

Well Operator's Report of Well Work



Well Number: Vanderbilt 8H (L003767)

API: 47 - 049 - 02537

Submission: ☒ Initial ☐ Amended

Notes:

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State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

API 47 - 049 - 02537 County Marion District Mannington  
Quad Glover Gap Pad Name VANDERBILT Field/Pool Name N/A  
Farm name EQT Production Company Well Number Vanderbilt 8H (L003767)  
Operator (as registered with the OOG) EQT Production Company  
Address 400 Woodcliff Drive City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4,377,625.50 Easting 545,120.30  
Landing Point of Curve Northing 4,377,738.82 Easting 545,088.18  
Bottom Hole Northing 4,374,359.56 Easting 546,731.93

Elevation (ft) 1358' GL Type of Well ☒ New ☐ Existing Type of Report ☐ Interim ☒ Final  
Permit Type ☐ Deviated ☐ Horizontal ☒ Horizontal 6A ☒ Vertical Depth Type ☐ Deep ☒ Shallow  
Type of Operation ☐ Convert ☐ Deepen ☒ Drill ☐ Plug Back ☐ Redrilling ☐ Rework ☐ Stimulate  
Well Type ☐ Brine Disposal ☐ CBM ☒ Gas ☐ Oil ☐ Secondary Recovery ☐ Solution Mining ☐ Storage ☐ Other \_\_\_\_\_  
Type of Completion ☒ Single ☐ Multiple Fluids Produced ☐ Brine ☒ Gas ☐ NGL ☐ Oil ☐ Other \_\_\_\_\_  
Drilled with ☐ Cable ☒ Rotary

Drilling Media Surface hole ☒ Air ☐ Mud ☐ Fresh Water Intermediate hole ☒ Air ☐ Mud ☐ Fresh Water ☐ Brine  
Production hole ☒ Air ☒ Mud ☐ Fresh Water ☐ Brine  
Mud Type(s) and Additive(s)

Synthetic Oil Based Mud 13.72 ppb barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 04/15/2024 Date drilling commenced 06/24/2024 Date drilling ceased 01/10/2025  
Date completion activities began 02/17/2025 Date completion activities ceased 05/20/2025  
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 243', 494' Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 1989' Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 1180' Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) Y

Reviewed by:

*JP 8-25-2025*

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| CASING STRINGS            | Hole Size      | Casing Size | Depth (GL) | New or Used | Grade wt/ft | Basket Depth(s) (GL) | Did cement circulate (Y/ N)<br>* Provide details below* |
|---------------------------|----------------|-------------|------------|-------------|-------------|----------------------|---------------------------------------------------------|
| Conductor                 | 30"            | 26"         | 40'        | NEW         | A-500 85.6# | N/A                  | Y                                                       |
| Surface                   | 17-1/2"        | 13-3/8"     | 1229'      | NEW         | J-55 54.5#  | N/A                  | Y                                                       |
| Coal                      |                |             |            |             |             |                      |                                                         |
| Intermediate 1            | 12-3/8"        | 9-5/8"      | 2682'      | NEW         | J-55 36#    | N/A                  | Y                                                       |
| Intermediate 2            |                |             |            |             |             |                      |                                                         |
| Intermediate 3            |                |             |            |             |             |                      |                                                         |
| Production                | 8-3/4", 8-1/2" | 6"          | 20,547'    | NEW         | P-110 24#   | N/A                  | N                                                       |
| Tubing                    |                |             |            |             |             |                      |                                                         |
| Packer type and depth set |                |             |            |             |             |                      |                                                         |

Comment Details \_\_\_\_\_

\*Production cmt has calculated TOC of 1116'GL, which is greater than 500'TVD above the producing formation. No issues

| CEMENT DATA    | Class/Type of Cement | Number of Sacks | Slurry wt (ppg) | Yield (ft <sup>3</sup> /sks) | Volume (ft <sup>3</sup> ) | Cement Top (GL) | WOC (hrs) |
|----------------|----------------------|-----------------|-----------------|------------------------------|---------------------------|-----------------|-----------|
| Conductor      | CLASS A              | 83              | 15.6            | 1.18                         | 98                        | 0               | 8+        |
| Surface        | CLASS A              | 1145            | 16              | 1.09                         | 1248                      | 0               | 8         |
| Coal           |                      |                 |                 |                              |                           |                 |           |
| Intermediate 1 | CLASS L              | 975             | 15.6            | 1.13                         | 1102                      | 0               | 8         |
| Intermediate 2 |                      |                 |                 |                              |                           |                 |           |
| Intermediate 3 |                      |                 |                 |                              |                           |                 |           |
| Production     | CLASS A              | 3440            | 15.0            | 1.19                         | 4093                      | 1116'           | 8+        |
| Tubing         |                      |                 |                 |                              |                           |                 |           |

Drillers TD (ft) 20,568'

Loggers TD (ft) N/A

Deepest formation penetrated MARCELLUS

Plug back to (ft) N/A

Plug back procedure N/A

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Kick off depth (ft) 2766'

Check all wireline logs run

☐ caliper ☐ density ☒ deviated/directional ☐ induction  
☐ neutron ☐ resistivity ☒ gamma ray ☐ temperature

Well cored ☐ Yes ☒ No ☐ Conventional ☐ Sidewall

Were cuttings collected ☐ Yes ☒ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING \_\_\_\_\_

CONDUCTOR- NONE

SURFACE- ON SHOE TRACK AND EVERY 500' TO SURFACE

INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE

PRODUCTION: ON SHOE TRACK, EVERY OTHER JOINT TO 8281', EVERY JOINT TO 6440', EVERY OTHER JOINT TO 1846'

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☒ No DETAILS \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS \_\_\_\_\_

WERE TRACERS USED ☐ Yes ☒ No TYPE OF TRACER(S) USED \_\_\_\_\_

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API 47- 049 - 02537 Farm name EQT Production Company Well number Vanderbilt 8H (L003767)

## PERFORATION RECORD

[illegible]

**Please insert additional pages as applicable.**

### STIMULATION INFORMATION PER STAGE

**Complete a separate record for each stimulation stage.**

[illegible]

**Please insert additional pages as applicable.**

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**PRODUCING FORMATION(S)**

## DEPTHS

|       | TVD   | MD    |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

**GAS TEST**    ☐ Build up    ☒ Drawdown    ☐ Open Flow

**OIL TEST**   ☐ Flow   ☐ Pump

SHUT-IN PRESSURE    Surface 3207    psi    Bottom Hole    psi    DURATION OF TEST 24    hrs

|           |       |     |     |       |                 |     |                                                                                                               |
|-----------|-------|-----|-----|-------|-----------------|-----|---------------------------------------------------------------------------------------------------------------|
| OPEN FLOW | Gas   | Oil | NGL | Water | GAS MEASURED BY |     |                                                                                                               |
| 23727     | mcfpd | bpd | 0   | bpd   | 493             | bpd |                                                                                                               |
|           |       |     |     |       |                 |     | <input type="checkbox"/> Estimated <input checked="" type="checkbox"/> Orifice <input type="checkbox"/> Pilot |

[illegible][illegible]

**Drilling Contractor Patterson UTI (294)**

Address 207 Carlton Drive City Eighty Four State PA Zip 15330

Logging Company Baker Hughes

Address 400 Technology Dr Suite 100 City Canonsburg State PA Zip 15317

**Cementing Company Halliburton**

Address 121 Champion Way Suite 110 City Canonsburg State PA Zip 15317

**Cementing  
Company** **Nextier Completion Solutions, Inc.**

Address 3990 Rogerdale Road City Houston State TX Zip 77042

**Please insert additional pages as applicable.**

Completed by Jacob Caplan

**Telephone +14122152723**

Signature [Signature] Title Completions Engineering Mgr Date 2025-07-31

**Submission of Hydraulic Fracturing Chemical Disclosure Information**      **Attach copy of FRACFOCUS Registry**

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GP 8-25-2025

API 47- 049 - 02537 Farm name EQT Production Company Well number Vanderbilt 8H (L003767)

Drilling Contractor Falcon (Rig 11)

Address 1120 US-119 City Indiana State PA Zip 15701

Logging Company GyroData

Address 73 Nobletown Road City Carnegie State PA Zip 15106

Logging Company Scientific Drilling International, Inc

Address 3475 Washington Ave City Finleyville State PA Zip 15332

Cementing Company \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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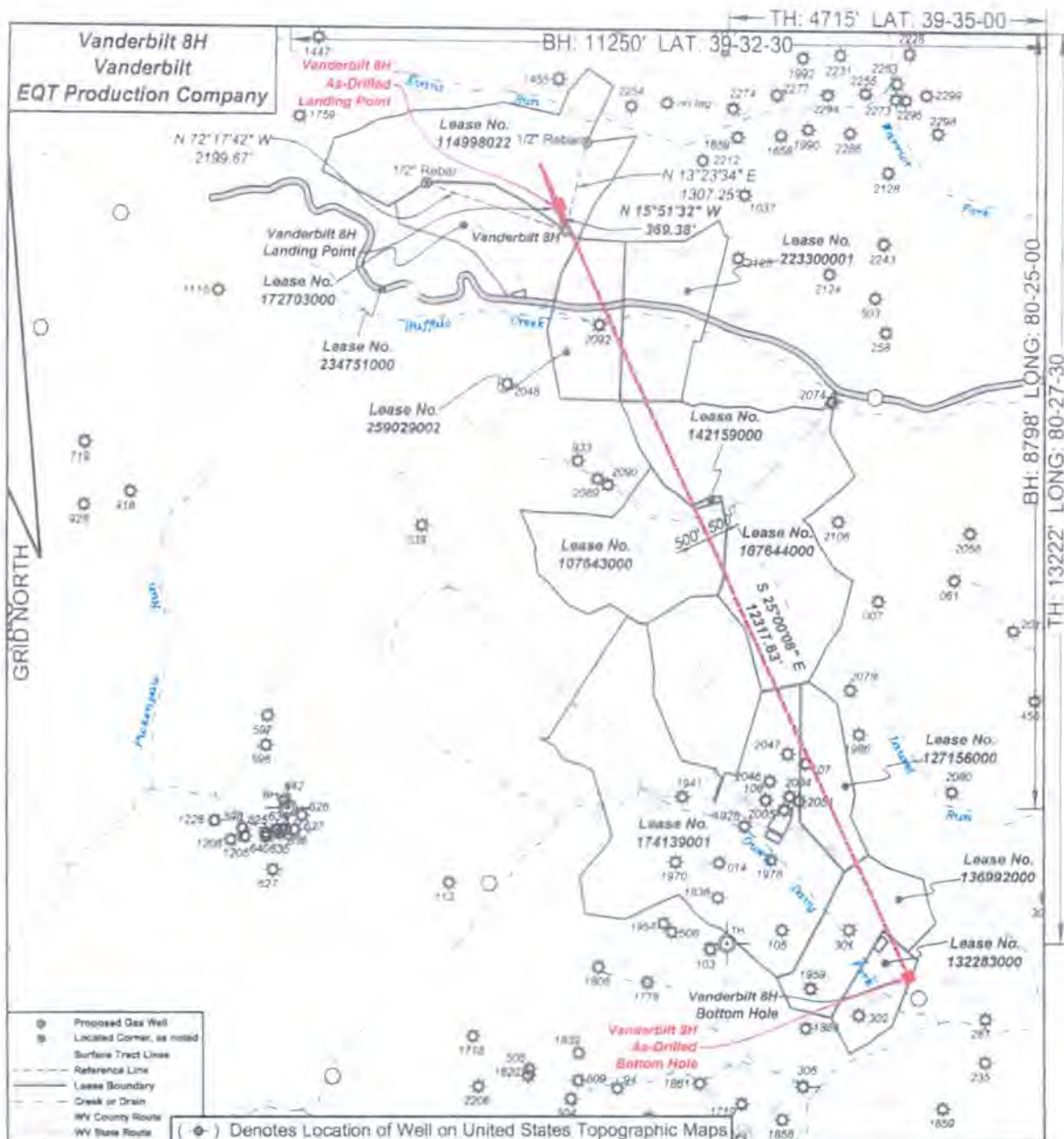
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| Well # VANDERBILT 8H Final Formations API# 47-049-02537 |                      |                         |                      |                         |
|---------------------------------------------------------|----------------------|-------------------------|----------------------|-------------------------|
| Formation Name                                          | Drill Top MD (ftGRD) | Drill Top (TVD) (ftGRD) | Drill Btm MD (ftGRD) | Drill Btm (TVD) (ftGRD) |
| Sand/Shale                                              | 1                    | 1                       | 1,180                | 1,180                   |
| Pittsburgh Coal                                         | 1,180                | 1,180                   | 1,189                | 1,189                   |
| Sand/Shale                                              | 1,189                | 1,189                   | 2,386                | 2,386                   |
| Big Lime                                                | 2,386                | 2,386                   | 2,458                | 2,458                   |
| Big Injun                                               | 2,458                | 2,458                   | 2,562                | 2,562                   |
| Sand/Shale                                              | 2,562                | 2,562                   | 3,050                | 3,049                   |
| Gantz                                                   | 3,050                | 3,049                   | 3,157                | 3,153                   |
| 50F                                                     | 3,157                | 3,153                   | 3,315                | 3,306                   |
| Sand/Shale                                              | 3,315                | 3,306                   | 3,357                | 3,347                   |
| Fifth Sand                                              | 3,357                | 3,347                   | 3,391                | 3,380                   |
| Sand/Shale                                              | 3,391                | 3,380                   | 3,435                | 3,423                   |
| Bayard                                                  | 3,435                | 3,423                   | 4,674                | 4,626                   |
| Sand/Shale                                              | 4,674                | 4,626                   | 5,856                | 5,772                   |
| Alexander                                               | 5,856                | 5,772                   | 6,095                | 6,004                   |
| Sand/Shale                                              | 6,095                | 6,004                   | 6,255                | 6,160                   |
| Elks                                                    | 6,255                | 6,160                   | 7,356                | 7,216                   |
| Sonyea                                                  | 7,356                | 7,216                   | 7,534                | 7,381                   |
| Middlesex                                               | 7,534                | 7,381                   | 7,601                | 7,437                   |
| Genesee                                                 | 7,601                | 7,437                   | 7,727                | 7,531                   |
| Geneseo                                                 | 7,727                | 7,531                   | 7,772                | 7,560                   |
| Tully                                                   | 7,772                | 7,560                   | 7,823                | 7,591                   |
| Hamilton                                                | 7,823                | 7,591                   | 8,040                | 7,689                   |
| Marcellus                                               | 8,040                | 7,689                   | 20,568               | 7,769                   |

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I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

P.S. 2092



SEAL

FILE NO: 93-21  
DRAWING NO: Vanderbilt 8H  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: 1/2500  
PROVEN SOURCE OF ELEVATION: NGS CORRS Station

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OIL AND GAS DIVISION**

DATE: January 20, 2025  
OPERATOR'S WELL NO: Vanderbilt 8H  
API WELL NO: 47-049-02537  
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL  
(IF GAS) PRODUCTION ☐ STORAGE ☐ DEEP ☒ SHALLOW  
LOCATION: ELEVATION: As-Built: 1358' WATERSHED: Evans Run & Buffalo Creek QUADRANGLE: Glover Gap  
DISTRICT: Mannington COUNTY: Marion  
SURFACE OWNER: Larry Higgins & Eva Higgins ACREAGE: 60  
ROYALTY OWNER: EQT Production Company, et al. LEASE NO: 172703000 ACREAGE: 80  
PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
☐ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,735'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow  
ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280  
Canonsburg, PA 15317 Bridgeport, WV 26330

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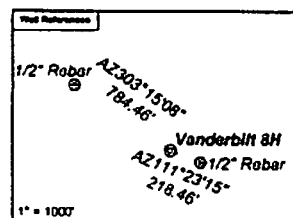
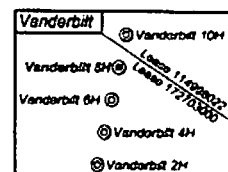
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**Vanderbilt 8H  
Vanderbilt  
EQT Production Company**

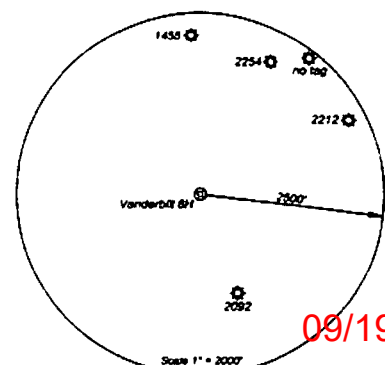
| Well ID | Trk Map No. | Permit No. | County | District   | Surface Well Owner                  | Acres  |
|---------|-------------|------------|--------|------------|-------------------------------------|--------|
| 1       | 45          | 11         | Marion | Mannington | Jeffrey D. & Pamela B. Gray         | 40     |
| 2       | 45          | 1          | Marion | Mannington | EQT Production Company              | 25.73  |
| 3       | 45          | 5          | Marion | Mannington | Larry R. & Suzanne M. Morris        | 50     |
| 4       | 45          | 12.1       | Marion | Mannington | April M. Powell                     | 2.49   |
| 5       | 45          | 4          | Marion | Mannington | Robert L. Powell, Jr.               | 19.92  |
| 6       | 45          | 2          | Marion | Mannington | April M. Powell                     | 17.5   |
| 7       | 45          | 13         | Marion | Mannington | Thomas L. Olson                     | 11     |
| 8       | 45          | 14.2       | Marion | Mannington | Thomas L. Olson                     | 1.9    |
| 9       | 45          | 14.1       | Marion | Mannington | Patricia F. Powell                  | 9.59   |
| 10      | 45          | 14.4       | Marion | Mannington | Thomas A. & Karen L. Mendenhall     | 3      |
| 11      | 45          | 15         | Marion | Mannington | April M. Powell                     | 27.29  |
| 12      | 45          | 28         | Marion | Mannington | John M. Proffitt, Sr.               | 14.6   |
| 13      | 45          | 25.1       | Marion | Mannington | Richard K. & Dawn K. Jones          | 5.71   |
| 14      | 45          | 24         | Marion | Mannington | Robert E. Mendenhall, et al         | 38.5   |
| 15      | 45          | 22         | Marion | Mannington | Thomas L. Shodgrass                 | 100.0  |
| 16      | 45          | 20         | Marion | Mannington | EQT Production Company              | 78.5   |
| 17      | 45          | 5.2        | Marion | Mannington | Marion County Coal Resources Inc.   | 74     |
| 18      | 45          | 5.1        | Marion | Mannington | Patricia A. Osterman                | 40     |
| 19      | 45          | 5          | Marion | Mannington | Patricia A. Osterman                | 100    |
| 20      | 45          | 11         | Marion | Mannington | Brat Martin                         | 59.56  |
| 21      | 45          | 12         | Marion | Mannington | Brat Martin                         | 10     |
| 22      | 45          | 2          | Marion | Mannington | Marion County Commission            | 944.34 |
| 23      | 45          | 3          | Marion | Mannington | Brat Martin                         | 8.5    |
| 24      | 45          | 14         | Marion | Mannington | Brat Martin                         | 4.5    |
| 25      | 45          | 16         | Marion | Mannington | Brat Martin                         | 10.5   |
| 26      | 45          | 17         | Marion | Mannington | Brat Martin                         | 7.5    |
| 27      | 45          | 9          | Marion | Mannington | Wayne C. & Alice B.                 | 13.25  |
| 28      | 45          | 9          | Marion | Mannington | Wayne C. & Alice B.                 | 95.87  |
| 29      | 45          | 12         | Marion | Mannington | Carol L. & Alice B.                 | 1.2    |
| 30      | 45          | 11         | Marion | Mannington | David L. & Dorotea D. Blonnel       | 23.53  |
| 31      | 45          | 6          | Marion | Mannington | The West Virginia Land Trust Inc.   | 40     |
| 32      | 45          | 7          | Marion | Mannington | The West Virginia Land Trust Inc.   | 48     |
| 33      | 45          | 2          | Marion | Mannington | Doris A. Mardock                    | 30     |
| 34      | 45          | 1          | Marion | Mannington | Marion County Coal Resources Inc.   | 88     |
| 35      | 45          | 4          | Marion | Mannington | Mike Ross Inc.                      | 67.47  |
| 36      | 45          | 5          | Marion | Mannington | Ally L. Hendon                      | 102.04 |
| 37      | 45          | 1          | Marion | Mannington | David L. & Dorotea A. James         | 28.5   |
| 38      | 45          | 2          | Marion | Mannington | EQT Production Company              | 40     |
| 39      | 45          | 3          | Marion | Mannington | Mark A. Barron                      | 27.5   |
| 40      | 45          | 4          | Marion | Mannington | Mark A. Barron                      | 57     |
| 41      | 45          | 5          | Marion | Mannington | Marion County Coal Resources Inc.   | 46.83  |
| 42      | 45          | 2.3        | Marion | Mannington | Wagon M. Ross                       | 0.75   |
| 43      | 45          | 2.2        | Marion | Mannington | Marion County Commission            | 1.19   |
| 44      | 45          | 2.4        | Marion | Mannington | Marion County Commission            | 2.87   |
| 45      | 45          | 10         | Marion | Mannington | Lisa A. & Sharon H. Powell          | 58     |
| 46      | 45          | 21         | Marion | Mannington | Alicia P. Lucas                     | 103.19 |
| 47      | 45          | 3          | Marion | Mannington | Jeffrey B. & Pamela J. Gray         | 107.28 |
| 48      | 45          | 5.1        | Marion | Mannington | Dorothy R. & Mary A. Power          | 8      |
| 49      | 45          | 5          | Marion | Mannington | Sharon A. Orr                       | 165.98 |
| 50      | 45          | 5.1        | Marion | Mannington | Nancy A. & Tracy H. Power           | 2.88   |
| 51      | 45          | 21.1       | Marion | Mannington | Trustees Church of Christ of Marion | 1      |

**As-Ordered Well Information:**  
**Vanderbilt 8H coordinates are**  
 NAD 83 UTM N: 4,377,825.50 E: 545,120.30  
**Vanderbilt 8H Landing Point coordinates are**  
 NAD 83 UTM N: 4,377,825.50 E: 545,120.30  
**Vanderbilt 8H Bottom Hole coordinates are**  
 NAD 83 UTM N: 4,377,825.50 E: 545,120.30  
**West Virginia Coordinate system of 1927 (North Zone)**  
 based upon Differential GPS Measurements  
 Post orientation, corner and well ties are based upon  
 the grid north meridian  
 Well location references are based upon the grid north  
 meridian  
 UTM coordinates are NAD83 Zone 17, Marion



| Lease No. | Owner                                                            | Acres     |
|-----------|------------------------------------------------------------------|-----------|
| 172703000 | EQT Production Company, et al                                    | 60        |
| 11488022  | Bounty Minerals, LLC, et al                                      | 125.73    |
| 259029002 | Country Roads Minerals, LLC, et al                               | 52        |
| 234751000 | West Virginia Department of Transportation, Division of Highways | 46.88     |
| 223300001 | Lee and Matt Royall, et al                                       | 68        |
| 107844000 | XTO Energy, Inc.                                                 | 185       |
| 142159000 | Doris L. Sparks, et al                                           | 41.833445 |
| 107843000 | Dorcas L. Chappell, et al                                        | 100       |
| 174139001 | Country Roads Minerals, LLC, et al                               | 203       |
| 127166000 | EQT Production Company, et al                                    | 40        |
| 136892000 | Mike Ross, Inc., et al                                           | 81        |
| 132283000 | XTO Energy, Inc.                                                 | 28        |

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# Perforation Data

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| Stage No. | Perforation Date | Stage Perforated From TMD Ft. | Stage Perforated To TMD Ft. | # of Perforations/Stage | Formation(s) |
|-----------|------------------|-------------------------------|-----------------------------|-------------------------|--------------|
| 2         | 04/05/2025       | 20460                         | 20279                       | 40                      | Marcellus    |
| 3         | 04/05/2025       | 20260                         | 20079                       | 40                      | Marcellus    |
| 4         | 04/06/2025       | 20060                         | 19879                       | 40                      | Marcellus    |
| 5         | 04/06/2025       | 19859                         | 19679                       | 40                      | Marcellus    |
| 6         | 04/06/2025       | 19659                         | 19479                       | 40                      | Marcellus    |
| 7         | 04/07/2025       | 19459                         | 19279                       | 40                      | Marcellus    |
| 8         | 04/07/2025       | 19259                         | 19078                       | 40                      | Marcellus    |
| 9         | 04/07/2025       | 19059                         | 18878                       | 40                      | Marcellus    |
| 10        | 04/08/2025       | 18859                         | 18678                       | 40                      | Marcellus    |
| 11        | 04/08/2025       | 18658                         | 18478                       | 40                      | Marcellus    |
| 12        | 04/09/2025       | 18458                         | 18278                       | 40                      | Marcellus    |
| 13        | 04/09/2025       | 18258                         | 18078                       | 40                      | Marcellus    |
| 14        | 04/09/2025       | 18058                         | 17878                       | 40                      | Marcellus    |
| 15        | 04/10/2025       | 17858                         | 17677                       | 40                      | Marcellus    |
| 16        | 04/11/2025       | 17658                         | 17477                       | 40                      | Marcellus    |
| 17        | 04/11/2025       | 17458                         | 17277                       | 40                      | Marcellus    |
| 18        | 04/12/2025       | 17257                         | 17077                       | 40                      | Marcellus    |
| 19        | 04/12/2025       | 17057                         | 16877                       | 40                      | Marcellus    |
| 20        | 04/13/2025       | 16857                         | 16677                       | 40                      | Marcellus    |
| 21        | 04/13/2025       | 16657                         | 16476                       | 40                      | Marcellus    |
| 22        | 04/13/2025       | 16457                         | 16276                       | 40                      | Marcellus    |
| 23        | 04/14/2025       | 16257                         | 16076                       | 40                      | Marcellus    |
| 24        | 04/15/2025       | 16056                         | 15876                       | 40                      | Marcellus    |
| 25        | 04/15/2025       | 15856                         | 15676                       | 40                      | Marcellus    |
| 26        | 04/15/2025       | 15656                         | 15476                       | 40                      | Marcellus    |
| 27        | 04/16/2025       | 15456                         | 15275                       | 40                      | Marcellus    |
| 28        | 04/16/2025       | 15256                         | 15075                       | 40                      | Marcellus    |
| 29        | 04/16/2025       | 15056                         | 14875                       | 40                      | Marcellus    |
| 30        | 04/17/2025       | 14855                         | 14675                       | 40                      | Marcellus    |
| 31        | 04/17/2025       | 14655                         | 14475                       | 40                      | Marcellus    |
| 32        | 04/18/2025       | 14455                         | 14275                       | 40                      | Marcellus    |
| 33        | 04/18/2025       | 14255                         | 14074                       | 40                      | Marcellus    |
| 34        | 04/19/2025       | 14055                         | 13874                       | 40                      | Marcellus    |
| 35        | 04/19/2025       | 13855                         | 13674                       | 40                      | Marcellus    |
| 36        | 04/20/2025       | 13654                         | 13474                       | 40                      | Marcellus    |
| 37        | 04/20/2025       | 13454                         | 13274                       | 40                      | Marcellus    |
| 38        | 04/21/2025       | 13254                         | 13074                       | 40                      | Marcellus    |
| 39        | 04/21/2025       | 13054                         | 12874                       | 40                      | Marcellus    |
| 40        | 04/22/2025       | 12854                         | 12673                       | 40                      | Marcellus    |
| 41        | 04/22/2025       | 12654                         | 12473                       | 40                      | Marcellus    |
| 42        | 04/22/2025       | 12454                         | 12273                       | 40                      | Marcellus    |
| 43        | 04/23/2025       | 12253                         | 12073                       | 40                      | Marcellus    |

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|    |            |       |       |    |           |
|----|------------|-------|-------|----|-----------|
| 44 | 04/24/2025 | 12053 | 11873 | 40 | Marcellus |
| 45 | 04/25/2025 | 11853 | 11673 | 40 | Marcellus |
| 46 | 04/26/2025 | 11653 | 11472 | 40 | Marcellus |
| 47 | 04/26/2025 | 11453 | 11272 | 40 | Marcellus |
| 48 | 04/26/2025 | 11253 | 11072 | 40 | Marcellus |
| 49 | 04/27/2025 | 11052 | 10872 | 40 | Marcellus |
| 50 | 04/27/2025 | 10852 | 10672 | 40 | Marcellus |
| 51 | 04/28/2025 | 10652 | 10472 | 40 | Marcellus |
| 52 | 04/28/2025 | 10452 | 10271 | 40 | Marcellus |
| 53 | 04/28/2025 | 10252 | 10071 | 40 | Marcellus |
| 54 | 04/29/2025 | 10052 | 9871  | 40 | Marcellus |
| 55 | 04/29/2025 | 9851  | 9671  | 40 | Marcellus |
| 56 | 04/30/2025 | 9651  | 9471  | 40 | Marcellus |
| 57 | 04/30/2025 | 9451  | 9271  | 40 | Marcellus |
| 58 | 05/01/2025 | 9251  | 9070  | 40 | Marcellus |
| 59 | 05/02/2025 | 9051  | 8870  | 40 | Marcellus |
| 60 | 05/03/2025 | 8851  | 8670  | 40 | Marcellus |
| 61 | 05/03/2025 | 8650  | 8470  | 40 | Marcellus |
| 62 | 05/04/2025 | 8450  | 8270  | 40 | Marcellus |
| 63 | 05/05/2025 | 8250  | 8070  | 40 | Marcellus |

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# Stimulation Data

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| Stage # | Stimulation Date | Ave Pump Rate (BPM) | Ave Treatment Pressure (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Amount of Proppant (lbs) | Amount of Water (bbls) | Amount of Nitrogen/other (units) |
|---------|------------------|---------------------|------------------------------|------------------------------|------------|--------------------------|------------------------|----------------------------------|
| 1       | 04/05/2025       | 97                  | 8505                         | 7548                         | 4211       | 175685                   | 4012.000               |                                  |
| 2       | 04/05/2025       | 98                  | 8779                         | 7762                         | 4928       | 439839                   | 10266.000              |                                  |
| 3       | 04/06/2025       | 99                  | 8997                         | 6796                         | 5584       | 439927                   | 10164.000              |                                  |
| 4       | 04/06/2025       | 99                  | 9054                         | 6303                         | 5485       | 430882                   | 10136.000              |                                  |
| 5       | 04/06/2025       | 99                  | 8967                         | 6426                         | 5514       | 440145                   | 10186.000              |                                  |
| 6       | 04/07/2025       | 100                 | 8904                         | 6410                         | 5227       | 440030                   | 10153.000              |                                  |
| 7       | 04/07/2025       | 100                 | 9103                         | 5720                         | 5804       | 440131                   | 10138.000              |                                  |
| 8       | 04/07/2025       | 100                 | 9006                         | 6788                         | 5890       | 439875                   | 10126.000              |                                  |
| 9       | 04/08/2025       | 100                 | 8976                         | 6526                         | 5073       | 440038                   | 10126.000              |                                  |
| 10      | 04/08/2025       | 99                  | 9119                         | 6372                         | 5234       | 440046                   | 10078.000              |                                  |
| 11      | 04/09/2025       | 100                 | 9131                         | 6419                         | 4707       | 439738                   | 10151.000              |                                  |
| 12      | 04/09/2025       | 99                  | 9038                         | 6063                         | 4870       | 440034                   | 10068.000              |                                  |
| 13      | 04/10/2025       | 99                  | 9118                         | 6716                         | 5267       | 430690                   | 10058.000              |                                  |
| 14      | 04/11/2025       | 99                  | 9061                         | 6819                         | 4445       | 439859                   | 10123.000              |                                  |
| 15      | 04/11/2025       | 99                  | 9111                         | 6655                         | 5012       | 440573                   | 10109.000              |                                  |
| 16      | 04/11/2025       | 100                 | 8908                         | 6590                         | 4667       | 440155                   | 10101.000              |                                  |
| 17      | 04/12/2025       | 99                  | 9058                         | 6347                         | 4678       | 440172                   | 10094.000              |                                  |
| 18      | 04/12/2025       | 100                 | 9059                         | 6547                         | 4832       | 439975                   | 10037.000              |                                  |
| 19      | 04/13/2025       | 100                 | 8942                         | 6562                         | 5338       | 439872                   | 10116.000              |                                  |
| 20      | 04/13/2025       | 99                  | 8857                         | 6676                         | 5709       | 440250                   | 10040.000              |                                  |
| 21      | 04/13/2025       | 100                 | 8933                         | 6334                         | 4610       | 440046                   | 10044.000              |                                  |
| 22      | 04/14/2025       | 100                 | 8800                         | 6319                         | 4791       | 440109                   | 10059.000              |                                  |
| 23      | 04/15/2025       | 100                 | 8966                         | 6868                         | 5323       | 439955                   | 9917.000               |                                  |
| 24      | 04/15/2025       | 100                 | 9045                         | 6371                         | 5165       | 439994                   | 10016.000              |                                  |
| 25      | 04/15/2025       | 100                 | 8924                         | 6530                         | 5434       | 440132                   | 10042.000              |                                  |
| 26      | 04/16/2025       | 100                 | 8966                         | 6639                         | 5005       | 440034                   | 10044.000              |                                  |
| 27      | 04/16/2025       | 100                 | 8993                         | 6367                         | 4849       | 440114                   | 9880.000               |                                  |
| 28      | 04/16/2025       | 100                 | 8725                         | 6469                         | 5494       | 440020                   | 9978.000               |                                  |
| 29      | 04/17/2025       | 100                 | 8975                         | 6395                         | 6782       | 440231                   | 9955.000               |                                  |
| 30      | 04/17/2025       | 100                 | 8796                         | 6378                         | 5000       | 440319                   | 9878.000               |                                  |
| 31      | 04/18/2025       | 100                 | 8990                         | 6500                         | 4835       | 440293                   | 9933.000               |                                  |
| 32      | 04/18/2025       | 95                  | 8810                         | 6637                         | 6824       | 440036                   | 10035.000              |                                  |
| 33      | 04/19/2025       | 100                 | 8951                         | 6901                         | 4842       | 440325                   | 9947.000               |                                  |
| 34      | 04/19/2025       | 100                 | 9031                         | 6551                         | 5418       | 440544                   | 9947.000               |                                  |
| 35      | 04/20/2025       | 100                 | 9018                         | 6685                         | 4940       | 440272                   | 9920.000               |                                  |
| 36      | 04/20/2025       | 100                 | 8978                         | 6523                         | 7679       | 440232                   | 9923.000               |                                  |
| 37      | 04/20/2025       | 100                 | 8756                         | 6687                         | 6759       | 440304                   | 9917.999               |                                  |
| 38      | 04/21/2025       | 100                 | 8687                         | 6487                         | 5476       | 440144                   | 9861.000               |                                  |
| 39      | 04/22/2025       | 99                  | 9000                         | 6572                         | 4724       | 440260                   | 9896.000               |                                  |
| 40      | 04/22/2025       | 100                 | 8634                         | 6436                         | 5914       | 440156                   | 9742.000               |                                  |
| 41      | 04/22/2025       | 99                  | 8779                         | 6960                         | 5217       | 440060                   | 9915.000               |                                  |
| 42      | 04/23/2025       | 100                 | 8698                         | 6685                         | 5052       | 440178                   | 9834.000               |                                  |

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|    |            |     |      |      |      |        |          |
|----|------------|-----|------|------|------|--------|----------|
| 43 | 04/24/2025 | 100 | 8649 | 5964 | 4811 | 440086 | 9871.000 |
| 44 | 04/25/2025 | 97  | 8776 | 6322 | 5256 | 440000 | 9809.000 |
| 45 | 04/26/2025 | 99  | 8652 | 6511 | 5019 | 441253 | 9845.000 |
| 46 | 04/26/2025 | 100 | 8634 | 6322 | 4890 | 440239 | 9711.000 |
| 47 | 04/26/2025 | 99  | 8421 | 6509 | 6134 | 440084 | 9808.000 |
| 48 | 04/27/2025 | 99  | 8672 | 6351 | 4981 | 443269 | 9853.000 |
| 49 | 04/27/2025 | 100 | 8232 | 5879 | 4868 | 439848 | 9801.000 |
| 50 | 04/28/2025 | 100 | 8470 | 6712 | 5644 | 439933 | 9804.000 |
| 51 | 04/28/2025 | 100 | 8459 | 9170 | 6394 | 440198 | 9787.000 |
| 52 | 04/29/2025 | 100 | 8676 | 6427 | 5209 | 439961 | 9770.000 |
| 53 | 04/29/2025 | 100 | 8418 | 5793 | 5259 | 439963 | 9879.000 |
| 54 | 04/29/2025 | 100 | 8395 | 6306 | 5070 | 440037 | 9758.000 |
| 55 | 04/30/2025 | 100 | 8100 | 6089 | 5324 | 440006 | 9776.000 |
| 56 | 04/30/2025 | 100 | 8338 | 6474 | 5152 | 441524 | 9760.000 |
| 57 | 05/01/2025 | 99  | 8421 | 6726 | 5172 | 440106 | 9753.000 |
| 58 | 05/02/2025 | 99  | 8600 | 6115 | 5060 | 439845 | 9763.000 |
| 59 | 05/03/2025 | 101 | 8485 | 6843 | 5242 | 440199 | 9716.000 |
| 60 | 05/03/2025 | 101 | 8348 | 6364 | 4945 | 440020 | 9724.000 |
| 61 | 05/04/2025 | 100 | 8466 | 6885 | 4914 | 440022 | 9733.000 |
| 62 | 05/05/2025 | 100 | 8415 | 6604 | 4638 | 440108 | 9707.000 |
| 63 | 05/05/2025 | 97  | 8267 | 7145 | 4451 | 440196 | 9671.000 |

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## Hydraulic Fracturing Fluid Product Component Information Disclosure

|                                 |                    |
|---------------------------------|--------------------|
| Job Start Date:                 | 02/17/2025         |
| Job End Date:                   | 05/06/2025         |
| State:                          | West Virginia      |
| County:                         | Marion             |
| API Number:                     | 47-049-02537-00-00 |
| Operator Name:                  | EQT Production     |
| Well Name and Number:           | Vanderbilt 8H      |
| Latitude:                       | 39.547119          |
| Longitude:                      | -80.474864         |
| Datum:                          | NAD83              |
| Federal Well:                   | NO                 |
| Indian Well:                    | NO                 |
| True Vertical Depth:            | 7797               |
| Total Base Water Volume (gal)*: | 26051213.9833292   |
| Total Base Non Water Volume:    | 0                  |



| Water Source | Percent |
|--------------|---------|
|--------------|---------|

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### Hydraulic Fracturing Fluid Composition:

| Trade Name         | Supplier         | Purpose            | Ingredients                                                           | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments |
|--------------------|------------------|--------------------|-----------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|----------|
| Water              | EQT              | Carrier/Base Fluid |                                                                       |                                          |                                                            |                                                            |          |
|                    |                  |                    | Water                                                                 | 7732-18-5                                | 100.00000                                                  | 88.45328                                                   | None     |
| Sand (Proppant)    | EQT              | Proppant           |                                                                       |                                          |                                                            |                                                            |          |
|                    |                  |                    | Silica Substrate                                                      | 14808-60-7                               | 100.00000                                                  | 11.17555                                                   | None     |
| StimSTREAM FR 9800 | ChemStream, Inc. | Friction Reducer   |                                                                       |                                          |                                                            |                                                            |          |
|                    |                  |                    | ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER | 69418-26-4                               | 40.00000                                                   | 0.18235                                                    | None     |
| StimSTREAM FR 9800 | ChemStream, Inc. | Friction Reducer   |                                                                       |                                          |                                                            |                                                            |          |
|                    |                  |                    | ALKANES, C12-26-BRANCHED AND LINEAR                                   | 90622-53-0                               | 40.00000                                                   | 0.18235                                                    | None     |
| Clearal 268        | ChemStream, Inc. | Biocide            |                                                                       |                                          |                                                            |                                                            |          |

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|                               |                                       |                     |                                            |             |          |         |      |
|-------------------------------|---------------------------------------|---------------------|--------------------------------------------|-------------|----------|---------|------|
|                               |                                       |                     | Water                                      | 7732-18-5   | 80.00000 | 0.03576 | None |
| StimSTREAM<br>FR 9800         | ChemStream,<br>Inc.                   | Friction<br>Reducer |                                            |             |          |         |      |
|                               |                                       |                     | Water                                      | 7732-18-5   | 15.00000 | 0.02564 | None |
| DGS Divert<br>FF ULT          | Dynamic<br>Green<br>Solutions,<br>LLC | Diverter            |                                            |             |          |         |      |
|                               |                                       |                     | Poly lactide resin                         | 9051-89-2   | 98.00000 | 0.00797 | None |
| StimSTREAM<br>FR 9800         | ChemStream,<br>Inc.                   | Friction<br>Reducer |                                            |             |          |         |      |
|                               |                                       |                     | ETHOXYLATED<br>ALCOHOLS (C12-16)           | 68551-12-2  | 5.00000  | 0.00285 | None |
| Clearal 268                   | ChemStream,<br>Inc.                   | Biocide             |                                            |             |          |         |      |
|                               |                                       |                     | Glutaraldehyde                             | 111-30-8    | 20.00000 | 0.00224 | None |
| Enviro-Syn<br>HCR-7000-<br>WL | STAAR<br>Logistics,<br>LLC            | Synthetic<br>Acid   |                                            |             |          |         |      |
|                               |                                       |                     | FLUID-Acid-00001                           | Proprietary | 20.00000 | 0.00125 | None |
| Enviro-Syn<br>HCR-7000-<br>WL | STAAR<br>Logistics,<br>LLC            | Synthetic<br>Acid   |                                            |             |          |         |      |
|                               |                                       |                     | FLUID-Amine-00001                          | Proprietary | 10.00000 | 0.00031 | None |
| StimSTREAM<br>SC-398          | ChemStream,<br>Inc.                   | Scale<br>Inhibitor  |                                            |             |          |         |      |
|                               |                                       |                     | AA/ATBS Co-polymer                         | 9003-05-8   | 5.00000  | 0.00009 | None |
| Clearal 268                   | ChemStream,<br>Inc.                   | Biocide             |                                            |             |          |         |      |
|                               |                                       |                     | Didecyl dimethyl ammonium<br>chloride      | 7173-51-5   | 3.00000  | 0.00005 | None |
| Clearal 268                   | ChemStream,<br>Inc.                   | Biocide             |                                            |             |          |         |      |
|                               |                                       |                     | Quaternary Ammonium<br>Compounds           | 68424-85-1  | 3.00000  | 0.00005 | None |
| Clearal 268                   | ChemStream,<br>Inc.                   | Biocide             |                                            |             |          |         |      |
|                               |                                       |                     | Ethanol                                    | 64-17-5     | 1.50000  | 0.00001 | None |
| StimSTREAM<br>FR 2800         | ChemStream,<br>Inc.                   | Friction<br>Reducer |                                            |             |          |         |      |
|                               |                                       |                     | Distillates (petroleum),<br>hydrated light | 64742-47-8  | 25.00000 | 0.00001 | None |
| StimSTREAM<br>SC-398          | ChemStream,<br>Inc.                   | Scale<br>Inhibitor  |                                            |             |          |         |      |
|                               |                                       |                     | AA/Maleic Anhydride Co-<br>polymer         | 9003-04-7   | 1.00000  | 0.00000 | None |

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|                                                                                                                                                   |                     |                     |                                                 |            |         |         |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|-------------------------------------------------|------------|---------|---------|------|
| StimSTREAM<br>FR 2800                                                                                                                             | ChemStream,<br>Inc. | Friction<br>Reducer |                                                 |            |         |         |      |
|                                                                                                                                                   |                     |                     | Alcohols, C11-14-iso, C13-<br>rich, ethoxylated | 78330-21-9 | 5.00000 | 0.00000 | None |
| Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS |                     |                     |                                                 |            |         |         |      |

\* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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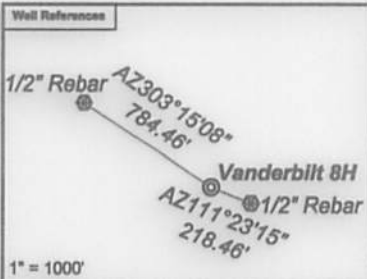
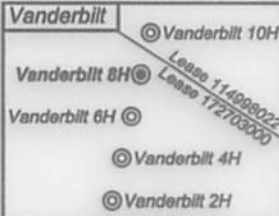




Vanderbilt 8H  
Vanderbilt  
EQT Production Company

| Tract I.D. | Tax Map No. | Parcel No. | County | District   | Surface Tract Owner                         | Acres  |
|------------|-------------|------------|--------|------------|---------------------------------------------|--------|
| 1          | 45          | 11         | Marion | Mannington | Larry D. & Trisha B. Higgins                | 60     |
| 2          | 45          | 17         | Marion | Mannington | EQT Production Company                      | 125.73 |
| 3          | 45          | 5          | Marion | Mannington | Harry R. & Susanne M. Morris                | 52     |
| 4          | 45          | 12.1       | Marion | Mannington | April M. Powell                             | 2.49   |
| 5          | 45          | 4          | Marion | Mannington | Ronald L. Powell, Jr.                       | 59.82  |
| 6          | 45          | 12         | Marion | Mannington | April M. Powell                             | 37.5   |
| 7          | 45          | 13         | Marion | Mannington | Thelma L. Coen                              | 11     |
| 8          | 45          | 14.2       | Marion | Mannington | Thelma L. Coen                              | 1.6    |
| 9          | 45          | 14.1       | Marion | Mannington | Patricia F. Powell                          | 8.59   |
| 10         | 45          | 14.4       | Marion | Mannington | Thomas A. & Karen J. Hixenbaugh             | 3      |
| 11         | 45          | 16         | Marion | Mannington | Keith A. Powell                             | 27.29  |
| 12         | 45          | 26         | Marion | Mannington | John M. Proffitt, Sr.                       | 14.6   |
| 13         | 45          | 25.1       | Marion | Mannington | Richard K. & Dawn K. Jones                  | 5.71   |
| 14         | 45          | 24         | Marion | Mannington | Barbara E. Henderson, et al.                | 38.5   |
| 15         | 45          | 23         | Marion | Mannington | Thomas L. Shodgrass                         | 105.5  |
| 16         | 45          | 20         | Marion | Mannington | EQT Production Company                      | 78.5   |
| 29         | 46          | 5.2        | Marion | Mannington | Marion County Coal Resources Inc.           | 74     |
| 30         | 46          | 6.1        | Marion | Mannington | Patricia A. Cothman                         | 40     |
| 31         | 46          | 6          | Marion | Mannington | Patricia A. Cothman                         | 100    |
| 32         | 46          | 11         | Marion | Mannington | Brett Martin                                | 59.55  |
| 34         | 46          | 12         | Marion | Mannington | Brett Martin                                | 10     |
| 35         | 46          | 2          | Marion | Mannington | Marion County Commission                    | 644.34 |
| 36         | 46          | 13         | Marion | Mannington | Brett Martin                                | 8.5    |
| 37         | 46          | 14         | Marion | Mannington | Brett Martin                                | 8.5    |
| 38         | 46          | 16         | Marion | Mannington | Brett Martin                                | 10.5   |
| 39         | 46          | 17         | Marion | Mannington | Brett Martin                                | 7.5    |
| 40         | 46          | 9          | Marion | Mannington | Wayne D. Willie II                          | 13.25  |
| 41         | 46          | 1          | Marion | Mannington | Wayne D. Willie II                          | 65.87  |
| 44         | 46          | 1.2        | Marion | Mannington | Caren L. Willie                             | 1.2    |
| 45         | 47          | 11         | Marion | Mannington | David L. & Doretha D. Bonnell               | 23.53  |
| 46         | 47          | 6          | Marion | Mannington | The West Virginia Land Trust Inc.           | 62     |
| 47         | 47          | 7          | Marion | Mannington | The West Virginia Land Trust Inc.           | 48     |
| 48         | 47          | 2          | Marion | Mannington | Debra A. Marozzi                            | 30     |
| 49         | 47          | 1          | Marion | Mannington | Marion County Coal Resources Inc.           | 98     |
| 50         | 46          | 4          | Marion | Mannington | Mike Ross Inc.                              | 67.47  |
| 51         | 46          | 5          | Marion | Mannington | Ruby L. Herndon                             | 182.04 |
| 52         | 48          | 1          | Marion | Mannington | David L. & Karla A. James                   | 58.5   |
| 53         | 48          | 2          | Marion | Mannington | EQT Production Company                      | 40     |
| 54         | 48          | 3          | Marion | Mannington | Mark A. Barron                              | 27.5   |
| 55         | 48          | 4          | Marion | Mannington | Mark A. Barron                              | 57     |
| 56         | 48          | 5          | Marion | Mannington | Marion County Coal Resources Inc.           | 46.83  |
| 57         | 46          | 2.3        | Marion | Mannington | Megan M. Peak                               | 0.75   |
| 58         | 46          | 2.2        | Marion | Mannington | Marion County Commission                    | 1.19   |
| 59         | 46          | 2.4        | Marion | Mannington | Marion County Commission                    | 0.81   |
| 65         | 45          | 10         | Marion | Mannington | Lisa A. & Baron R. Powell                   | 68     |
| 66         | 45          | 21         | Marion | Mannington | Volde E. Lucas                              | 103.19 |
| 67         | 45          | 9          | Marion | Mannington | Jeffrey B. & Pamela J. Gray                 | 107.28 |
| 68         | 45          | 6.1        | Marion | Mannington | Barron R. & Mary A. Powell                  | 8      |
| 69         | 45          | 8          | Marion | Mannington | Sharon A. Grim                              | 185.96 |
| 81         | 46          | 5.1        | Marion | Mannington | Nancy A. & Tracy R. Powell                  | 2.06   |
| 90         | 51          | 21.1       | Marion | Mannington | Trustees Curtis Chapel Church of Mannington | 1      |

As-Drilled Well Information:  
Vanderbilt 8H coordinates are  
NAD 27 N: 382,844.29 E: 1,725,043.86  
NAD 83 UTM N: 4,377,625.50 E: 545,120.30  
Vanderbilt 8H Landing Point coordinates are  
NAD 27 N: 383,217.91 E: 1,724,944.65  
NAD 83 UTM N: 4,377,738.82 E: 545,088.18  
Vanderbilt 8H Bottom Hole coordinates are  
NAD 27 N: 372,039.27 E: 1,730,153.89  
NAD 83 UTM N: 4,374,359.58 E: 546,731.93  
West Virginia Coordinate system of 1927 (North Zone)  
based upon Differential GPS Measurements.  
Pit orientation, corner and well ties are based upon  
the grid north meridian.  
Well location references are based upon the grid north  
meridian.  
UTM coordinates are NAD83, Zone 17, Meters.



| Lease No. | Owner                                                            | Acres     |
|-----------|------------------------------------------------------------------|-----------|
| 172703000 | EQT Production Company, et al.                                   | 60        |
| 114998022 | Bounty Minerals, LLC, et al.                                     | 125.73    |
| 259029002 | Country Roads Minerals, LLC, et al.                              | 52        |
| 234751000 | West Virginia Department of Transportation, Division of Highways | 46.86     |
| 223300001 | Lee and Hall Royalties, et al.                                   | 68        |
| 107644000 | XTO Energy, Inc.                                                 | 185       |
| 142159000 | Debra L. Sparks, et al.                                          | 41.833485 |
| 107643000 | Denise L. Chappell, et al.                                       | 100       |
| 174139001 | Country Roads Minerals, LLC, et al.                              | 203       |
| 127156000 | EQT Production Company, et al.                                   | 40        |
| 136992000 | Mike Ross, Inc., et al.                                          | 61        |
| 132283000 | XTO Energy, Inc.                                                 | 28        |

