530.63 | -8,033.37 | 1,690.69 | 8,206.48 | 1.73 | -1.28 | 1.17 |
| 15,049.00 | 89.30 | 163.20 | 6,532.79 | -8,123.45 | 1,720.74 | 8,301.08 | 3.70 | 1.26 | 3.47 |
| 15,144.00 | 89.70 | 162.10 | 6,533.62 | -8,214.12 | 1,749.07 | 8,395.84 | 1.23 | 0.42 | -1.16 |
| 15,238.00 | 88.80 | 163.20 | 6,534.85 | -8,303.84 | 1,777.10 | 8,489.61 | 1.51 | -0.96 | 1.17 |
| 15,333.00 | 88.70 | 163.30 | 6,536.92 | -8,394.78 | 1,804.47 | 8,584.43 | 0.15 | -0.11 | 0.11 |
| 15,428.00 | 88.80 | 161.90 | 6,538.99 | -8,485.41 | 1,832.87 | 8,679.17 | 1.48 | 0.11 | -1.47 |
| 15,523.00 | 89.30 | 161.40 | 6,540.57 | -8,575.57 | 1,862.78 | 8,773.80 | 0.74 | 0.53 | -0.53 |
| 15,617.00 | 90.10 | 160.90 | 6,541.06 | -8,664.53 | 1,893.15 | 8,867.37 | 1.00 | 0.85 | -0.53 |
| 15,711.00 | 90.90 | 160.70 | 6,540.24 | -8,753.29 | 1,924.06 | 8,960.89 | 0.88 | 0.85 | -0.21 |
| 15,806.00 | 90.00 | 160.10 | 6,539.49 | -8,842.78 | 1,955.92 | 9,055.33 | 1.14 | -0.95 | -0.63 |
| 15,901.00 | 90.00 | 159.40 | 6,539.49 | -8,931.91 | 1,988.80 | 9,149.65 | 0.74 | 0.00 | -0.74 |
| 15,995.00 | 90.00 | 159.50 | 6,539.49 | -9,019.93 | 2,021.80 | 9,242.92 | 0.11 | 0.00 | 0.11 |
| 16,090.00 | 90.00 | 159.10 | 6,539.49 | -9,108.80 | 2,055.38 | 9,337.15 | 0.42 | 0.00 | -0.42 |
| 16,185.00 | 89.40 | 160.00 | 6,539.99 | -9,197.81 | 2,088.57 | 9,431.43 | 1.14 | -0.63 | 0.95 |
| 16,279.00 | 89.20 | 161.10 | 6,541.14 | -9,286.44 | 2,119.87 | 9,524.90 | 1.19 | -0.21 | 1.17 |
| 16,374.00 | 89.40 | 160.20 | 6,542.30 | -9,376.06 | 2,151.34 | 9,619.38 | 0.97 | 0.21 | -0.95 |
| 16,469.00 | 88.40 | 161.30 | 6,544.12 | -9,465.73 | 2,182.66 | 9,713.86 | 1.56 | -1.05 | 1.16 |
| 16,563.00 | 89.00 | 161.00 | 6,546.25 | -9,554.67 | 2,213.02 | 9,807.41 | 0.71 | 0.64 | -0.32 |
| 16,658.00 | 88.20 | 162.10 | 6,548.58 | -9,644.75 | 2,243.08 | 9,902.01 | 1.43 | -0.84 | 1.16 |
| 16,752.00 | 88.40 | 161.70 | 6,551.36 | -9,734.06 | 2,272.27 | 9,995.65 | 0.48 | 0.21 | -0.43 |
| 16,848.00 | 88.10 | 161.60 | 6,554.30 | -9,825.14 | 2,302.48 | 10,091.25 | 0.33 | -0.31 | -0.10 |

| | | | |
|------------------|---------------------------|-------------------------------------|---|
| Company: | EQT PRODUCTION | Local Co-ordinate Reference: | Well Well #512501 -Marcellus |
| Project: | Ritchie County, WV | TVD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Site: | OXF122 | MD Reference: | GL 1111 + 23' KB @ 1134.00usft (Pioneer 72) |
| Well: | Well #512501 -Marcellus | North Reference: | Grid |
| Wellbore: | Main Wellbore | Survey Calculation Method: | Minimum Curvature |
| Design: | 512501 As Drilled Surveys | Database: | Well_Planner1 |

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 16,943.00 | 88.50 | 162.10 | 6,557.11 | -9,915.37 | 2,332.06 | 10,185.88 | 0.67 | 0.42 | 0.53 |
| 17,037.00 | 90.40 | 162.20 | 6,558.02 | -10,004.84 | 2,360.87 | 10,279.59 | 2.02 | 2.02 | 0.11 |
| Deepest Point of well=17037'MD / 6558.02'TVD | | | | | | | | | |
| 17,132.00 | 91.30 | 161.70 | 6,556.61 | -10,095.15 | 2,390.30 | 10,374.27 | 1.08 | 0.95 | -0.53 |
| 17,226.00 | 91.70 | 161.10 | 6,554.15 | -10,184.21 | 2,420.27 | 10,467.85 | 0.77 | 0.43 | -0.64 |
| 17,287.00 | 91.80 | 161.00 | 6,552.28 | -10,241.88 | 2,440.07 | 10,528.53 | 0.23 | 0.16 | -0.16 |
| FINAL Survey: 17287'MD / 6552.28'TVD | | | | | | | | | |
| 17,333.00 | 91.80 | 161.00 | 6,550.84 | -10,285.35 | 2,455.04 | 10,574.29 | 0.00 | 0.00 | |
| TD: 17333'MD / 6550.84'TVD | | | | | | | | | |

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| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|--|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|------------------|
| TD=17333'MD / 6550.84 | 0.00 | 0.00 | 0.00 | -10,285.35 | 2,455.08 | 222,798.46 | 1,624,894.89 | 39° 6' 14.888 N | 80° 49' 18.512 W |
| - actual wellpath misses target center by 6550.84usft at 17333.00usft MD (6550.84 TVD, -10285.35 N, 2455.04 E) | | | | | | | | | |
| - Point | | | | | | | | | |
| LP=7275'MD As Drilled | 0.00 | 360.00 | 0.00 | -777.37 | -812.41 | 232,306.43 | 1,621,627.39 | 39° 7' 48.379 N | 80° 50' 1.747 W |
| - actual wellpath misses target center by 1124.42usft at 1.26usft MD (1.26 TVD, 0.00 N, 0.00 E) | | | | | | | | | |
| - Point | | | | | | | | | |

| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------|-----------------------|---------------------------|-----------|---------|-------------------|
| 6,951.86 | 6,448.00 | Top of Tully@6448'TVD | | 0.00 | |
| 6,999.11 | 6,461.00 | Top of Hamilton@6461'TVD | | 0.00 | |
| 7,044.92 | 6,471.00 | Top of Marcellus@6471'TVD | | 0.00 | |
| 7,162.84 | 6,485.00 | Top of Purcell@6485'TVD | | 0.00 | |

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------|-----------------------|-------------------|--------------|--|
| | | +N/-S (usft) | +E/-W (usft) | |
| 6,121.00 | 5,927.24 | -14.11 | -534.67 | KOP=6121'MD |
| 7,275.00 | 6,487.60 | -777.37 | -812.41 | LP=7275'MD / 6487.60'TVD |
| 17,037.00 | 6,558.02 | -10,004.84 | 2,360.87 | Deepest Point of well=17037'MD / 6558.02'TVD |
| 17,287.00 | 6,552.28 | -10,241.88 | 2,440.07 | FINAL Survey: 17287'MD / 6552.28'TVD |
| 17,333.00 | 6,550.84 | -10,285.35 | 2,455.04 | TD: 17333'MD / 6550.84'TVD |