



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Monday, October 28, 2024
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for VANDERBILT 2H
47-049-02534-00-00

Lateral Extension

EQT PRODUCTION COMPANY

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: VANDERBILT 2H
Farm Name: LARRY AND TRISHA HIGGINS
U.S. WELL NUMBER: 47-049-02534-00-00
Horizontal 6A New Drill
Date Modification Issued: 10/28/2024

Promoting a healthy environment.

11/01/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: EQT Production Company 306686 Marion Manningt Glover Gap
Operator ID County District Quadrangle

2) Operator's Well Number: 2H Well Pad Name: Vanderbilt

3) Farm Name/Surface Owner: Larry & Trisha Higgins Public Road Access: CR-1

4) Elevation, current ground: 1,358' (built) Elevation, proposed post-construction: 1,358' (built)

5) Well Type (a) Gas Oil Underground Storage

Other

(b) If Gas Shallow Deep

Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 7,735', 56', 2,620 psi

8) Proposed Total Vertical Depth: 7,735'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 23,286'

11) Proposed Horizontal Leg Length: 14,052'

12) Approximate Fresh Water Strata Depths: 253', 504'

13) Method to Determine Fresh Water Depths: Offset Wells - 049-01784, 049-30593, 049-30230

14) Approximate Saltwater Depths: N/A

15) Approximate Coal Seam Depths: 1,181'-1,188'

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No

(a) If Yes, provide Mine Info: Name: Harrison County Mine
Depth: 1,181'-1,188'
Seam: Pittsburgh
Owner: Harrison County Coal Resources, Inc.

CK# 606098
\$ 7500⁰⁰

Kenny Willett 10/23/24

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18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A252	85.6	53	53 ✓	45 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1238	1238 ✓	1135 ft^3 / CTS ✓
Coal							
Intermediate	9 5/8	New	J-55	36	2685	2685 ✓	1035 ft^3 / CTS
Production	6	New	P-110	24	23286	23286 ✓	500' above intermediate casing ✓
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	0.312	1000	18	Class A/L ✓	1.04 - 1.20
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A/L	1.04 - 1.20
Coal							
Intermediate	9 5/8	12 3/8 - 12 1/4	0.352	3520	2816	Class A/H/L	1.04 - 1.20
Production	6	8 3/4 - 8 1/2	0.400	14580	11664	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

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PACKERS

Kind:				
Sizes:				
Depths Set:				

Kenny Willett

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

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20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 56.80 acres (built)

22) Area to be disturbed for well pad only, less access road (acres): 8.44 acres (built)

23) Describe centralizer placement for each casing string:

- Surface: Bow spring centralizers – One centralizer at the shoe and one spaced every 500'.
- Intermediate: Bow spring centralizers– One centralizer at the shoe and one spaced every 500'.
- Production: One solid body centralizer spaced every other joint from production casing shoe to landing point. One solid body centralizer spaced every joint from landing point to planned top of cement.

24) Describe all cement additives associated with each cement type:

Conductor: Class A no additives

Surface: Calcium Chloride. Used to speed the setting of cement slurries

Intermediate: Calcium Chloride. Used to speed the setting of cement slurries. If applicable: Gas Migration Control Additive, Cement Retarder

Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, Anti-Settling/Suspension Agent

25) Proposed borehole conditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.

Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.

Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

*Note: Attach additional sheets as needed.

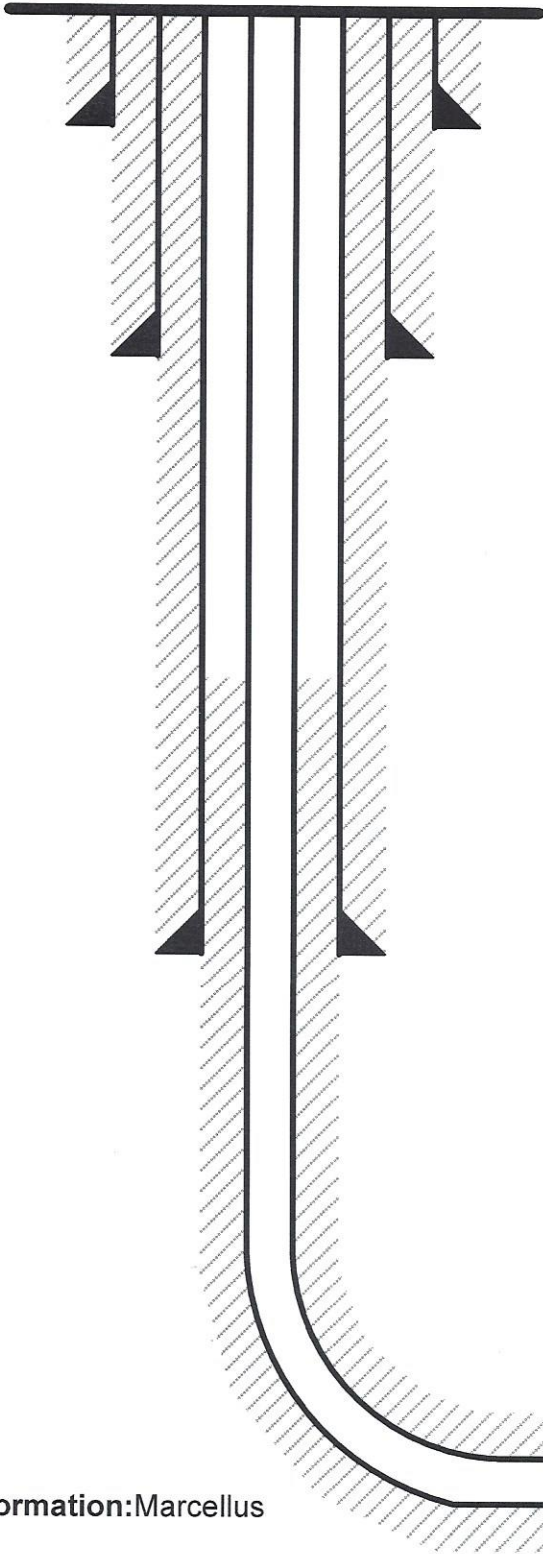
Kenny Willatt

EQT Production

Wellbore Diagram

Well: Vanderbilt 2H
Pad: Vanderbilt
Elevation: 1358' GL 1371' KB

County: Marion
State: West Virginia



Conductor @ 53'

26", 85.6#, A252, cement to surface w/ Class A/L

Surface @ 1,238'

13-3/8", 54.5#, J-55, cement to surface w/ Class A/L

Intermediate @ 2,685'

9-5/8", 36#, J-55, cement to surface w/ Class A/H/L

Production @ 23,286' MD / 7,735' TVD

6", 24#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

Formation: Marcellus

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EQT Production
Hydraulic Fracturing Monitoring Plan
Pad ID: Vanderbilt
County: Marion

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October 4, 2024

Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Marion County, WV prior to hydraulic fracturing at the following EQT wells on the Vanderbilt pad: 2H, 4H, 6H, 8H and 10H.

Due to the requirements under 35CSR8 5.11, the permittee is required to review the area surrounding the proposed well pad so as to identify and evaluate potential conduits for unintended fracture propagation.

A report is required to be submitted along with a well work permit application.

The plan is being implemented as an additional safety measure to be utilized in conjunction with existing best management practices and emergency action plans for the site. These additional measures include coordination with well operators of the timing and location of the hydraulic fracturing, establishment of measures well operators should implement, and assurance that the OOG is notified of the timeline, as well as any issues that may arise during fracturing.

1. Communications with Well Operators

EQT, using available data (WV Geological Survey, WVDEP website, and IHS data service), has identified all known wells and well operators within 500 feet of this pad and the lateral sections that are known or could reasonably be expected to be within range of the fracture propagation. A map showing these wells along with a list of the wells and operators is included in **Attachment A**.

EQT will notify these operators of the hydraulic fracturing schedule for these wells, and coordinate with them throughout the fracturing process.

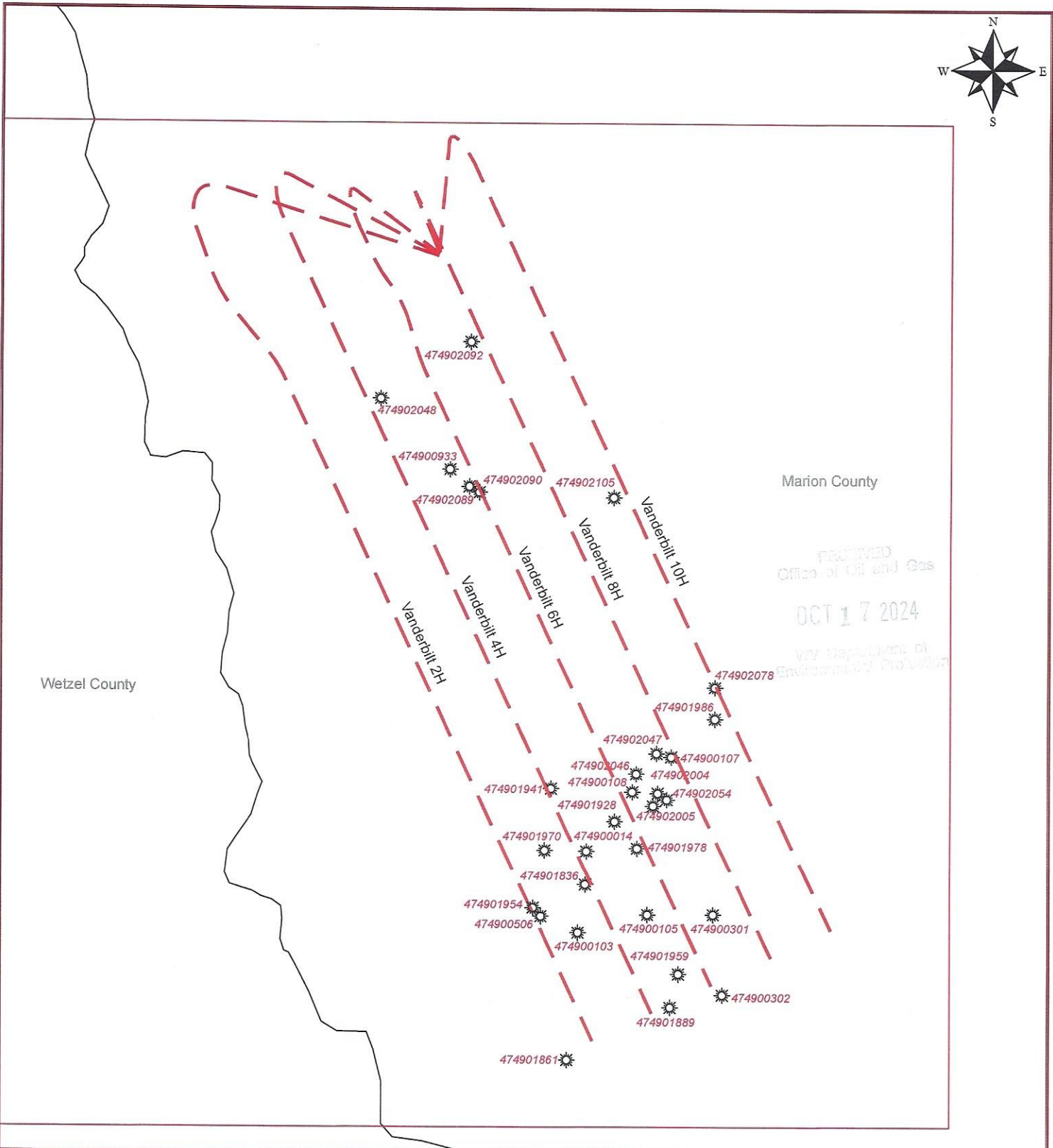
EQT will recommend to these operators at a minimum to:

1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
3. Inspect or install master valves or other necessary equipment for wellhead integrity capable of a pressure recommended by EQT
4. Notify the OOG and EQT if any changes in water, gas production, pressure, or other anomalies are identified

2. Reporting

EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

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EQT Corporation
625 Liberty Avenue
Pittsburgh, PA 15222

Legend

Well Lateral_FM

Formation

- Geneseo
- Marcellus
- Utica
- Vanderbilt_Offset_Wells

2000 1000 0 2000



Scale: 1 Inch = 2000 Feet

Disclaimer:
This map is confidential and is to be used only for the express informational purposes for which it was created. Unauthorized use, copying, or dissemination is strictly prohibited. EQT does not warrant the accuracy of the location of any items shown on this map, including, but not limited to, any structures, well or pipeline facilities, property boundaries, topography, roadways, or waterways. The items shown on the map may not have been placed on the map using survey lines or GPS coordinates. The specific location of any of the map items should be determined by a field survey performed by a licensed surveyor upon consultation with EQT.

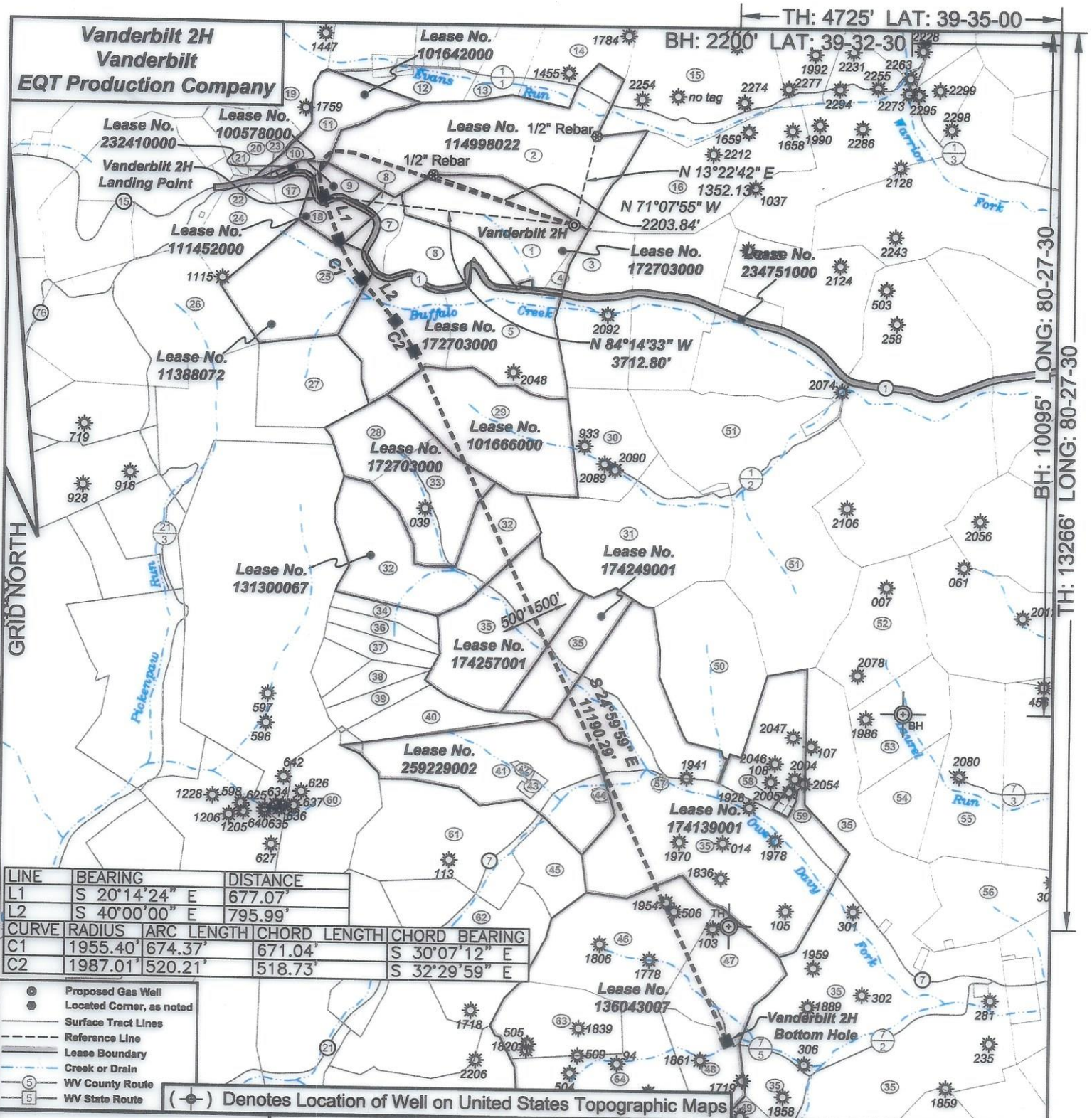
1 Inch = 116,000 Feet



Vanderbilt

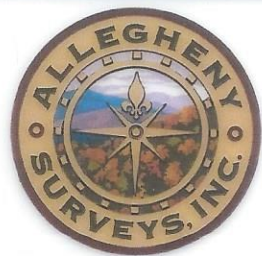
Vertical Offsets and Foreign Laterals within 500 Feet

11/01/2024



- ⊙ Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- - - Reference Line
- Lease Boundary
- Creek or Drain
- Ⓢ WV County Route
- Ⓟ WV State Route

(⊙) Denotes Location of Well on United States Topographic Maps



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.

Ben R. Singleton
P.S. 2092



FILE NO: 93-21
 DRAWING NO: Vanderbilt 2H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: October 15 20 24
 OPERATOR'S WELL NO.: Vanderbilt 2H
 API WELL NO
 47 - 049 - 02534
 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: 60
 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'

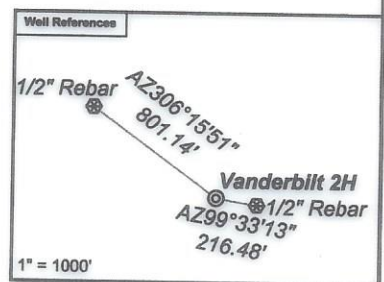
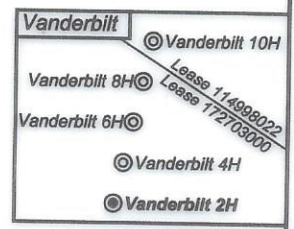
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280
 Canonsburg, PA 15317 Bridgeport, WV 26330

11/01/2024

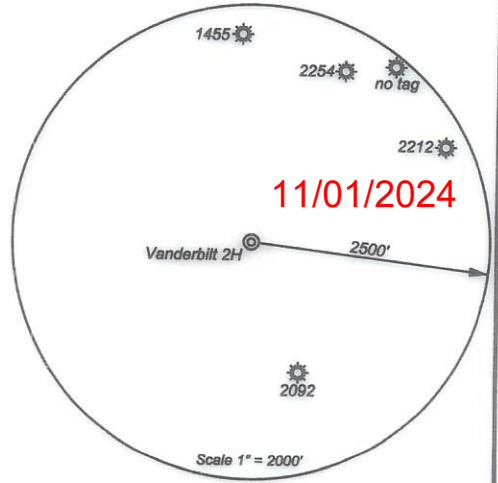
**Vanderbilt 2H
Vanderbilt
EQT Production Company**

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
17	45	14.3	Marion	Mannington	Kathleen S. Trudeau & Wendy E. Marolf	6.07
18	45	14	Marion	Mannington	Franklin W. & Emily M. Powell	11.58
19	45	28	Marion	Mannington	Delbert C. Teagarden, Jr.	40.8
20	45	30	Marion	Mannington	Keith A. Powell	21.5
21	45	31	Marion	Mannington	Keith A. Powell	Lot 2
22	45	14.7	Marion	Mannington	Keith A. Powell	Lot 8
23	45	14.6	Marion	Mannington	Keith A. Powell	0.71
24	45	1	Marion	Mannington	Nancy S. Wyckoff, et al.	26.75
25	45	2	Marion	Mannington	Allen L. & Donna J. Hillberry	102.59
26	20	18	Wetzel	Grant	Equitrans LP	107.93
27	45	3	Marion	Mannington	Allen L. & Donna J. Hillberry	42.5
28	46	10.1	Marion	Mannington	Johnny P. Myers	28.43
29	46	5.2	Marion	Mannington	Marion County Coal Resources Inc.	74
30	46	6.1	Marion	Mannington	Patricia A. Cotherman	40
31	46	6	Marion	Mannington	Patricia A. Cotherman	100
32	46	11	Marion	Mannington	Brett Martin	59.55
33	46	10	Marion	Mannington	John Myers	44.07
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	Prof 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	85.87
42	46	1.1	Marion	Mannington	Wayne D. Willie II	1.1
43	46	1.3	Marion	Mannington	Megan M. Haught & Joshua C. Peek	2
44	46	1.2	Marion	Mannington	Caren L. Willie	1.2
45	47	11	Marion	Mannington	David L. & Doretta 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. Marcozzi	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	56.5
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. Peek	0.75
58	46	2.2	Marion	Mannington	Marion County Commission	1.19
59	46	2.4	Marion	Mannington	Marion County Commission	0.81
60	25	40	Wetzel	Grant	Walter B. & Rosta Lee Smith	57.5
61	47	12	Marion	Mannington	George B. & Cynthia L. Kovach	75.58
62	47	5	Marion	Mannington	Amber M. Nichols	73.75
63	47	4	Marion	Mannington	Debra A. Marcozzi	43
64	47	3	Marion	Mannington	Debra A. Marcozzi	91

Notes:
 Vanderbilt 2H coordinates are
 NAD 27 N: 382,800.56 E: 1,725,033.80
 NAD 27 Lat: 39.546915 Long: -80.475088
 NAD 83 UTM N: 4,377,612.12 E: 545,117.46
 Vanderbilt 2H Landing Point coordinates are
 NAD 27 N: 383,173.02 E: 1,721,339.73
 NAD 27 Lat: 39.547826 Long: -80.488201
 NAD 83 UTM N: 4,377,706.82 E: 543,990.13
 Vanderbilt 2H Bottom Hole coordinates are
 NAD 27 N: 379,768.20 E: 1,727,430.22
 NAD 27 Lat: 39.513952 Long: -80.466131
 NAD 83 UTM N: 4,373,958.47 E: 545,908.58
 West Virginia Coordinate system of 1927 (North Zone)
 based upon Differential GPS Measurements.
 Plat 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
101642000	Waco Oil & Gas Company, Inc., et al.	94
232410000	EQT Production Company	3
100578000	Patricia F. Powell	8.59
234751000	West Virginia Department of Transportation, Division of Highways	46.86
111452000	EQT Production Company	11.58
113880072	Bounty Minerals, LLC, et al.	161
172703000	EQT Production Company, et al.	126
101686000	XTO Energy Inc.	74
172703000	EQT Production Company, et al.	75
131300067	Country Roads Minerals, LLC, et al.	63.5
174257001	Country Roads Minerals, LLC, et al.	77
174249001	Country Roads Minerals, LLC, et al.	34
174139001	Country Roads Minerals, LLC, et al.	203
259229002	Country Roads Minerals, LLC, et al.	85.25
136043007	Lee and Hall Royalties, et al.	274



**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attached				

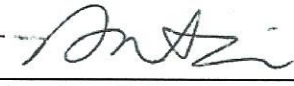
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**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: EQT Production Company
 By: Branden Weimer 
 Its: Regional Manager - Subsurface Permitting

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
✓ <u>172703000</u>	<u>EQT Production Company, et al.</u> Ascent Resources Marcellus Minerals, LLC	60 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1204/61
✓ <u>114998022</u>	<u>Bounty Minerals, LLC, et al.</u> Bounty Minerals, LLC Antero Resources Corporation	125.73 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1223/161 AB 56/332
✓ <u>101642000</u>	<u>Waco Oil & Gas Company, Inc., et al.</u> Waco Oil & Gas Company, Inc.	94 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1177/435
✓ <u>232410000</u>	<u>EQT Production Company</u> Thomas A. Hixenbaugh and Karen J. Hixenbaugh	3 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1336/718
✓ <u>100578000</u>	<u>Patricia F. Powell</u> Patricia Ellen Powell, a/k/a Patricia F. Powell, widow	8.59 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1168/146
✓ <u>234751000</u>	<u>West Virginia Department of Transportation, Division of Highways</u> West Virginia Department of Transportation, Division of Highways	46.86 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1336/524
✓ <u>111452000</u>	<u>EQT Production Company</u> Legacy Minerals, LLC	11.58 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	Statement of Merger dated December 27, 2017

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✓ <u>113880072</u>	<u>Bounty Minerals, LLC, et al.</u> Bounty Minerals, LLC	161 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1355/529
✓ <u>172703000</u>	<u>EQT Production Company, et al.</u> Ascent Resources Marcellus Minerals, LLC	126 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1204/61
✓ <u>101666000</u>	<u>XTO Energy Inc.</u> XTO Energy Inc.	74 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1172/179
✓ <u>172703000</u>	<u>EQT Production Company, et al.</u> Ascent Resources Marcellus Minerals, LLC	75 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1204/61
✓ <u>131300067</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC	63.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1348/233
✓ <u>174257001</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC	77 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1290/485
✓ <u>174249001</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC	34 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1291/667
✓ <u>174139001</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC	203 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1291/676
✓ <u>259229002</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC Antero Resources Corporation	85.25 ac	Antero Resources Corporation EQT Production Copany	"at least 1/8th per WV Code 22-6-8"	DB 1320/9 AB 65/756

WV Department of
 Environmental Protection
 OCT 17 2024
 OFFICE OF OIL AND GAS

✓ 136043007

Lee and Hall Royalties, et al.

Lee and Hall Royalties

274 ac

EQT Production Company

"at least 1/8th per
WV Code 22-6-8"

DB 1310/1083

RECEIVED
Office of Oil and Gas
OCT 17 2024
WV Department of
Environment, Planning and
Economic Action



EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

October 16, 2024

Via FedEx Overnight Delivery

West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304

RECEIVED
Office of Oil and Gas

OCT 17 2024

WV Department of
Environmental Protection

RE: Well Work Permit Application Modification – EXPEDITED REVIEW REQUESTED
Vanderbilt 2H
Permit Number 47-049-02534
Mannington District, Marion County, WV

WVDEP Recipient,

Attached please find the Well Work Permit Application for the well referenced above. You will find the following included with this submittal:

- Check in the amount \$7,500.00 for the expedited permit modification fee
- Completed WW-6B and supporting documents, approved by the O&G Inspector
- Well Location Plat
- Completed Form WW-6A₁ and supporting documentation
- Hydraulic Fracturing Monitoring Plan
- Offset Well Map and Table
- CD including the Water Management Plan Modification Application

EQT is proposing to extend the lateral from the previously permitted length.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our Permitting department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Best Regards,

Branden Weimer
Regional Manager – Permitting
Branden.Weimer@eqt.com
412-997-7940

11/01/2024