

# 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

# Tuesday, December 21, 2021 PERMIT MODIFICATION APPROVAL New Drill / Modification

EQT CHAP, LLC 625 LIBERTY AVE **SUITE 1700** PITTSBURGH, PA 15222

Re:

Permit Modification Approval for LONGWORTH M06H

47-051-01916

# UPDATED TRANSFER OF OPERATOR NAME, UPDATE TO SITE SAFETY PLAN

# EQT CHAP, LLC

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

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

James A. Martin

Operator's Well Number: LONGWORTH M06H

Farm Name: GRAHAM H LONGWORTH JR

U.S. WELL NUMBER: 47-051-01916

Date Modification Issued: 12/21/2021

New Drill Modification

Promoting a healthy environment.

WW-6B (04/15)

| API NO. 47-051 01916     | _ |
|--------------------------|---|
| OPERATOR WELL NO. MOGH   | _ |
| Well Pad Name: Longworth |   |

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

| 1) Well Operator: EQT CHAP, LLC  | 4945         | 25804         | Marshall          | Clay                     | Glen Easton                       |
|--|--------------|---------------|-------------------|--------------------------|-----------------------------------|
| •  | Ope          | rator ID      | County            | District                 | Quadrangle                        |
| 2) Operator's Well Number: M06H  |              | _ Well Pad    | Name: Longw       | orth                     |                                   |
| 3) Farm Name/Surface Owner: Graham H. Lon  | gworth, Jr.  | Public Road   | d Access: Robe    | erts Ridge R             | load/WV-21                        |
| 4) Elevation, current ground: 1,270' (built)   | Elevation    | n, proposed j | post-construction | on: 1,270'               |                                   |
| 5) Well Type (a) Gas X Oil Other   |              | Unde          | erground Storag   | e                        |                                   |
| (b)If Gas Shallow X Horizontal X   |              | _ Deep        |                   |                          |                                   |
| 6) Existing Pad: Yes or No Yes   |              |               |                   |                          |                                   |
| 7) Proposed Target Formation(s), Depth(s), A Marcellus, 6,727', 61', 0.64 psi/ft gradier     | -            | Thickness a   | nd Expected Pr    | essure(s):               |                                   |
| 8) Proposed Total Vertical Depth: 6,727' (Dril   | led)         |               |                   | RECEIN<br>Office of Oil  | /ED<br>and Gas                    |
| 9) Formation at Total Vertical Depth: Marcel   |              |               |                   | DEC 0 1                  | 2021                              |
|  | " (Drilled)  |               |                   | WV Depar<br>Environmenta | tment of                          |
| 11) Proposed Horizontal Leg Length: 10,118   | B' (Drilled) |               |                   |                          |                                   |
| 12) Approximate Fresh Water Strata Depths:   | 99', 6       | 05'           |                   |                          |                                   |
| 13) Method to Determine Fresh Water Depths   | : Tophole    | drilling      |                   |                          |                                   |
| 14) Approximate Saltwater Depths: 1,576', 1,   | 998', 2,102  | , 2,139'      |                   | RE                       | CEIVED _                          |
| 15) Approximate Coal Seam Depths: 583', 85   | i3'          |               |                   |                          | of Oil and Gas                    |
| 16) Approximate Depth to Possible Void (coa  | l mine, ka   | rst, other):  | V/A               |                          | 0 1 2021                          |
| 17) Does Proposed well location contain coal directly overlying or adjacent to an active min |              | Yes           | No                | Environm                 | epartment of<br>nental Protection |
| (a) If Yes, provide Mine Info: Name:   |              |               |                   |                          |                                   |
| Depth:   |              |               |                   |                          |                                   |
| Seam:  |              |               |                   |                          |                                   |
| Owner:   |              |               |                   | -                        |                                   |

| WW-6B   |
|---------|
| (04/15) |

| API NO. 47-051 - 0 | 1916      |
|--------------------|-----------|
| OPERATOR WELL      | NO        |
| Well Pad Name: _   | Longworth |

18)

# **CASING AND TUBING PROGRAM**

| TYPE         | Size (in) | New<br>or<br>Used | <u>Grade</u> | Weight per ft.<br>(lb/ft) | FOOTAGE: For Drilling (ft) | INTERVALS:<br>Left in Well<br>(ft) | CEMENT:<br>Fill-up<br>(Cu. Ft.)/CTS |
|--------------|-----------|-------------------|--------------|---------------------------|----------------------------|------------------------------------|-------------------------------------|
| Conductor    | 20"       | New               | X-52         | 218                       | 40'                        | 40'                                | N/A                                 |
| Fresh Water  | 13 3/8"   | New               | J-55         | 54.5                      | 623'                       | 623'                               | 579                                 |
| Coal         |           |                   |              |                           |                            |                                    |                                     |
| Intermediate | 9 5/8"    | New               | L-80         | 40                        | 2,189'                     | 2,189'                             | 928                                 |
| Production   | 5 1/2"    | New               | P-110        | 20                        | 17,837'                    | 17,769'                            | 884/2,645                           |
| Tubing       |           |                   |              |                           |                            |                                    |                                     |
| Liners       |           |                   |              |                           |                            |                                    |                                     |

Bryan Harris 11/17/21

| ТҮРЕ         | Size (in) | Wellbore<br>Diameter (in) | Wall<br>Thickness<br>(in) | Burst Pressure (psi) | Anticipated  Max. Internal  Pressure (psi) | Cement<br>Type   | Cement<br>Yield<br>(cu. ft./k) |
|--------------|-----------|---------------------------|---------------------------|----------------------|--|------------------|--------------------------------|
| Conductor    | 20"       | 30"                       |                           |                      |  |                  |                                |
| Fresh Water  | 13 3/8"   | 17 1/2"                   | 0.38                      | 2730                 | 1911                                       | Class A          | 1.20                           |
| Coal         |           |                           |                           |                      |  |                  |                                |
| Intermediate | 9 5/8"    | 12 3/8"                   | 0.395                     | 5750                 | 2768                                       | Class A          | 1.19                           |
| Production   | 5 1/2"    | 8 1/2"                    | 0.361                     | 14360                | 9975                                       | Class H/ Class H | 1.14/1.15                      |
| Tubing       |           |                           |                           |                      |  |                  |                                |
| Liners       |           |                           |                           |                      |  |                  |                                |

# **PACKERS**

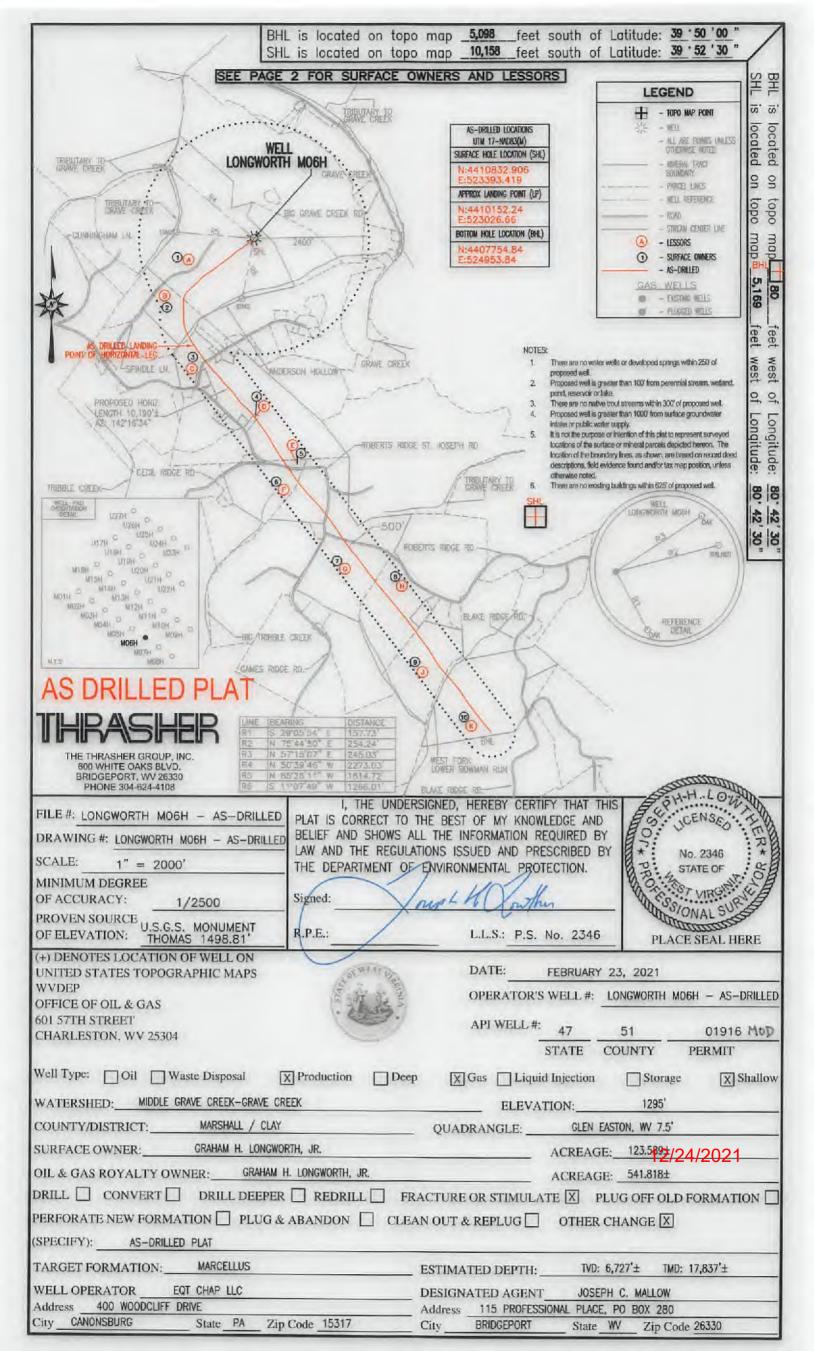
| Kind:       |   |  |
|-------------|---|--|
| Sizes:      | _ |  |
| Depths Set: |   |  |

| (10/14)  | OPERATOR WELL NO. MOGH Well Pad Name: Longworth  |
|--|--|
|  |  |
| 19) Describe proposed well work, including the drilling and pl   | ugging back of any pilot hole:   |
| EQT CHAP is proposing to complete development opera horizontally as shown on the attached WR-35.   | tions on this well. The well has been drilled  |
|  |  |
| 20) Describe fracturing/stimulating methods in detail, including   | ng anticipated max pressure and max rate:  |
| Hydraulic fracturing is completed in accordance with state regifractured wells and obtained from freshwater sources. This will (less than 0.1%) of chemicals (including 15% Hydrochloric aci referred to in the industry as a "slickwater" completion. Maxim expected to be approximately 10,000 psi, maximum anticipate approximately 100 bpm. Stage lengths vary from 150 to 300 f water per stage. Sand sizes vary from 100 mesh to 20/40 me pounds of proppant per stage | ater is mixed with sand and a small percentage d, friction reducer, biocide, and scale inhibitor), num anticipated internal casing pressure is d treating rates are expected to average feet. Average approximately 350,000 gallons of |
| 21) Total Area to be disturbed, including roads, stockpile area  | , pits, etc., (acres): 38.9  |
| 22) Area to be disturbed for well pad only, less access road (ac   | cres): 19.3  |
| 23) Describe centralizer placement for each casing string:   |  |
| SURFACE- ON SHOE TRACK AND EVERY 500' TO SUINTERMEDIATE: ON SHOE TRACK AND EVERY 500' FOR PRODUCTION: ON SHOE TRACK AND EVERY JOINT  | FEET TO SURFACE  |
| 24) Describe all cement additives associated with each cement  | type:  |
|  |  |
| 25) Proposed borehole conditioning procedures:   |  |
| N/A - The well is already drilled  |  |

API NO. 47-051 - 01916

\*Note: Attach additional sheets as needed.

WW-6B



# M06H PAGE 2 OF 2 AS DRILLED

|   | LESSOR                                    | DIST-TM/PA |
|---|---|------------|
| A | GRAHAM H. LONGWORTH, JR. ET AL            | 4-11/1     |
| В | HOLMES CWC LEGACY LLC                     | 4-11/55    |
| С | CLINT E. FLOWERS ET AL                    | 4-11/56    |
| D | THOMAS O. RICHMOND ET UX                  | 4-11/56.1  |
| E | STEPHANIE L. GATTS                        | 4-11/58    |
| F | CHARLES R. KERNAN ET UX                   | 9-1/19     |
| G | SHANNON ROGER HUBBS ET UX                 | 9-1/21     |
| Н | DEAN B. COLVIN                            | 9-1/22.2   |
|   | MARGARET KINNEY                           | 7          |
|   | PATRICIA COLVIN GRANDSTAFF                |            |
|   | MARILYN PYLES SNYDER                      | 1          |
|   | JAMES E. PYLES                            |            |
|   | SUSAN ASTON                               |            |
|   | CAROL HULL                                | 1          |
|   | DAVID GEORGE MOORE                        | 1          |
|   | BETTY LOU DELLGET KERNS                   |            |
|   | MARILYN SOUTH                             | -          |
|   | HOWARD GUMP ET UX                         |            |
|   | JUDY REILLEY FEIERSTEIN                   | 1          |
|   | RICHARD O'HARA                            |            |
|   | CATHY J. COLVIN                           | -          |
|   | ALICE FAYE VAN DINE                       | -          |
|   | LORA FORNSHELL                            | -          |
|   | KEITH PYLES                               | -          |
|   | WANDA L. PYLES                            | -          |
|   | SHERLEY M. WHITE, FKA SHERLEY M. VAN DINE |            |
|   | VERENDA STOKES                            | +          |
|   | DOMINAE VESICO-RAMIREZ                    | -          |
|   | KRISTA L. VAN DINE                        | -          |
|   | ROBERT P. COLVIN                          | 1          |
|   | RONALD PYLES                              |            |
|   | DONALD COOK - POA CAROL HULL              | -          |
|   | KEVIN O'HARA                              | -          |
|   | CATHY LUDWIG GARRETT                      | 1          |
|   | ROBERT R. D'ERAMO, JR. ET AL              | -          |
|   | DEBRA FORDYCE                             | -          |
|   | KEITH JOEL VAN DINE                       | -          |
|   | GLADYS PETRELLE BY AIF SHIRLEY BUFFONE    | -          |
|   | RODNEY COLVIN                             |            |
|   | PAULA REILLEY                             | -          |
|   | VICKIE EISENHAUER                         | -          |
|   | KIM YOHO                                  | -          |
|   | JASON COLVIN                              | -          |
|   | BRENDA WILLINGHAM                         | -          |
|   | DONALD COLVIN                             | -          |
|   | MICHAEL COLVIN                            | -          |
|   | STACY PANYKO                              | -          |
|   |   | -          |
|   | HAROLD E. VAN DINE                        | -          |
|   | JOHN E. VAN DINE                          |            |
| 1 | THOMAS B. CLARK ET UX                     | 9-4/9.1    |
| K | THOMAS B. CLARK ET UX                     | 9-5/2      |

|    | SURFACE OWNER                             | DIST-TM/PAR |
|----|---|-------------|
| 1  | GRAHAM H. LONGWORTH, JR.                  | 4-11/1      |
| 3  | HOLMES-CWC-LEGACY LLC                     | 4-11/55     |
| 3  | CLINT E. & BRENT B. FLOWERS               | 4-11/56     |
| 4  | THOMAS O. RICHMOND, ET UX.                | 4-11/56.1   |
| 5  | KENNETH A. MAYHUGH, II & SHELBY E. HARRIS | 4-11/58     |
| 6  | CHAS R. & EDITH V. KERNAN                 | 9-1/19      |
| 7  | CNX LAND RESOURCES INC.                   | 9-1/21      |
| 8  | GEORGE CHRIS LAGOS, ET UX.                | 9-1/22.2    |
| 9  | THOMAS B. CLARK, ET UX.                   | 9-4/9.1     |
| 10 | THOMAS B. CLARK, ET UX.                   | 9-5/2       |

AS-DRILED LOCATIONS
UTM 17-NADB3(M)
SURFACE HOLE LOCATION (SHL)
N:4410832.906
E:523393.419
APPROX LANDING POINT (LP)
N:4410152.24
E:523026.66
BOTTOM HOLE LOCATION (BHL)
N:4407754.84
E:524953.84

12/24/2021



THE THRASHER GROUP, INC. 600 WHITE OAKS BLVD. BRIDGEPORT, WV 26330 PHONE 304-624-4108

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

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

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

Lease Name or Number

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See Attached Form

RECEIVED Office of Oil and Gas

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas DEC 0 1 2021

WV Department of Environmental Protection

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

| Parcel ID  | Grantor, Lessor, etc.            | Grantee, Lessee, etc.            | Royalty             | Book/Page  |
|------------|----------------------------------|----------------------------------|---------------------|------------|
|            |                                  |                                  |                     |            |
| 044440     |                                  |                                  | "at least 1/8th per |            |
| 04-11-1.0  | Graham H. Longworth Jr., et al.  | Chevron U.S.A. Inc.              | WV Code 22-6-8"     | DB 790/129 |
|            | Chevron U.S.A. Inc.              | EQT Aurora LLC                   |                     | AB 47/1    |
|            |                                  |                                  | "at least 1/8th per |            |
| 04-11-55.0 | Holmes-CWC-Legacy, LLC           | Chevron U.S.A. Inc.              | WV Code 22-6-8"     | DB 790/120 |
|            | Chevron U.S.A. Inc.              | EQT Aurora LLC                   |                     | AB 47/1    |
|            |                                  |                                  | "at least 1/8th per |            |
| 04-11-56.0 | Clint E. Flowers, et al.         | Chesapeake Appalachia, LLC       | WV Code 22-6-8"     | DB 700/408 |
|            | Chesapeake Appalachia, LLC       | Chevron U.S.A. Inc.              |                     | AB 30/392  |
|            | Chevron U.S.A. Inc.              | EQT Aurora LLC                   |                     | AB 47/1    |
|            |                                  |                                  | "at least 1/8th per |            |
| 04-11-56.1 | Thomas O. Richmond, et ux.       | TriEnergy Holdings, LLC          | WV Code 22-6-8"     | DB 722/515 |
|            | TriEnergy Holdings, LLC          | NPAR, LLC                        |                     | AB 25/463  |
|            | NPAR, LLC                        | Chevron U.S.A. Inc.              |                     | AB 26/269  |
|            | Chevron U.S.A. Inc.              | EQT Aurora LLC                   |                     | AB 47/1    |
|            |                                  |                                  | "at least 1/8th per |            |
| 04-11-58.0 | Stephanie L. Gatts               | TriEnergy Holdings, LLC          | WV Code 22-6-8"     | DB 763/213 |
|            | TriEnergy Holdings, LLC          | Chevron U.S.A. Inc.              |                     | AB 28/348  |
|            | Chevron U.S.A. Inc.              | EQT Aurora LLC                   |                     | AB 47/1    |
|            |                                  |                                  | "at least 1/8th per |            |
| 09-1-19.0  | Charles R. Kernan, et ux.        | Central Michigan Exploration LLC | WV Code 22-6-8"     | DB 668/149 |
|            | Central Michigan Exploration LLC | Stone Energy Corporation         |                     | AB 21/288  |
|            | Stone Energy Corporation         | Chevron U.S.A. Inc.              |                     | AB 33/276  |
|            | Chevron U.S.A. Inc.              | EQT Aurora LLC                   |                     | AB 47/1    |

| 09-1-21.0 | Shannon Roger Hubbs, et ux.<br>Chevron U.S.A. Inc.  | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 798/535<br>AB 47/1                           |
|-----------|---|---|--|---|
| 09-1-22.2 | Dean B. Colvin TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                      | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 726/593<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
| 09-1-22.2 | Margaret Kinney TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                     | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 726/598<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
| 09-1-22.2 | Patricia Colvin Grandstaff<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc. | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 726/612<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
| 09-1-22.2 | Marilyn Pyles Snyder TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 726/607<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
| 09-1-22.2 | James E. Pyles<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.             | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 726/601<br>AB 25/463<br>AB 26/269<br>AB 47/1 |

| 09-1-22.2 | Susan Aston TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                      | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 727/215<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
|-----------|--|---|--|---|
| 09-1-22.2 | Carol Hull TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                       | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 727/220<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
| 09-1-22.2 | David George Moore TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.               | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 727/223<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
| 09-1-22.2 | Betty Lou Deliget Kerns<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc. | TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. EQT Aurora LLC          | "at least 1/8th per<br>WV Code 22-6-8" | DB 728/393<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
| 09-1-22.2 | Marilyn South TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                    | TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. EQT Aurora LLC          | "at least 1/8th per<br>WV Code 22-6-8" | DB 728/398<br>AB 25/463<br>AB 26/269<br>AB 47/1 |
| 09-1-22.2 | Howard Gump, et ux. TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.              | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 729/338<br>AB 25/463<br>AB 26/269<br>AB 47/1 |

| 09-1-22.2 | Judy Reilly Feierstein<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc. | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 728/414<br>AB 25/463<br>DB 756/307<br>AB 47/1 |
|-----------|---|---|--|--|
| 09-1-22.2 | Richard O'Hara<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.         | TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. EQT Aurora LLC          | "at least 1/8th per<br>WV Code 22-6-8" | DB 730/615<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Cathy J. Colvin<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.        | TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. EQT Aurora LLC          | "at least 1/8th per<br>WV Code 22-6-8" | DB 730/613<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Alice Faye Van Dine<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.    | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 734/179<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Lora Fornshell TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                  | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 735/208<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Keith Pyles<br>TriEnergy Holdings, LLC<br>NPAR, LLC                                   | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.                   | "at least 1/8th per<br>WV Code 22-6-8" | DB 735/211<br>AB 25/463<br>DB 756/332            |

|           | Chevron U.S.A. Inc.   | EQT Aurora LLC  |  | AB 47/1  |
|-----------|---|---|--|--|
| 09-1-22.2 | Wanda L. Pyles TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                                      | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 735/205<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Sherley M. White F/K/A Sherley M. Van Dine<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc. | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 735/411<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Verenda Stokes<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.                             | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 735/414<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Dominae Vescio-Ramirez<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.                     | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 735/421<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Krista L. Van Dine<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.                         | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 738/532<br>AB 25/463<br>AB 26/201<br>AB 47/1  |
| 09-1-22.2 | Robert P. Colvin<br>TriEnergy Holdings, LLC   | TriEnergy Holdings, LLC<br>NPAR, LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 726/595<br>AB 25/463                          |

|           | NPAR, LLC<br>Chevron U.S.A. Inc.  | Chevron U.S.A. Inc. EQT Aurora LLC  |  | AB 26/269<br>AB 47/1                             |
|-----------|---|---|--|--|
| 09-1-22.2 | Ronald Pyles TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                        | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 726/604<br>AB 25/463<br>AB 26/269<br>AB 47/1  |
| 09-1-22.2 | Donald Cook POA Carol Huil<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc. | TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. EQT Aurora LLC          | "at least 1/8th per<br>WV Code 22-6-8" | DB 727/217<br>AB 25/463<br>AB 26/269<br>AB 47/1  |
| 09-1-22.2 | Kevin O'Hara<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.               | TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. EQT Aurora LLC          | "at least 1/8th per<br>WV Code 22-6-8" | DB 730/618<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Cathy Ludwig Garrett TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.                | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 730/637<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Robert R. D'Eramo, Jr., et al. TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc.      | TriEnergy Holdings, LLC NPAR, LLC Chevron U.S.A. Inc. EQT Aurora LLC          | "at least 1/8th per<br>WV Code 22-6-8" | DB 734/166<br>AB 25/463<br>DB 756/332<br>AB 47/1 |
| 09-1-22.2 | Debra Fordyce   | TriEnergy Holdings, LLC   | "at least 1/8th per<br>WV Code 22-6-8" | DB 734/317                                       |

|           | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.                              | NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC                            |  | AB 25/463<br>DB 756/332<br>AB 47/1              |
|-----------|--|---|--|---|
| 09-1-22.2 | Keith Joel Van Dine<br>TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.       | TriEnergy Holdings, LLC<br>NPAR, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 738/529<br>AB 25/463<br>AB 26/201<br>AB 47/1 |
| 09-1-22.2 | Gladys Petrelle by AIF Shirley Buffone<br>TriEnergy Holdings, LLC<br>Chevron U.S.A. Inc. | TriEnergy Holdings, LLC<br>Chevron U.S.A. Inc.<br>EQT Aurora LLC              | "at least 1/8th per<br>WV Code 22-6-8" | DB 767/610<br>AB 28/348<br>AB 47/1              |
| 09-1-22.2 | Rodney Colvin<br>Chevron U.S.A. Inc.   | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/632<br>AB 47/1                           |
| 09-1-22.2 | Paula Reilley<br>Chevron U.S.A. Inc.   | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/629<br>AB 47/1                           |
| 09-1-22.2 | Vickie Eisenhauer<br>Chevron U.S.A. Inc.   | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/470<br>AB 47/1                           |
| 09-1-22.2 | Kim Yoho<br>Chevron U.S.A. Inc.  | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/467<br>AB 47/1                           |
| 09-1-22.2 | Jason Colvin<br>Chevron U.S.A. Inc.  | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/515<br>AB 47/1                           |

| 09-1-22.2 | Brenda Willingham<br>Chevron U.S.A. Inc.  | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/512<br>AB 47/1                                      |
|-----------|---|---|--|--|
| 09-1-22.2 | Donald Colvin<br>Chevron U.S.A. Inc.  | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/509<br>AB 47/1                                      |
| 09-1-22.2 | Michael Colvin Chevron U.S.A. Inc.  | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/506<br>AB 47/1                                      |
| 09-1-22.2 | Stacy Panyko<br>Chevron U.S.A. Inc.   | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/620<br>AB 47/1                                      |
| 09-1-22.2 | Harold E. Van Dine<br>Chevron U.S.A. Inc.   | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/623<br>AB 47/1                                      |
| 09-1-22.2 | John E. Van Dine<br>Chevron U.S.A. Inc.   | Chevron U.S.A. Inc. EQT Aurora LLC  | "at least 1/8th per<br>WV Code 22-6-8" | DB 885/626<br>AB 47/1                                      |
| 09-4-9.1  | Thomas B. Clark, et ux. Fossil Creek Ohio, LLC Fossil Creek Ohio, LLC & Gulfport Energy Corp. American Petroleum Partners Operating LLC Chevron U.S.A. Inc. | Fossil Creek Ohio, LLC Gulfport Energy Corp. American Petroleum Partners Operating LLC Chevron U.S.A. Inc. EQT Aurora LLC | "at least 1/8th per<br>WV Code 22-6-8" | DB 838/521<br>AB 33/9<br>AB 36/588<br>AB 40/267<br>AB 47/1 |
| 09-5-2.0  | Thomas B. Clark, et ux. Fossil Creek Ohio, LLC Fossil Creek Ohio, LLC & Gulfport Energy Corp.   | Fossil Creek Ohio, LLC Gulfport Energy Corp. American Petroleum Partners Operating LLC                                    | "at least 1/8th per<br>WV Code 22-6-8" | DB 838/521<br>AB 33/9<br>AB 36/588                         |

American Petroleum Partners Operating LLC Chevron U.S.A. Inc.

Chevron U.S.A. Inc.
EQT Aurora LLC

AB 40/267 AB 47/1



November 29, 2021

Via Electronic Delivery

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

RE: EQT CHAP, LLC Relationship to EQT Aurora, LLC

WVDEP Recipient,

This letter serves as notification to WVDEP of the relationship between the two subject entities. EQT CHAP LLC, a Pennsylvania limited liability company (EIN 20-8243540) having an address of 625 Liberty Ave., Suite 1700, Pittsburgh, PA 15222, is a wholly owned subsidiary of EQT CNEU LLC, a Delaware limited liability company (EIN 51-0404430), also having an address of 625 Liberty Ave., Suite 1700, Pittsburgh, PA 15222. EQT CNEU LLC is a wholly owned subsidiary of EQT Aurora LLC, a Pennsylvania limited liability company (EIN 85-3135326) also having an address of 625 Liberty Avenue, Suite 1700, Pittsburgh, PA 15222. All entities fall under the parent of EQT Corporation.

Because of this relationship, EQT CHAP LLC has the right to to develop, extract, produce and market natural resources allowed, including natural gas, from any lease in which EQT Aurora LLC has that same right.

If you require any additional information, feel free to contact me at your earliest convenience.

Best Regards,

John Zavatchan

Project Specialist - Permitting

izavatchan@egt.com

724-746-9073

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November 29, 2021

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

Re:

Longworth Mo6H

Clay District, Marshall County, WV

Dear Mr. Brewer,

EQT CHAP, LLC is applying for a 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,

John Zavatchan

Project Specialist - Permitting

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# Anticipated Frac Additives Chemical Names and CAS Numbers

| <u>Material</u>             | Ingredient  | <b>CAS Number</b> |
|-----------------------------|---|-------------------|
| 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  | Proprietary       |
|                             | Petroleum Distillate  | 64742-47-8        |
|                             | Oleic Acid Diethanolamide   | 93-83-4           |
|                             | Alcohols, C12-16, ethoxylated                                     | 68551-12-2        |
|                             | Ammonium chloride ((NH4)Cl)                                       | 12125-02-9        |
| Biocide                     | Glutaraldehyde  | 111-30-8          |
|                             | Alkyl dimethyl benzyl ammonium chloride                           | 68391-01-5        |
|                             | Didecyl dimethyl ammonium chloride                                | 7173-51-5         |
|                             | Non-hazardous substances  | Proprietary       |
| Scale Control               | Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid)(BHMT) | 34690-00-1        |
|                             | Non-hazardous substances  | Proprietary       |
| <b>Acid Chelating Agent</b> | Citric Acid   | <b>77-92-9</b>    |
| <b>Corrosion Inhibitor</b>  | Methanol  | 67-56-1           |
|                             | pyridinium, 1-(phenylmethyl)-, ethyl methyl derivs., chlorides    | 68909-18-2        |
|                             | Nonoxynol-9   | 127087-87-0       |
|                             | 2-ethyl-1-hexanol   | 104-76-7          |
|                             | 4-nonylphenyl, ethoxylated  | 26027-38-3        |

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# **EQT Production**

Hydraulic Fracturing Monitoring Plan

Pad ID: Longworth

County: Marshall

November 22, 2021

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WV Department of Environmental Protection

Page 1 of 2

# **Purpose**

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Marshall County, WV prior to hydraulic fracturing at the following EQT wells on the Longworth well pad: 5H, 6H, 7H,8H,9H,10H, 11H, 12H, 13H, 14H, 15H and 16H.

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

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

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

# 1. Communications with Well Operators

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

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

EQT will recommend to these operators at a minimum to:

- 1. Inspect their surface equipment prior to fracturing to establish integrity and establish prefrac 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

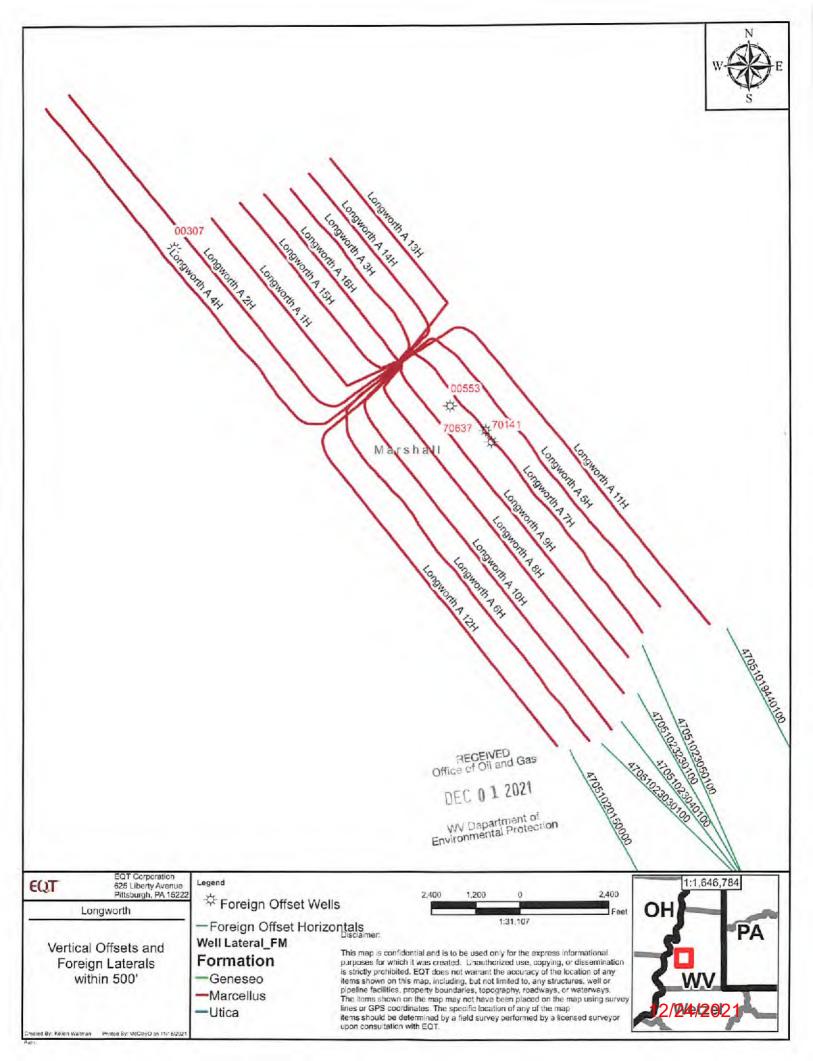
EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

| UWI<br>00553<br>00307<br>70141<br>70637  | ACT_STATUS Completed Wells/WHCS Completed Wells Completed Wells Completed Wells | CURR_OPER KENTUCKY CENTRAL & CO ARROWHEAD EXPLORATION BURT OIL CO UNXNOWN   | FRI_CLASS  NEW RELD WILDCAT-DRY (INCLUDING TEMPORARILY ABANDONED WELL)  UNCLASSIFIED  PSEUDO-ORIGINAL WELL - UNKNOWN CLASS  UNCLASSIFIED | D&A<br>D&A<br>PSEUDO              | INIT_CLASS NEW FIELD WILDCAT NEW FIELD WILDCAT PSEUDO-ORIGINAL WELL - UNKNOWN CLASS UNCLASSFIED  | 39.84403540<br>39.85569700<br>39.84132800                               | -80.74838000 ARROWHEAD EXPLORATION  | DATUM<br>NAD27<br>NAD27<br>NAD27<br>NAD27                   | 1184.00<br>1235.00<br>0.00<br>0.00                            | 800.00<br>800.00<br>3000.00<br>0.00<br>0.00 | 0.00<br>0.00<br>0.00   |              |
|--|---|---|--|-----------------------------------|--|---|---|---|---|---|--|--------------|
| Horizontals<br>UWI<br>47051020150000<br>47051023050100<br>47051023230100<br>47051019440100<br>47051023030100<br>47051023040100 | ACT_STATUS Completed Wells Permit Completed Wells Permit Permit                 | CURR_OPER TUG HILL OPERATING LLC | FNL_CLASS NEW FIELD WILDCAT-DISCOVERY SUCCESSFUL OUTPOST EXTENSION   | GAS<br>PERMIT<br>PERMIT<br>GAS-WO | INIT_CLASS NEW FIELD WILDCAT NEW FIELD WILDCAT REDRILL NEW FIELD WILDCAT REDRILL WILDCAT OUTPOST REDRILL NEW FIELD WILDCAT REDRILL NEW FIELD WILDCAT REDRILL NEW FIELD WILDCAT REDRILL | 39.80852930<br>39.80860930<br>39.80853730<br>39.80666710<br>39.80355330 | LONGITUDE OPER_NAME  -80.69355660 TUG HILL OPERATING LLC -80.69357060 TUG HILL OPERATING LLC -80.69350060 TUG HILL OPERATING LLC -80.693170 TUG HILL OPERATING LLC -80.6936760 TUG HILL OPERATING LLC -80.69364360 TUG HILL OPERATING LLC | DATUM<br>NAD27<br>NAD27<br>NAD27<br>NAD27<br>NAD27<br>NAD27 | ELEVATION 1352.00<br>1326.00<br>1326.00<br>1326.00<br>1326.00 | -   | 6760.00 3N-9HM HEAVEN HII<br>0.00 3N-14HM HEAVEN H<br>0.00 3N-13HM HEAVEN H<br>0.00 3HM TEN HIGH 1N<br>0.00 3N-11HM HEAVEN H | HILL<br>HILL |

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WV Department of Environmental Protection





November 29, 2021

Via FedEx Overnight

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

RE:

Well Work Permit Modification Application

Longworth Mo6H

Permit Number 47-051-01916 Clay District, Marshall County, WV

# WVDEP Recipient,

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

- Check in the amount of \$2,500.00
- · Completed WW-6B, approved by the Oil & Gas Inspector
- .
- Well Location Plat
- Completed Form WW-6A1 and supporting documentation
- Road Crossing Letter
- Anticipate Frac Additives List
- Hydraulic Fracturing Monitoring Plan
- Nydraulic Fracturing Monitoring Plan
   Nydraulic Fracturing Monitoring Plan
   Nydraulic Fracturing Monitoring Plan

 DVD containing the Site Specific Safety and Environmental Plan and Water Management Plan for all wells (Longworth Mo5H, Mo6H, Mo7H, Mo8H, Mo9H, M10H, M11H and M12H)

This modification is being submitted to reflect EQT CHAP's intent to hydraulically fracture this well, and to provide the information related to those operations. This well was drilled to TMD by Chevron Appalchia, LLC. The WR-35 has been included to show how the well was drilled by Chevron. Pad construction was completed on this site on October 20<sup>th</sup>, 2017, and no additional earth disturbance is proposed.

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

Best Regards,

John Zavatchan

Project Specialist - Permitting

jzavatchan@eqt.com

724-746-9073

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Stansberry, Wade A <wade.a.stansberry@wv.gov>

# Modification Horizontal H6A Well Work Permit (API: 47-051-01914)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Wed, Dec 22, 2021 at 2:05 PM

To: John <JZavatchan@eqt.com>, Todd <tklaner@eqt.com>, Erin Spine <espine@eqt.com>, "Shrum, Becky" <bshrum@eqt.com>, Olivia Pishioneri <opishioneri@eqt.com>, Eric Buzzard <ebuzzard@marshallcountywv.org>, "Gayne J. Knitowski" <gayne.j.knitowski@wv.gov>

I have attached a copy of the newly issued well permit numbers:

### 47-051-01914 - LONGWORTH M05H

This will serve as your copy.

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

**Environmental Resource Specialist 3** 

**West Virginia Department of Environmental Protection** 

Office of Oil & Gas

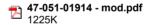
601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov





Stansberry, Wade A <wade.a.stansberry@wv.gov>

# Re: [EXTERNAL] Modification Horizontal H6A Well Work Permit (API: 47-051-01914, 01916, 01917, 02128, 02129, 02130, 02131, 02132)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov> To: "Zavatchan, John" <JZavatchan@eqt.com>

Wed. Dec 22, 2021 at 2:32 PM

Same to you, Merry Christmas.

Thank you,

Wade A. Stansberry

**Environmental Resource Specialist 3** 

**West Virginia Department of Environmental Protection** 

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

On Wed, Dec 22, 2021 at 2:28 PM Zavatchan, John <JZavatchan@eqt.com> wrote:

Got 'em all! Thanks Wade, and have a great Christmas!

JΖ

From: Stansberry, Wade A <wade.a.stansberry@wv.gov>

Sent: Wednesday, December 22, 2021 2:25 PM

To: Zavatchan, John <JZavatchan@eqt.com>; Klaner, Todd <TKlaner@eqt.com>; Spine, Erin <ESpine@eqt.com>; Shrum, Becky <BShrum@eqt.com>; Wilson, Olivia <OPishioneri@eqt.com>; Eric Buzzard <ebuzzard@marshallcountywv.org>; Gayne J. Knitowski

Subject: [EXTERNAL] Modification Horizontal H6A Well Work Permit (API: 47-051-01914, 01916, 01917, 02128, 02129, 02130, 02131, 02132)

:::This email is from an external source. Please use caution when clicking links or opening attachments::

I have attached a copy of the newly issued well permit numbers:

47-051-01914 - LONGWORTH M05H

47-051-01916 - LONGWORTH M06H

47-051-01917 - LONGWORTH M07H

47-051-02128- LONGWORTH M08H

47-051-02129 - LONGWORTH M09H

47-051-02130 - LONGWORTH M10H

47-051-02131 - LONGWORTH M11H

47-051-02132 - LONGWORTH M12H

12/24/2021

This will serve as your copy.

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

**Environmental Resource Specialist 3** 

**West Virginia Department of Environmental Protection** 

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

To learn about EQT's environmental, social and governance efforts visit: https://esg.eqt.com