



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 M11H
47-051-02131

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
Chief

Operator's Well Number: LONGWORTH M11H
Farm Name: GRAHAM H LONGWORTH JR
U.S. WELL NUMBER: 47-051-02131
New Drill Modification
Date Modification Issued: 12/21/2021

Promoting a healthy environment.

12/24/2021

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

1) Well Operator: EQT CHAP, LLC 494525804 Marshall Clay Glen Easton
Operator ID County District Quadrangle

2) Operator's Well Number: M11H Well Pad Name: Longworth

3) Farm Name/Surface Owner: Graham H. Longworth, Jr. Public Road Access: Roberts Ridge Road/WV-21

4) Elevation, current ground: 1,270' (built) Elevation, proposed post-construction: 1,270'

5) Well Type (a) Gas Oil Underground Storage

Other _____

(b) If Gas Shallow Deep

Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 6,690', 61', 0.64 psi/ft gradient

8) Proposed Total Vertical Depth: 6,690' (drilled)

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17,321' (drilled)

11) Proposed Horizontal Leg Length: 9,825' (drilled)

12) Approximate Fresh Water Strata Depths: 99', 605'

13) Method to Determine Fresh Water Depths: Tophole drilling

14) Approximate Saltwater Depths: 1,576', 1,998', 2,102', 2,139'

15) Approximate Coal Seam Depths: 583', 853'

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: _____

RECEIVED
Office of Oil and Gas
DEC 01 2021
WV Department of
Environmental Protection

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	20"	New	X-52	78.6	40'	40'	N/A
Fresh Water	13 3/8"	New	J-55	54.5	626'	626'	620
Coal							
Intermediate	9 5/8"	New	L-80	40	2,231'	2,231'	1,021
Production	5 1/2"	New	P-110	20	17,321'	17,265'	3,365
Tubing							
Liners							

Bryan Harris 11/17/21

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	20"	30"				Class A	
Fresh Water	13 3/8"	17 1/2"	0.38	2730	1911	Class A	1.19
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 A	1.23
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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

EQT CHAP is proposing to complete development operations on this well. The well has been drilled horizontally as shown on the attached WR-35.

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): 38.9

22) Area to be disturbed for well pad only, less access road (acres): 19.3

23) Describe centralizer placement for each casing string:

SURFACE- ON SHOE TRACK AND EVERY 500' TO SURFACE
INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE
PRODUCTION: ON SHOE TRACK AND EVERY JOINT TO ABOVE TOC

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

25) Proposed borehole conditioning procedures:

N/A - The well is already drilled

*Note: Attach additional sheets as needed.

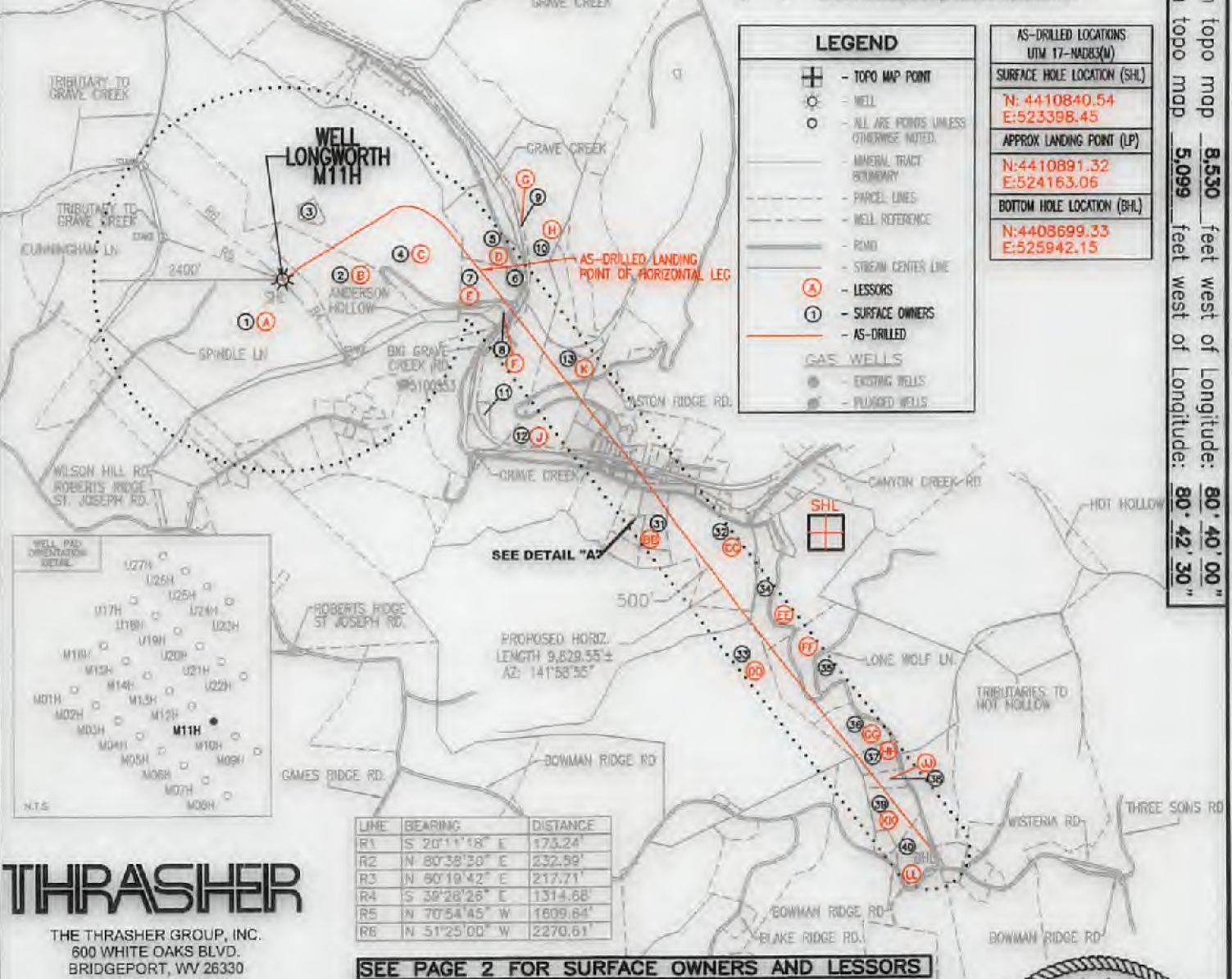
BHL is located on topo map 2,010 feet south of Latitude: 39° 50' 00"
 SHL is located on topo map 10,105 feet south of Latitude: 39° 52' 30"

AS-DRILLED PLAT

NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
3. There are no native trout streams within 300' of proposed well.
4. Proposed well is greater than 1000' from surface groundwater intake or public water supply.
5. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.
6. There are no existing buildings within 625' of proposed well.

BHL is located on topo map 8,530 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 5,099 feet west of Longitude: 80° 42' 30"



LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- ROAD
- STREAM CENTER LINE
- LESSORS
- SURFACE OWNERS
- AS-DRILLED

GAS WELLS

- EXISTING WELLS
- PLUGGED WELLS

AS-DRILLED LOCATIONS UTM 17-NAD83(M)

SURFACE HOLE LOCATION (SHL)
 N: 4410840.54
 E: 523398.45

APPROX LANDING POINT (LP)
 N: 4410891.32
 E: 524163.06

BOTTOM HOLE LOCATION (BHL)
 N: 4408699.33
 E: 525942.15



LINE	BEARING	DISTANCE
R1	S 20°11'18" E	173.24'
R2	N 80°38'30" E	232.99'
R3	N 80°19'42" E	217.71'
R4	S 29°28'28" E	1314.68'
R5	N 70°54'45" W	1809.84'
R6	N 51°25'00" W	2270.61'

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

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

FILE #: LONGWORTH M11H - AS-DRILLED
 DRAWING #: LONGWORTH M11H - AS-DRILLED
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: Joseph H. Lowther
 R.P.E.: _____ L.L.S.: P.S. No. 2346



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1295'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: GRAHAM H. LONGWORTH JR. ACREAGE: 123.589±

OIL & GAS ROYALTY OWNER: GRAHAM H. LONGWORTH JR. ACREAGE: 871.063±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE

(SPECIFY): AS-DRILLED PLAT

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,690± TMD: 17,321±

WELL OPERATOR EQT CHAP LLC DESIGNATED AGENT JOSEPH C. MALLOW
 Address 400 WOODCLIFF DRIVE Address 115 PROFESSIONAL PLACE, PO BOX 280
 City CANONSBURG State PA Zip Code 15317 City BRIDGEPORT State WV Zip Code 26330

DATE: FEBRUARY 23, 2021

OPERATOR'S WELL #: LONGWORTH M11H - AS-DRILLED

API WELL #: 47 51 02131 M0D
 STATE COUNTY PERMIT

PLACE SEAL HERE

12/24/2021

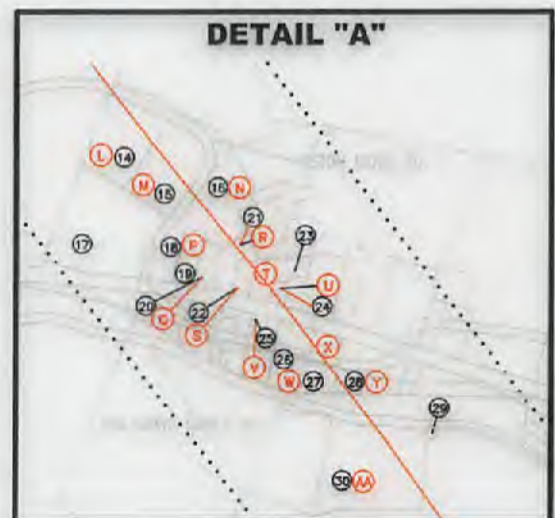
LONGWORTH M11H PAGE 2 OF 2 AS-DRILLED

	LESSOR	DIST-TM/PAR
A	GRAHAM H. LONGWORTH JR., ET AL	4-11/1
B	GRAHAM H. LONGWORTH JR., ET AL	4-11/2
	LISA NICEWARNER	
	JULIA RODGERS	
	KEITH FRIESE	
	MARK FRIESE	
	ANTHONY FRIESE	
	JAMES FRIESE	
	HENRY FRIESE	
C	GRAHAM H. LONGWORTH JR., ET AL	4-12/16
	SHERI L. EVRAETS FAMILY TRUST	
	LISA NICEWARNER	
	JULIA RODGERS	
	KEITH FRIESE	
	MARK FRIESE	
	ANTHONY FRIESE	
	JAMES FRIESE	
D	ROBERT L. SR. & PAMELA L. SHAFFER	4-12/15.3
	ROBERT L. SR. & PAMELA L. SHAFFER	4-12/15
F	KELLY B. & CONNIE S. WINLAND	4-12/15.2
G	CNX GAS COMPANY LLC	4-11A/25
H	HARRY F. & DONNA L. ROUSH	4-11/3
J	GLEN W. & RHONDA S. CONNER	4-11/51
K	HARRY F. & DONNA L. ROUSH	4-11/5
	HEIRS OF HARRISON M. EVANS	
L	LARRY E. YOHO	4-11A/24
M	LARRY E. YOHO	4-11A/23
N	WILLIAM CONNER GLEN	4-11A/22
	HOMER W. WHITE	
P	*ALVIN D. BARRETT	4-11A/3
Q	*DALE L. WITLACH	4-11A/4
R	DALE L. WITLACH	4-11A/5
S	CHARLES M. HENRY	4-11A/6

	LESSOR	DIST-TM/PAR
T	CHARLES M. HENRY	4-11A/7
U	*CHARLES M. HENRY	4-11A/8
V	*HARRY F. & DONNA L. ROUSH	4-11/4
W	JOHN Z. GARRISON	4-11A/35
X	JOHN Z. GARRISON	4-11A/36
Y	GOLDIE M. OLIVER	4-11A/37
AA	WELLMAN HEIRS	9-1/4
	ROBERT L., SR. & MARGARET J. TRAYON	
BB	*WELLMAN HEIRS	9-1/4.3
	*ROBERT L., JR. & AMY J. TRAYON	
CC	CONSOLIDATION COAL	9-1/5
DD	HOWARD E. BY AIF SUSAN YOUNG	9-1/18
EE	R.G. & ELIZABETH J. DAKAN HEIRS	9-1/12
FF	ROBERT A. WILLIAMS	9-1/13
GG	ROBERT A. WILLIAMS	9-1/13.3
HH	ROBERT A. WILLIAMS	9-1/13.4
JJ	ROBERT A. WILLIAMS	9-1/13.5
KK	KENNETH D. TUCKER	9-1/13.7
LL	GERALD E. LOGSDON	9-1/13.6

AS-DRILLED LOCATIONS UTM 17-NAD83(M)
SURFACE HOLE LOCATION (SHL)
N: 4410840.54 E: 523398.45
APPROX LANDING POINT (LP)
N: 4410891.32 E: 524153.06
BOTTOM HOLE LOCATION (BHL)
N: 4408699.33 E: 525942.15

	SURFACE OWNER	DIST-TM/PAR
1	GRAHAM H. LONGWORTH JR.	4-11/1
2	GRAHAM H. LONGWORTH JR.	4-11/2
3	DANIEL C. SR., & JEANNETTE L. LONGWORTH	4-12/16.1
4	DANIEL C. LONGWORTH	4-12/16
5	ROBERT L. SHAFFER SR., ET AL	4-12/15.3
6	ROBERT S. COWGILL	4-12/15.1
7	ROBERT L. SHAFFER SR., ET AL	4-12/15
8	KELLY BRUCE WINLAND ET UX	4-12/15.2
9	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	4-11A/25
10	HARRY F. ROUSH ET UX	4-11/3
11	DEAN ROUSH ET UX	4-11/3.1
12	GLEN W. CONNER ET UX	4-11/51
13	HARRY F. ROUSH ET UX	4-11/5
14	LARRY E. YOHO ET UX - G. E. YOHO	4-11A/24
15	LARRY E. YOHO ET UX	4-11A/23
16	GLEN WILLIAM CONNER ET AL	4-11A/22
17	KERMIT W. YOHO JR.	4-11A/1
18	ALVIN D. & CAROL D. BARRETT	4-11A/2
19	*ALVIN DALE BARRETT ET UX	4-11A/3
20	*DALE L. WHITLATCH ET UX	4-11A/4
21	DALE L. WHITLATCH ET UX	4-11A/5
22	CHARLES M. HENRY ET UX	4-11A/6
23	CHARLES M. HENRY ET UX	4-11A/7
24	*CHARLES M. HENRY ET UX	4-11A/8
25	*HARRY F. ROUSH	4-11/4
26	JONATHAN Z. & CARLA L. GARRISON	4-11A/35
27	JONATHAN Z. & CARLA L. GARRISON	4-11A/36
28	VIRGINIA L. CROW	4-11A/37
29	MANUFACTURERS LIGHT & HEAT	9-1/6
30	MARGARET JUNE TRAYON - LIFE	9-1/4
31	*ROBERT L. TRAYON ET UX	9-1/4.3
32	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	9-1/5
33	CNX LAND RESOURCES INC	9-1/18
34	ROBERT L. CLARK ET AL	9-1/12
35	CNX LAND RESOURCES INC	9-1/13
36	CNX LAND LLC	9-1/13.3
37	MACK L. CROW	9-1/13.4
38	MACK L. CROW	9-1/13.5
39	MISTY D. & MACK L. CROW	9-1/13.7
40	GERALD E. LOGSDON ET UX	9-1/13.6



12/24/2021

THRASHER

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

FEBRUARY 23, 2021

MOD1

**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
DEC 01 2021
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

WW-6A1 attachment

Operator's Well No.

Longworth M11H

Parcel ID	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
A 04-11-1.0	Graham H. Longworth Jr., et al. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 790/129 AB 47/1
B 04-11-2.0	Graham H. Longworth Jr., et al. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 790/129 AB 47/1
B 04-11-2.0	Lisa Nicewarner TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/260 AB 28/348 AB 47/1
B 04-11-2.0	Julia Rodgers TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/262 AB 28/348 AB 47/1
B 04-11-2.0	Keith Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/264 AB 28/348 AB 47/1
B 04-11-2.0	Mark Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/250 AB 28/348 AB 47/1

B	04-11-2.0	Anthony Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 753/580 AB 28/348 AB 47/1
B	04-11-2.0	James Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/254 AB 28/348 AB 47/1
B	04-11-2.0	Henry Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 752/382 AB 28/348 AB 47/1
B	04-11-2.0	Steven Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/252 AB 28/348 AB 47/1
C	04-12-16.0	Graham H. Longworth Jr., et al. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 790/129 AB 47/1
C	04-12-16.0	Sheri L. Evraets Family Trust 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 WV Code 22-6-8"	DB 730/407 AB 25/449 DB 756/332 AB 47/1
C	04-12-16.0	Lisa Nicewarner TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/260 AB 28/348 AB 47/1

c	04-12-16.0	Julia Rodgers TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/262 AB 28/348 AB 47/1
c	04-12-16.0	Keith Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/264 AB 28/348 AB 47/1
c	04-12-16.0	Mark Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/250 AB 28/348 AB 47/1
c	04-12-16.0	Anthony Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 753/580 AB 28/348 AB 47/1
c	04-12-16.0	James Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/254 AB 28/348 AB 47/1
c	04-12-16.0	Henry Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 752/382 AB 28/348 AB 47/1
c	04-12-16.0	Steven Friese TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 751/252 AB 28/348 AB 47/1

D	04-12-15.3	Robert Shaffer, et ux. 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 WV Code 22-6-8"	DB 693/155 AB 25/463 DB 756/332 AB 47/1
E	04-12-15.0	Robert Shaffer, et ux. 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 WV Code 22-6-8"	DB 693/155 AB 25/463 DB 756/332 AB 47/1
F	04-12-15.2	Connie Postle Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 829/571 AB 47/1
G	04-11A-25.0	CNX Gas Company Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 818/553 AB 47/1
H	04-11-3.0	Harry F. Roush, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 838/381 AB 47/1
J	04-1-51.0	Glen William Conner, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 838/485 AB 47/1
K	04-11-5	Harry F. Roush, et ux. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 838/381 AB 47/1

04-11-5.0	Jodi Rae Franklin - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 888/553 AB 47/1
04-11-5.0	Rebecca Lee Kaemmerling - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 888/556 AB 47/1
04-11-5.0	Michelle Lynn Wnek - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 888/562 AB 47/1
04-11-5.0	David Brent Williams - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 888/559 AB 47/1
04-11-5.0	Robert L. Rulong - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 888/565 AB 47/1
04-11-5.0	Neil Williard Horstman - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/388 AB 47/1
04-11-5.0	Marilyn A. Jacobs - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/582 AB 47/1
04-11-5.0	Steven M. Crowe - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/576 AB 47/1

04-11-5.0	Todd Evans - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/579 AB 47/1
04-11-5.0	Lorayne Artella Fischer - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/542 AB 47/1
04-11-5.0	Scott M. Evans - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/573 AB 47/1
04-11-5.0	Dean E. Loy - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 888/568 AB 47/1
04-11-5.0	Mark A. Loy - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/570 AB 47/1
04-11-5.0	Paul R. Loy - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/551 AB 47/1
04-11-5.0	Robert Sheller - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/548 AB 47/1
04-11-5.0	Cheryl Holmes - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/545 AB 47/1

04-11-5.0	Dan Witt - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/567 AB 47/1
04-11-5.0	Earl M. Fisher - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 889/315 AB 47/1
04-11-5.0	Daniel J. Loy - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 889/288 AB 47/1
04-11-5.0	Sally Shelton -SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 889/291 AB 47/1
04-11-5.0	Cynthia L. Renner - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/562 AB 47/1
04-11-5.0	Michael Fisher - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 884/66 AB 47/1
04-11-5.0	Beth Berisford - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 884/74 AB 47/1
04-11-5.0	Patricia Orr - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/395 AB 47/1

09-1-4.4	Francis Thomas Krol, Jr. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/394 AB 47/1
09-1-4.4	William R. Levasseur, Jr. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/373 AB 47/1
04-11-5.0	Steven Fisher - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/305 AB 47/1
04-11-5.0	Jacqueline E. Ash - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/302 AB 47/1
04-11-5.0	Charles Fisher - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/299 AB 47/1
04-11-5.0	Nancy Gibson Witt - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/466 AB 47/1
04-11-5.0	Connie Fisher - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/296 AB 47/1
04-11-5.0	Thomas A. Loy - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/457 AB 47/1

04-11-5.0	Barbara A. Hemingway - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/451 AB 47/1
04-11-5.0	Mary E. Baldwin - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/463 AB 47/1
04-11-5.0	Sheryl Tamberelli - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/460 AB 47/1
04-11-5.0	Jeffrey R. Ash - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/454 AB 47/1
04-11-5.0	Constance Walker Johnston - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/430 AB 47/1
04-11-5.0	Dana H. Cutright - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/591 AB 47/1
04-11-5.0	Joseph F. Frisz - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/594 AB 47/1
04-11-5.0	Jennifer J. Ash - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 882/257 AB 47/1

04-11-5.0	James Douglas Patteson - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 884/89 AB 47/1
04-11-5.0	Jeffrey Ruhl - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/578 AB 47/1
04-11-5.0	Rickey L. Ruhl - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/572 AB 47/1
04-11-5.0	David L. Blauvelt - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/575 AB 47/1
04-11-5.0	Billie Jeanne Dunkinson - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 884/43 AB 47/1
04-11-5.0	Nancy Miller - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/581 AB 47/1
04-11-5.0	Patricia Cortelyou - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/569 AB 47/1
04-11-5.0	Cindy Lou Anderson - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/560 AB 47/1

04-11-5.0	Pamela Shook - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/566 AB 47/1
04-11-5.0	Leah Mack - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/563 AB 47/1
04-11-5.0	Scott Patteson - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 885/434 AB 47/1
04-11-5.0	James A. Blauvelt - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 883/557 AB 47/1
04-11-5.0	Diane Hirshkowitz - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 885/491 AB 47/1
04-11-5.0	Heather Mack - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 901/41 AB 47/1
04-11-5.0	Dawn Daly - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 901/53 AB 47/1
04-11-5.0	Denise Cuva - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 901/131 AB 47/1

04-11-5.0	Peggy J. Tyler - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 890/478 AB 47/1
04-11-5.0	Billie C. Rhoades - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 893/189 AB 47/1
04-11-5.0	Kelley Jo Davis - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 898/276 AB 47/1
04-11-5.0	Robert Pelaez - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 898/279 AB 47/1
04-11-5.0	Deborah Ann McMahon - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 899/255 AB 47/1
04-11-5.0	The Joseph and Nyla Wilson 2004 Trust - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 899/237 AB 47/1
04-11-5.0	Ermalee C. Skillman - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 897/592 AB 47/1
04-11-5.0	June S. Flock - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 899/532 AB 47/1

04-11-5.0	Larry Altenbaumer - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 898/519 AB 47/1
04-11-5.0	Patricia Holt AIF Pamela Meriweather - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 898/140 AB 47/1
04-11-5.0	Russel G. Perkins, Jr. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 906/194 AB 47/1
04-11-5.0	Susie Lorance - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 906/191 AB 47/1
04-11-5.0	Mary Averil Riley - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 899/449 AB 47/1
04-11-5.0	Rev. Jon S. Evans - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 901/398 AB 47/1
04-11-5.0	St. Paul United Methodist Church - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 904/338 AB 47/1
04-11-5.0	Trudy Rhoades, et al. Co-Guardians on behalf of Betty Shepard Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 902/513 AB 47/1

04-11-5.0	Travis West - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 906/197 AB 47/1	
04-11-5.0	Robert M. Allender, II - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 903/167 AB 47/1	
04-11-5.0	Emily Moss - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 903/189 AB 47/1	
04-11-5.0	Michael Bolton - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 954/1 AB 47/1	
04-11-5.0	Shauna Baur - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 961/560 AB 47/1	
04-11-5.0	Florence Hincy by AIF Charles William Snyder - Fee Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 921/291 AB 47/1	Fee
04-11-5.0	Virginia L. Davis, Christopher M. Evans, and Earl S. Evans, by Allison J. Farrell, Esquire, Special Commissioner - Fee Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 965/40 AB 47/1	Fee
04-11-5.0	Elizabeth E. Miller - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 944/382 AB 47/1	

04-11-5.0	Ralph B. Evans - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 945/542 AB 47/1	
04-11-5.0	Donna Marie Todd - Fee Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 1010/433 AB 47/1	Fee
04-11-5.0	Betsy Morgan Evans Ingstrup - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 961/77 AB 47/1	
04-11-5.0	Ralph Jeron Hogan - Fee Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 1010/442 AB 47/1	Fee
04-11-5.0	Charles L. Pierce - Fee Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 1010/439 AB 47/1	Fee
04-11-5.0	Nancy Musillami - Fee Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 1010/445 AB 47/1	Fee
04-11-5.0	Robert L. Moorhead - Fee Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 1010/433 AB 47/1	Fee
04-11A-24.0	Larry E. Yoho, et ux. 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 WV Code 22-6-8"	DB 709/39 AB 25/449 DB 756/332 AB 47/1	

M	04-11A-23.0	Larry E. Yoho, et ux. 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 WV Code 22-6-8"	DB 709/39 AB 25/449 DB 756/332 AB 47/1
N	04-11A-22.0	Homer W. White, et ux. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 818/13 AB 47/1
N	04-11A-22.0	Conner William Glen - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 838/485 AB 47/1
P	04-11A-3.0	Alvin D. Barrett, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 837/163 AB 47/1
Q	04-11A-4.0	Dale L. Whitlatch, et ux. 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 WV Code 22-6-8"	DB 711/497 AB 25/449 DB 756/332 AB 47/1
R	04-11A-5.0	Dale L. Whitlatch, et ux. 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 WV Code 22-6-8"	DB 711/497 AB 25/449 DB 756/332 AB 47/1

5	04-11A-6.0	Charles M. Henry, et ux. 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 WV Code 22-6-8"	DB 711/302 AB 25/449 DB 756/332 AB 47/1
T	04-11A-7.0	Charles M. Henry, et ux. 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 WV Code 22-6-8"	DB 711/302 AB 25/449 DB 756/332 AB 47/1
U	04-11A-8.0	Charles M. Henry, et ux. 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 WV Code 22-6-8"	DB 711/302 AB 25/449 DB 756/332 AB 47/1
V	04-11-4.0	Harry F. Roush, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 838/381 AB 47/1
W	04-11A-35.0	John Z. Garrison 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 WV Code 22-6-8"	DB 711/337 AB 25/449 DB 756/332 AB 47/1
X	04-11A-36.0	John Z. Garrison 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 WV Code 22-6-8"	DB 711/337 AB 25/449 DB 756/332 AB 47/1

Y	04-11A-37.0	Goldie M. Oliver 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 WV Code 22-6-8"	DB 711/329 AB 25/449 DB 756/332 AB 47/1
AA	09-1-4.0	Robert Trayon, Sr., et ux. - SFX 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 WV Code 22-6-8"	DB 700/243 AB 24/180 DB 756/332 AB 47/1
	09-1-4.0	Christina L. Boardwine - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/379 AB 47/1
	09-1-4.0	Francis Thomas Krol, Jr. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/394 AB 47/1
	09-1-4.0	William R. Levasseur, Jr. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/373 AB 47/1
	09-1-4.0	Joe Paul Wellman - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 745/469 AB 28/348 AB 47/1
	09-1-4.0	Margaret Ann Bonnett - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 748/115 AB 28/348 AB 47/1

09-1-4.0	Diana L. Wellman - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 753/557 AB 28/348 AB 47/1
BB 09-1-4.3	Robert L. Trayon, Jr., et ux. - SFX 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 WV Code 22-6-8"	DB 701/470 AB 24/180 DB 756/332 AB 47/1
09-1-4.3	Christina L. Boardwine - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/379 AB 47/1
09-1-4.3	Francis Thomas Krol, Jr. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/394 AB 47/1
09-1-4.3	William R. Levasseur, Jr. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/373 AB 47/1
09-1-4.3	Joe Paul Wellman - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 745/469 AB 28/348 AB 47/1
09-1-4.3	Margaret Ann Bonnett - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 748/115 AB 28/348 AB 47/1
09-1-4.3	Diana L. Wellman - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 753/557 AB 28/348 AB 47/1

cc	09-1-5.0	CNX Gas Company LLC - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 818/553 AB 47/1
	09-1-5.0	Christina L. Boardwine - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/379 AB 47/1
	09-1-5.0	Francis Thomas Krol, Jr. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/394 AB 47/1
	09-1-5.0	William R. Levasseur, Jr. - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 880/373 AB 47/1
	09-1-5.0	Joe Paul Wellman - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 745/469 AB 28/348 AB 47/1
	09-1-5.0	Margaret Ann Bonnett - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 748/115 AB 28/348 AB 47/1
	09-1-5.0	Diana L. Wellman - SFX TriEnergy Holdings, LLC Chevron U.S.A. Inc.	TriEnergy Holdings, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 753/557 AB 28/348 AB 47/1
DD	09-1-18.0	Howard E. Young by AIF Susan Young Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 797/272 AB 47/1

EE

09-1-12.0	Robert L. Clark, et al. - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 686/304 AB 30/461 AB 47/1
09-1-12.0	Kenneth Eugene Dakan, et ux. - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 688/97 AB 30/461 AB 47/1
09-1-12.0	Dollye Lee Guzek - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 688/103 AB 30/461 AB 47/1
09-1-12.0	Dorothy Sedosky - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 688/100 AB 30/461 AB 47/1
09-1-12.0	Joseph D. Dakan - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 688/86 AB 30/461 AB 47/1
09-1-12.0	Lindsey R. Thoma - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 690/576 AB 30/461 AB 47/1
09-1-12.0	Nancy D. Rackley - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 690/572 AB 30/461 AB 47/1

09-1-12.0	The Dakan Family Revocable Trust - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 690/524 AB 30/461 AB 47/1
09-1-12.0	Elaine A. Fontes, f/k/a Elaine Dakan Faite - SFX Chesapeake Appalachia, LLC Chevron U.S.A. Inc.	Chesapeake Appalachia, LLC Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 695/378 AB 30/461 AB 47/1
09-1-12.0	David H. Dakan - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 868/199 AB 47/1
09-1-12.0	Barbara D. Furfari - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 868/304 AB 47/1
09-1-12.0	Ronald W. Dakan - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 902/507 AB 47/1
09-1-12.0	Suzanne D. Swift - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 872/23 AB 47/1
09-1-12.0	Leslie M. Butts - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 884/80 AB 47/1
09-1-12.0	Diane Clare Willis - SFX Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 884/77 AB 47/1

FF	09-1-13.0	Robert A. Williams, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 847/521 AB 47/1
GG	09-1-13.3	Robert A. Williams, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 902/556 AB 47/1
HH	09-1-13.4	Robert A. Williams, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 902/556 AB 47/1
JJ	09-1-13.5	Robert A. Williams, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 902/556 AB 47/1
KK	09-1-13.7	Kenneth D. Tucker, et ux. Chevron U.S.A. Inc.	Chevron U.S.A. Inc. EQT Aurora LLC	"at least 1/8th per WV Code 22-6-8"	DB 907/48 AB 47/1
LL	09-1-13.6	Gerald E. Logsdon, et ux. 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 WV Code 22-6-8"	DB 712/532 AB 24/430 DB 756/332 AB 47/1



November 29, 2021

Via Electronic Delivery

West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th 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,

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

John Zavatchan
Project Specialist – Permitting
jzavatchan@eqt.com
724-746-9073

12/24/2021



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 M11H
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,

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

John Zavatchan
Project Specialist - Permitting

12/24/2021

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	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
Acid Chelating Agent	Citric Acid	77-92-9
Corrosion Inhibitor	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

EQT Production
Hydraulic Fracturing Monitoring Plan
Pad ID: Longworth
County: Marshall

November 22, 2021

RECEIVED
Office of Oil and Gas
DEC 01 2021
WV Department of
Environmental Protection

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**.

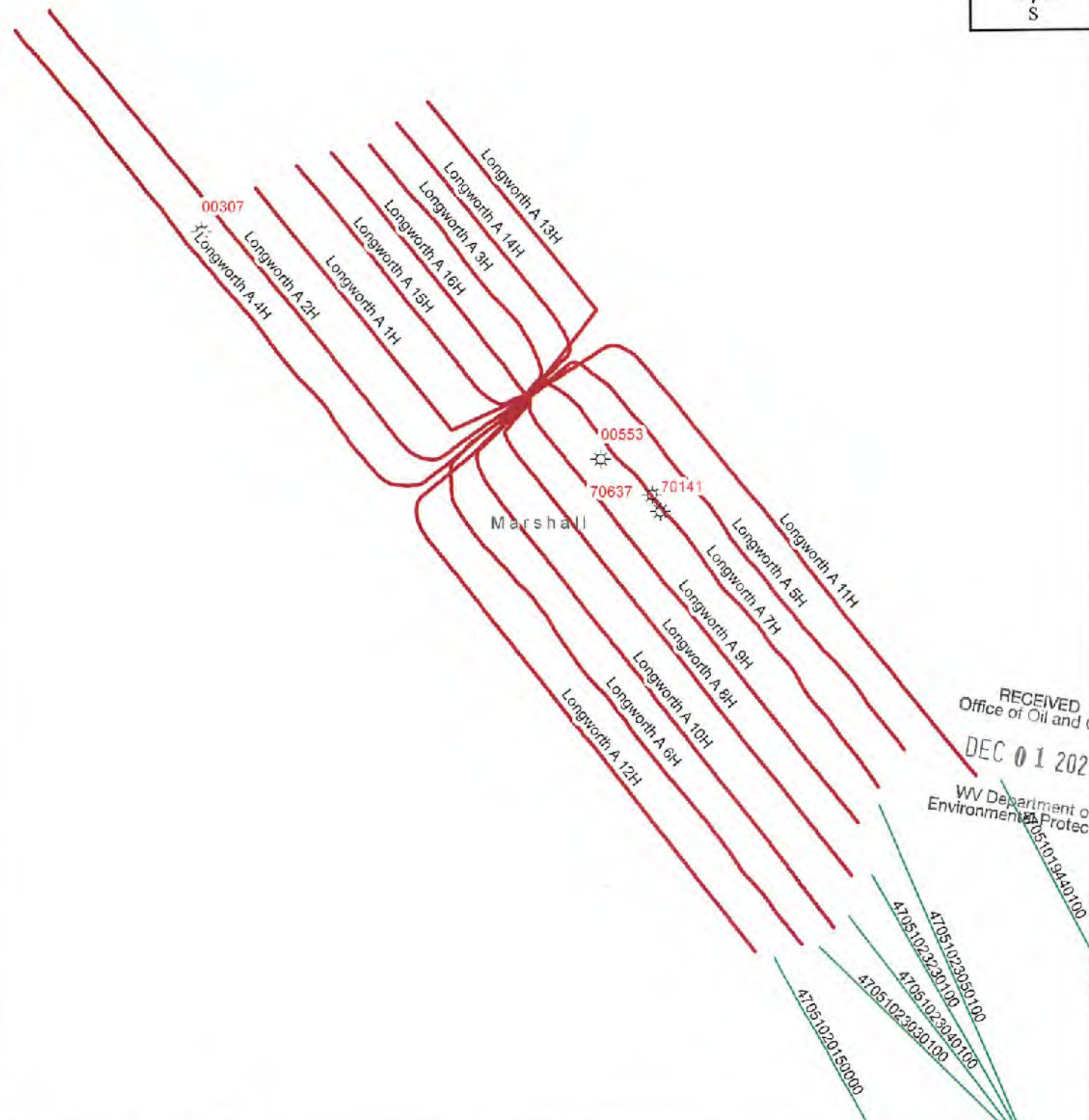
EQT will notify these operators of the hydraulic fracturing schedule for these wells, and coordinate with them throughout the fracturing process.

EQT will recommend to these operators at a minimum to:

1. Inspect their surface equipment prior to fracturing to establish integrity and establish 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
DEC 01 2021
WV Department of
Environmental Protection

EQT
EQT Corporation
625 Liberty Avenue
Pittsburgh, PA 15222

Longworth

Vertical Offsets and
Foreign Laterals
within 500'

Created By: Kellen Veltman Printed By: MCG/CO/ah 11/16/2021

Legend

- Foreign Offset Wells
- Foreign Offset Horizontals
- Well Lateral_FM

Formation

- Genesee
- 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.

2,400 1,200 0 2,400 Feet
1:31,107

1:1,646,784

OH PA WV
Wetzel

12/24/2021

UWI	ACT_STATUS	CURR_OPER	FNI_CLASS	FNI_STAT	INIT_CLASS	LATITUDE	LONGITUDE	OPER_NAME	DATUM	ELEVATION	TOT_DEPTH	TVD
00553	Completed Wells/WHCS	KENTUCKY CENTRAL & CO	NEW FIELD WILDCAT-DRY (INCLUDING TEMPORARILY ABANDONED WELL)	D&A	NEW FIELD WILDCAT	39.84403540	-80.72188190	KENTUCKY CENTRAL & CO	NAD27	1184.00	800.00	0.00
00307	Completed Wells	ARROWHEAD EXPLORATION	UNCLASSIFIED	D&A	NEW FIELD WILDCAT	39.85569700	-80.74838000	ARROWHEAD EXPLORATION	NAD27	1235.00	9000.00	0.00
70141	Completed Wells	BURT OIL CO	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	PSEUDO	PSEUDO-ORIGINAL WELL - UNKNOWN CLASS	39.84132800	-80.71792200	BURT OIL CO	NAD27	0.00	0.00	0.00
70637	Completed Wells	UNKNOWN	UNCLASSIFIED	UNKWN	UNCLASSIFIED	39.84219900	-80.71848600	UNKNOWN	NAD27	0.00	0.00	0.00

Horizontals

UWI	ACT_STATUS	CURR_OPER	FNI_CLASS	FNI_STAT	INIT_CLASS	LATITUDE	LONGITUDE	OPER_NAME	DATUM	ELEVATION	TOT_DEPTH	TVD	WELL_NAME
47051020150000	Completed Wells	TUG HILL OPERATING LLC	NEW FIELD WILDCAT-DISCOVERY	GAS	NEW FIELD WILDCAT	39.80852930	-80.69355660	TUG HILL OPERATING LLC	NAD27	1352.00	15275.00	6760.00	3N-9HM HEAVEN HILL
47051023050100	Permit	TUG HILL OPERATING LLC		PERMIT	NEW FIELD WILDCAT REDRILL	39.80860930	-80.69367060	TUG HILL OPERATING LLC	NAD27	1326.00	0.00	0.00	3N-14HM HEAVEN HILL
47051023230100	Permit	TUG HILL OPERATING LLC		PERMIT	NEW FIELD WILDCAT REDRILL	39.80853730	-80.69360060	TUG HILL OPERATING LLC	NAD27	1326.00	0.00	0.00	3N-13HM HEAVEN HILL
47051019440100	Completed Wells	TUG HILL OPERATING LLC	SUCCESSFUL OUTPOST EXTENSION	GAS-WO	WILDCAT OUTPOST REDRILL	39.80666710	-80.68117720	TUG HILL OPERATING LLC	NAD27	1310.00	15465.00	0.00	3HM TEN HIGH 1N
47051023030100	Permit	TUG HILL OPERATING LLC		PERMIT	NEW FIELD WILDCAT REDRILL	39.80855330	-80.69368760	TUG HILL OPERATING LLC	NAD27	1326.00	0.00	0.00	3N-11HM HEAVEN HILL
47051023040100	Permit	TUG HILL OPERATING LLC		PERMIT	NEW FIELD WILDCAT REDRILL	39.80854530	-80.69364360	TUG HILL OPERATING LLC	NAD27	1326.00	0.00	0.00	3N-12HM HEAVEN HILL



November 29, 2021

Via FedEx Overnight

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

RE: Well Work Permit Modification Application
Longworth M11H
Permit Number 47-051-02131
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
- DVD containing the Site-Specific Safety and Environmental Plan and Water Management Plan for all wells (Longworth M05H, M06H, M07H, M08H, M09H, M10H, M11H and M12H)

RECEIVED
Office of Oil and Gas
DEC 01 2021
WV Department of
Environmental Protection

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 Appalachia, 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 20th, 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

CHK# 590588
Amt \$2500
Date 11/12/21

12/24/2021



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**

 **47-051-01914 - mod.pdf**
1225K**12/24/2021**



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!

JZ

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 <gayne.j.knitowski@wv.gov>

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>

12/24/2021