



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

Wednesday, November 29, 2023
WELL WORK PERMIT
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODLIFF DR.

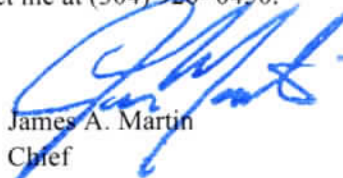
CANONSBURG, PA 15317

Re: Permit approval for Elmer N-13HU
47-103-03624-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless 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: Elmer N-13HU
Farm Name: Sandra Murriner ET AL; L/E R₂
U.S. WELL NUMBER: 47-103-03624-00-00
Horizontal 6A New Drill
Date Issued: 11/29/2023

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
7. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

01/26/2024



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-414-1239

Randall M. Albert, Chairman
dep.wv.gov

November 28, 2023

Department of Environmental Protection
Office of Oil and Gas
Charleston, WV 25304

RE: Application for Deep Well Permit – API #47-103-03624

COMPANY: EQT Production Company

FARM: Sandra Murriner et al L/E Randy Tuttle Elmer N-13HU

COUNTY: Wetzel DISTRICT: Proctor QUAD: New Martinsville

The deep well review of the application for the above company is **Approved to drill to Point Pleasant for completion. Pooling Docket 333 Cause 352**

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1. Comments to Notice of Deviation filed? No.
2. Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners? Yes
3. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells: **yes
4. Provided a plat showing that the productive interval of the well meets the requirements of the Rules of the Commission W. Va. C.S.R. § 39-1-4.2.

Sincerely,


Susan Rose
Administrator

**Elmer N-17HU 47-103-03505; Elmer N-15HU 47-103-03536; Elmer N-16HU 47-103-03504; Elmer N-14HU 47-103-03502; Burch Ridge S-6HU 47-051-02193; Burch Ridge S-7HU 47-051-02194; McMasters S-16HU 47-051-02337; McMasters S-17HU 47-051-02338; McMasters S-18HU 47-051-02339; McMasters S-19HU 47-051-02340; Hillrock S-12HU 47-051-02272; Hillrock S-13HU 47-051-02273; Simms U-5H 47-051-0731; Jeffersons N-7HU 47-103-03509; Jeffersons N-8HU 47-103-03510; Jeffersons N-9HU 47-103-03511; Jeffersons N-10HU 47-103-03512; Elijah N-15HU 47-103-03593; Elijah N-16HU 47-103-03594

01/26/2024



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
dep.wv.gov

**ORDER
ISSUED UNDER
WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 6A**

TO: Tug Hill Operating, LLC
380 Southpointe Boulevard, Plaza II., Suite 200
Canonsburg, PA 15317

DATE: February 11, 2022
ORDER NO.: 2022-W-2

INTRODUCTION

This Order (hereinafter "Order") is issued by the Office of Oil and Gas (hereinafter "OOG"), by and through its Chief, pursuant to the authority of W. Va. Code §§ 22-1-1, 22-6-1 and 22-6A-1 *et seq.* to Tug Hill Operating, LLC (hereinafter "Tug Hill" or "Operator"), collectively the "Parties."

FINDINGS OF THE CHIEF

In support of this Order, the Chief hereby finds the following:

1. OOG, an office within the West Virginia Department of Environmental Protection, is the agency with the duty and authority to execute and enforce W. Va. Code §22-6-1 and §22-6A-1 *et seq.*, and the rules and regulations promulgated thereunder.
2. Tug Hill is a "person" as defined by W. Va. Code §22-6-1(n), with a corporate address as 380 Southpointe Boulevard, Plaza II., Suite 200, Canonsburg, PA 15317.
3. On November 2, 2021, Tug Hill submitted a well work permit application identified as API# 47-103-03467. The well is located on the Elmer Pad in the Proctor District of Wetzel County, West Virginia.
4. On November 2, 2021, Tug Hill requested a waiver for ASE Wetland 01 as outlined in Attachment 1, from well location restriction requirements in W. Va. Code §22-6A-12(b) for the well work permit application identified as API# 47-103-03467.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

CONCLUSIONS OF LAW

1. West Virginia Code §22-1-6(d) requires, in part, that “in addition to other powers, duties and responsibilities granted and assigned to the secretary by this chapter, the secretary is authorized and empowered to... (3) Enter private lands to make surveys and inspections for environmental protection purposes; to investigate for violations of statutes or rules which the Office of Oil and Gas is charged with enforcing; to serve and execute warrants and processes; to make arrests; issue orders, which for the purposes of this chapter include consent agreements; and to otherwise enforce the statutes or rules which the Office of Oil and Gas is charged with enforcing.”
2. West Virginia Code §22-6A-2(a)(6) requires, in part, that “Concomitant with the broad powers to condition the issuance of well work permits, the secretary should also have broad authority to waive certain minimum requirements of this article when, in his or her discretion, such waiver is appropriate: *Provided*, That the secretary shall submit a written report of the number of waivers granted to the Legislature commencing January 1, 2013, and each year thereafter.”
3. West Virginia Code §22-6A-12(b) requires, in part, that “no well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the Office of Oil and Gas shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The Office of Oil and Gas may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary.”

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

ORDER

West Virginia Code §22-6A-12(b) requires, in part, that "no well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland. The Office of Oil and Gas grants the request for a waiver for ASE Wetland 01 from well location restriction requirements in W. Va. Code §22-6A-12(b) for the well work permit application identified as API# 47-103-03467. The Office of Oil and Gas hereby **ORDERS** that Tug Hill shall meet the following site construction and operational requirements for the Elmer Well Pad:

- a. A berm shall be constructed around the perimeter of the pad to contain any potential spills and storm water runoff. The berm is to be at least twenty-four inches (24") in height;
- b. Erosion control blankets shall be installed on all slopes and down gradient locations of the pad as erosion and sediment controlling BMPs;
- c. ASE Wetland 01 shall be protected by a layer of both Super Silt Fence and twenty four inch (24") compost filter sock. This along with temporary and permanent vegetative cover will prevent sediment from reaching the wetland;
- d. Disturbed areas not used for operations shall be seeded and mulched per the seeding tables in the WVDEP-OOG Erosion and Sediment Control Manual;
- e. Drill cuttings and associated drilling mud shall be disposed of in a permitted landfill;
- f. Waste generated by the flowback treatment systems shall be sent to offsite disposal at a permitted landfill;
- g. Weekly site inspections shall be conducted to monitor and maintain the integrity of the BMP storm water controls;
- h. Weekly storm water and spill prevention inspections shall be conducted focusing on storm water and spill prevention BMPs and maintenance of these BMPs;
- i. Inspections of the storm water and spill prevention measures shall be conducted after any major storm event defined as a half inch (1/2") rain within any twenty-four (24) hour period;
- j. Pad inspections shall be conducted no less than once a week to identify and mitigate potential deficiencies;
- k. All records from inspections shall be maintained on site for the life of the project and be available upon request.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

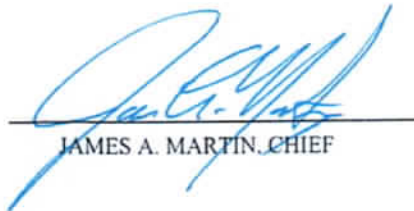
4710303624

Thus ORDERED, the 11th day of February, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

By:



JAMES A. MARTIN, CHIEF

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

Order No. 2022-W-2
Page 4

01/26/2024

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

1) Well Operator: EQT Production Company 306686 Wetzel Proctor Wileyville
Operator ID County District Quadrangle

2) Operator's Well Number: N-13HU Well Pad Name: Elmer

3) Farm Name/Surface Owner: Sandra Murriner et. al and Life Estate of Randy Tuttle Public Road Access: Proctor Creek Rd - CR 89

4) Elevation, current ground: 1,276.5' (built) Elevation, proposed post-construction: 1276.5' (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):
Point Pleasant, 11,684', 83', 9,493 psi

8) Proposed Total Vertical Depth: 11,684'

9) Formation at Total Vertical Depth: Point Pleasant

10) Proposed Total Measured Depth: 29,048'

11) Proposed Horizontal Leg Length: 16,234.60'

12) Approximate Fresh Water Strata Depths: 1,036'

13) Method to Determine Fresh Water Depths: Base of the Pittsburgh coal, per WVGES mapping contours

14) Approximate Saltwater Depths: 1,672'

15) Approximate Coal Seam Depths: 596'-598', 939'-942', 1,032'-1,036'

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: _____

Depth: _____

Seam: _____

Owner: _____

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	30	New	A-500	118.76	120	120	250 ft ³ / CTS
Fresh Water	18-5/8	New	J-55	87.5	1260	1260	2250 ft ³ / CTS
Coal	13-3/8	New	J-55	54.5, 61	2702	2702 (2102'-54.5#, 600'-61#)	2150 ft ³ / CTS
Intermediate	9-5/8	New	P-110	47	11250	11250	4200 ft ³ / CTS
Production	5-1/2	New	P-110	23	29048	29048	5000' from surface
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	30	36	0.375	918	735	Class A/L	1.04 - 1.20
Fresh Water	18-5/8	24	0.435	2250	1800	Class A/L	1.04 - 1.20
Coal	13-3/8	17-1/2	0.380, 0.430	2740, 3090	2192	Class A/L	1.04 - 1.20
Intermediate	9-5/8	12-1/4	0.472	9440	7552	Class A/L	1.04 - 1.20
Production	5-1/2	8-1/2	0.415	16500	13200	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

PACKERS

Kind:							
Sizes:							
Depths Set:							

RECEIVED
 Office of Oil and Gas
 OCT 20 2023

WV Department of
 Environmental Protection

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

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

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): 26.11

22) Area to be disturbed for well pad only, less access road (acres): 7.63

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.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

Page 3 of 3
01/26/2024
Digitally signed by Stephen Mccoy
Date: 2023.10.16 08:07:22 -0400



west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.gov

March 18, 2014

Nabors Completion & Production Services Company
1380 Route 286 Hwy E #121
Indiana PA 15701

Re: Cement Variance Request

Dear Sir or Madam,

This agency is approving a variance request for the cement blend listed below to be used on surface and coal protection strings for the drilling of oil and gas wells in the state of West Virginia. The variance cannot be used without requesting its use on a permit application and approval by this agency:

- Type 1 (2% Calcium Chloride-Accelerator, 0.25% Super Flake-Lost Circulation, 5.2% Water, 94% Type "1" Cement)

If you have any questions regarding this matter feel free to contact me at 304-926-0499, ext. 1653.

Sincerely,

James Peterson
Environmental Resources Specialist / Permitting

Promoting a healthy environment.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

01/26/2024



west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.gov

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

IN THE MATTER OF A VARIANCE FROM) ORDER NO. 2014 - 17
REGULATION 35 CSR § 4-11.4/11.5/14.1)
AND 35 CSR § 8-9.2.h, 4/5/6/8 OF THE)
THE OPERATIONAL)
REGULATIONS OF CEMENTING OIL)
AND GAS WELLS)

REPORT OF THE OFFICE

Nabors Completion & Production Services Co. requests approval of a different cement blend for use in cementing surface and coal protection casing of oil and gas wells.

FINDINGS OF FACT

- 1.) Nabors Completion & Production Services Co. proposes the following cement blend:
 - 2% Calcium Chloride (Accelerator)
 - 0.25 % Super Flake (Lost Circulation)
 - 94% Type "1" Cement
 - 5.20 % Water
- 2.) Laboratory testing results indicate that the blend listed in Fact No.1 will achieve a 500 psi compressive strength within 6 hours and a 2,435 psi compressive strength within 24 hours.

Promoting a healthy environment.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

CONCLUSIONS OF LAW

Pursuant to Articles 6 and 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to 35 CSR § 4-11.5 and 35 CSR § 8-9.2.h.8 the Chief of the Office of Oil and Gas may approve different cement blends upon the well operator providing satisfactory proof that different cement types are adequate.

ORDER

It is ordered that Nabors Completion & Production Services Co. may use the cement blend listed in Findings of Fact No.1 for the cementing of surface and coal protection casing of oil and gas wells in the State as may be requested by oil and gas operators. The waiting time on the cement blend shall be 8 hours. The cement blend shall be mixed in strict accordance with the specifications for each blend and weight measurements made on-site to assure the cement slurries meet the minimum weight specifications. A sample shall be collected and, if after 8 hours the cement is not set up, additional time will be required. Nabors Completion & Production Services Co. shall keep a record of cement blend jobs in which the cement blend approved under this order is to be used and made available to the Office of Oil and Gas upon request.

Dated this, the 18th day of March, 2014.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OF THE STATE OF WEST VIRGINIA



James Martin, Chief
Office of Oil and Gas

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

01/26/2024



September 28, 2023

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Class L Cement Variance Request
Elmer N-13HU Well
Proctor District, Wetzel County

Dear Mr. Brewer,

EQT Production Company (EQT) has been notified by our cement providers that they will no longer be providing Class A cement. As a result of this, EQT is requesting the option to utilize Class L cement, if necessary, in place of Class A cement for its cement jobs.

The variance request from Legislative Rule 35CSR8, Section 9.2.h.8, related to the use of Class L Cement, was approved by the Office of Oil and Gas on September 13, 2022. A copy of the variance is included with this request.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

John Zavatchan
Project Specialist - Permitting

Enc.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

01/26/2024



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 928-0450

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

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4) ORDER NO. 2022-14
SECTION 11.5 AND LEGISLATIVE RULE)
35CSR8 SECTION 9.2.h.8.,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well construction.

RECEIVED
Office of Oil and Gas
OCT 20 2023

FINDINGS OF FACT

WV Department of
Environmental Protection

1. On July 14, 2022, Northeast Natural Energy (NNE) submitted a variance request from Legislative Rule 35CSR8 Section 9.2.h.8., for the use of API Class L cement in place of API Class A cement, relating to the construction of horizontal wells.
2. Laboratory analysis submitted by NNE on July 14, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR4 Section 11.5., for the use of API Class L cement in place of API Class A cement, relating to the construction of vertical wells.

Promoting a healthy environment.

01/26/2024

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.


ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well construction subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OF THE STATE OF WEST VIRGINIA



James Martin, Chief
Office of Oil and Gas

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

01/26/2024

WEST VIRGINIA GEOLOGICAL PROGNOSIS

ELMER N-13HU

API

L-027446

Drilling Objectives:

Utica / Point Pleasant

County:

Wetzel

Quad:

0

Elevation:

1310 KB

1277 GL

Recommended Azimuth

330 Degrees

Recommended LP to TD: TBD

ESTIMATED FORMATION TOPS

Formation	Top (TVD)	Base (TVD)	Lithology	Comments	Top RR	Base RR
Fresh Water Zone	1	1021		FW from Tug Prognosis		
Washington Coal	596	598				#VALUE!
Sewickley Coal	939	942 Coal				#VALUE!
Pittsburgh Coal	1032	1036 Coal				#VALUE!
Big Lime	2375	2506 Limestone		SW @		#VALUE!
Big Injun	2506	2652 Sandstone		Potential Oil/gas zone		#VALUE!
Int. csg pt	2702					
Weir	2820	3008 Sandstone		Storage?		#VALUE!
Gordon	3210	3341 Silty Sand				#VALUE!
Alexander	5664	6256 Silty Sand				
Rhinestreet	6256	6683 Gray shale				
Middlesex	6683	6738 Shale				
Geneseo	6758	6785 Black Shale				
Tully	6785	6819 Limestone				
Hamilton	6819	6863 Gray shale with some				
Marcellus	6863	6915 Black Shale		Potential Oil/gas zone		
Onondaga	6915	7146 Gray Shale				
Oriskany	7146	7253 Sandstone				
Helderberg	7253	7617 Gray Shale		Solid block of hard lime		
Salina	7597	8444 Salt/Anhydrite/Dol/Sh		Potential H2S		
Lockport	8677	9033 Limestone/Dolomite		Potential H2S		
Rose Hill	9033	9309 Gray/GN/Red Shale		Potential Loss Zone, Historical Drilling Issues		
Packer Shell	9309	9511 Limestone interbed Sh				
Clinton	9511	9617 White Sandstone		Potential Brine/gas zone, very hard drilling		
Queenston	9617	10394 Red Shale		Very unstable shale, first 100' in the Red Queenston drills like the White Clinton		
Reedsville	10396	11518 Red/Gray Shale		Intermediate 2 string - 150' Below Reddsville		
-Red/Gray Shale Transition	10514	Red/Gray Shale				
Utica	11518	11628 Black Calcareous Shale		Gas / High Pressure Possible		
Point Pleasant	11628	11711 Black Calcareous Shale		Gas / High Pressure Possible		
-Lateral Zone	11684			Start Lateral at 11684'		
Trenton	11740	Limestone				

RECEIVED
 Office of Oil and Gas
 OCT 20 2023
 WV Department of
 Environmental Protection

Target Thickness	223 feet
Max Anticipated Rock Pressure	9493 PSI

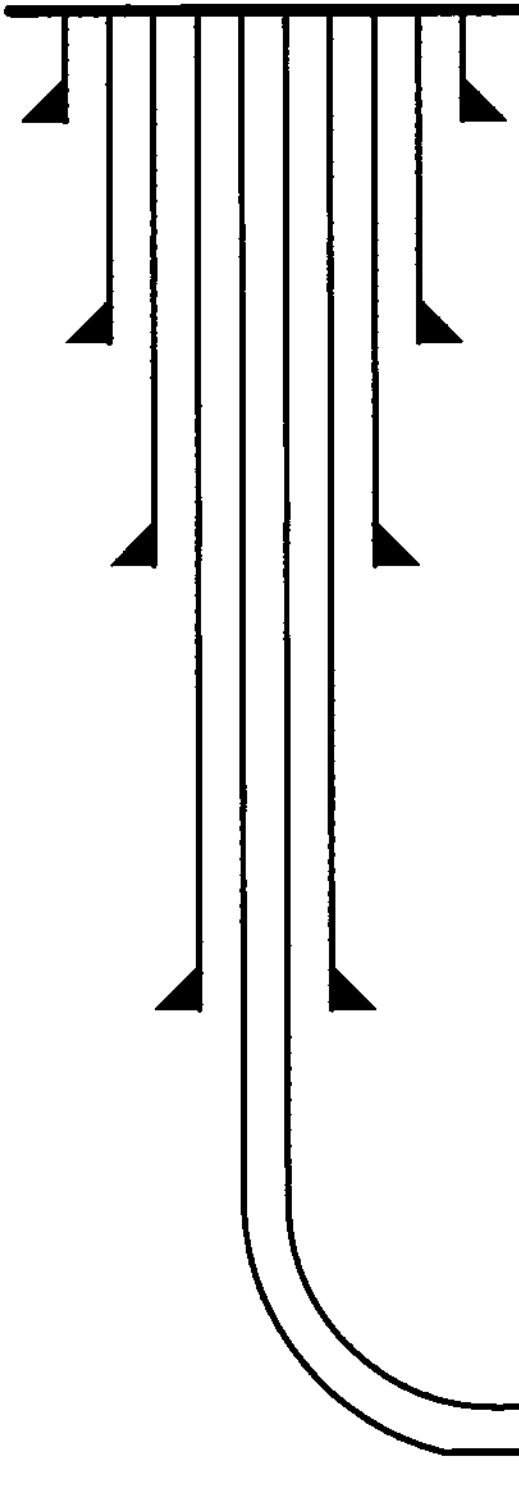
Comments:
 Intermediate casing point is recommended beneath the Big Injun to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.
 The estimated landing point TVD is 11684', rig geologist may adjust landing point. After the well is landed, drill to reported bed dips/ geologists' recommendation. The geologic structure is unknown at this time.

RECOMMENDED CASING POINTS

	CSG OD		CSG DEPTH:	Planned Depth TVD	
Surface 0	18 5/8		CSG DEPTH:	1,260'	Tug FW/Coal Casing Depth
Surface:	13 3/8		CSG DEPTH:	2,702'	50' below Big Injun Base
Intermediate:	9 5/8		CSG DEPTH:	10,546'	150' below Reedsville formation
Intermediate: Plan MD'	9 5/8		CSG DEPTH:	11,250' MD	MD depth projected from Plan and TVD depth
Production:	5 1/2		CSG DEPTH:	@ TD	

4710303624

EQT Production		Wellbore Diagram	
Well:	Elmer N-13HU	County:	Wetzel
Pad:	Elmer	State:	West Virginia
Elevation: 1277' GL 1310' KB			



Conductor @ 120'

30", 118.76#, A-500, cement to surface w/ Class A/L

Surface 0 @ 1,260'

18-5/8", 87.5#, J-55, cement to surface w/ Class A/L

Surface @ 2,702'

13-3/8", (2,102' - 54.5#), (600' - 61#), J-55, cement to surface w/ Class A/L

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

Intermediate @ 11,250' MD / 10,546' TVD

9-5/8", 47#, P-110, cement to surface w/ Class A/L

Production @ 29,048' MD / 11,684' TVD

5-1/2", 23#, P-110, cement to 5,000' from surface w/ Class A/H/L

Formation: Utica / Point Pleasant

NOT TO SCALE

01/26/2024

Stephen Mccoy Digitally signed by Stephen Mccoy
Date: 2023.10.16 08:09:41 -0400'

4710303624



EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

November 3, 2023

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Casing on Elmer N-13HU

Dear Mr. Brewer,

The 18-5/8" surface 0 casing will be set at 1,260' KB, 224' below the deepest workable coal seam and freshwater. EQT is requesting to set casing to elevation. By setting this casing the additional footage requested we would put the red rock behind casing and avoid possible significant operational delays and further well complications.

By setting casing as requested we would be able to successfully case off any freshwater zones as well as put any possible red rock issues behind casing as well. Based on offset data, the shallowest saltwater zone on this pad came in at 1,672' TVD so by setting 18-5/8" casing at 1,260' we case off all freshwater while also still setting casing 412' before the nearest saltwater depth.

It is for these reasons mentioned above that it is requested to set 18-5/8" surface to elevation. This will allow EQT to successfully drill the well in the most efficient manner possible while also ensuring a competent wellbore for drilling, casing, and cementing the intermediate section.

The 13-3/8" surface casing will be set at 2,702' KB, 50' below the base of the Big Injun formation.

The 9-5/8" intermediate string will be set at 10,546' KB (with an MD of 11,250'), 150' below the top of the Reedsville formation.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John Zavatchan'.

John Zavatchan
Project Specialist - Permitting

Enc.

01/26/2024

4710303624

EQT Production
Hydraulic Fracturing Monitoring Plan
Pad ID: Elmer
County: Wetzel

September 28, 2023

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

Page 1 of 2

01/26/2024

Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Wetzel County, WV prior to hydraulic fracturing at the following EQT well on the Elmer pad: N-13HU.

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.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

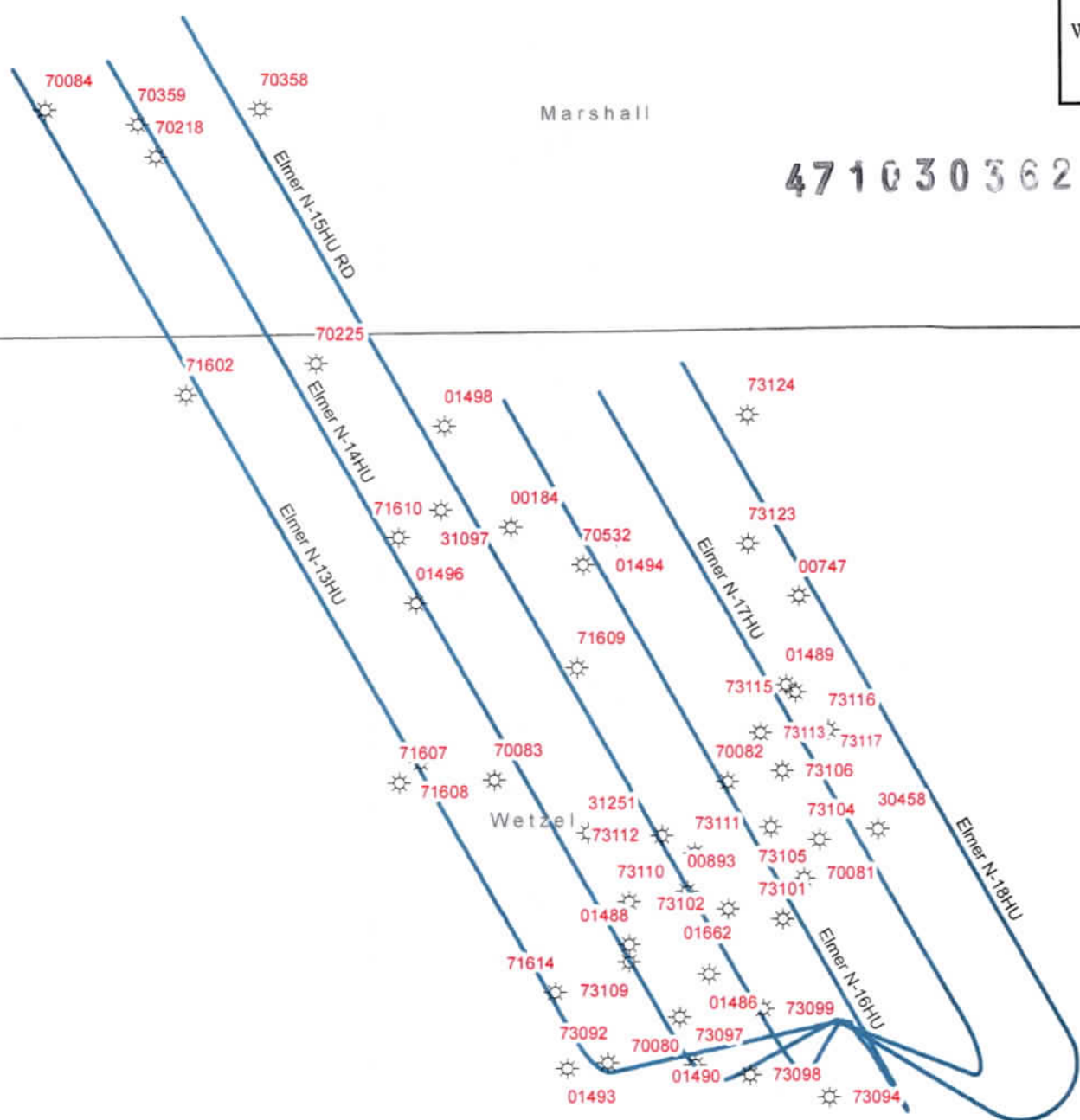
Page 2 of 2

01/26/2024



Marshall

4710303624



RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

EQT
EQT Corporation
625 Liberty Avenue
Pittsburgh, PA 15222

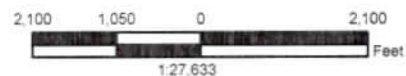
Elmer N

Vertical Offsets and
Foreign Laterals
within 500'

Created By: Kellen Walzman Printed By: McClayG on 9/13/2023

Legend

- Foreign_Offset_Wells
- Well Lateral_FM Formation
 - Geneseo
 - Marcellus
 - Utica



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.



01/26/2024

API_UWI	API_UWI	ENVOperato	ENVWellSta	ENVWellTyp	InitialOpe	Latitude	Longitude	ElevationG	ElevationE	MD_FT	TVL	FT	WellName	WellSymbol
47-103-71602	71602	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.71887300	-80.77120900	1251.0	0.0	0.0	0.0	0.0	IASON PARSONS	UNREPORTED-UNREPORTED
47-103-00899	00899	PERKINS OIL & GAS, INC	PRODUCING	GAS	PERKINS OIL & GAS	39.69916300	-80.74551400	1234.0	1244.0	0.0	0.0	0.0	GARNER, AL & HENRY	GAS-PRODUCING
47-103-73117	73117	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70391200	-80.73761100	1344.0	0.0	0.0	0.0	0.0	COFFIELD	UNREPORTED-UNREPORTED
47-103-73101	73101	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.69816700	-80.74061500	1273.0	0.0	0.0	0.0	0.0	NANCY J GARNER	UNREPORTED-UNREPORTED
47-103-70532	70532	BP	UNREPORTED	UNREPORTED	HOPE NATURAL GAS COMPANY	39.71208600	-80.75075300	1286.0	0.0	0.0	0.0	0.0	ROBERT COFFIELD	UNREPORTED-UNREPORTED
47-103-71614	71614	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.69520400	-80.75225900	1206.0	0.0	0.0	0.0	0.0	JAMES PARSONS	UNREPORTED-UNREPORTED
47-103-70225	70225	OPER IN MIN OWNER FLD NO CODE ASSGND(ORPHAN WELL PROJ)	COMPLETED	GAS	OPER IN MIN OWNER FLD NO CODE ASSGND(ORPHAN WELL PROJ)	39.72006100	-80.75446600	1324.0	0.0	0.0	0.0	0.0	2890.0	GAS-COMPLETED
47-051-70359	70359	MANUFACTURERS LIGHT & HEAT CO	UNREPORTED	UNREPORTED	MANUFACTURERS LIGHT & HEAT CO	39.72961300	-80.73364800	1239.0	0.0	0.0	0.0	0.0	JAMES MACHENRY	UNREPORTED-UNREPORTED
47-103-73116	73116	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70550900	-80.73817600	1246.0	0.0	0.0	0.0	0.0	RACHEL COFFIELD	UNREPORTED-UNREPORTED
47-103-30458	30458	SOUTH PENN OIL (S PENN NAT GAS)	COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.70164600	-80.73574800	1437.0	0.0	0.0	0.0	0.0	3194.0	OIL-COMPLETED
47-103-73097	73097	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.69230700	-80.74512700	1335.0	0.0	0.0	0.0	0.0	HENRY GARNER	UNREPORTED-UNREPORTED
47-103-70082	70082	SOUTH PENN OIL (S PENN NAT GAS)	INACTIVE-COMPLETED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.70348100	-80.74343900	1295.0	0.0	0.0	0.0	0.0	3067.0	OIL-UNREPORTED
47-103-73104	73104	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70115500	-80.73873800	1255.0	0.0	0.0	0.0	0.0	NANCY J GARNER	UNREPORTED-UNREPORTED
47-051-70358	70358	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.72019400	-80.76726800	1220.0	0.0	0.0	0.0	0.0	TIMOTHY YOHIO	UNREPORTED-UNREPORTED
47-103-73102	73102	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.69854200	-80.74348000	1244.0	0.0	0.0	0.0	0.0	NANCY J GARNER	UNREPORTED-UNREPORTED
47-103-31251	31251	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70145100	-80.75047600	1337.0	0.0	0.0	0.0	0.0	LAWRENCE P & FRANCIS LEEHIG	UNREPORTED-UNREPORTED
47-103-01494	01494	PERKINS OIL & GAS, INC	PRODUCING	GAS	PERKINS OIL & GAS	39.71321900	-80.74908900	1375.0	1285.0	0.0	0.0	0.0	COFFIELD, R & S J 549	GAS-PRODUCING
47-103-73111	73111	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.71607100	-80.74511900	1272.0	0.0	0.0	0.0	0.0	HENRY GARNER	UNREPORTED-UNREPORTED
47-103-73607	73607	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70347200	-80.76097500	1275.0	0.0	0.0	0.0	0.0	MALSHACK YOHIO	UNREPORTED-UNREPORTED
47-103-70083	70083	SOUTH PENN OIL (S PENN NAT GAS)	UNREPORTED	UNREPORTED	SOUTH PENN OIL (S PENN NAT GAS)	39.70362600	-80.75446600	1346.0	0.0	0.0	0.0	0.0	HENRY GARNER	UNREPORTED-UNREPORTED
47-103-70080	70080	SOUTH PENN OIL (S PENN NAT GAS)	UNREPORTED	UNREPORTED	SOUTH PENN OIL (S PENN NAT GAS)	39.69421100	-80.74587500	1273.0	0.0	2980.0	0.0	0.0	HENRY GARNER	UNREPORTED-UNREPORTED
47-103-73106	73106	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.71391300	-80.74061500	1311.0	0.0	0.0	0.0	0.0	NANCY J GARNER	UNREPORTED-UNREPORTED
47-103-31097	31097	BP	COMPLETED	GAS	HOPE NATURAL GAS COMPANY	39.712426100	-80.75807500	1090.0	0.0	0.0	0.0	0.0	00 47	GAS-COMPLETED
47-103-01493	01493	PERKINS OIL & GAS, INC	UNREPORTED	UNREPORTED	PERKINS OIL & GAS	39.69217100	-80.75169200	1202.0	0.0	0.0	0.0	0.0	HUGGINS	UNREPORTED-UNREPORTED
47-051-70218	70218	TRI STATE OIL & GAS	UNREPORTED	UNREPORTED	TRI STATE O&G	39.72837600	-80.72722400	1132.0	0.0	0.0	0.0	0.0	VINCENT YOHIO	UNREPORTED-UNREPORTED
47-103-73110	73110	BP	UNREPORTED	UNREPORTED	HOPE NATURAL GAS COMPANY	39.69888300	-80.74849800	1295.0	0.0	0.0	0.0	0.0	HENRY GARNER	UNREPORTED-UNREPORTED
47-103-01498	01498	PERKINS OIL & GAS, INC	PRODUCING	GAS	PERKINS OIL & GAS	39.71758700	-80.75788900	1331.0	1341.0	2895.0	2895.0	PARSONS, J M 281	GAS-PRODUCING	
47-103-01489	01489	PERKINS OIL & GAS, INC	UNREPORTED	UNREPORTED	PERKINS OIL & GAS	39.70225200	-80.74043700	1160.0	0.0	0.0	0.0	0.0	RACHEL COFFIELD	UNREPORTED-UNREPORTED
47-103-73109	73109	BP	UNREPORTED	UNREPORTED	HOPE NATURAL GAS COMPANY	39.69636600	-80.74849800	1227.0	0.0	0.0	0.0	0.0	HENRY GARNER	UNREPORTED-UNREPORTED
47-103-73115	73115	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70860600	-80.73986400	1310.0	0.0	0.0	0.0	0.0	RACHEL COFFIELD	UNREPORTED-UNREPORTED
47-051-70084	70084	WHEELING NATURAL GAS CO., THE	UNREPORTED	UNREPORTED	WHEELING NATURAL GAS CO., THE	39.73021100	-80.77835900	1234.0	0.0	2793.0	0.0	0.0	JAMES HENRY	UNREPORTED-UNREPORTED
47-103-01496	01496	PERKINS OIL & GAS, INC	PRODUCING	GAS	PERKINS OIL & GAS	39.71060100	-80.75938500	1164.0	1374.0	0.0	0.0	0.0	COFFIELD, R & S J 282	GAS-PRODUCING
47-103-73092	73092	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.69244700	-80.74962400	1210.0	0.0	0.0	0.0	0.0	JR HUGGINS	UNREPORTED-UNREPORTED
47-103-73098	73098	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.69186600	-80.74730400	1166.0	0.0	0.0	0.0	0.0	NANCY J GARNER	UNREPORTED-UNREPORTED
47-103-00184	00184	MANUFACTURERS LIGHT & HEAT CO	P & A	OTHER	OPERATOR UNKNOWN	39.71364900	-80.75450600	1230.0	1239.0	2107.0	2107.0	2107.0	EBERT, BARBARA 1	OTHER-P & A
47-103-00747	00747	CONSOL	P & A	GAS	LEATHERWOOD, INC.	39.71081700	-80.73970500	1242.0	1251.0	2940.0	2940.0	2940.0	DAUGHERTY, M A., ET AL 1225	GAS-P & A
47-103-01490	01490	ARIES PETROLEUM CORP	UNREPORTED	UNREPORTED	ARIES PETRO	39.69304100	-80.74625000	1189.0	0.0	0.0	0.0	0.0	JR HUGGINS HRS	UNREPORTED-UNREPORTED
47-103-73094	73094	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.69099500	-80.73817500	1145.0	0.0	0.0	0.0	0.0	RACHEL M YEATER	UNREPORTED-UNREPORTED
47-103-73124	73124	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.71803000	-80.74730400	1188.0	0.0	0.0	0.0	0.0	J P COOPER	UNREPORTED-UNREPORTED
47-103-71608	71608	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70434800	-80.75919800	1258.0	0.0	0.0	0.0	0.0	GEORGE COZART	UNREPORTED-UNREPORTED
47-101-73112	73112	BP	UNREPORTED	UNREPORTED	HOPE NATURAL GAS COMPANY	39.70144500	-80.74680900	1379.0	0.0	0.0	0.0	0.0	HENRY GARNER	UNREPORTED-UNREPORTED
47-103-71609	71609	BP	UNREPORTED	UNREPORTED	HOPE NATURAL GAS COMPANY	39.70797600	-80.75112800	1214.0	0.0	0.0	0.0	0.0	T J COOPER	UNREPORTED-UNREPORTED
47-103-01488	01488	PERKINS OIL & GAS, INC	UNREPORTED	UNREPORTED	PERKINS OIL & GAS	39.69791000	-80.74850400	1258.0	0.0	0.0	0.0	0.0	GARNER HRS	UNREPORTED-UNREPORTED
47-103-73105	73105	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70173500	-80.74117700	1424.0	0.0	0.0	0.0	0.0	NANCY J GARNER	UNREPORTED-UNREPORTED
47-103-01662	01662	PERKINS OIL & GAS, INC.	UNREPORTED	OTHER	PERKINS OIL & GAS	39.69868200	-80.74568200	1210.0	1220.0	0.0	0.0	0.0	GARNER 12	OTHER-UNREPORTED
47-103-73113	73113	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.70636400	-80.74174100	1189.0	0.0	0.0	0.0	0.0	W GARNER	UNREPORTED-UNREPORTED
47-103-73123	73123	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.71292300	-80.74730400	1230.0	0.0	0.0	0.0	0.0	JACOB COFFIELD	UNREPORTED-UNREPORTED
47-103-73099	73099	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.69447900	-80.74155400	1226.0	0.0	0.0	0.0	0.0	NANCY J GARNER	UNREPORTED-UNREPORTED
47-103-01486	01486	PERKINS OIL & GAS, INC.	UNREPORTED	UNREPORTED	PERKINS OIL & GAS	39.69594100	-80.74437400	1153.0	0.0	0.0	0.0	0.0	GARNER HRS	UNREPORTED-UNREPORTED
47-103-73110	73110	(N/A)	UNREPORTED	UNREPORTED	(N/A)	39.71321300	-80.76032400	1180.0	0.0	0.0	0.0	0.0	HANNAH L SMITH	UNREPORTED-UNREPORTED
47-103-70081	70081	SOUTH PENN OIL (S PENN NAT GAS)	UNREPORTED	OIL	SOUTH PENN OIL (S PENN NAT GAS)	39.69971100	-80.73495000	1297.0	0.0	2959.0	0.0	0.0	HENRY GARNER	OIL-UNREPORTED

RECEIVED
Office of Oil and Gas
OCT 20 2023
MW Department of
Environmental Protection

4710303624

WW-9
(4/16)

4710303624

API Number 47 - _____ - _____
Operator's Well No. Elmer N-13HU

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company OP Code 306686

Watershed (HUC 10) Proctor Creek of French Creek - Ohio River (HUC10) Quadrangle WILLETTSVILLE

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: N/A

Will a synthetic liner be used in the pit? Yes No If so, what ml.? N/A

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number 0014, 8462, 4037)
- Reuse (at API Number Various)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: Yes, The closed loop system will remove drill cuttings from the drilling fluid. The drill cuttings are then prepared for transportation to an off-site disposal facility.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. See Attached

-If oil based, what type? Synthetic, petroleum, etc. Synthetic Mud

Additives to be used in drilling medium? See Attached

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Landfill

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? See Attached List

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]

Company Official (Typed Name) John Zavatchan

Company Official Title Project Specialist - Permitting

Subscribed and sworn before me this 18th day of October, 2023

[Signature] Notary Public

My commission expires March 9, 2024

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

Commonwealth of Pennsylvania - Notary Seal
Rebecca Shrum, Notary Public
Beaver County
My commission expires March 9, 2024
Commission number 1267706
Member, Pa. Association of Notaries

4710303624

WW-9 Attachment

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.

- Air is used to drill the top-hole sections of the wellbore (surface, intermediate, and pilot). Water based mud may be necessary depending on hole conditions to stabilize and drill the intermediate section. The pilot hole, curve, and lateral sections will be drilled with either air, water based mud, or synthetic mud.

Additives to be used in drilling medium?

- Air - biodegradable oil lubricant, detergent, defoaming, water.
- Water based mud – Barite, viscosifer, alkalinity control, lime, filtration control, deflocculates, biodegradable oil lubricant, defoaming, walnut shell, salt, x-cide, carbonates.
- Synthetic mud – synthetic base oil, emulsifier, salt, lime, viscosifer, alkalinity control, filtration control, deflocculates, biodegradable oil lubricant, defoaming, carbonates.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

01/26/2024

EQT Production Company

Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type Granular 10-20-20

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: **Stephen Mccoy** Digitally signed by Stephen Mccoy
Date: 2023.10.16 08:12:32 -04'00'

Comments: Pre-seed/mulch all disturbed areas as soon as reasonably possible, per regulation. Upgrade E&S as necessary per WV DEP E&S Manual.

Title: _____

Date: _____

Field Reviewed? () Yes () No

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

WW-9

SUPPLEMENT PG 1

PAGE 1 OF 2

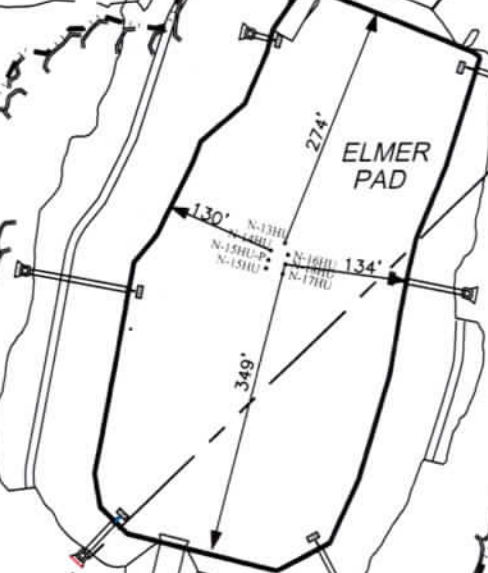
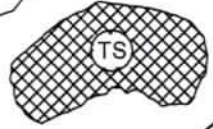
ELMER PAD

12-8-15
SANDRA MURRINER ET AL;
L/E RANDY TUTTLE
DB 315/ 62
39.19 Ac.

55.14' @ 0.00%
58.08' @ 12.00%
88.78' @ 0.00%

270.59' @ -12.00%
65.70' @ -10.00%
71.72' @ -1.45%
31.35' @ -8.00%
27.86' @ 0.00%

ACCESS ROAD



12-8-16
CHARLES & BETTY
HUGGINS
DB 322/ 120
39.13 Ac.

Ephemeral Stream

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

REFERENCE IS HEREBY MADE TO THE WV D.E.P. OFFICE OF OIL & GAS, "EROSION AND SEDIMENT CONTROL FIELD MANUAL" FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.

INSTALL CULVERTS AS SHOWN ON RECLAMATION PLAN OR AS FIELD CONDITIONS REQUIRE.

ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED.

TEMPORARILY SEED AND MULCH ALL SLOPES UPON CONSTRUCTION OF LOCATION

ALL CUT AND FILL SLOPES ARE 2H : 1V SLOPE

ALL TREES 6-INCHES AND ABOVE ARE TO BE CUT AND STACKED. BRUSH SLASHINGS ARE TO UTILIZED DOWN SLOPE OF SITE AND STRUCTURES TO ACT AS A CONTROL BARRIER IF AVAILABLE.

DRAWING NOT TO SCALE



Pg. 1 of 2

LEGEND

- Note:
 (C) - Denotes existing culvert with appropriate sediment outlet control (Rip Rap splash pad)
 --- Silt Fence and or Sediment and Erosion Control Measure
 - - - Surface Boundary
 - - - LOD
 - - - Fenceline



Jackson Surveying Inc.
2413 E. Pike St. #112
Martinsburg, WV 26101
Phone: 304-623-6881

TOPO SECTION:		OPERATOR:	
WILEYVILLE 75'		EQT PRODUCTION COMPANY	
COUNTY:	DISTRICT:	100 WOODCLIFF DRIVE	
WETZEL	PROCTOR	CANONSBURG, PA 15311	
DRAWN BY:	OPERATOR NO:	DATE:	SCALE:
J.D.C.	306686	10-11-2023	NONE

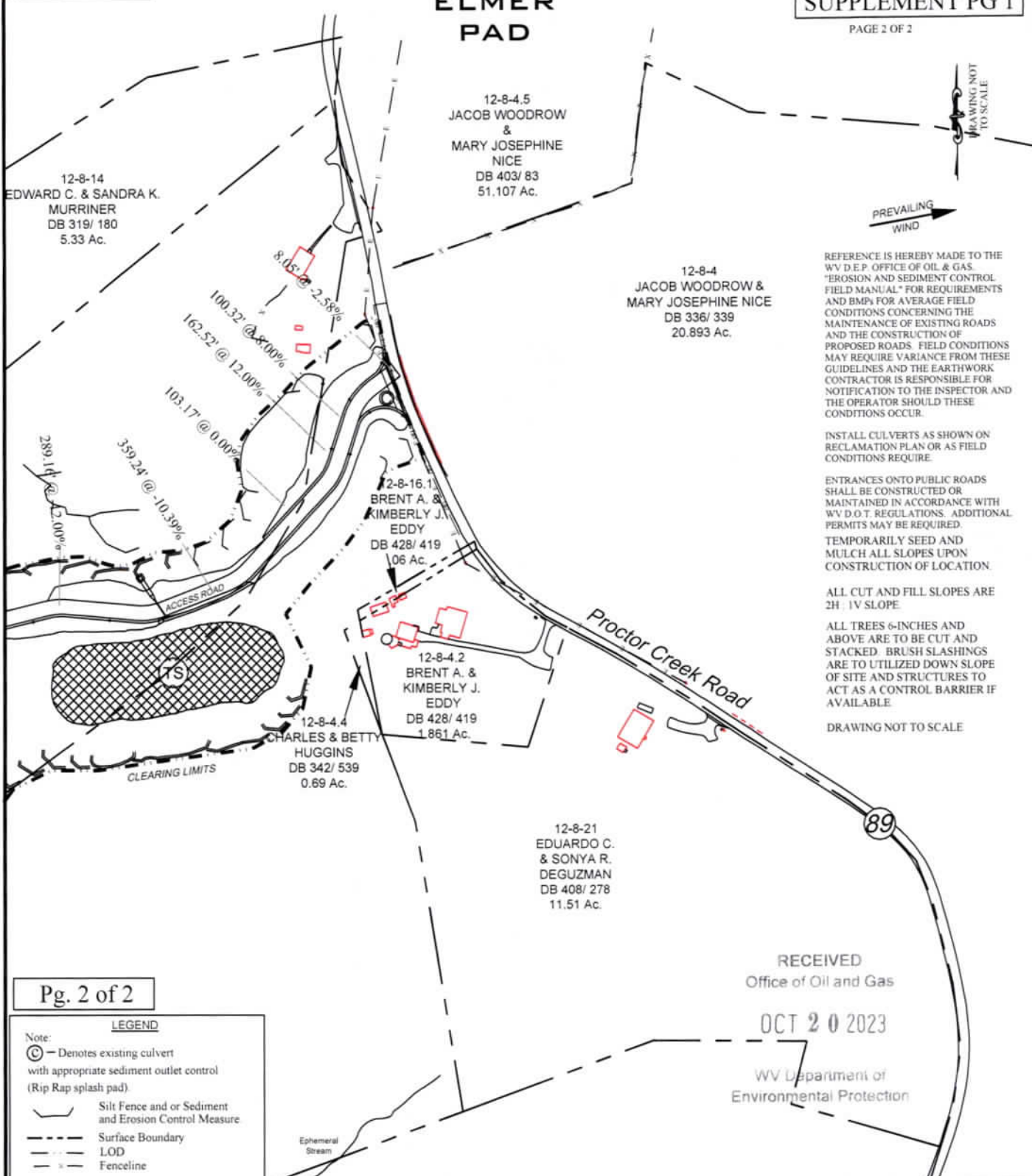


WW-9

ELMER PAD

SUPPLEMENT PG 1

PAGE 2 OF 2



REFERENCE IS HEREBY MADE TO THE WV D.E.P. OFFICE OF OIL & GAS "EROSION AND SEDIMENT CONTROL FIELD MANUAL" FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.

INSTALL CULVERTS AS SHOWN ON RECLAMATION PLAN OR AS FIELD CONDITIONS REQUIRE.

ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED. TEMPORARILY SEED AND MULCH ALL SLOPES UPON CONSTRUCTION OF LOCATION.

ALL CUT AND FILL SLOPES ARE 2H : 1V SLOPE.

ALL TREES 6-INCHES AND ABOVE ARE TO BE CUT AND STACKED. BRUSH SLASHINGS ARE TO UTILIZED DOWN SLOPE OF SITE AND STRUCTURES TO ACT AS A CONTROL BARRIER IF AVAILABLE.

DRAWING NOT TO SCALE

Pg. 2 of 2

LEGEND

Note:

- ⊙ - Denotes existing culvert with appropriate sediment outlet control (Rip Rap splash pad)
- Silt Fence and/or Sediment and Erosion Control Measure
- - - Surface Boundary
- - - LOD
- - - Fenceline

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection



Jackson Surveying Inc.
4113 E. Pike St. #112
Clerksburg, WV 26301
Phone: 304-623-0861

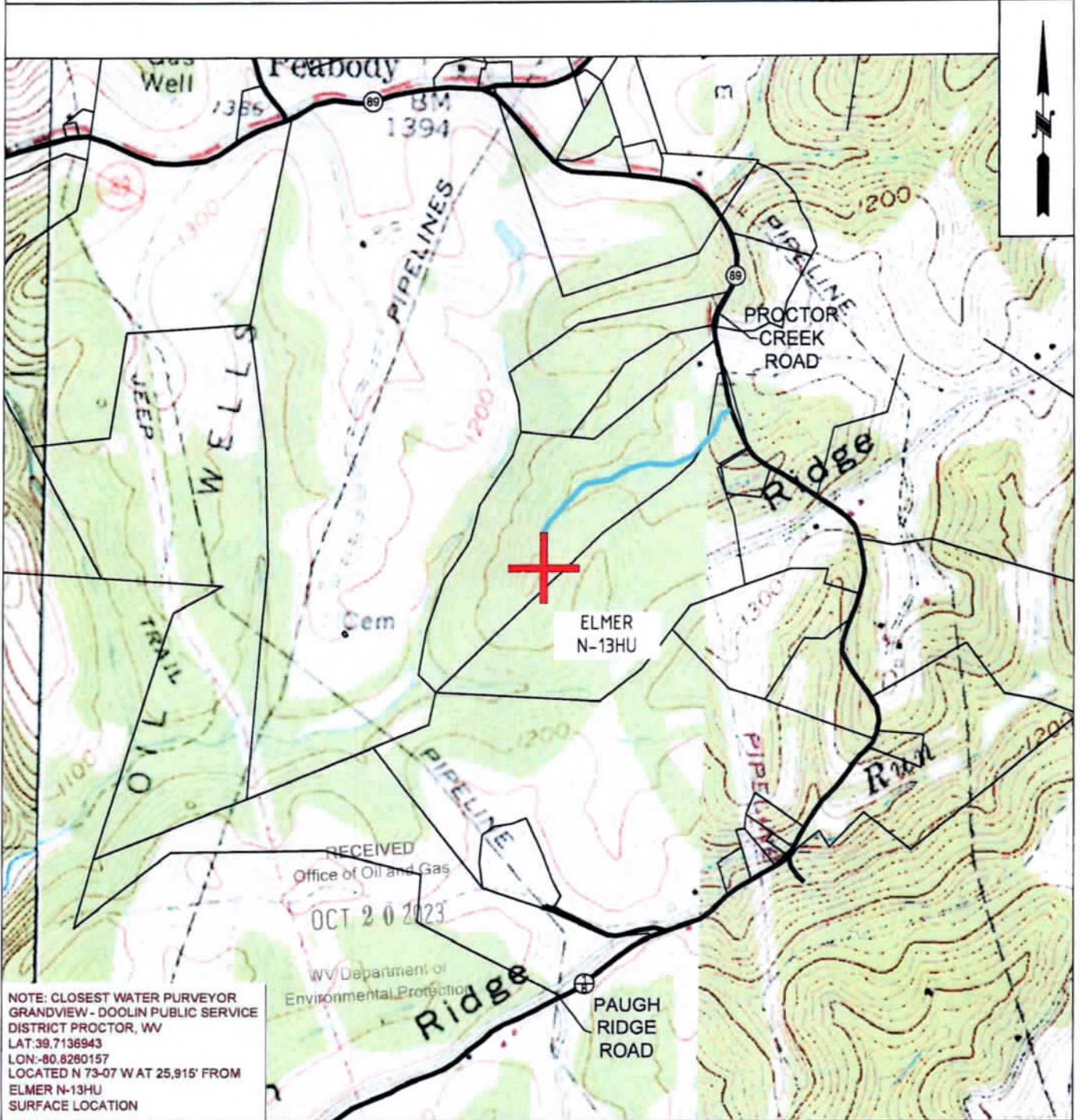
TOPO SECTION:		OPERATOR:	
WILEYVILLE 7.5'		PREPARED FOR:	
COUNTY	DISTRICT	EQT PRODUCTION COMPANY	
WETZEL	PROCTOR	490 WOODCLIFF DRIVE	
DRAWN BY	OPERATOR NO.	DATE	SCALE
J.D.C.	306686	10-11-2023	NONE



WW-9

SUPPLEMENT PG 2

ELMER N-13HU



NOTE: CLOSEST WATER PURVEYOR
 GRANDVIEW - DOOLIN PUBLIC SERVICE
 DISTRICT PROCTOR, WV
 LAT: 39.7136943
 LON: -80.8260157
 LOCATED N 73-07 W AT 25,915' FROM
 ELMER N-13HU
 SURFACE LOCATION

RECEIVED
 Office of Oil and Gas
 OCT 20 2023
 WV Department of
 Environmental Protection



OPERATOR	306686	TOPO SECTION	LEASE NAME
EQT PRODUCTION COMPANY 400 WOODCLIFF DRIVE CANONSBURG, PA 15317		WILEYVILLE 7.5'	ELMER
		SCALE:	DATE:
		1" = 1000'	DATE: 10-11-2023



Formally Tug Hill Operating (THO), LLC

4710303624

EMERGENCY RESPONSE PLAN (ERP)

(SITE SAFETY AND ENVIRONMENTAL PLAN)

Elmer Well Pad

Proctor

Wetzel County, WV

Wells: N-13HU; N-14HU - 47-103-03502; N-15HU - 47-103-03503;
N-15HU RD - 47-103-03503; N-16HU - 47-103-03504;
N-17HU - 47-103-03505; N-18HU - 47-103-03467

Prepared By: Donny Prater, CSP, Health and Safety Sciences, LLC

Approved By: Scott M. Held, CSP, Senior EHS Coordinator

Created Date: 20-Jun-23

Stephen Mccoy

Digitally signed by Stephen
Mccoy
Date: 2023.10.16 08:08:02 -04'00'

John Zavatchan
Project Specialist - Permitting
EQT Production Company

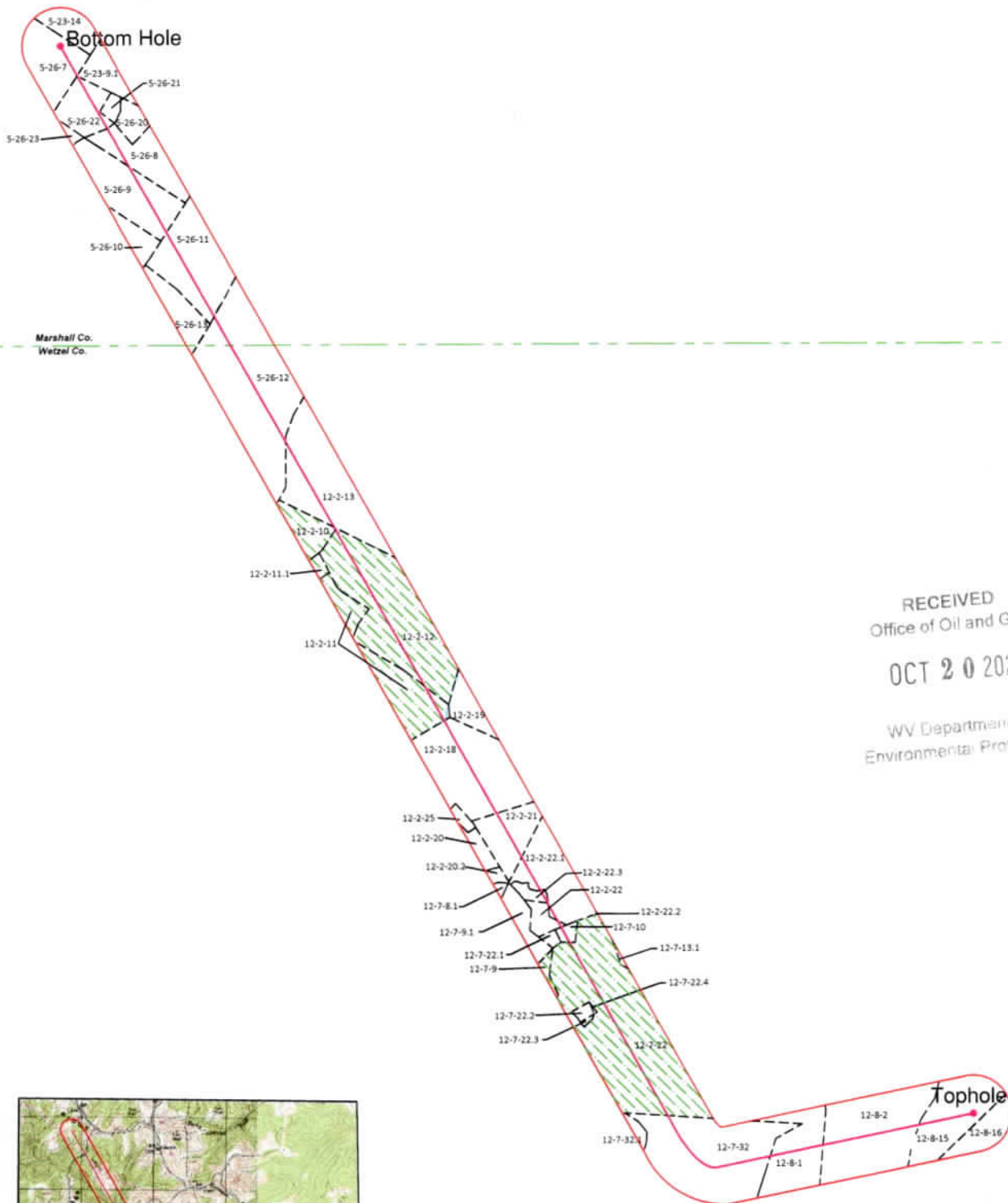
Oil and Gas Inspector
WVDEP Office of Oil and Gas

01/26/2024

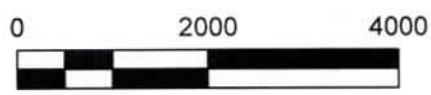
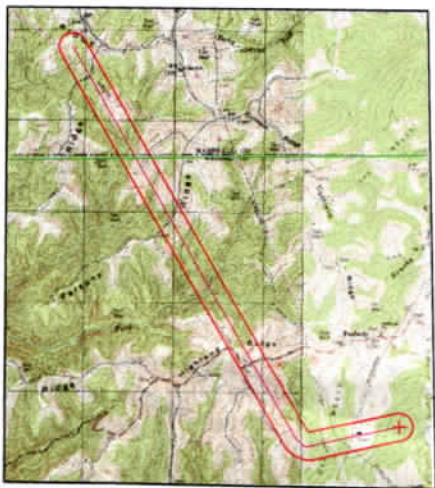
ELMER N-13HU
EQT PRODUCTION COMPANY

4710303624

GRID NORTH



RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection



SCALE 1" = 200'

09/26/2024



- Utica Well
- ▨ Force Pool
- ▭ 500' Buffer

ELMER N-13HU
Operators within 500 Feet of Well Borehole

A	Wetzel	Proctor	12-8-15	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
AA	Wetzel	Proctor	12-2-18	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
AA	Wetzel	Proctor	12-2-18	EQT PRODUCTION COMPANY	625 Liberty Avenue Suite 1700 Pittsburgh, PA 15222
B	Wetzel	Proctor	12-8-2	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
BB	Wetzel	Proctor	12-2-19	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
C	Wetzel	Proctor	12-8-1	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
CC	Wetzel	Proctor	12-2-11	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
CC	Wetzel	Proctor	12-2-11	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
CC	Wetzel	Proctor	12-2-11	KENNETH JAMES PARSONS	502 E COURT ST., APT 103 LAWRENCEBURG, KY 40342
CC	Wetzel	Proctor	12-2-11	PAM ISOM	71 VENABLE ROAD ANNVILLE, KY 40447
CC	Wetzel	Proctor	12-2-11	REBECCA J HARRELL AKA REBECCA J ANTIBUS	533 N KALAMAZOO AVENUE MARSHALL, MI 49068
CC	Wetzel	Proctor	12-2-11	SHANNON HEMINGWAY	UNKNOWN & UNLOCATABLE
D	Wetzel	Proctor	12-7-32	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
DD	Wetzel	Proctor	12-2-12	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
DD	Wetzel	Proctor	12-2-12	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
DD	Wetzel	Proctor	12-2-12	KENNETH JAMES PARSONS	502 E COURT ST., APT 103 LAWRENCEBURG, KY 40342
DD	Wetzel	Proctor	12-2-12	PAM ISOM	71 VENABLE ROAD ANNVILLE, KY 40447
DD	Wetzel	Proctor	12-2-12	REBECCA J HARRELL AKA REBECCA J ANTIBUS	533 N KALAMAZOO AVENUE MARSHALL, MI 49068
DD	Wetzel	Proctor	12-2-12	SHANNON HEMINGWAY	UNKNOWN & UNLOCATABLE
DD	Wetzel	Proctor	12-2-12	STONE HILL MINERALS HOLDINGS LLC	P. O. BOX 470426 FORT WORTH, TX 76147
E	Wetzel	Proctor	12-7-32.1	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222

EE	Wetzel	Proctor	12-2-11.1	EQT TGH L EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
EE	Wetzel	Proctor	12-2-11.1	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
EE	Wetzel	Proctor	12-2-11.1	STONE HILL MINERALS HOLDINGS LLC	P. O. BOX 470426 FORT WORTH, TX 76147
EE	Wetzel	Proctor	12-2-11.1	KENNETH JAMES PARSONS	502 E COURT ST., APT 103 LAWRENCEBURG, KY 40342
EE	Wetzel	Proctor	12-2-11.1	PAM ISOM	71 VENABLE ROAD ANNVILLE, KY 40447
EE	Wetzel	Proctor	12-2-11.1	REBECCA J HARRELL AKA REBECCA J ANTIBUS	533 N KALAMAZOO AVENUE MARSHALL, MI 49068
EE	Wetzel	Proctor	12-2-11.1	SHANNON HEMINGWAY	UNKNOWN & UNLOCATABLE
EE	Wetzel	Proctor	12-2-11.1	STONE HILL MINERALS HOLDINGS LLC	P. O. BOX 470426 FORT WORTH, TX 76147
EE	Wetzel	Proctor	12-2-11.1	STONE HILL MINERALS HOLDINGS LLC	P. O. BOX 470426 FORT WORTH, TX 76147
F	Wetzel	Proctor	12-7-22	EQT TGH L EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
F	Wetzel	Proctor	12-7-22	APRIL D AMRHEIN	53 SALORI COURT WEBSTER, NY 14580
F	Wetzel	Proctor	12-7-22	CANDACE KIMBLE	UNKNOWN & UNLOCATABLE
F	Wetzel	Proctor	12-7-22	CINDY LOU UPDEGRAFF	2352 BLAIRS RIDGE ROAD MOUNDSVILLE, WV 26041
F	Wetzel	Proctor	12-7-22	DEBRA KIMBLE	1405 1ST STREET MOUNDSVILLE, WV 26041
F	Wetzel	Proctor	12-7-22	DONNA FOX	44 JADE COURT NOVATO, CA 94945
F	Wetzel	Proctor	12-7-22	ELSIE MULDREW	103 SHERWOOD AVENUE WHEELING, WV 26003
F	Wetzel	Proctor	12-7-22	FRANKLIN D KIMBLE	425 MAGNOLIA DRIVE MOUNDSVILLE, WV 26041
F	Wetzel	Proctor	12-7-22	FREDERICK W WILKERSON	3121 MIDDLE GRAVE CREEK RD MOUNDSVILLE, WV 26041
F	Wetzel	Proctor	12-7-22	HAROLD W HUGGINS	5146 EDISON STREET NE HARTVILLE, OH 44632
F	Wetzel	Proctor	12-7-22	JAMES D UPDEGRAFF	156 EDINGTON LANE WHEELING, WV 26003
F	Wetzel	Proctor	12-7-22	JOHN E KIMBLE	815 32ND STREET PARKERSBURG, WV 26104
F	Wetzel	Proctor	12-7-22	JOHN MATTHEW HUGGINS SR	729 N 4TH ST., APT 1 STEUBENVILLE, OH 43952
F	Wetzel	Proctor	12-7-22	JOSEPH F GOBLOWSKY	305 APACHE DRIVE EFFORT, PA 18330
F	Wetzel	Proctor	12-7-22	JOYCE A MOORE	1552 ROBERTS RIDGE ROAD MOUNDSVILLE, WV 26041
F	Wetzel	Proctor	12-7-22	LOIS J BOSO	1908 CENTER STREET MOUNDSVILLE, WV 26041

F	Wetzel	Proctor	12-7-22	MARK W UPDEGRAFF	103 BLANEY AVENUE MOUNDSVILLE, PA 26041
F	Wetzel	Proctor	12-7-22	MICHAEL A UPDEGRAFF	3045 MIDDLE GRAVE CREEK ROAD MOUNDSVILLE, WV 26041
F	Wetzel	Proctor	12-7-22	MICKY FOX	344 ROCKYDALE ROAD CAVE JUNCTION, OR 97523
F	Wetzel	Proctor	12-7-22	REVOCABLE INTER VIVOS TRUST ARGMT, TRUSTEE ALLEN LLOYD PARSONS	3300 NE 36TH ST., APT 406 FORT LAUDERDALE, FL 33308
F	Wetzel	Proctor	12-7-22	RICHARD I UPDEGRAFF	501 TENTH ST., APT 707 MOUNDSVILLE, WV 26041
F	Wetzel	Proctor	12-7-22	ROBIN KIMBLE	3 WILLOW LANE GLEN DALE, WV 26038
F	Wetzel	Proctor	12-7-22	SHANE MURAVSKY	289 MILLWOOD SQUARE STERLING, VA 20165
F	Wetzel	Proctor	12-7-22	UNKNOWN & UNLOCATABLE HEIRS OF WILFORD W PARSONS	UNKNOWN & UNLOCATABLE
F	Wetzel	Proctor	12-7-22	UNKNOWN DAUGHTER TINA OF LARRY ALLEN CROSS	UNKNOWN & UNLOCATABLE
F	Wetzel	Proctor	12-7-22	UNKNOWN TWIN DAUGHTER OF LARRY ALLEN CROSS	UNKNOWN & UNLOCATABLE
F	Wetzel	Proctor	12-7-22	VICTORIA J. CARVER FNA VICKIE BROWN	12 VILLAGE DRIVE WHEELING, WV 26003
FF	Wetzel	Proctor	12-2-10	EQT PRODUCTION COMPANY	625 Liberty Avenue Suite 1700 Pittsburgh, PA 15222
FF	Wetzel	Proctor	12-2-10	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
FF	Wetzel	Proctor	12-2-10	BILLY MASON SULLIVAN AKA BILLY J SULLIVAN	1410 SOUTH 24TH AVE, UNIT B PHOENIX, AZ 85009
FF	Wetzel	Proctor	12-2-10	LIGHTNING CREEK HOLDINGS, LP	81 DUTILH RIDGE CRANBERRY TOWNSHIP, PA 16066
G	Wetzel	Proctor	12-7-22.3	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
GG	Wetzel	Proctor	12-2-13	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
H	Wetzel	Proctor	12-7-22.2	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
H	Wetzel	Proctor	12-7-22.2	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
HH	Wetzel	Proctor	5-26-12	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
I	Wetzel	Proctor	12-7-22.4	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222

II	Wetzel	Proctor	5-26-13	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
JJ	Wetzel	Proctor	5-26-11	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
K	Wetzel	Proctor	12-7-9	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
KK	Marshall	Franklin	5-26-10	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
KK	Marshall	Franklin	5-26-10	EQT TGHL EXPLORATION II LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
L	Wetzel	Proctor	12-7-13.1	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
LL	Marshall	Franklin	5-26-9	EQT TGHL EXPLORATION II LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
LL	Marshall	Franklin	5-26-9	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
MM	Marshall	Franklin	5-26-8	EQT TGHL EXPLORATION II LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
MM	Marshall	Franklin	5-26-8	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
N	Wetzel	Proctor	12-2-22.2	EQT PRODUCTION COMPANY	625 Liberty Avenue Suite 1700 Pittsburgh, PA 15222
NN	Marshall	Franklin	5-26-20	EQT TGHL EXPLORATION II LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
NN	Marshall	Franklin	5-26-20	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
O	Wetzel	Proctor	12-7-10	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
OO	Marshall	Franklin	5-26-21	EQT TGHL EXPLORATION II LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
OO	Marshall	Franklin	5-26-21	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
P	Wetzel	Proctor	12-7-22.1	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222

PP	Marshall	Franklin	5-23-9.1	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
Q	Wetzel	Proctor	12-2-22	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
QQ	Marshall	Franklin	5-26-23	EQT TGHL EXPLORATION II LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
QQ	Marshall	Franklin	5-26-23	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
R	Wetzel	Proctor	12-2-22.3	EQT PRODUCTION COMPANY	625 Liberty Avenue Suite 1700 Pittsburgh, PA 15222
RR	Marshall	Franklin	5-26-22	EQT TGHL EXPLORATION II LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
RR	Marshall	Franklin	5-26-22	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
S	Wetzel	Proctor	12-7-9.1	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
S	Wetzel	Proctor	12-7-9.1	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
SS	Marshall	Franklin	5-26-7	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
T	Wetzel	Proctor	12-7-8.1	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
TT	Marshall	Franklin	5-23-14	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
V	Wetzel	Proctor	12-2-20.2	EQT TGHL EXPLORATION LLC	1320 S. UNIVERSITY BLVD SUITE 500 FORT WORTH, TX 76107
V	Wetzel	Proctor	12-2-20.2	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
W	Wetzel	Proctor	12-2-22.1	EQT PRODUCTION COMPANY	625 Liberty Avenue Suite 1700 Pittsburgh, PA 15222
X	Wetzel	Proctor	12-2-21	EQT TGHL EXPLORATION LLC	1320 S. UNIVERSITY BLVD SUITE 500 FORT WORTH, TX 76107
X	Wetzel	Proctor	12-2-21	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222

4710303624

Y	Wetzel	Proctor	12-2-20	EQT TGHL EXPLORATION LLC	1320 S. UNIVERSITY BLVD SUITE 500 FORT WORTH, TX 76107
Y	Wetzel	Proctor	12-2-20	EQT PRODUCTION COMPANY	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
Z	Wetzel	Proctor	12-2-25	EQT PRODUCTION COMPANY	625 Liberty Avenue Suite 1700 Pittsburgh, PA 15222
Z	Wetzel	Proctor	12-2-25	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222
	Wetzel	Proctor	12-8-16	EQT TGHL EXPLORATION LLC	625 LIBERTY AVENUE SUITE 1700 PITTSBURGH, PA 15222

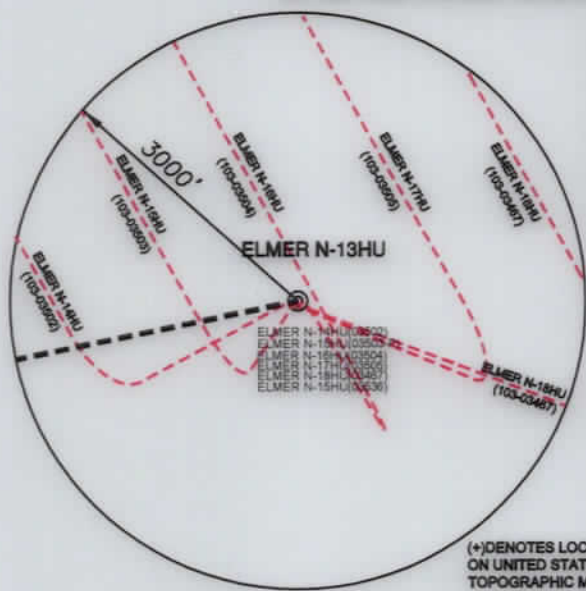
01/26/2024

**ELMER N-13HU
UTICA UNIT - 493.1037± ACRES
EQT PRODUCTION COMPANY**

TOP HOLE LATITUDE: 39°42'30"
BOTTOM HOLE LATITUDE: 39°45'00"

DEEP WELLS WITHIN 2400' OF PROPOSED WELL'S
SURFACE LOCATION AND/OR WITHIN 500' OF WELL LATERAL

API	OPERATOR
47-051-02194	EQT Production Company
47-103-03467	EQT Production Company
47-103-03502	EQT Production Company
47-103-03503	EQT Production Company
47-103-03504	EQT Production Company
47-103-03505	EQT Production Company



(BH) BOTTOM HOLE LONGITUDE: 80°45'00"
(TH) TOP HOLE LONGITUDE: 80°42'30"
(BH) 5,255'
(TH) 6,652'

(*) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

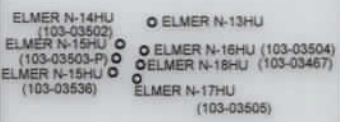
NOTES

- BORE PATH BASED ON GRID NORTH.
- NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
- OWNERSHIP TAKEN FROM PUBLIC RECORDS OF WETZEL COUNTY, WV IN NOVEMBER, 2021. TAG TRACT OWNERSHIPS UPDATED IN SEPTEMBER, 2023.
- COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
- WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
- ALL DEEP WELLS WITHIN 1,000' ARE SHOWN ON THIS PLAT.
- BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 00530304.0401147.

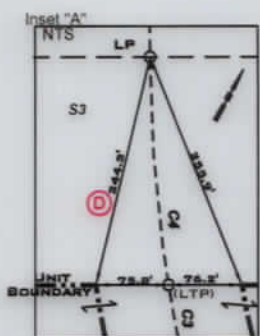
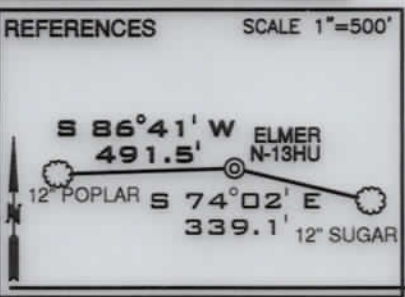


LEGEND

- LEASE TRACTS
- SURFACE TRACTS
- WELL LATERAL
- - - POINT PLEASANT LEGS FROM ELMER PAD
- - - POINT PLEASANT LEGS FROM OTHER PADS
- UNIT BOUNDARY
- (A) LEASE # (SEE GA1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- (FTP) PROPOSED FIRST TAKE POINT
- (LTP) PROPOSED LAST TAKE POINT
- FORCED POOL TRACT



DETAIL SKETCH "A" N.T.S.



SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,393,828.29
E) 522,506.13

LANDING POINT
UTM. NAD83, ZONE 17
IN METERS
N) 4,393,735.18
E) 521,333.25

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,398,012.58
E) 518,848.66

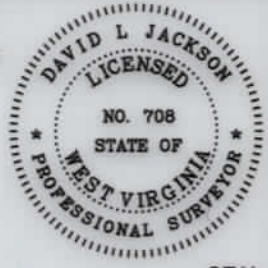
LINE	BEARING	DISTANCE
L1	N 42°19' E	1,810.88'
L2	N 68°13' E	1,376.57'
L3	S 78°28' W	3,420.83'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 81°28' W	105.93'	183.18'	107.47'
C2	N 54°11' W	213.47'	618.34'	214.55'
C3	N 41°38' W	139.09'	1,161.12'	139.18'
C4	N 33°37' W	238.30'	1,477.78'	238.56'

FILE NUMBER _____
DRAWING NUMBER: ELMER_N-13HU
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING
GRADE GPS

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S. 708
David L Jackson



JACKSON SURVEYING INC.
P.O. Box 1480
Clarksburg, WV 26302
304-623-6851

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET, SE
CHARLESTON, WV 25304

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
DATE: OCTOBER 24, 2023
OPERATORS WELL NO. ELMER N-13HU
API WELL NO. 47-103-03624 Deep
STATE WV COUNTY WV PERMIT 03624

LOCATION ELEVATION 1276.50' WATERSHED (HUC 10) PROCTOR CREEK OF FRENCH CREEK - OHIO RIVER (HUC-10)
DISTRICT PROCTOR COUNTY WETZEL
QUADRANGLE WILEYVILLE 7.5' LEASE NUMBER SEE WW-6A1 FORM

SURFACE OWNER SANDRA MURRINER ET AL; L/E RANDY TUTTLE ACRES 493.1037
OIL & GAS ROYALTY OWNER HENRY & NANCY GARNER - SEE WW-6A1 LEASE ACREAGE 39.19

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,684' TMD: 29,048'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT JOSEPH C. MALLOW
ADDRESS 400 WOODCLIFF DRIVE CANONSBURG, PA 15317 ADDRESS 427 MIDSTATE DRIVE CLARKSBURG, WV 25301

COUNTY NAME
PERMIT

form wv6

ELMER N-13HU UTICA UNIT - 493.1037± ACRES EQT PRODUCTION COMPANY

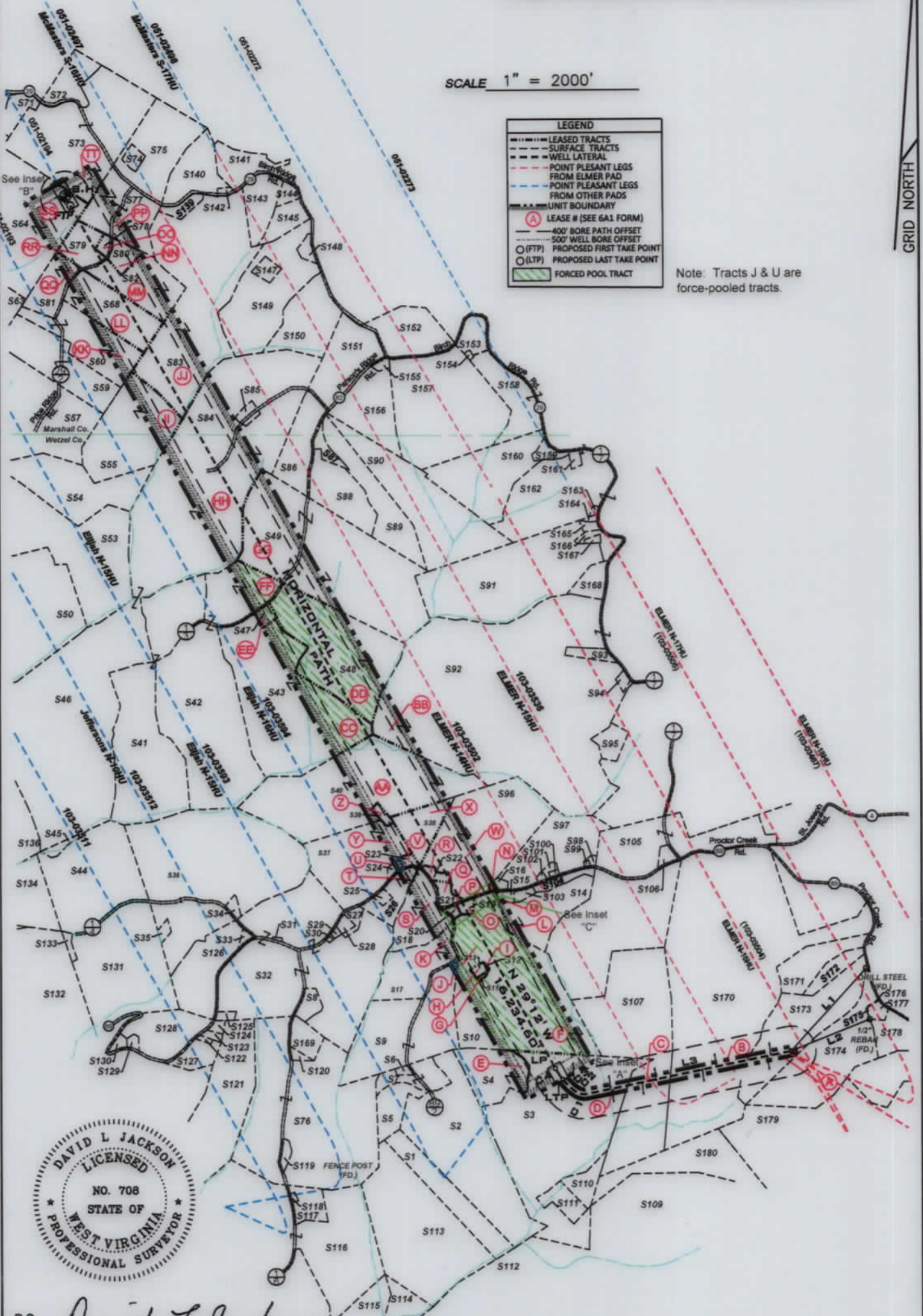
SCALE 1" = 2000'

LEGEND

- LEASE TRACTS
- - - SURFACE TRACTS
- - - WELL LATERAL
- - - POINT PLEASANT LEGS FROM ELMER PAD
- - - POINT PLEASANT LEGS FROM OTHER PADS
- - - UNIT BOUNDARY
- (A) LEASE # (SEE GA1 FORM)
- - - 400' BORE PATH OFFSET
- - - 500' WELL BORE OFFSET
- (FTP) PROPOSED FIRST TAKE POINT
- (LTP) PROPOSED LAST TAKE POINT
- ▨ FORCED POOL TRACT

Note: Tracts J & U are force-pooled tracts.

GRID NORTH



P.S. 708

David L Jackson

01/26/2024



OPERATOR'S
 WELL #: ELMER N-13HU
 DISTRICT: Proctor
 COUNTY: Wetzel
 STATE: WV
 API #: 47-103-03624

WELL PLAT
 PAGE 2 OF 4
 DATE: 10/24/2023

ELMER N-13HU
UTICA UNIT - 493.1037± ACRES
EQT PRODUCTION COMPANY

Table with 5 columns: Tag, Number, Tax Map - Parcel, Surface Owner, Acres. Contains parcel data for various owners like Sandra Murriner et al, Robert Shane & Kathryn Ramona, etc.

Table with 5 columns: Number, Tax Map - Parcel, Surface Owner, Acres. Contains parcel data for various owners like Trustees of the William Cross Sub Trust, etc.

Table with 5 columns: Number, Tax Map - Parcel, Surface Owner, Acres. Contains parcel data for various owners like Roy Yoho, Clifford W. & Alberta B. Johnson, etc.



* FORCED POOLED TRACTS ARE HIGHLIGHTED

P.S. 708 David L Jackson

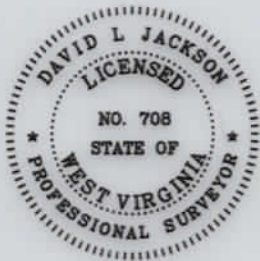
01/26/2024



OPERATOR'S WELL #: ELMER N-13HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV
API #: 47-103 - 03624
WELL PLAT PAGE 3 OF 4
DATE: 10/24/2023

**ELMER N-13HU
UTICA UNIT - 493.1037± ACRES
EQT PRODUCTION COMPANY**

TAG	LEASE ID	TMP	GRANTOR, LESSOR, ETC.	DEED BOOK/PAG	
A	10*31435	12-8-15	HENRY AND NANCY GARNER	55	394
B	10*31435	12-8-2	HENRY AND NANCY GARNER	55	394
C	10*31435	12-8-1	HENRY AND NANCY GARNER	55	394
D	10*31436	12-7-32	J R HUGGINS	56	465
E	10*31436	12-7-32.1	J R HUGGINS	56	465
F	10*21035	12-7-22	THOMAS E GARNER AND BILLIE J GARNER ET AL	200A	385
G	141124002	12-7-22.3	LARRY D GARNER ET AL	255A	825
H	10*31435	12-7-22.2	HENRY AND NANCY GARNER	55	394
I	141124002	12-7-22.4	LARRY D GARNER ET AL	255A	825
J	10*21035	12-7-21	THOMAS E GARNER AND BILLIE J GARNER ET AL	200A	385
K	10*41336	12-2-9	LARRY D GARNER ET AL	313A	616
L	10*31435	12-7-13.1	HENRY AND NANCY GARNER	55	394
M	10*31435	12-7-11	HENRY AND NANCY GARNER	55	394
N	141124001	12-2-22.2	THOMAS E GARNER ET AL	255A	816
O	10*41336	12-7-10	LARRY D GARNER ET AL	313A	616
P	10*41336	12-7-22.1	LARRY D GARNER ET AL	313A	616
Q	141124002	12-2-22	LARRY D GARNER ET AL	255A	825
R	141124002	12-2-22.3	LARRY D GARNER ET AL	255A	825
S	141124001	12-7-9.1	THOMAS E GARNER ET AL	255A	816
T	10*22570	12-7-8.1	BRIAN MATTHEW NICE AND CHRISTINE L NICE	209A	279
U	10*29362	12-2-20.1	STARIA K RICHMOND ET AL	247A	282
V	10*29362	12-2-20.2	STARIA K RICHMOND ET AL	247A	282
W	141124001	12-2-22.1	THOMAS E GARNER ET AL	166A	436
X	10*29362	12-2-21	STARIA K RICHMOND ET AL	247A	282
Y	10*22571	12-2-20	LINDA M YOHO ET AL	209A	281
Z	10*22571	12-2-25	LINDA M YOHO ET AL	209A	281
AA	10*22571	12-2-18	LINDA M YOHO ET AL	209A	281
BB	10*39464	12-2-19	ROBERT AND SARAH J COFFIELD ET AL	55	216
CC	10*18336	12-2-11	ED BROOME INC ET AL	198A	718
DD	139496030	12-2-12	MASTER MINERAL HOLDINGS II, LP ET AL	275A	33
EE	10*22229	12-2-11.1	MURIEL A MILLER ET AL	204A	150
FF	10*18336	12-2-10	ED BROOME INC ET AL	198A	718
GG	10*40304	12-2-13	DANIEL T BOOTH ET AL	292A	309
HH	10*31441	5-26-12	JASON AND S M PARSONS	59	3
II	10*29670	5-26-13	ALVIN F STONEKING JR	1100	97
JJ	10*14786	5-26-11	TWILA O WHIPKEY ET AL	799	61
KK	10*14724	5-26-10	HERBERT D MINOR ET AL	724	204
LL	10*14723	5-26-9	HERBERT D MINOR ET AL	724	202
MM	10*14722	5-26-8	HERBERT D MINOR ET AL	724	200
NN	10*14722	5-26-20	HERBERT D MINOR ET AL	724	200
OO	10*14722	5-26-21	HERBERT D MINOR ET AL	724	200
PP	10*17189	5-23-9.1	ROBERT J HENRY	716	197
QQ	10*18758	5-26-23	SHIRLEY M DORSEY AND WILLIAM DORSEY ET AL	938	468
RR	10*14722	5-26-22	HERBERT D MINOR ET AL	724	200
SS	10*18343	5-26-7	DOMINION ENERGY TRANSMISSION INC	936	79
TT	10*18343	5-23-14	DOMINION ENERGY TRANSMISSION INC	936	79



* FORCED POOLED TRACTS ARE HIGHLIGHTED

P.S. 708 David L Jackson

01/26/2024



OPERATOR'S
WELL #: ELMER N-13HU
DISTRICT: Proctor
COUNTY: Wetzel
STATE: WV
47-103- 036 24

WELL PLAT
PAGE 4 OF 4
DATE: 10/24/2023

WW-6A1
(5/13)

Operator's Well No. Elmer N-13HU

**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
----------------------	-----------------------	-----------------------	---------	-----------

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

**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: John Zavatchan
 Its: Project Specialist - Permitting

LEASE ID	TMP	TAG	GRANTOR, LESSOR, ETC.	GRANTEE, LESSEE, ETC.	ROYALTY	DEED BOOK/PAGE	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT		
10*31435	12-8-15	A	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	N/A	N/A	N/A	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallas Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*31435	12-8-1	B	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	N/A	N/A	N/A	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallas Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*31435	12-8-1	C	HENRY AND NANCY GARNER	J A PHILLIPS	1/8+	55 394	N/A	N/A	N/A	J A Phillips to South Penn Oil Company: 56/284	South Penn Oil Company to South Penn Natural Gas Company: 33A/455	South Penn Natural Gas Company to Dallas Snyder & Sam Beren dba Snyder & Beren: 39A/33	Dallis Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George F Eagon: 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Mildred M Lartigue, Carl L Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 251A/463	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*31836	12-7-32	D	J R HUGGINS	J C TREES	1/8+	56 465	J. C. Trees to John C Spindler & Charles Gibbs Carter: 59/1	J C Trees to D C Harms: 67/625	ML Benedict, DC Harlin, John C Spindler, Charles Gibbs Carter & JC Trees to David Iseman: 67/627	John W Donnan to John H Donnan, Sydney B Donnan & Smith N Whitworth as Trustees of John W Donnan Trust: 31A/425	Sara Mary Spindler, Wm R & Carol Spindler, Sydney B Donnan, Smith Whitworth & John D Donnan, Trustees of John W Donnan Trust, Citizens Natl Bnk of Washington, successor trustee under James Kuntz Jr, will, David A & Dorothy Iseman, Warren S & Sarah G Burdinal, Hester B Hugh L Burchinal, David A Burchinal to Amberse Bradley: 31A/431	Ralph M White, guardian of Jean Burchinal to Amberse Bradley: 32A/154	H E. Milliken, John R Conlin & Harry S Cummins as personal rep. of the estate of JA Cummins, decd to John H Robinson & George F Eagon: 41A/240	John H Robinson, Blanche Eagon, Exec. of the Est of George F Eagon, decd, Blanche Eagon, Mildred M Lartigue & Carl Eagon to Paul J Shoben & Joseph V DeMarco Jr, A/E, Elva Robinson, Exec of John H Robinson Est., Elva Robinson & Mary Ellen Davis to Elva Robinson & Mary Ellen Davis: 43A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry R Cronin: 44A/92	Katherine A Henry & Harry R Cronin Jr to Charles E Reed & Kathryn C Reed: 51A/241	Kathryn C Reed to Carl Perkins: 55A/54	Carl D Perkins & Dorothy Louise Perkins to Perkins Oil & Gas Inc: 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC: 273A/865	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*21035	12-7-22	F	THOMAS F GARNER AND BELIE J GARNER	TH EXPLORATION LLC	1/8+	200A 385	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21543	12-7-22	F	LARRY D GARNER	TH EXPLORATION LLC	1/8+	200A 393	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25015	12-7-22	F	PAUL I AND BONNIE S SHANNON	TH EXPLORATION LLC	1/8+	223A 305	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25016	12-7-22	F	JAMES B AND IRIS BLANG ISAACS	TH EXPLORATION LLC	1/8+	223A 302	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25290	12-7-22	F	LEWIS L LANE AND CATHIE K LANE	TH EXPLORATION LLC	1/8+	221A 878	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25291	12-7-22	F	ROBERT G AND JOANIE SCHMIDT MILLS	TH EXPLORATION LLC	1/8+	221A 867	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*25297	12-7-22	F	ERIC N SCHMIDT	TH EXPLORATION LLC	1/8+	221A	870	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25298	12-7-22	F	JACK F BLAND	TH EXPLORATION LLC	1/8+	221A	880	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 7 to Certificate of Formation dated August 23, 2023
10*25299	12-7-22	F	HARVEY AND CONNIE B SUROSEY	TH EXPLORATION LLC	1/8+	221A	872	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 7 to Certificate of Formation dated August 23, 2023
10*25722	12-7-22	F	TODD A KELLER AND TERNI K KELLER	TH EXPLORATION LLC	1/8+	221A	546	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26895	12-7-22	F	SHRI LYNH MOELLENDICE	TH EXPLORATION LLC	1/8+	225A	781	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28928	12-7-22	F	JOHN R BLAND AND ALFA BLAND	TH EXPLORATION LLC	1/8+	226A	415	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27034	12-7-22	F	KENNETH T CHAPMAN AND LYNN E CHAPMAN	TH EXPLORATION LLC	1/8+	226A	777	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27035	12-7-22	F	BONNIE L THORNE AND RONALD B THORNE	TH EXPLORATION LLC	1/8+	226A	779	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27036	12-7-22	F	WILDA V WELLS	TH EXPLORATION LLC	1/8+	226A	781	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27037	12-7-22	F	DIANE R MOLNAR	TH EXPLORATION LLC	1/8+	226A	783	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27038	12-7-22	F	LELAIDU PETTI AND THOMAS RAY PETTI	TH EXPLORATION LLC	1/8+	226A	787	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27039	12-7-22	F	LEONARD E CONNIE PARSONS	TH EXPLORATION LLC	1/8+	226A	785	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27040	12-7-22	F	MARGARET COLLEEN MORRIS	TH EXPLORATION LLC	1/8+	226A	789	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27041	12-7-22	F	LINDA J KASPER AND RONALD C KASPER	TH EXPLORATION LLC	1/8+	226A	791	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27093	12-7-22	F	MELN LLOYD PARSONS AND MAO BAI LY	TH EXPLORATION LLC	1/8+	227A	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*2715A	12-7-22	F	CAROL ANN CHAMBERS	TH EXPLORATION LLC	1/8-	228A	211	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27187	12-7-22	F	JOYCE E ELLIOTT AND SERNAAD J BAJA JR	TH EXPLORATION LLC	1/8-	228A	305	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27188	12-7-22	F	ROBERT G KIMBLE JR AND TAMARA KIMBLE	TH EXPLORATION LLC	1/8-	228A	307	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27189	12-7-22	F	LINDA R MADFIELD	TH EXPLORATION LLC	1/8-	228A	309	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27252	12-7-22	F	JASON A HAMANN AND PENNY YU	TH EXPLORATION LLC	1/8-	228A	750	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27254	12-7-22	F	JOYCE M CORE AND DOUGLAS L CORE	TH EXPLORATION LLC	1/8-	228A	754	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27255	12-7-22	F	J HOWARD MYERS	TH EXPLORATION LLC	1/8-	228A	752	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27287	12-7-22	F	RANDALL G KIMBLE	TH EXPLORATION LLC	1/8-	229A	56	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27518	12-7-22	F	JOHN KEATING AND PAMELA KEATING	TH EXPLORATION LLC	1/8-	230A	652	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27519	12-7-22	F	JAMES KEATING AND LOY KEATING	TH EXPLORATION LLC	1/8-	230A	654	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27801	12-7-22	F	JOHN ERIC MOELLENDICK	TH EXPLORATION LLC	1/8-	232A	151	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27885	12-7-22	F	SCOTT W HAMANN AND MELISSA A HAMANN	TH EXPLORATION LLC	1/8-	232A	712	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28027	12-7-22	F	DOUGLAS A KIMBLE AND ALMA KIMBLE	TH EXPLORATION LLC	1/8-	233A	973	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28070	12-7-22	F	MABEL J WILLIAMS	TH EXPLORATION LLC	1/8-	234A	460	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28073	12-7-22	F	JOHN J WILLIAMS AND NANCY BEAN WILLIAMS	TH EXPLORATION LLC	1/8-	234A	462	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*28082	12-7-22	F	LUTHER RAY CROOKS	TH EXPLORATION LLC	1/8*	234A	621	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28083	12-7-22	F	LINDA L PILES	TH EXPLORATION LLC	1/8*	234A	619	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28084	12-7-22	F	LARRY MIKE HUGGINS	TH EXPLORATION LLC	1/8*	234A	617	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28103	12-7-22	F	TIMOTHY HUGGINS	TH EXPLORATION LLC	1/8*	234A	615	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28104	12-7-22	F	KENNETH R HUGGINS AND DONALD HUGGINS	TH EXPLORATION LLC	1/8*	234A	613	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28105	12-7-22	F	RALPH HUGGINS	TH EXPLORATION LLC	1/8*	234A	611	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28106	12-7-22	F	DONNA HAIGLE	TH EXPLORATION LLC	1/8*	234A	607	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28107	12-7-22	F	QAM YOHIO	TH EXPLORATION LLC	1/8*	234A	609	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28175	12-7-22	F	JOHN LUCAS JR	TH EXPLORATION LLC	1/8*	234A	631	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28176	12-7-22	F	FABBY LYNN LUCAS	TH EXPLORATION LLC	1/8*	234A	631	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28177	12-7-22	F	CRYSTAL KENDERSHAW	TH EXPLORATION LLC	1/8*	234A	635	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28178	12-7-22	F	DAVID J GUNN SR AND MARGARET V GUNN	TH EXPLORATION LLC	1/8*	234A	629	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28279	12-7-22	F	DEBRA LYVINE AND DONALD O YOUNG	TH EXPLORATION LLC	1/8*	235A	548	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28221	12-7-22	F	NANCY F AND RONALD WILKERSON	TH EXPLORATION LLC	1/8*	235A	550	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28233	12-7-22	F	ALICE WURLEY	TH EXPLORATION LLC	1/8*	235A	552	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*28234	12-7-22	F	EPHROM WALTER YOUNG	TH EXPLORATION LLC	1/8*	236A	208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28291	12-7-22	F	BOBBY MYERS	TH EXPLORATION LLC	1/8*	236A	214	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28292	12-7-22	F	DANWITA J MOORE	TH EXPLORATION LLC	1/8*	236A	216	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28293	12-7-22	F	JESSE J MURAVSKY	TH EXPLORATION LLC	1/8*	236A	238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28294	12-7-22	F	JUDY MORRIS	TH EXPLORATION LLC	1/8*	236A	220	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28330	12-7-22	F	TAMMY SUE AND JESSE CALLAHAN	TH EXPLORATION LLC	1/8*	236A	212	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28331	12-7-22	F	LYLE EUGENE PARSONS	TH EXPLORATION LLC	1/8*	236A	222	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28339	12-7-22	F	KAREN S STERN ATTER	TH EXPLORATION LLC	1/8*	236A	210	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28438	12-7-22	F	RICHARD D LASHYNORNI AND SHAWN LASHYNORNI	TH EXPLORATION LLC	1/8*	237A	360	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28511	12-7-22	F	ROBERT L BLAKE JR AND ANGELA BLAKE	TH EXPLORATION LLC	1/8*	237A	358	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28516	12-7-22	F	JOYCE SUE WILLIAMS	TH EXPLORATION LLC	1/8*	237A	362	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28623	12-7-22	F	ROBERT L STERN JR	TH EXPLORATION LLC	1/8*	236A	523	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28652	12-7-22	F	JOHN W HUGGINS JR INMATE A797833	TH EXPLORATION LLC	1/8*	238A	683	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28758	12-7-22	F	VIVIAN J MORLEDGE	TH EXPLORATION LLC	1/8*	245A	361	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28827	12-7-22	F	DEBRA JEAN GUMP	TH EXPLORATION LLC	1/8*	259A	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*28841	12-7-22	F	DEBRA LYNN COLE	TH EXPLORATION LLC	1/8*	239A	140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28842	12-7-22	F	DOMINA SUE DOYEL	TH EXPLORATION LLC	1/8*	239A	142	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28843	12-7-22	F	JACKIE RACHIE	TH EXPLORATION LLC	1/8*	239A	192	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28972	12-7-22	F	CHRISTOPHER AND KATRINA CROOKS	TH EXPLORATION LLC	1/8*	239A	864	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*29529	12-7-22	F	TERRY CROOKS	TH EXPLORATION LLC	1/8*	250A	458	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*30543	12-7-22	F	DARRICK SCOTT WILLIAMS	TH EXPLORATION LLC	1/8*	257A	764	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*31435	12-7-22	F	HENRY AND NANCY GARNER	TH EXPLORATION LLC	1/8*	55	394	N/A	N/A	N/A	J A Phillips to South Penn Oil Company 56/284	South Penn Oil Company to South Penn Natural Gas Company 33A/450	South Penn Natural Gas Company to Dallit Snyder & Sam Beren 39A/33	Dale Snyder & Muriel C Snyder, Sam Beren & Sarah Beren, dba Snyder and Beren to John H Robinson & George J Eagon 39A/38	John H Robinson, Blanche Eagon, Est of George F Eagon, decd, Alfred M Lartigue, Carl L Eagon, Elva Eagon, Elva Robinson, Est of John H Robinson, decd, & Mary Ellen Davis to Flou Robinson & Mary Ellen Davis 45A/440	Elva Robinson & Mary Ellen Davis to Andrew L Henry, Charles E Reed & Harry H Corlin 44A/92	Katherine A & Harry R Cronin Jr to Charles E & Kathryn C Reed 51A/241	Kathryn C Reed to Carl Peck 55A/54	Carl & Dorothy Louise Perkins to Perkins Oil and Gas Inc 84A/9	Perkins Oil & Gas Inc to TH Exploration LLC 251A/463	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39146	12-7-22	F	CHAD GONCHOFF	TH EXPLORATION LLC	1/8*	260A	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39246	12-7-22	F	CORNEL L COLVIN AND DUANE COLVIN	TH EXPLORATION LLC	1/8*	260A	845	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39250	12-7-22	F	STAR SUPERIOR AND ALLAN I SUPERIOR	TH EXPLORATION LLC	1/8*	261A	125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39365	12-7-22	F	JERRY CURTIS HUGGINS	TH EXPLORATION LLC	1/8*	262A	962	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40241	12-7-22	F	SEAN P AND FAMILY H HUGGINS	TH EXPLORATION LLC	1/8*	280A	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40351	12-7-22	F	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8*	282A	435	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40389	12-7-22	F	SHIRLEY UNDERWOOD AUF DANIEL WILLIAMS	TH EXPLORATION LLC	1/8*	290A	164	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*40565	12-7-22	F	MICHAEL WILLIAM AND SHERRY STAMPER HALL	TH EXPLORATION LLC	1/8+	294A	159	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*40703	12-7-22	F	CHRISTY LYNN & DENNIS WAYNE DEWEY	TH EXPLORATION LLC	1/8+	296A	881	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*40786	12-7-22	F	JEFFREY SCOTT & SHERA KAREN HALL	TH EXPLORATION LLC	1/8+	298A	880	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*40879	12-7-22	F	JAMIE BUNCO	TH EXPLORATION LLC	1/8+	300A	411	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*40954	12-7-22	F	ROBERT W AND MARY M COFF-ELD	TH EXPLORATION LLC	1/8+	303A	424	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*40957	12-7-22	F	JASON A BLAKE AND ANNETTE BLAKE	TH EXPLORATION LLC	1/8+	303A	427	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*41074	12-7-22	F	MELISSA UPODEGRAFF AND WILLIAM WYATT	TH EXPLORATION LLC	1/8+	302A	738	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*41089	12-7-22	F	DANIEL OREATHOUSE	TH EXPLORATION LLC	1/8+	305A	233	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*41089	12-7-22	F	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	305A	239	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*41336	12-7-22	F	LARRY O GARNER	ANTERO RESOURCES CORPORATION	1/8+	313A	616	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*41337	12-7-22	F	THOMAS E GARNER	ANTERO RESOURCES CORPORATION	1/8+	313A	613	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*41452	12-7-22	F	NICOLE CROOKS	TH EXPLORATION LLC	1/8+	317A	405	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
FORCE POOL	12-7-22	F	APRIL D ANTHONIS	UNLEASED	NA	NA	NA													**FORCE POOL**	
FORCE POOL	12-7-22	F	CANDACE KIMBLE	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	CHRISTY LYNN UPODEGRAFF	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	ORRIN KIMBLE	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	DONNA FOX	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	ELISE MULLER	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	FRANKLIN G KIMBLE	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	FREDERICK W WILKERSON	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	HAROLD W HUGGINS	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	JAMES O UPODEGRAFF	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	KORRY E KIMBLE	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	JOHN MATTHEW HUGGINS SR	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	JOSEPH F GOBLOWSKY	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	ROYCE A MOORE	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	LOIS J BUSH	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	MARIE W UPODEGRAFF	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	MICHAEL A UPODEGRAFF	UNLEASED	NA	NA	NA														**FORCE POOL**
FORCE POOL	12-7-22	F	MARKEY FOX	UNLEASED	NA	NA	NA														**FORCE POOL**

10*23297	12-2-21	X	JUDITH A WILLIAMS	TH EXPLORATION LLC	1/8+	211A	228	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
119742006	12-2-21	X	CHERYL ANN COCHRAN	ANTERO RESOURCES CORPORATION	1/8+	174A	198	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
119742010	12-2-21	X	GARY YONG	ANTERO RESOURCES CORPORATION	1/8+	171A	500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
119742001	12-2-21	X	GREENALEE COZART	STONE ENERGY CORPORATION	1/8+	166A	851	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corp to EQT Production Company 183A/205
119742015	12-2-21	X	IMA LEE YONG	ANTERO RESOURCES CORPORATION	1/8+	172A	153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
119742014	12-2-21	X	JAMES D & LISHA M POTTS	EQT PRODUCTION COMPANY	1/8+	249A	338	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
119742009	12-2-21	X	LAWRENCE E YONG	ANTERO RESOURCES CORPORATION	1/8+	172A	501	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
119742002	12-2-21	X	MICHAEL KENNETH & ROSETTA ANNETTA COZART	ANTERO RESOURCES CORPORATION	1/8+	170A	54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
119742011	12-2-21	X	RICHARD YONG	ANTERO RESOURCES CORPORATION	1/8+	171A	840	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
119742014	12-2-21	X	TAMMY JO EDGEHILL	EQT PRODUCTION COMPANY	1/8+	250A	884	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22571	12-2-18	AA	LINDA M YONG	TH EXPLORATION LLC	1/8+	209A	781	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23019	12-2-18	AA	JODELYN PALLEY	TH EXPLORATION LLC	1/8+	209A	228	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 28, 2023
10*23186	12-2-18	AA	RUONEY C AND MARY SUF BAXTER	TH EXPLORATION LLC	1/8+	210A	401	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23191	12-2-18	AA	MARY JO KIBBEE AND VINCENT KIBBEE II	TH EXPLORATION LLC	1/8+	210A	613	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23297	12-2-18	AA	JUDITH A WILLIAMS	TH EXPLORATION LLC	1/8+	213A	228	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23745	12-2-18	AA	JENNIFER ANN YONG	TH EXPLORATION LLC	1/8+	213A	699	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24900	12-2-18	AA	NINA K AND RONALD D ALINOFF	TH EXPLORATION LLC	1/8+	225A	778	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25362	12-2-18	AA	STARLA K RICHMOND	TH EXPLORATION LLC	1/8+	247A	282	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*30216	12-2-18	AA	STONE HILL MINERALS HOLDINGS, LLC	TH EXPLORATION LLC	1/8+	254A	335	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*39263	12-2-18	AA	JANE ELLEN MARCUM	TH EXPLORATION LLC	1/8*	261A	124	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39276	12-2-18	AA	THE PLYETT TRUST VICKI M FERRIS TRUSTEE	TH EXPLORATION LLC	3/8*	261A	880	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39431	12-2-18	AA	TOOD J AND HEATHER R COZART	TH EXPLORATION LLC	1/8*	269A	616	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39458	12-2-18	AA	KEMNAS SMOYER	TH EXPLORATION LLC	1/8*	269A	618	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39568	12-2-18	AA	MICHAEL K AND ROSETTA A COZART	TH EXPLORATION LLC	1/8*	212A	919	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
119742008	12-2-18	AA	CHERYL ANN COCHRAN FKA CHERYL ANN RICHMOND	ANTERO RESOURCES CORPORATION	3/8*	173A	198	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
119742004	12-2-18	AA	CHRISTA JO DAVIES FKA CHRISTA JO YONG	ANTERO RESOURCES CORPORATION	1/8*	172A	603	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
119742010	12-2-18	AA	GARY YONG	ANTERO RESOURCES CORPORATION	1/8*	173A	500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
119742006	12-2-18	AA	GLENNAE COZART	ANTERO RESOURCES CORPORATION	3/8*	171A	854	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
119742015	12-2-18	AA	TRIA LEE YONG	ANTERO RESOURCES CORPORATION	1/8*	172A	453	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
119742013	12-2-18	AA	JAMIE D POTTS AND ISHMAEL POTTS	EQT PRODUCTION COMPANY	3/8*	249A	138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
119742009	12-2-18	AA	LAWRENCE F YONG	ANTERO RESOURCES CORPORATION	1/8*	173A	503	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
119742003	12-2-18	AA	NOEL S YONG	ANTERO RESOURCES CORPORATION	1/8*	172A	608	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
119742011	12-2-18	AA	RICHARD YONG	ANTERO RESOURCES CORPORATION	1/8*	171A	840	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
119742014	12-2-18	AA	JANNEY JO EDGEHILL	EQT PRODUCTION COMPANY	1/8*	250A	384	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
119742005	12-2-18	AA	THOMAS S YONG	ANTERO RESOURCES CORPORATION	3/8*	173A	505	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
10*18136	12-2-11	CC	ED BROOME INC	TH EXPLORATION LLC	1/8*	196A	718	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22229	12-2-11	CC	MURIEL A MILLER	TH EXPLORATION LLC	1/8*	204A	150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22230	12-2-11	CC	BOHN P SWYDER	TH EXPLORATION LLC	1/8*	204A	146	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*23007	12-2-11	CC	JOHN M PARSONS & ANTONIETTE L COSENTINO	TH EXPLORATION LLC	1/8*	209A	287	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23512	12-2-11	CC	VIVIAN A PARSONS	TH EXPLORATION LLC	1/8*	212A	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23824	12-2-11	CC	JAMES H PARSONS III	TH EXPLORATION LLC	1/8*	215A	262	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24100	12-2-11	CC	MOORE PRESBYTERIAN CHURCH OF PROCTORVILLE	TH EXPLORATION LLC	1/8*	216A	422	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24148	12-2-11	CC	ROY C PARSONS	TH EXPLORATION LLC	1/8*	212A	517	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24376	12-2-11	CC	WVD LEMON	TH EXPLORATION LLC	1/8*	218A	504	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24472	12-2-11	CC	ROY FRIED YOKO	TH EXPLORATION LLC	1/8*	219A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25359	12-2-11	CC	MAZON A AND DENINA M BEGLEY	TH EXPLORATION LLC	1/8*	222A	468	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25720	12-2-11	CC	CATHALYNN BEGLEY	TH EXPLORATION LLC	1/8*	223A	526	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26574	12-2-11	CC	JACQUELEEN R ROSA	TH EXPLORATION LLC	1/8*	224A	505	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26575	12-2-11	CC	ALANNA E HAMILTON	TH EXPLORATION LLC	1/8*	214A	502	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26942	12-2-11	CC	SHERRY L FEE	TH EXPLORATION LLC	1/8*	226A	412	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27146	12-2-11	CC	JULIE P AND DOUGLAS A SIMMONS	TH EXPLORATION LLC	1/8*	228A	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27149	12-2-11	CC	NEIL D PATTERSON JR & THERESA PATTERSON	TH EXPLORATION LLC	1/8*	228A	186	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27310	12-2-11	CC	CLARK E AND MALYSA D PATTERSON	TH EXPLORATION LLC	1/8*	228A	192	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*28423	12-2-11	CC	ROBERT G JEWELL	TH EXPLORATION LLC	1/8-	236A	838	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*29189	12-2-11	CC	DWAYNE EARL BEGLEY	TH EXPLORATION LLC	3/8-	245A	311	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*29327	12-2-11	CC	MICHAEL V AND LINDA D PARSONS	TH EXPLORATION LLC	1/8-	285A	567	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*29699	12-2-11	CC	EDWARD A BROOME	TH EXPLORATION LLC	1/8-	271A	876	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40367	12-2-11	CC	LAURA LEE RICHARDS COOK	TH EXPLORATION LLC	3/8-	289A	725	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40391	12-2-11	CC	MASON ENERGY LLC	TH EXPLORATION LLC	1/8-	290A	166	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40499	12-2-11	CC	ALDAME MINERALS LLP	TH EXPLORATION LLC	3/8-	292A	337	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41251	12-2-11	CC	HAMMETT LAND & MINERALS LLC	TH EXPLORATION LLC	1/8-	204A	182	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41455	12-2-11	CC	JEFFREY J MCGLOWE	TH EXPLORATION LLC	3/8-	322A	459	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41456	12-2-11	CC	EELLY M MCGLOWE	TH EXPLORATION LLC	3/8-	322A	456	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41467	12-2-11	CC	STEVEN M AND ROSEMARIE MCGLOWE	TH EXPLORATION LLC	1/8-	325A	129	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
139496020	12-2-11	CC	CAROL ELLEN MORSE	EQT PRODUCTION COMPANY	3/8-	212A	241	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
139496017	12-2-11	CC	DOROTHY JOANNE HAAS	EQT PRODUCTION COMPANY	3/8-	212A	861	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
139496022	12-2-11	CC	OGORPHY PYATT LEWIS	ANTERO RESOURCES CORPORATION	1/8-	175A	515	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
139496021	12-2-11	CC	DWIG ONL & GAS ACQUISITIONS LLC	ANTERO RESOURCES CORPORATION	1/8-	187A	555	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
139496018	12-2-11	CC	JO ANDRESCAN COMBS	EQT PRODUCTION COMPANY	3/8-	219A	237	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
139496019	12-2-11	CC	JOHN PHILIP POWERS	EQT PRODUCTION COMPANY	1/8-	219A	284	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*41674	12-2-11	CC	TOM R WARINSKY	TH EXPLORATION LLC	3/8-	327A	51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2024
FORCE POOL	12-2-11	CC	STONE HILL MINERALS HOLDINGS LLC	UNLEASED	N/A	N/A	N/A													
FORCE POOL	12-2-11	CC	BENNETH JAMES PARSONS	UNLEASED	N/A	N/A	N/A													
139496026	12-2-11	CC	LENORA SHELTON	ANTERO RESOURCES CORPORATION	3/8-	175A	527	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22

13949623	12-2-11	CC	MARNA LOWMOORE	ANTERO RESOURCES CORPORATION	1/8-	175A	519	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
FORCE POOL	12-2-11	CC	PAM ISOM	UNLEASED	NA	NA	NA														
13949625	12-2-11	CC	PATRICIA MAE SHAWER	ANTERO RESOURCES CORPORATION	3/8-	175A	406	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
FORCE POOL	12-2-11	CC	REBECCA J HARRILL AKA REBECCA J ANTIBUS	UNLEASED	NA	NA	NA														
13949626	12-2-11	CC	ROSE MARIE BARKER	ANTERO RESOURCES CORPORATION	3/8-	175A	509	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
FORCE POOL	12-2-11	CC	SHANNON HEMINGWAY	UNLEASED	NA	NA	NA														
13949607	12-2-11	CC	TERRY W GILBERT	STONE ENERGY CORPORATION	1/8-	144A	325	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corp to EQT Production Company 183A/305
13949604	12-2-11	CC	VICTORIA MCCLUNOCK	STONE ENERGY CORPORATION	1/8-	142A	531	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corp to EQT Production Company 183A/305
13949630	12-2-11	CC	MASTER MINERAL HOLDINGS II, LP	EQT PRODUCTION COMPANY	3/8-	275A	33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13949639	12-2-12	DD	MASTER MINERAL HOLDINGS II, LP	EQT PRODUCTION COMPANY	3/8-	275A	33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27149	12-2-12	DD	NEIL D PATTERSON JR & THERESA PATTERSON	TH EXPLORATION LLC	1/8-	228A	176	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18336	12-2-12	DD	ED BROOME INC	TH EXPLORATION LLC	1/8-	198A	718	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22224	12-2-12	DD	HMMYET1 LAND & MINERALS LLC	TH EXPLORATION LLC	3/8-	204A	178	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22229	12-2-12	DD	MURIEL A MILLER	TH EXPLORATION LLC	1/8-	204A	150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22230	12-2-12	DD	JOHN P SYDNER	TH EXPLORATION LLC	3/8-	204A	146	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23007	12-2-12	DD	JOHN M PARSONS BLANQUINETTE L COSTANTINO	TH EXPLORATION LLC	1/8-	209A	287	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23512	12-2-12	DD	VIVIAN A PARSONS	TH EXPLORATION LLC	1/8-	222A	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23824	12-2-12	DD	JAMES H PARSONS III	TH EXPLORATION LLC	1/8-	215A	282	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24100	12-2-12	DD	ROMAN PRESBYTERIAN CHURCH OF ANDOVERVILLE	TH EXPLORATION LLC	1/8-	216A	422	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24148	12-2-12	DD	ROY C PARSONS	TH EXPLORATION LLC	3/8-	212A	517	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24376	12-2-12	DD	W D LEMMON	TH EXPLORATION LLC	3/8-	218A	504	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*24472	12-2-12	DD	ROY FRIEND YOHO	TH EXPLORATION LLC	1/8*	219A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 24, 2023
10*25359	12-2-12	DD	MASON A BEGLEY AND DENINA M BEGLEY	TH EXPLORATION LLC	1/8*	222A	468	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 29, 2023
10*25720	12-2-12	DD	CATHRA LYNN BEGLEY	TH EXPLORATION LLC	1/8*	223A	526	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26574	12-2-12	DD	JACQUELENN R KOSKI	TH EXPLORATION LLC	1/8*	224A	505	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26575	12-2-12	DD	ALANNA L HAMILTON	TH EXPLORATION LLC	1/8*	224A	502	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26942	12-2-12	DD	SHERRY L FEE	TH EXPLORATION LLC	1/8*	226A	412	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27146	12-2-12	DD	JULIE P AND DONALD S SIMMONS	TH EXPLORATION LLC	1/8*	228A	189	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27149	12-2-12	DD	NEIL D PATTERSON JR & THENESA PATTERSON	TH EXPLORATION LLC	1/8*	228A	186	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27310	12-2-12	DD	CLARE E AND MALISSA D PATTERSON	TH EXPLORATION LLC	1/8*	228A	192	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28421	12-2-12	DD	ROBERT G JEWELL	TH EXPLORATION LLC	1/8*	226A	888	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*29189	12-2-12	DD	DWAYNE EARL BEGLEY	TH EXPLORATION LLC	1/8*	265A	371	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 4 to Certificate of Formation dated August 23, 2023
10*29327	12-2-12	DD	MICHAEL V AND LINDA D PARSONS	TH EXPLORATION LLC	1/8*	285A	567	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*29899	12-2-12	DD	EDWARD A BROOME	TH EXPLORATION LLC	1/8*	273A	876	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40367	12-2-12	DD	LAURA LEE RICHARDS COOK	TH EXPLORATION LLC	1/8*	289A	725	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40991	12-2-12	DD	MASON ENERGY LLC	TH EXPLORATION LLC	1/8*	290A	160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*4099	12-2-12	DD	TALEDALE MINERALS # LP	TH EXPLORATION LLC	1/8-	292A	937	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*4155	12-2-12	DD	JEFFREY J MCGLONE	TH EXPLORATION LLC	1/8-	322A	459	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41456	12-2-12	DD	KELLY M MCGLONE	TH EXPLORATION LLC	1/8-	322A	456	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41467	12-2-12	DD	STEVEN M AND ROSEMARIE MCGLONE	TH EXPLORATION LLC	1/8-	325A	279	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
139496020	12-2-12	DD	CARRIE ELLEN MORSE	EQT PRODUCTION COMPANY	1/8-	219A	241	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
139496017	12-2-12	DD	DOROTHY JOHNNIE HAAK	EQT PRODUCTION COMPANY	1/8-	232A	861	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
139496022	12-2-12	DD	DOROTHY PHYATT LEWIS	ANTERO RESOURCES CORPORATION	1/8-	175A	911	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
139496021	12-2-12	DD	EDWIG OIL & GAS ACQUISITIONS LLC	ANTERO RESOURCES CORPORATION	1/8-	187A	555	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company 231A/22
139496018	12-2-12	DD	JO ANDERSON CURWIS	EQT PRODUCTION COMPANY	1/8-	219A	237	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
139496019	12-2-12	DD	JOHN PHILIP HOWSER	EQT PRODUCTION COMPANY	1/8-	219A	234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*41674	12-2-12	DD	JOHN R WASSINSKY	TH EXPLORATION LLC	1/8-	327A	51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
FORCE POOL	12-2-12	DD	STONE HILL MINERALS HOLDINGS LLC	UNRELEASED	NA	NA	NA													
FORCE POOL	12-2-12	DD	KENNETH JAMES PARSONS	UNRELEASED	NA	NA	NA													
FORCE POOL	12-2-12	DD	LEONORA SHELTON	ANTERO RESOURCES CORPORATION	1/8-	175A	527	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
139496023	12-2-12	DD	MONA LOU MOORE	ANTERO RESOURCES CORPORATION	1/8-	175A	519	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
FORCE POOL	12-2-12	DD	PAM ISOM	UNRELEASED	NA	NA	NA													
139496025	12-2-12	DD	PATRICIA MAE SMITH	ANTERO RESOURCES CORPORATION	1/8-	175A	806	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
FORCE POOL	12-2-12	DD	REBECCA J HARBRELL ANA REBECCA I ANTIBUS	UNRELEASED	NA	NA	NA													
139496024	12-2-12	DD	ROSE MARIE BARKER	ANTERO RESOURCES CORPORATION	1/8-	175A	509	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Antero Resources Corporation to EQT Production Company: 231A/22
FORCE POOL	12-2-12	DD	SHANNON HELMINGWAY	UNRELEASED	NA	NA	NA													
139496002	12-2-12	DD	TERRY W GIBBERT	STONE ENERGY CORPORATION	1/8-	143A	325	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corp to EQT Production Company: 183A/205
139496004	12-2-12	DD	VICTORIA MCCLINTOCK	STONE ENERGY CORPORATION	1/8-	143A	531	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corp to EQT Production Company: 183A/205
10*27159	12-2-12	DD	NEIL D PATTERSON JR & SHERISA PATTERSON	TH EXPLORATION LLC	1/8-	278A	176	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18336	12-2-10	FF	ED BROADBENT INC	TH EXPLORATION LLC	1/8-	198A	718	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18556	12-2-10	FF	MANITA AND CROCODA HOLDING COMPANY	TH EXPLORATION LLC	1/8-	188A	497	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*22219	12-2-10	FF	PAUL D MASON	TH EXPLORATION LLC	1/8-	202A	834	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22229	12-2-10	FF	MUREL A MILLER	TH EXPLORATION LLC	3/8-	204A	150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22230	12-2-10	FF	JOHN P SHYDER	TH EXPLORATION LLC	1/8-	204A	146	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23007	12-2-10	FF	JOHN M PARSONS & ANTONETTE L CUSTANTINO	TH EXPLORATION LLC	1/8-	209A	287	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23256	12-2-10	FF	KEVIN PARSONS	TH EXPLORATION LLC	1/8-	209A	225	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23512	12-2-10	FF	JYVIAN A PARSONS	TH EXPLORATION LLC	1/8-	212A	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23824	12-2-10	FF	JAMES H PARSONS JR	TH EXPLORATION LLC	1/8-	215A	262	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24148	12-2-10	FF	ROY C PARSONS	TH EXPLORATION LLC	1/8-	212A	517	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24326	12-2-10	FF	WD LENNON	TH EXPLORATION LLC	1/8-	218A	504	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24772	12-2-10	FF	ROY FRIEND VOHO	TH EXPLORATION LLC	1/8-	219A	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24620	12-2-10	FF	COLE D MASON	TH EXPLORATION LLC	1/8-	211A	854	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24681	12-2-10	FF	ORLEY W DAVIS, JR	TH EXPLORATION LLC	1/8-	219A	570	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24732	12-2-10	FF	JEFFREY SMITH AND LESLIE SMITH	TH EXPLORATION LLC	1/8-	220A	23	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24754	12-2-10	FF	WILLIAM M GREENE	TH EXPLORATION LLC	1/8-	220A	44	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24755	12-2-10	FF	JOHNNY P GREENE	TH EXPLORATION LLC	1/8-	471	222A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*25013	12-2-10	FF	KENNETH WAYNE & LANA FRETZ MASON	TH EXPLORATION LLC	1/8*	221A	311	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25014	12-2-10	FF	RICHARD JOSEPH & VICKY ANNA MASON	TH EXPLORATION LLC	1/8*	221A	307	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25114	12-2-10	FF	LISA SUTPHIN	TH EXPLORATION LLC	1/8*	222A	123	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*29243	12-2-10	FF	HARRY L WILLIAMS AND ROBERTA L WILLIAMS	TH EXPLORATION LLC	1/8*	246A	493	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*29273	12-2-10	FF	LILLIAN GALLAGHER	TH EXPLORATION LLC	1/8*	246A	917	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*39899	12-2-10	FF	EDWARD A BROOME	TH EXPLORATION LLC	1/8*	273A	376	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40351	12-2-10	FF	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8*	282A	425	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40367	12-2-10	FF	LAURA LEE RICHARDS COOK	TH EXPLORATION LLC	1/8*	289A	725	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40391	12-2-10	FF	MASON ENERGY LLC	TH EXPLORATION LLC	1/8*	290A	160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40785	12-2-10	FF	ALICE J PRATKO	TH EXPLORATION LLC	1/8*	298A	191	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41089	12-2-10	FF	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8*	305A	239	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41250	12-2-10	FF	HAMMETT LAYD & MINERALS LLC	TH EXPLORATION LLC	1/8*	204A	184	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41497	12-2-10	FF	ALF T AND CHERYL ANN MOORE	TH EXPLORATION LLC	1/8*	125A	233	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*41505	12-2-10	FF	VICKIE NOLAN	TH EXPLORATION LLC	1/8*	325A	454	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
PENDING	12-2-10	FF	MARION DAVIS	TH EXPLORATION LLC	1/8*	323A	317	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
FORCE POOL	12-2-10	FF	EIGHTHING CREEK HOLDINGS, LP	UNRELEASED	N/A	N/A	N/A														**FORCE POOL**

139496011	12-2-10	FF	DANNY DAVIS JR AND JENNIFER DAVIS	STONE ENERGY CORPORATION	1/8+	143A	527	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corp to EQT Production Company 183A/305	
139496017	12-2-10	FF	DOROTHY JOHANE KRAS	EQT PRODUCTION COMPANY	1/8+	212A	561	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
139496021	12-2-10	FF	EDWG OIL & GAS ACQUISITIONS LLC	ANTERIO RESOURCES CORPORATION	1/8+	187A	555	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Anterio Resources Corporation to EQT Production Company 231A/77
139496013	12-2-10	FF	KATHERINE J MCGUANE	STONE ENERGY CORPORATION	1/8+	141A	505	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corp to EQT Production Company 183A/305
10*40351	12-2-10	FF	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	282A	435	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
FORCE POOL	12-2-10	FF	BILLY MASON SULLIVAN AKA BILLY J SULLIVAN	UNRELEASED	NA	NA	NA															
10*40304	12-2-13	GG	DANIEL T BOOTH	TH EXPLORATION LLC	1/8+	292A	309	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40455	12-2-13	GG	ERIC JAY BOOTH	TH EXPLORATION LLC	1/8+	292A	307	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*40490	12-2-13	GG	DIANE BETH OVERDORFF	TH EXPLORATION LLC	1/8+	292A	305	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*131451	5-26-12	HH	JASON AND S M PARSONS	SOUTH-PENN OIL COMPANY	1/8+	59	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	South Penn Oil Company to Tri-State Gas Company: 801/50	Tri-State Gas Company to The Manufacturers Light & Heat Company: 244/373	The Manufacturers Light & Heat Company to Hundred Gas Company: 401/89	Diane M Swisher dba Hundred Gas Company: 451/168	Carl D Perkins to Perkins Oil and Gas Inc: 589/77	Perkins Oil & Gas Inc to TH Exploration LLC: 46/190	TH Exploration, LLC to EQT TGH Exploration LLC. Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*14786	5-26-11	JJ	TWILA O WHIKEY	GASTAR EXPLORATION USA INC	1/8+	799	61	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Alnum Marcellus I LLC: 806/1	Name Change - Gastar Exploration USA Inc to Gastar Exploration, Inc: 21/41	Gastar Exploration Inc to TH Exploration II LLC: 16/9	Alnum Marcellus I LLC to TH Exploration II LLC: 43/563	TH Exploration II, LLC to EQT TGH Exploration II LLC. Certificate of Amendment to Certificate of Formation dated August 23, 2023		
10*14792	5-26-11	JJ	TIMOTHY YONG	GASTAR EXPLORATION USA INC	1/8+	799	536	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Alnum Marcellus I LLC: 806/1	Name Change - Gastar Exploration USA Inc to Gastar Exploration, Inc: 21/41	Gastar Exploration Inc to TH Exploration II LLC: 16/9	Alnum Marcellus I LLC to TH Exploration II LLC: 43/563	TH Exploration II, LLC to EQT TGH Exploration II LLC. Certificate of Amendment to Certificate of Formation dated August 23, 2023		
10*14797	5-26-11	JJ	ORVILLE YOUNG	GASTAR EXPLORATION USA INC	1/8+	800	598	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Alnum Marcellus I LLC: 806/1	Name Change - Gastar Exploration USA Inc to Gastar Exploration, Inc: 21/41	Gastar Exploration Inc to TH Exploration II LLC: 16/9	Alnum Marcellus I LLC to TH Exploration II LLC: 43/563	TH Exploration II, LLC to EQT TGH Exploration II LLC. Certificate of Amendment to Certificate of Formation dated August 23, 2023		
10*14827	5-26-11	JJ	ONWARD E BURGE TRUST STEPHEN W BURGE AS TRUSTEE	GASTAR EXPLORATION USA INC	1/8+	876	463	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Alnum Marcellus I LLC: 35/144	Name Change - Gastar Exploration USA Inc to Gastar Exploration, Inc: 21/41	Gastar Exploration Inc to TH Exploration II LLC: 16/9	Alnum Marcellus I LLC to TH Exploration II LLC: 43/563	TH Exploration II, LLC to EQT TGH Exploration II LLC. Certificate of Amendment to Certificate of Formation dated August 23, 2023		
10*14827	5-26-11	JJ	SARAH L BURGE FRUST STEPHEN W BURGE AS TRUSTEE	GASTAR EXPLORATION USA INC	1/8+	876	459	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Alnum Marcellus I LLC: 35/144	Name Change - Gastar Exploration USA Inc to Gastar Exploration, Inc: 21/41	Gastar Exploration Inc to TH Exploration II LLC: 16/9	Alnum Marcellus I LLC to TH Exploration II LLC: 43/563	TH Exploration II, LLC to EQT TGH Exploration II LLC. Certificate of Amendment to Certificate of Formation dated August 23, 2023		
10*14969	5-26-11	JJ	REBECCA S WOOD	GASTAR EXPLORATION USA INC	1/8+	872	719	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Alnum Marcellus I LLC: 35/139	Name Change - Gastar Exploration USA Inc to Gastar Exploration, Inc: 21/41	Gastar Exploration Inc to TH Exploration II LLC: 16/9	Alnum Marcellus I LLC to TH Exploration II LLC: 43/563	TH Exploration II, LLC to EQT TGH Exploration II LLC. Certificate of Amendment to Certificate of Formation dated August 23, 2023		
10*14970	5-26-11	JJ	GRACE EXLINE	GASTAR EXPLORATION USA INC	1/8+	872	623	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Alnum Marcellus I LLC: 35/139	Name Change - Gastar Exploration USA Inc to Gastar Exploration, Inc: 21/41	Gastar Exploration Inc to TH Exploration II LLC: 16/9	Alnum Marcellus I LLC to TH Exploration II LLC: 43/563	TH Exploration II, LLC to EQT TGH Exploration II LLC. Certificate of Amendment to Certificate of Formation dated August 23, 2023		

10*17210	5-26-11	JJ	MARILYN NOEL	GASTAR EXPLORATION USA INC	1/8*	697	393	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Altium Marcellus 1 LLC 23/353	Gastar Exploration USA Inc and Altium Marcellus 1 LLC to Chesapeake Appalachia LLC and Statoil USA Onshore Properties Inc 27/311	Chesapeake Appalachia LLC to SWN Production Company LLC 33/110	Statoil USA Onshore Properties Inc to SWN Exchange Ffllholder LLC 33/424	Merger - SWN Exchange Ffllholder LLC merged with and into SWN Production Company LLC CB 19/624	Statoil USA Onshore Properties Inc to TH Exploration LLC 41/238	SWN Production Company LLC to TH Exploration LLC 41/236	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023		
10*17211	5-26-11	JJ	GARY WAYNE ZESIGER & VICTORIA ZESIGER	GASTAR EXPLORATION USA INC	1/8*	697	397	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Altium Marcellus 1 LLC 23/353	Gastar Exploration USA Inc and Altium Marcellus 1 LLC to Chesapeake Appalachia LLC and Statoil USA Onshore Properties Inc 27/311	Chesapeake Appalachia LLC to SWN Production Company LLC 33/110	Statoil USA Onshore Properties Inc to SWN Exchange Ffllholder LLC 33/424	Merger - SWN Exchange Ffllholder LLC merged with and into SWN Production Company LLC CB 19/624	Statoil USA Onshore Properties Inc to TH Exploration LLC 41/238	SWN Production Company LLC to TH Exploration LLC 41/236	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023		
10*17212	5-26-11	JJ	DARRELL NEWLAND LYDIA NEWLAND	GASTAR EXPLORATION USA INC	1/8*	697	158	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Altium Marcellus 1 LLC 23/353	Gastar Exploration USA Inc and Altium Marcellus 1 LLC to Chesapeake Appalachia LLC and Statoil USA Onshore Properties Inc 27/311	Chesapeake Appalachia LLC to SWN Production Company LLC 33/110	Statoil USA Onshore Properties Inc to SWN Exchange Ffllholder LLC 33/424	Merger - SWN Exchange Ffllholder LLC merged with and into SWN Production Company LLC CB 19/624	Statoil USA Onshore Properties Inc to TH Exploration LLC 41/238	SWN Production Company LLC to TH Exploration LLC 41/236	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023		
10*17213	5-26-11	JJ	CAROL DEEN GARDNER	GASTAR EXPLORATION USA INC	1/8*	697	154	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Altium Marcellus 1 LLC 23/353	Gastar Exploration USA Inc and Altium Marcellus 1 LLC to Chesapeake Appalachia LLC and Statoil USA Onshore Properties Inc 27/311	Chesapeake Appalachia LLC to SWN Production Company LLC 33/110	Statoil USA Onshore Properties Inc to SWN Exchange Ffllholder LLC 33/424	Merger - SWN Exchange Ffllholder LLC merged with and into SWN Production Company LLC CB 19/624	Statoil USA Onshore Properties Inc to TH Exploration LLC 41/238	SWN Production Company LLC to TH Exploration LLC 41/236	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023		
10*18222	5-26-11	JJ	ANTOINE F GERAUD	TH EXPLORATION LLC	1/8*	943	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18114	5-26-11	JJ	DARRELL NEWLAND	TH EXPLORATION LLC	1/8*	927	86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18115	5-26-11	JJ	DONALD R NEWLAND AND SUZANNE NEWLAND	TH EXPLORATION LLC	1/8*	927	73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18275	5-26-11	JJ	BETTY JEAN NEELY	TH EXPLORATION LLC	1/8*	929	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18366	5-26-11	JJ	MARY LOU WILSON AND STANLEY D WILSON MICHAEL WILSON AKA	TH EXPLORATION LLC	1/8*	931	311	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18369	5-26-11	JJ	ERIK ALAN YOHIO AND DONNA M YOHIO	TH EXPLORATION LLC	1/8*	931	303	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18370	5-26-11	JJ	SAMUEL O YOHIO	TH EXPLORATION LLC	1/8*	931	300	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18372	5-26-11	JJ	DAVID N DEVICK TRUSTEE OF THE HONORABLE MASON LIVING TRUST	TH EXPLORATION LLC	1/8*	937	439	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18541	5-26-11	JJ	PATRICK P MCHENRY	TH EXPLORATION LLC	1/8*	933	649	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*18818	5-26-11	JJ	LUCILLE R MCHENRY	TH EXPLORATION LLC	1/8-	937	624	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19486	5-26-11	JJ	BARBARA ANN MAYNARD	TH EXPLORATION LLC	1/8-	943	229	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19540	5-26-11	JJ	ERICA M MASSON	TH EXPLORATION LLC	2/8-	942	51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19543	5-26-11	JJ	ROBERT J BOHAR SA	TH EXPLORATION LLC	1/8-	942	61	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19640	5-26-11	JJ	MARGARET F RICHMOND DEBORAH F DOR POA	TH EXPLORATION LLC	2/8-	944	120	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19641	5-26-11	JJ	BRADFORD D LOWERY & DEBORAH LOWERY	TH EXPLORATION LLC	1/8-	944	122	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19650	5-26-11	JJ	CLAUDIA LOWERY MALLOY	TH EXPLORATION LLC	1/8-	944	99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19652	5-26-11	JJ	JACK R HAMMERS	TH EXPLORATION LLC	2/8-	944	108	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19657	5-26-11	II	JAMET LEE SPARKS	TH EXPLORATION LLC	1/8-	960	440	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19732	5-26-11	JJ	CARL M MCHENRY AND PAMELA MCHENRY	TH EXPLORATION LLC	1/8-	944	469	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19818	5-26-11	II	JAMES MICHAEL VOHO	TH EXPLORATION LLC	1/8-	960	188 442	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19903	5-26-11	JJ	PAUL F HAMMERS	TH EXPLORATION LLC	1/8-	948	736	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*19996	5-26-11	JJ	CHARLES D WOOD	TH EXPLORATION LLC	1/8-	947	589	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21073	5-26-11	JJ	ARDATH R ROSE AND TOMMY E ROSE	TH EXPLORATION LLC	2/8-	951	608	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21074	5-26-11	II	MALCOLM C WOOD AND JOAN J WOOD	TH EXPLORATION LLC	1/8-	951	610	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*21174	5-26-11	JJ	SHAWANN WOOD	TH EXPLORATION LLC	1/8-	952	190	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21419	5-26-11	JJ	DAPHNE HUFMAN AND CHARLES HUFMAN	TH EXPLORATION LLC	1/8-	957	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21431	5-26-11	JJ	GARY WAYNE ZESGER & VITORINA ZESGER	TH EXPLORATION LLC	1/8-	957	57	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21496	5-26-11	JJ	CECASH D NEWLAND	TH EXPLORATION LLC	1/8-	957	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21439	5-26-11	JJ	IN VIRGINIA & EDWARD C MARSH	TH EXPLORATION LLC	1/8-	957	53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21469	5-26-11	JJ	DORIS BERT S DENNY AND JAMES I DENNY	TH EXPLORATION LLC	1/8-	957	244	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21471	5-26-11	JJ	RICHARD ROSS WILSON	TH EXPLORATION LLC	1/8-	960	190	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21620	5-26-11	JJ	ROBERT CRAIG MONTGOMERY AND CYNTHIA R MONTGOMERY	TH EXPLORATION LLC	1/8-	959	496	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21621	5-26-11	JJ	MARILYN NOEL	TH EXPLORATION LLC	1/8-	959	494	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21658	5-26-11	JJ	CLARENCE RICHARD ZESGER & MARY ZESGER	TH EXPLORATION LLC	1/8-	958	490	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21659	5-26-11	JJ	DEBORAH BALOUGH	TH EXPLORATION LLC	1/8-	958	392	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21660	5-26-11	JJ	PAMELA DRAZIC AND JEFFREY DRAZIC	TH EXPLORATION LLC	1/8-	958	390	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21830	5-26-11	JJ	MARISSA MASON	TH EXPLORATION LLC	1/8-	960	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21831	5-26-11	JJ	MATTHEW MASON	TH EXPLORATION LLC	1/8-	966	322	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21834	5-26-11	JJ	GEORGE DANIEL BRUGER	TH EXPLORATION LLC	1/8-	960	204	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQ1 EGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*21944	5-24-11	JJ	JILA BECK	TH EXPLORATION LLC	1/8-	960	101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21947	5-25-11	JJ	WALACE LYNN WENDEL	TH EXPLORATION LLC	1/8-	965	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22007	5-26-11	JJ	DEBORAH E. KLIMASZEWSKI AND FRANK KLIMASZEWSKI	TH EXPLORATION LLC	1/8-	959	492	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22008	5-26-11	JJ	COLIN B YOHIO AND NORMA L YOHIO	TH EXPLORATION LLC	1/8-	951	304	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22025	5-26-11	JJ	MARK EUGENE YOHIO & MARY YOHIO	TH EXPLORATION LLC	1/8-	960	344	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22031	5-26-11	JJ	PHILIP YOHIO AND PATRICIA YOHIO	TH EXPLORATION LLC	1/8-	960	595	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 7 to Certificate of Formation dated August 23, 2023
10*22032	5-26-11	JJ	JOHANE & RAY	TH EXPLORATION LLC	1/8-	960	537	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22106	5-26-11	JJ	SABRY RAY HAJOURI	TH EXPLORATION LLC	1/8-	954	643	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22129	5-26-11	JJ	EMILCE V HAUDENSCHILF	TH EXPLORATION LLC	1/8-	961	498	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22137	5-26-11	JJ	CONNIE L NEELY	TH EXPLORATION LLC	1/8-	961	406	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22285	5-26-11	D	DONALD JAMES WILSON AND SANDY L WILSON	TH EXPLORATION LLC	1/8-	962	193	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22134	5-26-11	JJ	JOHN BRYANT	TH EXPLORATION LLC	1/8-	962	540	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22434	5-26-11	JJ	ERWIN NELSON WOOD	TH EXPLORATION LLC	1/8-	963	617	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22441	5-26-11	JJ	APRIL ROSE POSTLETHWAIT	TH EXPLORATION LLC	1/8-	963	646	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22510	5-26-11	JJ	DONNA W YOHIO	TH EXPLORATION LLC	1/8-	964	432	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*22561	5-26-11	JJ	MARY ROSE YONG	TH EXPLORATION LLC	1/8*	968	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22562	5-26-11	JJ	HAROLD C. SIMMONS	TH EXPLORATION LLC	1/8*	966	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22563	5-26-11	JJ	KIMBERLY D STRAUCH	TH EXPLORATION LLC	1/8*	966	532	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22585	5-26-11	JJ	CYNTHIA C. CHICK	TH EXPLORATION LLC	1/8*	966	102	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22718	5-26-11	JJ	WILLIAM R. RICHMOND AND CONNIE S. RICHMOND	TH EXPLORATION LLC	1/8*	963	189	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23042	5-26-11	JJ	MARK A YONG	TH EXPLORATION LLC	1/8*	1012	191	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23372	5-26-11	JJ	DAWEY A MILICA	TH EXPLORATION LLC	1/8*	1068	320	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23373	5-26-11	JJ	DANA MILICA WIMPHREYS	TH EXPLORATION LLC	1/8*	988	429	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23446	5-26-11	JJ	NICOLE STANLUCIA BLOODWORTH	TH EXPLORATION LLC	1/8*	1008	316	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23669	5-26-11	JJ	LINDA K TOTTEN AND JERRY STEPHEN TOTTEN	TH EXPLORATION LLC	1/8*	1010	358	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24003	5-26-11	JJ	CHARLES SIBURT AND PAULA SIBURT	TH EXPLORATION LLC	1/8*	1020	193	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24291	5-26-11	JJ	MARY MARTHA BILIE DUPLI	TH EXPLORATION LLC	1/8*	1024	285	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24491	5-26-11	JJ	DENSE A GALE	TH EXPLORATION LLC	1/8*	1008	324	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24890	5-26-11	JJ	DEBRA JANE GALT	TH EXPLORATION LLC	1/8*	1021	322	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25065	5-26-11	JJ	COLBY G WOOD	TH EXPLORATION LLC	1/8*	1027	101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*25066	5-26-13	JJ	RODGER A HENDERSON JR	TH EXPLORATION LLC	1/8-	1077	37	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 3 to Certificate of Formation dated August 23, 2023			
10*25627	5-26-11	JJ	CHESTNUT HOLDINGS LLC	TH EXPLORATION LLC	1/8-	1034	548	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023			
10*27078	5-26-11	JJ	CECILIA D NEWLAND	GASTAR EXPLORATION USA INC	1/8-	697	181	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Aluminum Marcellus LLC 23/153	Gastar Exploration USA Inc and Aluminum Marcellus LLC to Chesapeake Appalachia LLC and Statoil USA Onshore Properties Inc 27/311	Chesapeake Appalachia LLC to SWN Production Company LLC 33/110	Statoil USA Onshore Properties Inc to SWN Exchange Titledholder LLC 33/424	Merger - SWN Exchange Titledholder LLC merged with and into SWN Production Company LLC - CB 19/624	Name Change - Statoil USA Onshore Properties Inc changed its name to Equator USA Onshore Properties Inc 2/427	SWN Production Company LLC to TH Exploration LLC 44/141	Equator USA Onshore Properties Inc to TH Exploration LLC 44/147	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*27083	5-26-11	JJ	DAPHNE HUFFMAN AND CHARLES HUFFMAN	GASTAR EXPLORATION USA INC	1/8-	697	883	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Aluminum Marcellus LLC 23/153	Gastar Exploration USA Inc and Aluminum Marcellus LLC to Chesapeake Appalachia LLC and Statoil USA Onshore Properties Inc 27/311	Chesapeake Appalachia LLC to SWN Production Company LLC 33/110	Statoil USA Onshore Properties Inc to SWN Exchange Titledholder LLC 33/424	Merger - SWN Exchange Titledholder LLC merged with and into SWN Production Company LLC - CB 19/624	Name Change - Statoil USA Onshore Properties Inc changed its name to Equator USA Onshore Properties Inc 2/427	SWN Production Company LLC to TH Exploration LLC 44/141	Equator USA Onshore Properties Inc to TH Exploration LLC 44/147	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*27086	5-26-11	JJ	DONALD R NEWLAND AND SUZANNE NEWLAND	GASTAR EXPLORATION USA INC	1/8-	698	639	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Aluminum Marcellus LLC 23/153	Gastar Exploration USA Inc and Aluminum Marcellus LLC to Chesapeake Appalachia LLC and Statoil USA Onshore Properties Inc 27/311	Chesapeake Appalachia LLC to SWN Production Company LLC 33/110	Statoil USA Onshore Properties Inc to SWN Exchange Titledholder LLC 33/424	Merger - SWN Exchange Titledholder LLC merged with and into SWN Production Company LLC - CB 19/624	Name Change - Statoil USA Onshore Properties Inc changed its name to Equator USA Onshore Properties Inc 2/427	SWN Production Company LLC to TH Exploration LLC 44/141	Equator USA Onshore Properties Inc to TH Exploration LLC 44/147	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 7 to Certificate of Formation dated August 21, 2023	
10*27114	5-26-11	JJ	PIKEWOOD ENERGY CORPORATION AN OHIO CORPORATION	TH EXPLORATION LLC	1/8-	1060	572	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023			
10*27959	5-26-11	JJ	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8-	1063	594	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 21, 2023			
10*14723	5-26-9	LL	HERBERT D MINOR	TRIENBERG HOLDINGS, LLC	1/8-	224	202	N/A	N/A	N/A	N/A	N/A	N/A	Trienberg Holdings LLC to NPAR LLC 25/163	N/A	N/A	N/A	NPAR LLC to Chevron USA Inc 26/769	NPAR LLC to Chevron USA Inc 26/307	Chevron USA Inc to Gastar Exploration Inc & Aluminum Marcellus LLC 33/355	Gastar Exploration Inc to TH Exploration II LLC 36/9	Aluminum Marcellus LLC to TH Exploration II LLC 43/563	TH Exploration II, LLC to EQT TGM Exploration II LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*14816	5-26-8	LL	DWS OIL AND GAS ACQUISITIONS LLC	STONE ENERGY CORPORATION	1/8-	787	49	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corporation to Gastar Exploration Inc & Aluminum Marcellus LLC 33/313	Gastar Exploration Inc to TH Exploration II LLC 36/9	Aluminum Marcellus LLC to TH Exploration II LLC 43/563	TH Exploration II, LLC to EQT TGM Exploration II LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*14797	5-26-8	JJ	ORVILLE YOUNG	GASTAR EXPLORATION USA INC	1/8-	800	596	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gastar Exploration USA Inc to Aluminum Marcellus LLC 30/63	Merger - Gastar Exploration USA Inc merged with and into Gastar Exploration Inc 18/141	Gastar Exploration Inc to TH Exploration II LLC 36/9	Aluminum Marcellus LLC to TH Exploration II LLC 43/563	TH Exploration II, LLC to EQT TGM Exploration II LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18681	5-26-9	LL	RICHARD WHITE II & GLORIA J WHITE	TH EXPLORATION LLC	1/8-	936	513	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18757	5-26-8	LL	CLAUDIA R SCHEEHL	TH EXPLORATION LLC	1/8-	938	464	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18758	5-26-8	LL	SHIRLEY M DORSEY AND WILLIAM DORSEY	TH EXPLORATION LLC	1/8-	938	466	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*18759	5-26-9	LL	SHARON L YOHIO	TH EXPLORATION LLC	1/8-	938	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGM Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

10*18947	5-26-9	LL	CHARLES ROBERT MYERS	TH EXPLORATION LLC	1/8*	940	129	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*19719	5-26-9	LL	SHIRLEY K WHITE	TH EXPLORATION LLC	1/8*	944	581	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*22410	5-26-9	LL	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8*	979	193	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*25623	5-26-9	LL	CHESTNUT HOLDINGS INC	TH EXPLORATION LLC	1/8*	1034	556	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*14772	5-26-8	MM	HERBERT D MINOR	TH ENERGY HOLDINGS, LLC	1/8*	724	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TriEnergy Holdings LLC to NPAR LLC 25/463	NPAR LLC to Chevron USA Inc 26/269	NPAR LLC to Chevron USA Inc 156/307	Chevron USA Inc to Gostar Exploration Inc & Atium Marcellus I LLC 32/355	Gostar Exploration Inc to TH Exploration II LLC 36/9	Atium Marcellus I LLC to TH Exploration II LLC 43/563	TH Exploration II, LLC to EOT TGH Exploration II LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*18826	5-26-8	MM	STONE ENERGY AND GAS ACQUISITIONS LLC	STONE ENERGY CORPORATION	1/8*	767	49	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corporation to Gostar Exploration Inc & Atium Marcellus I LLC 31/111	Gostar Exploration Inc to TH Exploration II LLC 36/9	Atium Marcellus I LLC to TH Exploration II LLC 43/563	TH Exploration II, LLC to EOT TGH Exploration II LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023	
10*14797	5-26-8	MM	ORVILLE YOUNG	GASTAR EXPLORATION USA INC	1/8*	800	598	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gostar Exploration USA Inc to Atium Marcellus I LLC 806/1	Merger - Gostar Exploration USA Inc merged with and into Gostar Exploration Inc NAB 21/41	Gostar Exploration Inc to TH Exploration II LLC 36/9	Atium Marcellus I LLC to TH Exploration II LLC 43/563	TH Exploration II, LLC to EOT TGH Exploration II LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*19641	5-26-8	MM	RICHARD WHITE II & GLORIA I WHITE	TH EXPLORATION LLC	1/8*	936	133	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*38757	5-26-8	MM	CLAUDIA B SCHNEBLE	TH EXPLORATION LLC	1/8*	938	464	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18758	5-26-8	MM	SHIRLEY M DOBSEY AND WILLIAM DOBSEY	TH EXPLORATION LLC	1/8*	938	468	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18759	5-26-8	MM	SHARON L YORK	TH EXPLORATION LLC	1/8*	938	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18947	5-26-8	MM	CHARLES ROBERT MYERS	TH EXPLORATION LLC	1/8*	940	129	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*19719	5-26-8	MM	SHIRLEY K WHITE	TH EXPLORATION LLC	1/8*	944	581	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*22410	5-26-8	MM	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8*	979	193	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*17779	5-26-8	MM	GARY DOBBS AND SUSAN DOBBS	TH EXPLORATION LLC	1/8*	918	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EOT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	

10*25629	5-26-8	MM	CHESTNUT HOLDINGS INC	TH EXPLORATION LLC	1/8*	1034	542	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*17109	5-23-91	RP	ROBERT F BREARY	CEN SAPLARY APPALACHIA LLC	1/8*	716	197	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Statoil USA Onshore Properties Inc 7/9/15	Chesapeake Appalachia LLC to SWN Production Company LLC 12/1/10	Statoil USA Onshore Properties Inc to SWN Exchange Petroleum LLC 11/4/14	Merger - SWN Exchange Titleholder LLC with and into SWN Production Company LLC 08/13/2006	Statoil USA Onshore Properties Inc to TH Exploration LLC 4/17/38	SWN Production Company LLC to TH Exploration LLC 4/17/36	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*14722	5-26-22	RR	HERBERT D LAMON	FIRE ENERGY HOLDINGS, LLC	1/8*	724	200	N/A	N/A	N/A	N/A	N/A	N/A	Fire Energy Holdings LLC to NPAR LLC 2/5/03	NPAR LLC to Chevron USA Inc 2/5/09	NPAR LLC to Chevron USA Inc 7/56/107	Chevron USA Inc to Gaskar Exploration Inc B. Atsum Marcelus I LLC 3/2/14	Gaskar Exploration Inc to TH Exploration II LLC 3/6/9	Atsum Marcelus I LLC to TH Exploration II LLC 4/3/16	TH Exploration II, LLC to EGT TGH Exploration II LLC Certificate of Amendment to Certificate of Formation dated August 24, 2023	
10*14816	5-26-22	RR	DWIG OIL AND GAS ACQUISITIONS LLC	STONE ENERGY CORPORAT UN	1/8*	787	49	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Stone Energy Corporation to Gaskar Exploration Inc B. Atsum Marcelus I LLC 3/1/13	Gaskar Exploration Inc to TH Exploration II LLC 3/6/9	Atsum Marcelus I LLC to TH Exploration II LLC 4/3/16	TH Exploration II, LLC to EGT TGH Exploration II LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023	
10*14797	5-26-22	RR	DRIVELL YOUNG	GASTAR EXPLORATION USA INC	1/8*	800	598	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Gaskar Exploration USA Inc to Atsum Marcelus I LLC 06/1/13	Gaskar Exploration USA Inc merged with and into Gaskar Exploration Inc. MB 2/1/41	Gaskar Exploration Inc to TH Exploration II LLC 3/6/9	Atsum Marcelus I LLC to TH Exploration II LLC 4/3/16	TH Exploration II, LLC to EGT TGH Exploration II LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*18681	5-26-22	RR	RICHARD W WHITE II R. GEORGE WHITE	TH EXPLORATION LLC	1/8*	936	133	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18757	5-26-22	RR	CELAUDIA R SCHEINLE	TH EXPLORATION LLC	1/8*	938	464	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18758	5-26-22	RR	SHIRLEY M DORSEY AND WILLIAM DORSEY	TH EXPLORATION LLC	1/8*	938	468	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18759	5-26-22	RR	SHARON E TOMO	TH EXPLORATION LLC	1/8*	938	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18947	5-26-22	RR	CHARLES ROBERT MYRIS	TH EXPLORATION LLC	1/8*	940	825	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*19719	5-26-22	RR	SHIRLEY K WHITE	TH EXPLORATION LLC	1/8*	944	581	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*22410	5-26-22	RR	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8*	979	193	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*17779	5-26-22	RR	GARY DOBBS AND SUSAN DOBBS	TH EXPLORATION LLC	1/8*	988	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*25629	5-26-22	RR	CHESTNUT HOLDINGS INC	TH EXPLORATION LLC	1/8*	1034	542	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	
10*18343	5-26-7	SS	DOMINION ENERGY TRANSMISSION INC	TH EXPLORATION LLC	1/8*	936	79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EGT TGH Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	

Execution Version

ASSIGNMENT AGREEMENT

This Assignment Agreement (this "**Assignment**") is made and entered into on August 22, 2023 (the "**Closing Date**"), by and between THQ Appalachia I, LLC, a Delaware limited liability company ("**Upstream Assignor**"), and THQ-XcL Holdings I, LLC, a Delaware limited liability company ("**Midstream Assignor**," and together with Upstream Assignor, "**Assignors**"), on the one hand, and EQT Production Company, a Pennsylvania corporation ("**EPC**"), EQT Acquisition HoldCo LLC, a Delaware limited liability company ("**Upstream Assignee**") and EQT Midstream HoldCo LLC, a Delaware limited liability company ("**Midstream Assignee**", and together with Upstream Assignee, "**Assignees**"), on the other hand. EPC, the Assignors and Assignees are each referred to in this Assignment individually as a "**Party**" and together as the "**Parties**." Capitalized terms used but not otherwise defined herein shall have the meanings set forth in that certain Amended and Restated Purchase Agreement, dated as of December 23, 2022 (as the same may be amended and/or amended and restated from time to time, the "**Purchase Agreement**"), by and among Assignors, the Companies, EQT Corporation, EPC and the other parties party thereto.

RECITALS

WHEREAS, Upstream Assignor owns 100% of the issued and outstanding membership interests (such 100% of the issued and outstanding membership interests, the "**Upstream Company Interests**") of THQ Appalachia I Midco, LLC, a Delaware limited liability company (the "**Upstream Company**");

WHEREAS, Midstream Assignor owns 100% of the issued and outstanding membership interests (such 100% of the issued and outstanding membership interests, the "**Midstream Company Interests**," and together with the Upstream Company Interests, the "**Company Interests**") of THQ-XcL Holdings I Midco, LLC, a Delaware limited liability company (the "**Midstream Company**," and together with Upstream Company, the "**Companies**");

WHEREAS, on December 23, 2022, Assignors, the Companies, EQT Corporation, EPC and the other parties party thereto, entered into the Purchase Agreement;

WHEREAS, pursuant to the Purchase Agreement, Assignors have agreed to sell, convey, transfer, assign and deliver to EPC, and EPC has agreed to purchase from Assignors and pay for, the Company Interests, in each case, subject to the terms and conditions of the Purchase Agreement;

WHEREAS, Upstream Assignee and Midstream Assignee are each wholly-owned subsidiaries of EPC;

WHEREAS, EPC desires to assign its right to acquire (i) the Upstream Company Interests to Upstream Assignee, and (ii) the Midstream Company Interests to Midstream Assignee; and

WHEREAS, the Assignees have agreed to accept the assignment of the respective Company Interests as further provided herein.

RECEIVED
Office of Oil and Gas

OCT 20 2023

Wy Department of
Energy and Environmental Protection
01/26/2024

NOW, THEREFORE, in accordance with the Purchase Agreement, in consideration of the mutual covenants and agreements in this Assignment and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

AGREEMENTS

Section 1. *Assignment.*

(a) Effective as of the Closing, and subject to the terms and conditions of this Assignment and the Purchase Agreement, Upstream Assignor hereby sells, conveys, transfers, assigns and delivers to Upstream Assignee the Upstream Company Interests, and Upstream Assignee hereby purchases and accepts the Upstream Company Interests. Upstream Assignor hereby withdraws as the sole member of the Upstream Company (and shall cease to have or exercise any right, title or interest in or to the Upstream Company Interests) and Upstream Assignee is hereby admitted as the sole member of the Upstream Company pursuant to the terms of its limited liability company agreement.

(b) Effective as of the Closing, and subject to the terms and conditions of this Assignment and the Purchase Agreement, Midstream Assignor hereby sells, conveys, transfers, assigns and delivers to Midstream Assignee the Midstream Company Interests, and Midstream Assignee hereby purchases and accepts the Midstream Company Interests. Midstream Assignor hereby withdraws as the sole member of the Midstream Company (and shall cease to have or exercise any right, title or interest in or to the Midstream Company Interests) and Midstream Assignee is hereby admitted as the sole member of the Midstream Company pursuant to the terms of its limited liability company agreement.

Section 2. *Purchase Agreement.* This Assignment is subject, in all respects, to the terms and conditions of the Purchase Agreement, and nothing contained in this Assignment is meant to enlarge, diminish or otherwise alter the terms and conditions of the Purchase Agreement or the Parties', the Companies' and the other parties' respective rights, duties, liabilities and obligations contained therein, which shall survive the execution and delivery of this Assignment pursuant to its terms. To the extent there is a conflict between this Assignment and the Purchase Agreement, the terms of the Purchase Agreement shall control.

Section 3. *Further Cooperation.* Subject to the terms and conditions of this Assignment and the Purchase Agreement, at any time or from time to time after the Closing Date, at any Party's reasonable request, each other Party shall take such other reasonable actions as such requesting Party may reasonably request, at such requesting Party's expense, in order to effectuate the transactions contemplated by this Assignment.

Section 4. *Amendment.* This Assignment may be amended, restated, supplemented or otherwise modified only by an instrument in writing executed by all Parties and expressly identified as an amendment, restatement, supplement or modification.

Section 5. *Assignment.* This Assignment may not be assigned by any Party without the prior written consent of the other Parties. Any assignment made without the consents required hereby shall be void. Subject to the foregoing provisions of this *Section 5*, the terms and

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department
Environmental Protection

provisions of this Assignment shall be binding upon and inure to the benefit of the Parties and their respective successors and permitted assigns.

Section 6. **No Third Party Beneficiary.** The terms and conditions of this Assignment are intended solely for the benefit of the Parties and their respective successors and permitted assigns, and it is not the Parties' intention to confer third party beneficiary rights upon any other Person.

Section 7. **Severability.** If any term or other provision of this Assignment is invalid, illegal or incapable of being enforced by any Law or public policy, all other conditions and provisions of this Assignment shall nevertheless remain in full force and effect so long as the economic or legal substance of the transactions contemplated hereby is not affected in any adverse manner to any Party. Upon such determination that any term or other provision is invalid, illegal or incapable of being enforced, the Parties shall negotiate in good faith to modify this Assignment so as to effect the original intent of the Parties as closely as possible in an acceptable manner to the end that the transactions contemplated hereby are fulfilled to the extent possible.

Section 8. **Counterparts.** This Assignment may be executed in one or more counterparts, each of which, when executed, shall be deemed to be an original and all of which together shall constitute one and the same document. Each Party's delivery of any executed counterpart signature page by facsimile (or electronic .pdf format transmission) is as effective as executing and delivering this Assignment in the presence of the other Parties, and such signature shall be deemed binding for all purposes hereof, without delivery of an original signature being thereafter required.

Section 9. **Governing Law.** This Assignment and any claim, controversy or dispute arising under or related to this Assignment or the transactions contemplated hereby or the rights, duties and relationship of the Parties hereto, shall be governed by and construed and interpreted in accordance with the Laws of the State of Delaware, without giving effect to any conflicts of law principles (whether of the State of Delaware or any other jurisdiction) that would cause the application of the Laws of any jurisdiction other than the State of Delaware.

Section 10. **Deed; Bill of Sale; Assignment.** To the extent required and permitted by applicable Law, this Assignment shall also constitute a "deed," a "bill of sale" or an "assignment" of the Company Interests.

[Signature pages follow.]

RECEIVED
Office of Oil and Gas

OCT 20 2022

WV Department of
Environmental Protection

IN WITNESS WHEREOF, this Assignment has been duly executed by the Parties as of the Closing Date.

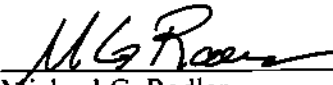
UPSTREAM ASSIGNOR:

THQ Appalachia I, LLC

By: 
Name: Michael G. Radler
Title: Chief Executive Officer

MIDSTREAM ASSIGNOR:

THQ-XcL Holdings I, LLC

By: 
Name: Michael G. Radler
Title: Chief Executive Officer

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

4710303624

EPC:

EQT Production Company

DocuSigned by:
Toby Rice
By: _____
Name: Toby Z. Rice
Title: President

UPSTREAM ASSIGNEE:

EQT Acquisition HoldCo LLC

DocuSigned by:
Toby Rice
By: _____
Name: Toby Z. Rice
Title: President

MIDSTREAM ASSIGNEE:

EQT Midstream HoldCo LLC

DocuSigned by:
Toby Rice
By: _____
Name: Toby Z. Rice
Title: President

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

4710303624

MEMORANDUM OF SURFACE USE AGREEMENT

This Memorandum of Surface Use Agreement ("Memorandum") made this 26 day of May, 2021 by and between Charles Lee & Betty Jean Huggins, husband and wife, whose address is 5352 Palmer Ridge Road, Proctor, WV 26055, (hereinafter collectively called "Surface Owner"), and TH EXPLORATION, LLC, a Texas limited liability company, with an address of 1320 S. University Drive, Suite 500, Fort Worth, TX 76107, (hereinafter called "Company").

WITNESSETH

For and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, Surface Owner did make and execute in favor of Company a Surface Use Agreement (the "Agreement") dated May 25, 2021 and made effective May 25, 2021 which provides for a five (5) year term ("Agreement Term") covering Surface Owner's interest in the following described lands (the "Lands"):

The Lands are located, all or part, in Proctor District, Wetzel County, State of West Virginia, and including lands identified as: 12-8-16, and described for the purposes of this Memorandum as containing 39.19 acres, and Lands located, all or part, in Proctor District, Wetzel County, State of West Virginia, and including all contiguous or appurtenant lands owned by Surface Owner, as described in that certain deed dated July 1, 1987 and recorded in the office of the County Clerk of the aforesaid County in Deed Book, 322-120.

The Company desires to use the portion of Land labeled as "Limit of Disturbance - Pad" and "Limit of Disturbance - Access Road" on the attached Exhibit A for the construction and installation of access roads, drilling pads, tanks, fences, pits and any other facilities or equipment necessary or convenient for the drilling, completion, production, operation, and maintenance of the Company's operations on or off the Land as well as to lay, maintain, excavate, construct, survey, re-construct, operate, tie into, inspect, enlarge, repair, replace, alter, clear trees and other obstructions, and remove, one or more above and/or below ground pipelines, whether permanent or temporary, with fittings and appliances, for the transportation of potable and non-potable fresh water, produced water, completion backflow water, oil, gas and other liquid or gaseous products/substances to and from wells drilled, or to be drilled, on or off the Lands and the Surface Owner is agreeable to the same on the terms and conditions set out in the Agreement.

The Agreement also grants unto Company, Surface Owner's consent to and an easement for the drilling, production, and operation of shallow and deep horizontal or vertical oil and gas wells at any legal location(s) upon the surface of the Lands pursuant to W. Va. Code §§ 22-6A and 22C-9-7(b)(4) and applicable regulations.

The Agreement, with all of its terms, covenants and other provisions, is referred to and incorporated into this Memorandum for all purposes. This Memorandum is placed of record for the purpose of giving notice of the Agreement. Nothing contained in this Memorandum will alter or amend any of the terms and provisions of the Agreement. In the event of any conflict between this Memorandum and the Agreement, the terms and conditions of the Agreement shall control.

IN WITNESS WHEREOF this Memorandum of Surface Use Agreement is executed as of the date first above written.

Surface Owner: Charles Lee Huggins Betty Jean Huggins
Charles Lee Huggins Betty Jean Huggins

Company: TH EXPLORATION, LLC
By: [Signature]
Name: Benjamin J. Irwin
Title: Attorney-in-Fact

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

4710303624

ACKNOWLEDGEMENT

STATE OF WEST VIRGINIA)
) SS:
COUNTY OF WETZEL)

On this the 25 day of May, 2021, before me, a notary public, the undersigned authority, personally appeared Charles Lee Huggins, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires August 8, 2021 Signature: [Signature]
Notary Public

Name/Notary Public (print): Mich Feather



ACKNOWLEDGEMENT

STATE OF WEST VIRGINIA)
) SS:
COUNTY OF WETZEL)

On this the 25 day of May, 2021, before me, a notary public, the undersigned authority, personally appeared Betty Jean Huggins, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires August 8, 2021 Signature: [Signature]
Notary Public

Name/Notary Public (print): Mich Feather



ACKNOWLEDGEMENT

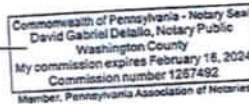
COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF WASHINGTON)

On this, the 25 day of May, 2021, before me a notary public, the undersigned authority, personally appeared Benjamin J. Irwin, who acknowledged himself to be the Attorney-In-Fact of TH EXPLORATION, LLC, a Texas limited liability company, and that he as such Attorney-In-Fact being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the limited liability company by himself as Attorney-In-Fact.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: 2/16/24 Signature: [Signature]
Notary Public

Name/Notary Public (print): David G. Delallo



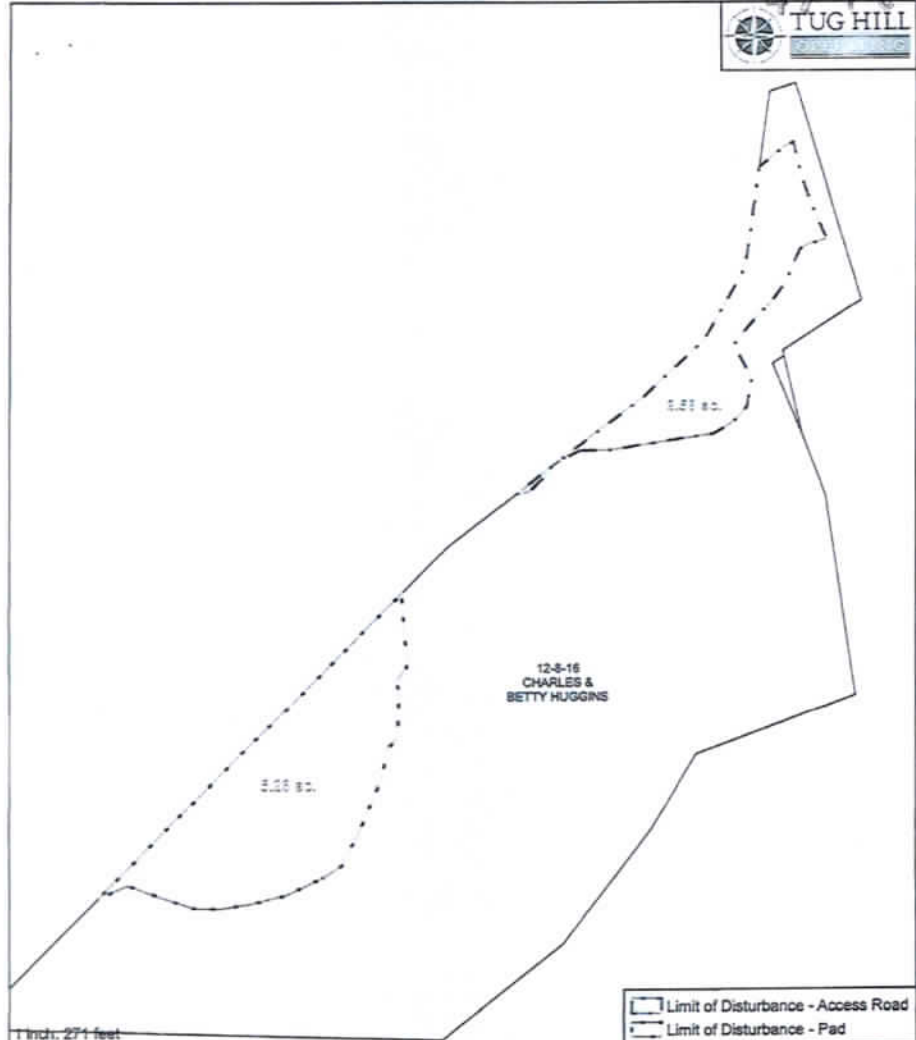
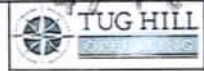
Prepared by and please return to:
TH Exploration, LLC
1320 S. University Drive, Suite 500
Fort Worth, TX 76107

TH/WV MEMO SUA 2.1

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

01/26/2024

4710303624



1 inch = 271 feet

0 50 100 200 Feet

N

Standard Surveying Practices and Procedures
This document is a standard surveying practice and procedure document. It is intended to provide a general overview of the surveying process and is not intended to be used as a substitute for professional judgment or advice. The user assumes all responsibility for the use of this document. The user agrees to hold the author harmless for any and all consequences arising from the use of this document. This document is provided as a service to the user and is not intended to be used as a substitute for professional judgment or advice. The user assumes all responsibility for the use of this document. The user agrees to hold the author harmless for any and all consequences arising from the use of this document.

Exhibit "A"

CHARLES & BETTY HUGGINS
Wetzel County, WV

Date: 5-25-21

Name: CLH

Name: Betty Huggins



Limit of Disturbance - Access Road

Limit of Disturbance - Pad

Scale: 47x42221
PG2: NAD 1983 1/4" Scale 17x14 Plot US

Wetzel County
Carol A. Koppel, Clerk
Instrument: 200707
06/11/2021 @ 03:59:54 PM
RECEIVED
FROM: 128 @ Fagan Y/A
Pages Recorded: 3
Recording Cost: \$

11.00

RECEIVED
Office of Cultural Resources

OCT 20 2023

WV Department of
Environmental Protection

01/26/2024

MEMORANDUM OF SURFACE USE AGREEMENT

This Memorandum of Surface Use Agreement ("Memorandum") made this 14 day of MAY 2021 by and between Elnora Tuttle, by her Power-of-Attorney whose address is 6768 Proctor Creek Road, Proctor, WV 26055, (hereinafter collectively called "Surface Owner"), and TH EXPLORATION, LLC, a Texas limited liability company, with an address of 1320 S. University Drive, Suite 500, Fort Worth, TX 76107, (hereinafter called "Company").

WITNESSETH

For and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, Surface Owner did make and execute in favor of Company a Surface Use Agreement (the "Agreement") dated MAY 14, 2021 and made effective MAY 28, 2021 which provides for a ten (10) year term ("Agreement Term") covering Surface Owner's interest in the following described lands (the "Lands"):

The Lands are located, all or part, in Proctor District, Wetzel County, State of West Virginia, and including lands identified as: 12-8-15, and described for the purposes of this Memorandum as containing 39.2 acres, and Lands located, all or part, in Proctor District, Wetzel County, State of West Virginia, and including all contiguous or appurtenant lands owned by Surface Owner, as described in that certain deed dated July 25, 1985 and recorded in the office of the County Clerk of the aforesaid County in Deed Book, 315-62.

The Company desires to use the portion of Land labeled as "Limit of Disturbance - Pad" and "Limit of Disturbance - Access Road" on the attached Exhibit A for the construction and installation of access roads, drilling pads, tanks, fences, pits and any other facilities or equipment necessary or convenient for the drilling, completion, production, operation, and maintenance of the Company's operations on or off the Land as well as to lay, maintain, excavate, construct, survey, re-construct, operate, tie into, inspect, enlarge, repair, replace, alter, clear trees and other obstructions, and remove, one or more above and/or below ground pipelines, whether permanent or temporary, with fittings and appliances, for the transportation of potable and non-potable fresh water, produced water, completion backflow water, oil, gas and other liquid or gaseous products/substances to and from wells drilled, or to be drilled, on or off the Lands and the Surface Owner is agreeable to the same on the terms and conditions set out in the Agreement.

The Agreement also grants unto Company, Surface Owner's consent to and an easement for the drilling, production, and operation of shallow and deep horizontal or vertical oil and gas wells at any legal location(s) upon the surface of the Lands pursuant to W. Va. Code §§ 22-6A and 22C-9-7(b)(4) and applicable regulations.

The Agreement, with all of its terms, covenants and other provisions, is referred to and incorporated into this Memorandum for all purposes. This Memorandum is placed of record for the purpose of giving notice of the Agreement. Nothing contained in this Memorandum will alter or amend any of the terms and provisions of the Agreement. In the event of any conflict between this Memorandum and the Agreement, the terms and conditions of the Agreement shall control.

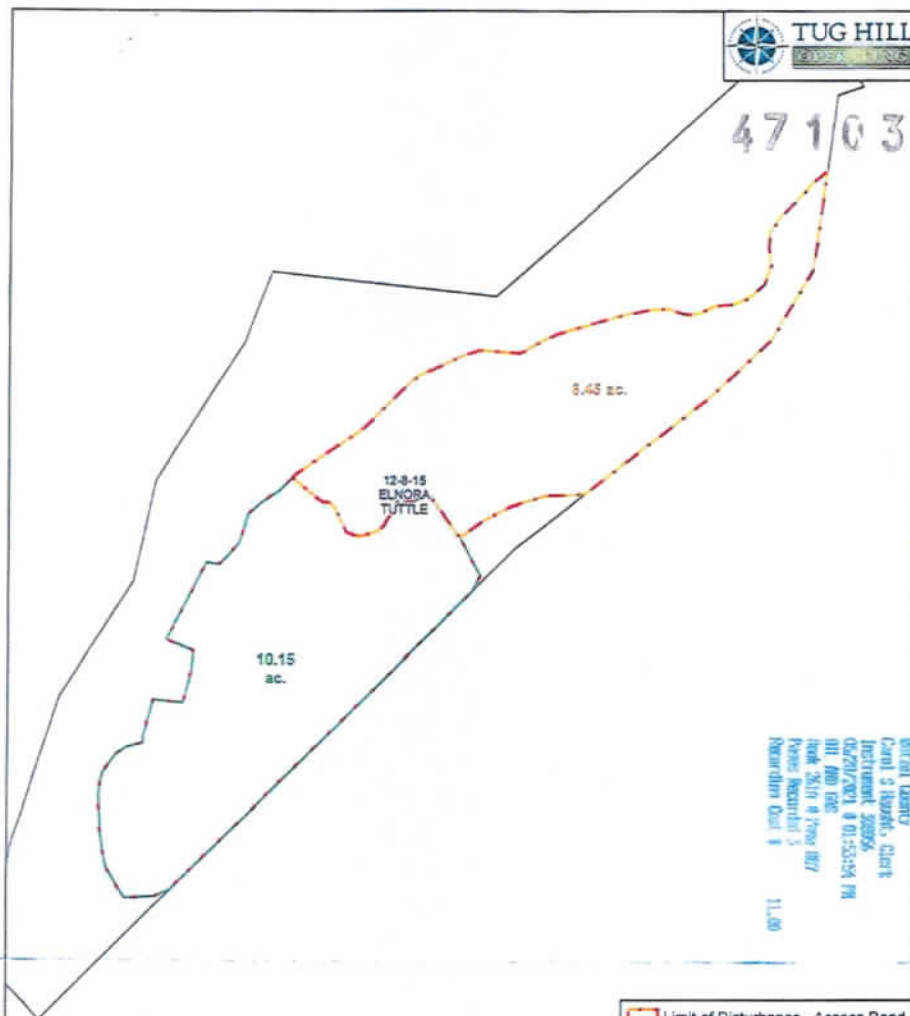
IN WITNESS WHEREOF this Memorandum of Surface Use Agreement is executed as of the date first above written.

Surface Owner: Sandra Murriner
Sandra Murriner
Power-of-Attorney

Company: TH EXPLORATION, LLC
By: Benjamin J. Irwin
Name: Benjamin J. Irwin
Title: Attorney-in-Fact

RECEIVED
Office of Oil and Gas
OCT 20 2022
Environmental Protection

47 10 30 36 24



Vertical Datum:
County of Hancock, Clerk
Instrument 202305
02/29/2024 @ 01:55:29 PM
011 000 100
Book 2619 of 1900 0177
Page: 06/01 of 5
Reformation Court # 11.00

1 inch: 273 feet

0 50 100 200 Feet

Exhibit "A"
ELNORA TUTTLE
Wetzel County, WV

Date: _____
Name: *Samuel D. Harrison*
Name: _____

Legend:
 Limit of Disturbance - Access Road
 Limit of Disturbance - Pad

Scale: 1 inch = 273 feet
 Date: 4/4/2021
 POC: 340 198 UTM Zone 17N Feet US

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

4710303624



EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

September 26, 2023

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Elmer N-13HU Gas Well
Proctor District, Wetzel County, WV

Dear Mr. Brewer,

EQT Production Company is applying for a new well work permit for the well referenced above. Upon information and belief, the Operator's lease and/ or other real property rights permit it to conduct drilling operations for the subject well in the location shown on the plat, including under any public roads that the well lateral crosses.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Zavatchan'.

John Zavatchan
Project Specialist - Permitting

01/26/2024

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE CERTIFICATION**

Date of Notice Certification: 10/18/2023

API No. 47- _____

Operator's Well No. N-13HU

Well Pad Name: Elmer

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83 Easting: <u>522506.13</u>
County: <u>Wetzel</u>	UTM NAD 83 Northing: <u>4393828.29</u>
District: <u>Proctor</u>	Public Road Access: <u>Proctor Creek Rd - CR 89</u>
Quadrangle: <u>Wileyville</u>	Generally used farm name: <u>Elnora Tuttle</u>
Watershed: <u>Proctor Creek of French Creek - Ohio River (HUC-10)</u>	

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

<p>Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:</p> <p>*PLEASE CHECK ALL THAT APPLY</p> <p><input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED</p> <p><input type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input checked="" type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED</p> <p><input checked="" type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or</p> <p style="padding-left: 100px;"><input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)</p> <p><input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION</p> <p><input checked="" type="checkbox"/> 5. PUBLIC NOTICE</p> <p><input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION</p>	<p align="center">OOG OFFICE USE ONLY</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input checked="" type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input checked="" type="checkbox"/> RECEIVED</p> <p><input checked="" type="checkbox"/> RECEIVED</p> <p><input checked="" type="checkbox"/> RECEIVED</p>
--	--

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

RECEIVED
Office of Oil and Gas

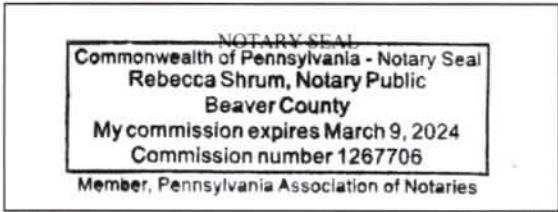
OCT 20 2023
01/26/2024

4710303624

Certification of Notice is hereby given:

THEREFORE, I John Zavatchan, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator:	<u>EQT Production Company</u>	Address:	<u>400 Woodcliff Drive</u>
By:	<u>John Zavatchan</u>		<u>Canonsburg, PA 15317</u>
Its:	<u>Project Specialist - Permitting</u>	Facsimile:	<u>412-395-2974</u>
Telephone:	<u>724-746-9073</u>	Email:	<u>jzavatchan@eqt.com</u>



Subscribed and sworn before me this 18th day of October 2023.

Rebecca Shrum Notary Public

My Commission Expires March 9, 2024

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

4710303624

WW-6A
(9-13)

API NO. 47- _____
OPERATOR WELL NO. N-13HU _____
Well Pad Name: Elmer _____

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION**

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 10/18/2023 **Date Permit Application Filed:** 10/19/2023

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)
 Name: Sandra Mumner et. al Life Estate of Randy Tuttle
 Address: 1086 Sprite Road
 Hurricane, WV 25526
 Name: _____
 Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)
 Name: Charles & Betty Huggins
 Address: 5352 Palmer Ridge Road
 Proctor, WV 26055
 Name: _____
 Address: _____

SURFACE OWNER(s) (Impoundments or Pits)
 Name: N/A
 Address: _____

COAL OWNER OR LESSEE
 Name: CONSOL Energy, Inc. Attn. Casey Saunders
 Address: 275 Technology Drive, Suite 101
 Canonsburg, PA 15317
 COAL OPERATOR
 Name: _____
 Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
 Name: _____
 Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD
 Name: _____
 Address: _____

*Please attach additional forms if necessary

RECEIVED
 Office of Oil and Gas
 OCT 20 2023
 WV Department of Environmental Protection

01/26/2024

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

RECEIVED
OCT 20 2023

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (c) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site <http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

WW-6A
(8-13)

API NO. 47 4710303624
OPERATOR WELL NO. N-13HU
Well Pad Name: Eimer

Notice is hereby given by:

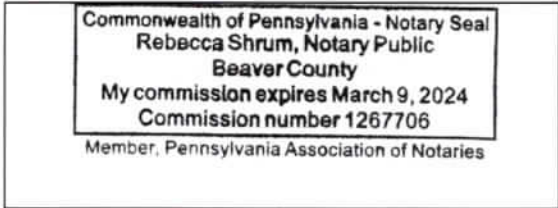
Well Operator: EQT Production Company
Telephone: 724-746-9073
Email: jzavatchan@eqt.com



Address: 400 Woodcliff Drive
Canonsburg, PA 15317
Facsimile: 412-395-2974

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



Subscribed and sworn before me this 18th day of October 2023.
Rebecca Shrum Notary Public
My Commission Expires March 9, 2024

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

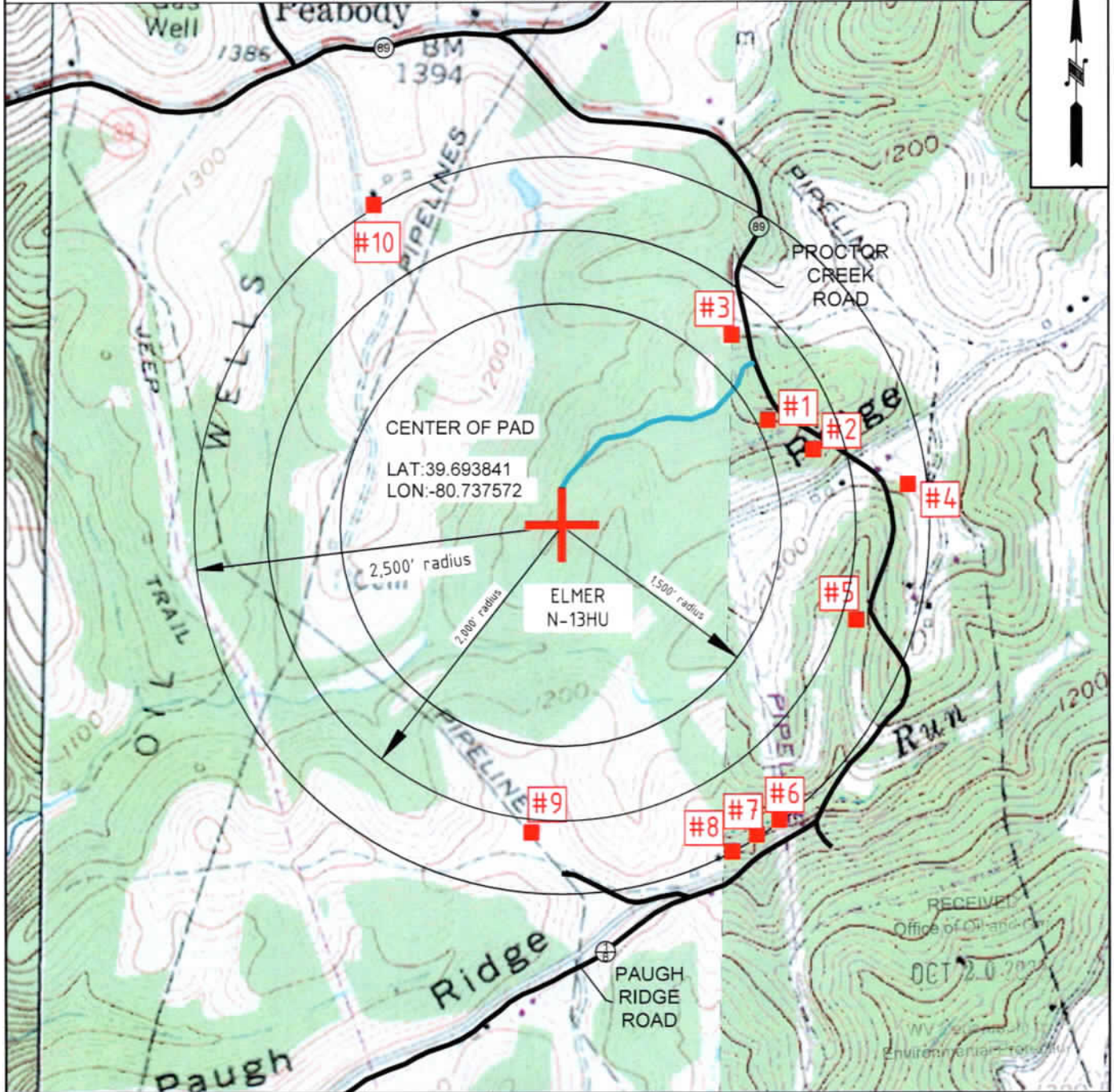
01/26/2024

WW-6A

SUPPLEMENT PG 1

ELMER N-13HU

THERE APPEAR TO BE TEN (10) RESIDENCES, AND NO (0) BUSINESSES, CHURCHES, SCHOOLS, OR EMERGENCY FACILITIES WITHIN 2,500'.



	OPERATOR	306686	TOPO SECTION	LEASE NAME
	EQT PRODUCTION COMPANY 400 WOODCLIFF DRIVE CANONSBURG, PA 15317		WILEYVILLE 7.5'	ELMER
			SCALE: 1" = 2000'	DATE: DATE: 10-11-2023

RESIDENCES WITHIN 2,500 FEET OF ELMER WELL PAD			There appear to be Ten (10) Residences, & Zero (0)		
WELL: Elmer			Businesses, Churches, Schools or		
DISTRICT: Proctor			Emergency Facilities within 2500' of the Elmer Well Pad.		
COUNTY: Wetzel					
STATE: WV					
	Topo Spot #	Description	Property Owner	E-911 Address	Mailing Address
	#1	TM 12-8-4.2	Eddy, Brent A. & Kimberly J.	6882 Proctor Creek Road, Proctor, WV 26055	
	#2	TM 12-8-21	Deguzman, Eduardo C. & Sonya R.	6960 Proctor Creek Road, Proctor, WV 26055	PO Box 1102, Solomons, MD 20688
	#3	TM 12-8-15	Murriner, Sandra et al	6768 Proctor Creek Road, Proctor, WV 26055	
	#4	TM 12-8-17	Nice, Jacob Woodrow & Mary Josephine	7061 Proctor Creek Road, Proctor, WV 26055	
	#5	TM 12-8-22.1	Kirkland, Barry C.	7176 Proctor Creek Road, Proctor, WV 26055	
	#6	TM 12-8-20.8	Neff, Joshua M. & Courtney R.	24 Paugh Ridge Road, Proctor, WV 26055	
	#7	TM 12-8-20.6	Throckmorton, John G. & Debra D	76 Paugh Ridge Road, Proctor, WV 26055	
	#8	TM 12-8-20	Truex, Nancy D.	108 Paugh Ridge Road, Proctor, WV 26055	
	#9	TM 12-8-20.7	Campbell, Ron Jr. & Shana	194 Paugh Ridge Road, Proctor, WV 26055	
	#10	TM 12-8-2	Goddard, Robert Shane & Kathryn Ramona Rev Living Trust	5904 Proctor Creek Road, Proctor, WV 26055	

WV Department of
Environmental Protection

RECEIVED
Office of Oil and Gas
OCT 20 2023

4716308623

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 10/18/2023 **Date Permit Application Filed:** 10/19/2023

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

- CERTIFIED MAIL RETURN RECEIPT REQUESTED
- HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Sandra Murriner et. al. Life Estate of Randy Tuttle
Address: 1086 Sprite Road
Hurricane, WV 25526

Name: Charles & Betty Huggins
Address: 5352 Palmer Ridge Road
Proctor, WV 26055

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	West Virginia	UTM NAD 83 Easting:	522506.13
County:	Wetzel	UTM NAD 83 Northing:	4393828.29
District:	Proctor	Public Road Access:	Proctor Creek Rd CR 89
Quadrangle:	Wileyville	Generally used farm name:	Einora Tuttle
Watershed:	Proctor Creek of French Creek - Ohio River (HUC-10)		

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: EQT Production Company
Telephone: 724-746-9023
Email: tklaner@eqt.com

Address: 400 Woodcliff Drive
Canonsburg, PA 15317
Facsimile: 412-395-2974

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

01/26/2024



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
 Charleston, West Virginia 25305-0430 • (304) 558-3505

Alanna J. Keller, P.E.
 Deputy Secretary of Transportation/
 Deputy Commissioner of Highways

Jimmy Wriston, P. E.
 Secretary of Transportation
 Commissioner of Highways

August 31, 2023

James A. Martin, Chief
 Office of Oil and Gas
 Department of Environmental Protection
 601 57th Street, SE
 Charleston, WV 25304

Subject: DOH Permit for the Elmer Pad, Wetzel County
 Elmer N-13HU Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2021-0381 which has been transferred to EQT Production Company for access to the State Road for a well site located off Wetzel County Route 89 SLS MP0 6.84.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Gary K. Clayton, P.E.
 Regional Operations Engineer
 Central Office O&G Coordinator

Cc: Todd Klaner
 EQT Production Company
 OM, D-6
 File

RECEIVED
 Office of Oil and Gas

OCT 20 2023

WV Department of
 Environmental Protection

**Anticipated Frac Additives
Chemical Names and CAS Numbers**

<u>Material</u>	<u>Ingredient</u>	<u>CAS Number</u>
Sand (Proppant)	Silica Substrate	14808-60-7
Water	Water	7732-18-5
Hydrochloric Acid (HCl)	Hydrogen Chloride	7647-01-0
Friction Reducer	Copolymer of 2-propenamide Petroleum Distillate Oleic Acid Diethanolamide Alcohols, C12-16, ethoxylated Ammonium chloride ((NH4)Cl)	Proprietary 64742-47-8 93-83-4 68551-12-2 12125-02-9
Biocide	Glutaraldehyde Alkyl dimethyl benzyl ammonium chloride Didecyl dimethyl ammonium chloride Non-hazardous substances	111-30-8 68391-01-5 7173-51-5 Proprietary
Scale Control	Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid)(BHMT) Non-hazardous substances	34690-00-1 Proprietary
Acid Chelating Agent	Ferriplex 66 Citric Acid Acetic Acid	77-92-9 64-19-7
Corrosion Inhibitor	PLEXHIB 166 Methanol Alcohols, C14-15, ethoxylated	67-56-1 68951-67-7

RECEIVED
Office of Oil and Gas
OCT 20 2023
WV Department of
Environmental Protection

01/26/2024

OPERATOR: EQT Production Company

WELL NO: N-13HU

PAD NAME: Elmer

REVIEWED BY: John Zavatchan

SIGNATURE: 

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well Restrictions

- At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland; OR
- DEP Waiver and Permit Conditions **A waiver was previously approved and the site has been constructed**
- At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Naturally Producing Trout Stream; OR
- DEP Waiver and Permit Conditions
- At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any Groundwater Intake or Public Water Supply; OR
- DEP Waiver and Permit Conditions
- At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Drilled; OR
- Surface Owner Waiver and Recorded with County Clerk, OR
- DEP Variance and Permit Conditions
- At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR
- Surface Owner Waiver and Recorded with County Clerk, OR
- DEP Variance and Permit Conditions
- At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center of the Pad; OR
- Surface Owner Waiver and Recorded with County Clerk, OR
- DEP Variance and Permit Conditions

RECEIVED
Office of Oil and Gas

OCT 20 2023

WV Department of
Environmental Protection

01/26/2024



Elmer Well Site

Site Design, Construction Plan, & Erosion and Sediment Control Plans

Tug Hill Operating
Wetzel County
Proctor District

Latitude 39.69384130°
Longitude -80.73757155°
Proctor Creek Watershed

Pertinent Site Information
Elmer Well Site
Emergency Number: 304-455-6960
Proctor District, Wetzel County, WV
Watershed: Proctor Watershed
Site 911 Address:

Tug Hill Contact Number: 1-817-632-3400

Owner	Tax Parcel	Wetzel County Parcel Number	Acres	Value	Assessed Value	Year
Wetzel County	101	101	1.00	100	100	2018
Wetzel County	102	102	1.00	100	100	2018
Wetzel County	103	103	1.00	100	100	2018
Wetzel County	104	104	1.00	100	100	2018
Wetzel County	105	105	1.00	100	100	2018

Exhibit A: As-Built



Station	From	To	Length	Width
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00

Category	Area (sq ft)
Production Plant Construction	1,000
Construction	1,000
Additional Clearing	1,000
Site Preparation	1,000
Site Grading	1,000
Site Stabilization	1,000
Site Revegetation	1,000
Site Erosion Control	1,000
Site Access	1,000
Site Office	1,000
Site Storage	1,000
Site Parking	1,000
Site Driveway	1,000
Site Fencing	1,000
Site Signage	1,000
Site Utilities	1,000
Site Security	1,000
Site Safety	1,000
Site Health	1,000
Site Environment	1,000
Site Community	1,000
Site Culture	1,000
Site History	1,000
Site Identity	1,000
Site Character	1,000
Site Quality	1,000
Site Quantity	1,000
Site Value	1,000
Site Use	1,000
Site Form	1,000
Site Material	1,000
Site Color	1,000
Site Texture	1,000
Site Sound	1,000
Site Smell	1,000
Site Taste	1,000
Site Feel	1,000
Site Look	1,000
Site Sound	1,000
Site Smell	1,000
Site Taste	1,000
Site Feel	1,000
Site Look	1,000

Item	Quantity	Unit
Production Plant Construction	1,000	sq ft
Construction	1,000	sq ft
Additional Clearing	1,000	sq ft
Site Preparation	1,000	sq ft
Site Grading	1,000	sq ft
Site Stabilization	1,000	sq ft
Site Revegetation	1,000	sq ft
Site Erosion Control	1,000	sq ft
Site Access	1,000	sq ft
Site Office	1,000	sq ft
Site Storage	1,000	sq ft
Site Parking	1,000	sq ft
Site Driveway	1,000	sq ft
Site Fencing	1,000	sq ft
Site Signage	1,000	sq ft
Site Utilities	1,000	sq ft
Site Security	1,000	sq ft
Site Safety	1,000	sq ft
Site Health	1,000	sq ft
Site Environment	1,000	sq ft
Site Community	1,000	sq ft
Site Culture	1,000	sq ft
Site History	1,000	sq ft
Site Identity	1,000	sq ft
Site Character	1,000	sq ft
Site Quality	1,000	sq ft
Site Quantity	1,000	sq ft
Site Value	1,000	sq ft
Site Use	1,000	sq ft
Site Form	1,000	sq ft
Site Material	1,000	sq ft
Site Color	1,000	sq ft
Site Texture	1,000	sq ft
Site Sound	1,000	sq ft
Site Smell	1,000	sq ft
Site Taste	1,000	sq ft
Site Feel	1,000	sq ft
Site Look	1,000	sq ft

Site Location (NAD 83)	Site Location (NAD 83)	Site Location (NAD 83)	Site Location (NAD 83)	Site Location (NAD 83)	Site Location (NAD 83)
101	102	103	104	105	106
107	108	109	110	111	112
113	114	115	116	117	118
119	120	121	122	123	124
125	126	127	128	129	130
131	132	133	134	135	136
137	138	139	140	141	142
143	144	145	146	147	148
149	150	151	152	153	154
155	156	157	158	159	160
161	162	163	164	165	166
167	168	169	170	171	172
173	174	175	176	177	178
179	180	181	182	183	184
185	186	187	188	189	190
191	192	193	194	195	196
197	198	199	200	201	202
203	204	205	206	207	208
209	210	211	212	213	214
215	216	217	218	219	220
221	222	223	224	225	226
227	228	229	230	231	232
233	234	235	236	237	238
239	240	241	242	243	244
245	246	247	248	249	250
251	252	253	254	255	256
257	258	259	260	261	262
263	264	265	266	267	268
269	270	271	272	273	274
275	276	277	278	279	280
281	282	283	284	285	286
287	288	289	290	291	292
293	294	295	296	297	298
299	300	301	302	303	304
305	306	307	308	309	310
311	312	313	314	315	316
317	318	319	320	321	322
323	324	325	326	327	328
329	330	331	332	333	334
335	336	337	338	339	340
341	342	343	344	345	346
347	348	349	350	351	352
353	354	355	356	357	358
359	360	361	362	363	364
365	366	367	368	369	370
371	372	373	374	375	376
377	378	379	380	381	382
383	384	385	386	387	388
389	390	391	392	393	394
395	396	397	398	399	400

Project Overview

Project Location: Wetzel County, WV

Project Description: Site Design, Construction Plan, & Erosion and Sediment Control Plans

Project Owner: Tug Hill Operating

Project Manager: [Name]

Project Engineer: [Name]

Project Date: 10/24/2022

Miss Utility of West Virginia

811

Call before you dig

Station	From	To	Length	Width
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00



Station	From	To	Length	Width
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00
1+00	1+00	1+00	0.00	10.00

WVDEP OOG ACCEPTED AS-BUILT

10/24/2022

Site Location Description

The site is located on the east side of the road, north of the intersection of the road and the creek.

The site is located on the east side of the road, north of the intersection of the road and the creek.

The site is located on the east side of the road, north of the intersection of the road and the creek.

Site Location Description

The site is located on the east side of the road, north of the intersection of the road and the creek.

The site is located on the east side of the road, north of the intersection of the road and the creek.

The site is located on the east side of the road, north of the intersection of the road and the creek.

Sheet	Description
1	Cover Sheet
2	Schedule of Quantities
3	Site Notes
4	Pre-Construction Site Conditions
5	Site Map
6	Overall Plan View
7	Plan View
8	Cross Sections - Wall Pad
9	Cross Sections - Access Road
10	Geotechnical Findings
11	Landowner Disturbed Area Exhibit
12	Site Reclamation
13	Construction Erosion
14	Erosion and Sediment Control Details
15	Access Road Details
16	Pad Details

TUG HILL OPERATING

Elmer Well Site
Proctor District, Wetzel County, WV

THIS DOCUMENT PREPARED FOR TUG HILL OPERATING

KS

WVDEP OOG ACCEPTED AS-BUILT

10/24/2022

811

Call before you dig

MISS UTILITY OF WEST VIRGINIA

811

Call before you dig

