



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

Friday, November 7, 2025
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
2200 ENERGY DRIVE

CANONSBURG , PA 15317

Re: Permit Modification Approval for Energy Cynic 4H
47-103-03749-00-00

Extended Lateral

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.

H. Jason Harmon
Acting Chief

Operator's Well Number: Energy Cynic 6H
Farm Name: Ruth Koontz (LE) & Michael Koontz (Remainderman)
U.S. WELL NUMBER: 47-103-03749-00-00
Horizontal 6A New Drill
Date Modification Issued: 11/7/2025

Promoting a healthy environment.

11/07/2025

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

1) Well Operator: EQT Production Company306686WetzelClayLittleton
Operator IDCountyDistrictQuadrangle

2) Operator's Well Number: 4HWell Pad Name: Energy Cynic

3) Farm Name/Surface Owner: Ruth Koontz & Michael KoontzLife EstateRemaindermanPublic Road Access: CR 9/2 (Robinson Ridge Road

4) Elevation, current ground: 1,368' (built)Elevation, proposed post-construction: 1,368' (built)

5) Well Type(a) GasXOilUnderground StorageOther(b)If GasShallowXDeepHorizontalX

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):Marcellus, 7,576', 50', 2,620 psi

8) Proposed Total Vertical Depth: 7,576'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 8,780'

11) Proposed Horizontal Leg Length: 0'

12) Approximate Fresh Water Strata Depths: No Freshwater Zones listed

13) Method to Determine Fresh Water Depths: Offset wells - 103-02265, 103-01822, 103-31026, 103-00344

14) Approximate Saltwater Depths: 2001, 2121

15) Approximate Coal Seam Depths: 879'-883', 1,097'-1,101', 1,205'-1,211'

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?YesNoX

(a) If Yes, provide Mine Info: Name:Depth:Seam:Owner:

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Stephen Mccoy

Page 1 of 3
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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 GR 3 Bare | 85.6 | 53 | 53 | 45 ft^3 / CTS |
| Fresh Water | 13 3/8 | New | J-55 | 54.5 | 1261 | 1261 | 1125 ft^3 / CTS |
| Coal | | | | | | | |
| Intermediate | 9 5/8 | New | J-55 | 36 | 2689 | 2689 | 1025 ft^3 / CTS |
| Production | 5 1/2 | New | P-110 | 20 | 8780 | 8780 | 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 | 5 1/2 | 8 3/4 - 8 1/2 | 0.361 | 14360 | 11488 | Class A/H/L | 1.04 - 2.10 |
| Tubing | | | | | | | |
| Liners | | | | | | | |

PACKERS

| | | | | |
|-------------|--|--|--|--|
| Kind: | | | | |
| Sizes: | | | | |
| Depths Set: | | | | |

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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): 27.73 acres

22) Area to be disturbed for well pad only, less access road (acres): 15.44 acres

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:

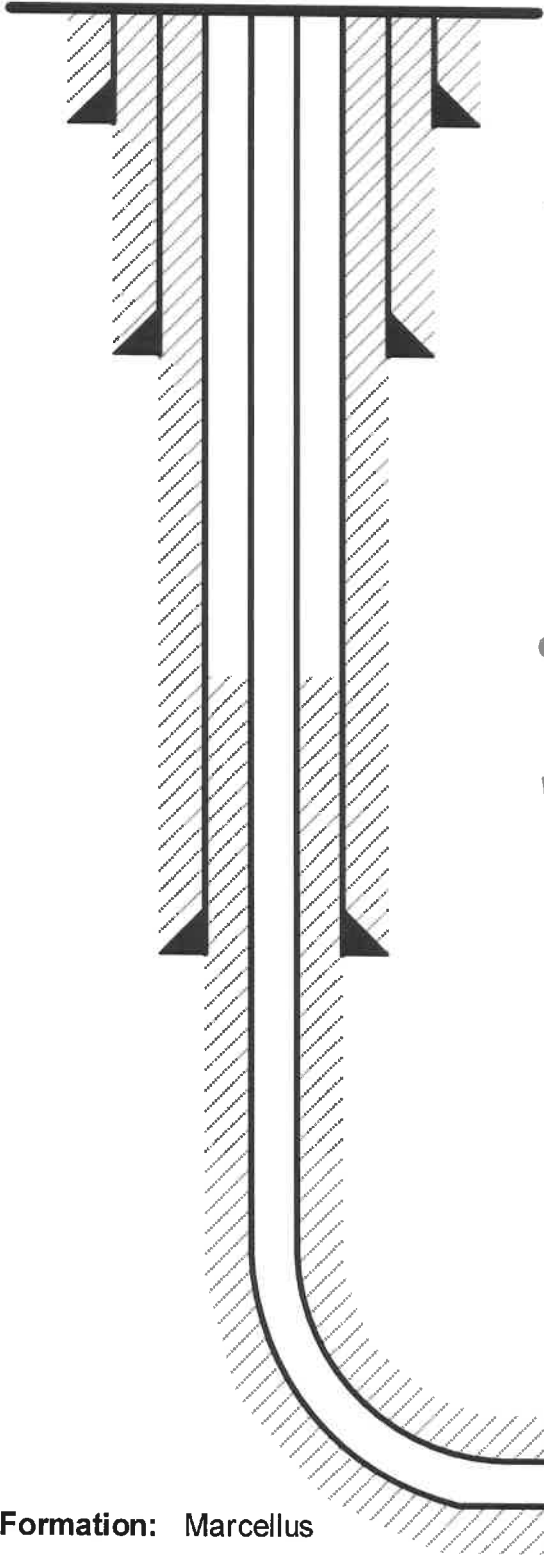
Conductor: No additives
Surface: Calcium Chloride. Used to speed the setting of cement slurries
Intermediate: Calcium Chloride. Used to speed the setting of cement slurries.
Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, Anti-Settling/Suspension 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.

| EQT Production | | Wellbore Diagram | |
|----------------|-------------------|------------------|---------------|
| Well: | Energy Cynic 4H | County: | Wetzel |
| Pad: | Energy Cynic | State: | West Virginia |
| Elevation: | 1368' GL 1381' KB | | |



Conductor @ 53'
26", 85.6#, A252, cement to surface w/ Class A/L

Surface @ 1,261'
13-3/8", 54.5#, J-55, cement to surface w/ Class A/L

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Intermediate @ 2,689'
9-5/8", 36#, J-55, cement to surface w/ Class A/H/L

Production @ 8,780' MD / 7,576' TVD
5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

Formation: Marcellus

Stephen
Mccoy
Digitally signed by
Stephen Mccoy
Date: 2025.10.17
09:13:40 -04'00'

NOT TO SCALE

11/07/2025

WEST VIRGINIA GEOLOGICAL PROGNOSIS

Energy Cynic

Drilling Objectives:

County:

Quad:

Elevation:

Recommended Azimuth

Marcellus

Wetzel

Littleton

1381 KB

156 Degrees

S-001221

1368 GL

ESTIMATED FORMATION TOPS

| Formation | Top (TVD) | Base (TVD) | Lithology | Comments |
|------------------|-----------|------------|------------------------|---------------------------------------|
| Fresh Water Zone | 1 | 278 | | FW Show from Permit App of 4710302265 |
| Waynesburg | 879 | 883 | Coal | Not Mined |
| Sewickley | 1097 | 1101 | Coal | Not Mined |
| Pittsburgh | 1205 | 1211 | Coal | Not Mined |
| Big Lime | 2361 | 2477 | Limestone | SW @ 2001,2121, |
| Big Injun | 2503 | 2639 | Sandstone | |
| Int. csg pt | 2689 | | | Not near storage |
| Weir | 2756 | 5120 | Sandstone | |
| Gantz | 3086 | 3454 | Silty Sand | |
| Bayard | 3454 | 3964 | Silty Sand | |
| Speechley | 3874 | 4040 | Silty Sand | |
| Alexander | 5915 | 6373 | Silty Sand | |
| Elks | 6373 | 7107 | Gray Shales and Silts | |
| Sonyea | 7107 | 7280 | Gray shale | |
| Middlesex | 7280 | 7320 | Shale | |
| Genesee | 7320 | 7399 | Gray shale interbedded | |
| Geneseo | 7399 | 7423 | Black Shale | |
| Tully | 7423 | 7446 | Limestone | |
| Hamilton | 7446 | 7552 | Gray shale with some | |
| Marcellus | 7552 | 7601 | Black Shale | |
| Purcell | 7569 | 7571 | Limestone | |
| -Lateral Zone | 7576 | | | MRC Target |
| Cherry Valley | 7583 | 7585 | Limestone | |
| Onondaga | 7601 | | Limestone | |

Top RR Base RR
No Red Rock Listed in C

Base of
Red Rock

| | |
|-------------------------------|----------|
| Target Thickness | 50 feet |
| Max Anticipated Rock Pressure | 2620 PSI |

Comments:
All measurements taken from estimated KB elevation.

Intermediate casing point is recommended beneath the Big Injun to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.

RECOMMENDED CASING POINTS

| | CSG OD | 13 3/8 | Casing Depth KB | Casing Depth GLE | |
|------------------|--------|--------|-----------------|------------------|---------------------------|
| Fresh Water/Coal | CSG OD | 9 5/8 | 1261 | 1248 | 50' below Pittsburgh Coal |
| Intermediate 1: | CSG OD | 5 1/2 | 2689 | 2676 | 50' below Big Injun Base |
| Production: | CSG OD | | @ TD | @ TD | @ TD |

EQT Production
Hydraulic Fracturing Monitoring Plan
Pad ID: Energy Cynic
County: Wetzel

October 16, 2025

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Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Wetzel County, WV prior to hydraulic fracturing at the following EQT wells on the Energy Cynic pad: 2H, 4H, 6H, 8H, 10H, 12H, 14H & 16H.

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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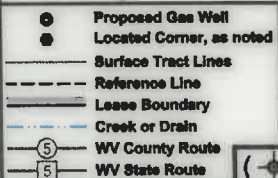
Energy Cynic 4H

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| | | | |
|--|---|--|--|
|  <div>EQT Corporation 625 Liberty Avenue Pittsburgh, PA 15222</div> | Legend | <div>1000 500 0 1000</div>  <p>Scale: 1 Inch = 1000 Feet</p> <p><small>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.</small></p> | <div>1 Inch = 116,000 Feet</div>  |
| | <div><div>Hines</div><div>Vertical Offsets and Foreign Laterals within 500 Feet</div></div> <div><div>Well Lateral_FM Formation</div><div><div> Geneseo</div><div> Marcellus</div><div> Utica</div><div> Hines_Offset_Wells</div></div></div> | | |

11/07/2025

GRID NORTH



P.S. 2092

A circular professional seal for Ben R. Singleton, a Licensed Professional Surveyor in the State of West Virginia. The seal features the name "Ben R. Singleton" at the top, "LICENSED" in the center, "NO. 2092" below it, "STATE OF" below that, and "WEST VIRGINIA" at the bottom. The words "PROFESSIONAL SURVEYOR" are written along the bottom inner edge of the seal.

SEAL

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

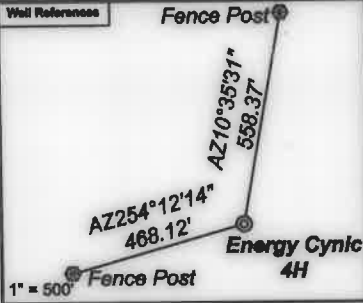
DATE: October 16 2025
 OPERATOR'S WELL NO.: Energy Cynic 4H
 API WELL NO
47 - 103 -
 STATE COUNTY PERMIT

11/07/2025

| | |
|--|---|
| WELL OPERATOR: <u>EQT Production Company</u> | DESIGNATED AGENT: <u>Joseph C. Mallow</u> |
| ADDRESS: <u>2200 Energy Drive</u> | ADDRESS: <u>427 Midstate Drive</u> |
| <u>Canonsburg, PA 15317</u> | <u>Clarksburg, WV 26301</u> |

Energy Cynic 4H
Energy Cynic
EQT Production Company

| Tract I.D. | Tax Map No. | Parcel No. | County | District | Surface Tract Owner | Acres |
|------------|-------------|------------|--------|----------|---------------------------------|--------|
| 1 | 5 | 10 | Wetzel | Clay | Michael L. Koontz Life Estate | 84 |
| 2 | 5 | 8 | Wetzel | Clay | Wayne Carmint Realty LLC | 52 |
| 3 | 1 | 32 | Wetzel | Clay | Thomas Wade, Est. | 50 |
| 4 | 1 | 34 | Wetzel | Clay | Florence Casconi | 19 |
| 5 | 2 | 24 | Wetzel | Clay | Cora Hix | 147.35 |
| 6 | 5 | 12 | Wetzel | Clay | Daniel L. Reggia | 30 |
| 7 | 5 | 11 | Wetzel | Clay | Barry J. & Elizabeth A. Frankel | 80 |
| 8 | 5 | 27.1 | Wetzel | Clay | Shaun D. Kuhn | 18 |
| 9 | 5 | 9 | Wetzel | Clay | Michael L. Koontz Life Estate | 48 |
| 10 | 5 | 28 | Wetzel | Clay | Michael L. & Allison G. Koontz | 90 |
| 11 | 5 | 7 | Wetzel | Clay | Wayne W. & Dana P. Carmint | 24.5 |
| 12 | 5 | 6 | Wetzel | Clay | Wayne Carmint Realty LLC | 7 |
| 13 | 5 | 3 | Wetzel | Clay | Liberty Holding Company | 16.39 |
| 14 | 5 | 5 | Wetzel | Clay | Katherine S. Wharton | Lot |
| 15 | 1 | 30 | Wetzel | Clay | Wayne Carmint Realty LLC | 3.67 |
| 16 | 1 | 29 | Wetzel | Clay | Wayne Carmint Realty LLC | 41.8 |
| 17 | 1 | 23 | Wetzel | Clay | S&R Investments | 107.27 |



Notes:
Energy Cynic 4H coordinates are
NAD 27 N: 438,885.73 E: 1,708,748.31
NAD 27 Lat: 39.700322 Long: -80.542241
NAD 83 UTM N: 4,394,606.13 E: 539,261.30
Energy Cynic 4H Landing Point coordinates are
NAD 27 N: 438,288.92 E: 1,704,269.22
NAD 27 Lat: 39.698607 Long: -80.551019
NAD 83 UTM N: 4,394,411.99 E: 538,509.64
West Virginia Coordinate system of 1983 (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.

Energy Cynic

Energy Cynic 16H ©
Energy Cynic 14H ©
Energy Cynic 12H ©
Energy Cynic 10H ©
Energy Cynic 8H ©
Energy Cynic 6H ©
Energy Cynic 4H ©
Energy Cynic 2H ©

| Lease No. | Owner | Acres |
|-----------|---|---------|
| 121109001 | Stone Hill Minerals Holdings, LLC, et al. | 339 |
| 240631000 | Delores A. Homer | 52.25 |
| 287538000 | West Virginia Division of Natural Resources | 38.1877 |
| 140034001 | William Roger Phillips, et al. | 10.67 |
| 119874002 | J and D Land Group Ltd., et al. | 24.5 |



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 - Permitting

WW-6A1 attachment

Operator's Well No.

Energy Cynic 4H

| Lease No. | Grantor, Lessor, etc. | Acres | Grantee, Lessee, etc. | Royalty | Book/Page |
|------------------|--|------------|--|--|---|
| <u>121109001</u> | <u>Stone Hill Minerals Holdings, LLC, et al.</u> Stone Hill Minerals Holdings, LLC | 339 ac | EQT Production Company | "at least 1/8th per WV Code 22-6-8" | OG 185A/486 |
| <u>240631000</u> | <u>Delorse A. Horner</u> Delorse A. Horner, a widow TH Exploration, LLC TH Exploration, LLC | 52.25 ac | TH Exploration, LLC. EQT TGHIL Exploration, LLC EQT TGHIL Exploration, LLC | "at least 1/8th per WV Code 22-6-8" | OG 285A/67 MB 153/704 MB 154/899 |
| <u>287538000</u> | <u>West Virginia Division of Natural Resources</u> West Virginia Division of Natural Resources | 38.1877 ac | EQT Production Company | "at least 1/8th per WV Code 22-6-8" | OG 424A/155 |
| <u>140034001</u> | <u>William Roger Phillips, et al</u> Priscilla Faith Phillips TH Exploration, LLC TH Exploration, LLC | 10.67 ac | TH Exploration, LLC EQT TGHIL Exploration, LLC EQT TGHIL Exploration, LLC | "at least 1/8th per WV Code 22-6-8" | OG 211A/886 MB 153/704 MB 154/899 |
| <u>119874002</u> | <u>J and D Land Group Ltd., et al.</u> J and D Land Group Ltd. Antero Resources Corporation | 24.5 ac | Antero Resources Corporation EQT Production Company | "at least 1/8th per WV Code 22-6-8" | OG 171A/114 OG 231A/59 |

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Energy Cynic 4H
EQT Production Company
"Detail of Lease No. 175061000"

Lease No.
175061000

Lease No.
240631000

Lease No.
121109001

26.69'
Proposed Well Bore



Scale: 1 Inch = 30 Feet



Birch River Office
Phone: (304) 649-8606
Fax: (304) 649-8608

237 Birch River Road
Birch River, WV 26610
www.alleghenysurveys.com

PARTY CHIEF: NA

RESEARCH: NA

SURVEYED: NA

FIELD CREW: NA

DRAWING NO: 4H Addendum
Lease 175061000.dwg

PROJECT NO: 59-44-W-22

PREPARED: October 13, 2025

DRAWN BY: Tim Rutledge

Sheet 1 of 1

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WW-6A1 attachment

Operator's Well No.

Energy Cynic 4H

| Lease No. | Grantor, Lessor, etc. | Acres | Grantee, Lessee, etc. | Royalty | Book/Page |
|------------------|--------------------------------------|---------------|--------------------------------------|--|-------------------|
| | <u>OXY USA Inc., et al.</u> | | | "at least 1/8th per WV Code 22-6-8" | |
| | | 70.00 ac of | | | |
| <u>175061000</u> | BRC Appalachian Minerals I LLC | 31,151.581 ac | BRC Working Interest Company LLC | | OG 102A/505 |
| | BRC Appalachian Minerals I, LLC | | | | |
| | BRC Minerals LP | | BRC Working Interest Company, LLC | | OG 103A/320 |
| | BRC Working Interest Company, LLC | | Chesapeake Appalachia, L.L.C. | | OG 103A/470 |
| | Chesapeake Appalachia, L.L.C. | | Statoil USA Onshore Properties, Inc. | | OG 120A/109 |
| | Chesapeake Appalachia, L.L.C. | | SWN Production Company, LLC | | OG 157A/540 |
| | Statoil USA Onshore Properties, Inc. | | SWN Exchange Titleholder, LLC | | OG 158A/801 |
| | SWN Exchange Titleholder, LLC | | SWN Production Company, LLC | | Corp. Book 13/296 |
| | SWN Production Company, LLC | | Antero Exchange Properties, LLC | | OG 177A/533 |
| | Statoil USA Onshore Properties, Inc. | | Antero Exchange Properties, LLC | | OG 177A/738 |
| | Antero Exchange Properties, LLC | | Antero Resources Corporation | | Corp. Book 13/311 |
| | Antero Resources Corporation | | EQT Production Company | | OG 269A/533 |

Amended and Restated Memorandum of Paid Up Oil and Gas Lease

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EQT PRODUCTION COMPANY
2200 Energy Drive | Canonsburg, PA 15317

October 17, 2025

Via FedEx Overnight Delivery

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

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Office Of Oil and Gas

OCT 21 2025

WV Department of
Environmental Protection

RE: Horizontal Well Work Permit Application Modification – EXPEDITED REVIEW REQUESTED
Energy Cynic 4H
Permit Number 47-103-03749
Clay District, Wetzel 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 well permit application 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 showing no wells within 500'.

#601837
9/5/25
\$7,500.00/100

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

EQT 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,

Olivia Wilson
Project Specialist – Permitting
OPishioneri@eqt.com
724-250-0180

11/07/2025