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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, December 11, 2023  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY  
400 WOODLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for HUDSON S-10HM  
47-051-02381-00-00

**Lateral Revision**

EQT PRODUCTION COMPANY

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

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



James A. Martin  
Chief

Operator's Well Number: HUDSON S-10HM  
Farm Name: CNX LAND LLC  
U.S. WELL NUMBER: 47-051-02381-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 12/11/2023

Promoting a healthy environment.

12/15/2023

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

1) Well Operator: EQT Production Company / 306686 / Marshall / Meade / Glen Easton  
Operator ID County District Quadrangle

2) Operator's Well Number: S-10HM / Well Pad Name: Hudson

3) Farm Name/Surface Owner: CNX Land, LLC / Public Road Access: Roberts Ridge Road (CR 21)

4) Elevation, current ground: 1,346' Elevation, proposed post-construction: 1,346'

5) Well Type (a) Gas X Oil \_\_\_\_\_ Underground Storage \_\_\_\_\_

Other \_\_\_\_\_

(b) If Gas Shallow X Deep \_\_\_\_\_

Horizontal X

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Marcellus, 6,782', 51', 3,800 psi

8) Proposed Total Vertical Depth: 6,782'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17,640'

11) Proposed Horizontal Leg Length: 7,825'

12) Approximate Fresh Water Strata Depths: 90', 585', 635', 779', 929', 1049'

13) Method to Determine Fresh Water Depths: Offset wells - 051-00554, 051-00568

14) Approximate Saltwater Depths: 1,749', 1,900', 2,089'

15) Approximate Coal Seam Depths: 901'-904', 983'-989'

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 X No \_\_\_\_\_

(a) If Yes, provide Mine Info: Name: Marshall County Coal Company/Marshall County Mine

CK #0000599654 Depth: 983'-989'

# 7500 Seam: Pittsburgh

9/14/2023 Owner: Murray Energy/Consolidated Coal Company

*Strader Gower*  
11/22/2023

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18) **CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	30	New	BW	BW	120	120 ✓	561 ft <sup>3</sup> / CTS
Fresh Water	13 3/8	New	J-55	54.5	1300	1300 ✓	1460 ft <sup>3</sup> / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2425	2425 ✓	910 ft <sup>3</sup> / CTS ✓
Production	6	New	P-110	24	17,640	17,640 ✓	500' above intermediate casing
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	30	36	1.0	2333	1866	Class A	1.2
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A	1.04 - 1.20
Coal						✓	
Intermediate	9 5/8	12 3/8 - 12 1/4	0.352	3520	2816	Class A	1.04 - 1.20
Production	6	8 3/4 - 8 1/2	0.400	14580 ✓	11664	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

**PACKERS**

Kind:				
Sizes:				
Depths Set:				

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*Strader Gower*  
 11/22/2023

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

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

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): 22.94

22) Area to be disturbed for well pad only, less access road (acres): 6.18

23) Describe centralizer placement for each casing string:

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

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

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

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25) Proposed borehole conditioning procedures:

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

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

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

\*Note: Attach additional sheets as needed.

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11/22/2023

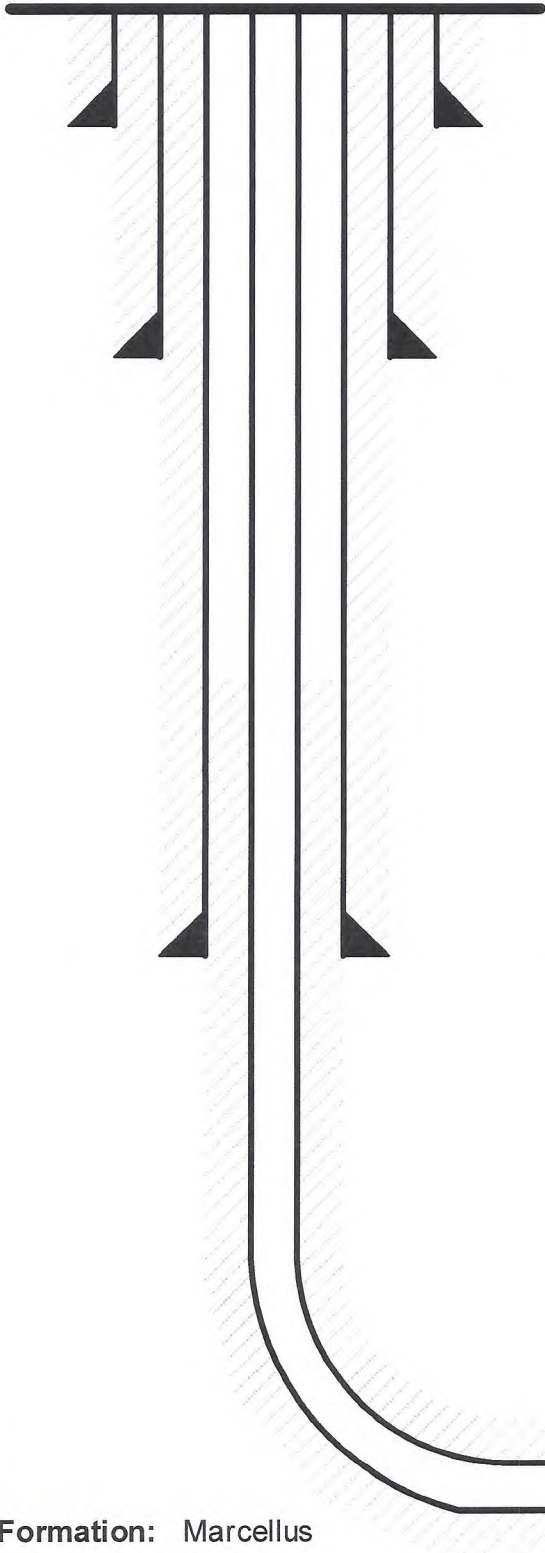


**EQT Production (Tug Hill)**

**Wellbore Diagram**

Well: Hudson S-10HM  
Pad: Hudson  
Elevation: 1346' GL 1359' KB

County: Marshall  
State: West Virginia



**Conductor @ 120'**

30", BW, BW, cement to surface w/ Class A

**Surface @ 1,300'**

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

**Intermediate @ 2,425'**

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

**Production @ 17,640' MD / 6,782' TVD**

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

**Formation: Marcellus**

*Strader Gower*

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**WEST VIRGINIA GEOLOGICAL PROGNOSIS**

HUDSON  
API  
S-002892

**Drilling Objectives:** Marcellus  
**County:** Marshall  
**Quad:** 0  
**Elevation:** 1359 KB  
**Recommended Azimuth:** 149 Degrees

1346 GL

Recommended LP to TD: **TBD**

**ESTIMATED FORMATION TOPS**

from Crawford 1V 4705101166

Formation	Top (TVD)	Base (TVD)	Lithology	Comments	Top RR	Base RR
Fresh Water Zone	1	1049		FW @ 1049,929,779,635,585,90	1335	1335
Sewickley Coal	901	904 Coal			979	979
Pittsburgh Coal	983	989 Coal		Mining?		#VALUE!
Big Lime	2065	2319 Limestone		SW @ 2089,1900,1749,		#VALUE!
Big Injun	2319	2375 Sandstone				#VALUE!
Int. csg pt	2425					
Berea	2649	3086 Sandstone		Storage?		#VALUE!
Gordon	3144	3213 Silty Sand				#VALUE!
Bayard	3354	3634 Silty Sand		<b>Base of Offset Well Perforations at 3055' TVD</b>		
Alexander	5476	5924 Silty Sand				
Elks	5924	6452 Gray Shales and Silts				
Sonyea	6452	6558 Gray shale				
Middlesex	6558	6584 Shale				
Genesee	6584	6627 Gray shale interbedded				
Genesee	6627	6655 Black Shale				
Tully	6655	6682 Limestone				
Hamilton	6682	6768 Gray shale with some				
Marcellus	6768	6819 Black Shale				
<b>-Lateral Zone</b>	<b>6782</b>			<b>Start Lateral at 6782'</b>		
Cherry Valley	6809	6811 Limestone				
Onondaga	6819	Limestone				

Target Thickness	51 feet
Max Anticipated Rock Pressure	3800 PSI

**Comments:**  
 Note that this is a TVD prog for a horizontal well (azimuth of 149 degrees; target formation = Marcellus). All measurements taken from estimated KB elevation. Water and coal information estimated from surrounding well data.  
 Intermediate casing point is recommended beneath the Big Injun to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.  
 The estimated landing point TVD is 6782', rig geologist may adjust landing point. After the well is landed, drill to reported bed dips/ geologists' recommendation. The geologic structure is unknown at this time.

**LATERAL DRILLING TOLERANCES**

**Mapview - Lateral:** Deviate as little as possible to the left or right of the planned wellbore.  
**Mapview - TD:** DO NOT EXTEND beyond recommended wellbore to avoid lease line.

**RECOMMENDED CASING POINTS**

	CSG OD		Planned Depth TVD	
<b>Fresh Water/Coal</b>	13 3/8	CSG DEPTH:	1300'	EQT proposed depth due to unconso
<b>Intermediate 1:</b>	9 5/8	CSG DEPTH:	2425'	50' Beneath the Big Injun formation
<b>Production:</b>	5 1/2	CSG DEPTH:	@ TD	

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

November 21, 2023

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**Purpose**

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Marshall County, WV prior to hydraulic fracturing at the following EQT wells on the Hudson pad: S-2HM, S-3HM, S-4HM, S-6HM, S-7HM, S-8HM, 9HM & S-10HM.

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

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

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

**1. Communications with Well Operators**

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

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

EQT will recommend to these operators at a minimum to:

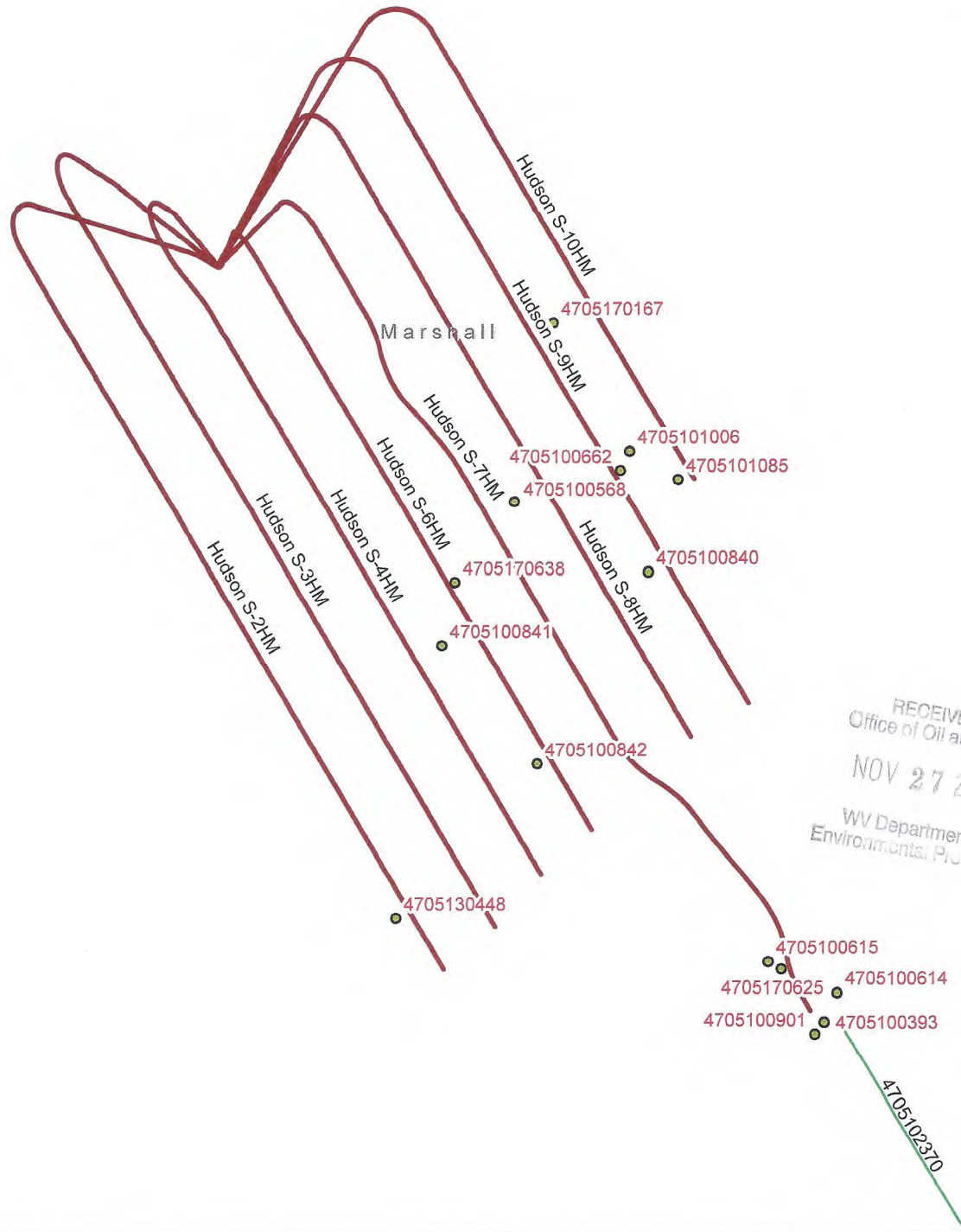
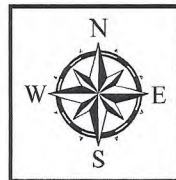
1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
3. Inspect or install master valves or other necessary equipment for wellhead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

**2. Reporting**

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

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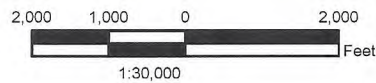
EQT Corporation  
625 Liberty Avenue  
Pittsburgh, PA 15222

### Hudson

## Vertical Offsets and Foreign Laterals within 500'

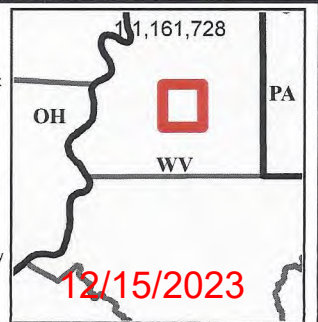
### Legend

- Well Lateral\_FM
- Formation
  - Genesee
  - Marcellus
  - Utica
- Hudson\_Offset\_Wells
- Hudson\_Offset\_Laterals



#### 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.







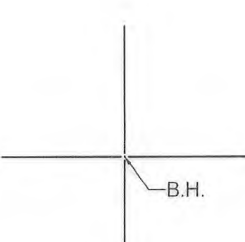


**HUDSON  
WELL S-10HM  
EQT PRODUCTION CO.**

T.H. LATITUDE 39°50'00"  
B.H. LATITUDE 39°50'00"

T.H. LONGITUDE 80°40'00"  
B.H. LONGITUDE 80°37'30"

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
3-12-22	MARSHALL COUNTY COAL CO.	6.80
3-12-22.1	CONSOL MINING CO.	145x130' LOT
3-12-24.1	KEITH PYLES	50x200' LOT
9-2-9.2	CONSOLIDATION COAL CO.	1.00
9-2-10.1	CONSOLIDATION COAL CO.	2.00
9-3-1.1	CONSOLIDATION COAL CO.	5.00
9-3-1.2	MARSHALL COUNTY COAL RESOURCES, INC.	1.00
9-3-2.1	JAMES & GINGER REGHEC	0.940
9-3-2.2	JOHN W. & RACHEL A. HOLPP	0.483
9-3-2.3	STEPHEN W. JOHNSON, III	0.591
9-3-2.4	JOHN W. & RACHEL A. HOLPP	0.618
9-3-4	GRANT M. & MALISSA D. CARTER	7.507
9-3-4.1	DANIEL WEST, ET UX.	0.986
9-3-4.2	GRANT M. & MALISSA D. CARTER	0.720
9-3-4.3	JOHN W. & RACHEL A. HOLPP	0.870
9-3-6.1	TRAVIS POSTLEWHAIT	1.0468
9-3-18.1	LLOYD ANDREW BEE, ET UX.	1.010
N/A	WV DOH (DB 318 PG 281)	N/A



(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'83 S.P.C.(FT) N. 486,174.08 E. 1,639,183.25  
 NAD'83 GEO. LAT-(N) 39.828892 LONG-(W) 80.672621  
 NAD'83 UTM (M) N. 4,408,817.45 E. 528,014.63

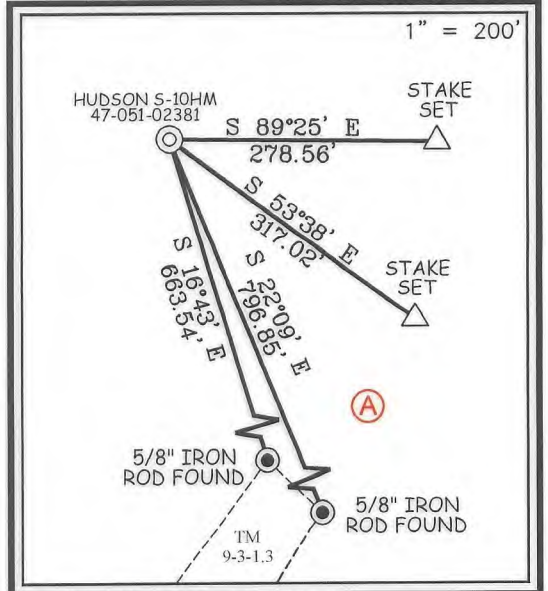
LANDING POINT

NAD'83 S.P.C.(FT) N. 489,620.21 E. 1,642,442.11  
 NAD'83 GEO. LAT-(N) 39.838468 LONG-(W) 80.661177  
 NAD'83 UTM (M) N. 4,409,883.9 E. 528,989.9

BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 482,811.6 E. 1,646,304.0  
 NAD'83 GEO. LAT-(N) 39.819914 LONG-(W) 80.647115  
 NAD'83 UTM (M) N. 4,407,829.3 E. 530,201.1

**REFERENCES**



**NOTES ON SURVEY**

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS OR DWELLINGS ≥ 2500 SQ. FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
 slswv.com

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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE NOVEMBER 16, 20 23  
 REVISED \_\_\_\_\_, 20 \_\_\_\_  
 OPERATORS WELL NO. HUDSON S-10HM  
 API WELL NO. 47 - 051 - 02381  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8911 HUDSON S-10 HM 111723-MJH.dwg  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X

LOCATION: ELEVATION 1,346.26' WATERSHED GRAVE CREEK (HUC 10)  
 DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'

SURFACE OWNER CNX LAND LLC ACREAGE 106.935±  
 ROYALTY OWNER STONE HILL MINERALS HOLDINGS LLC, ET AL ACREAGE 106.935±  
 LEASE NO. SEE WWV-6A1

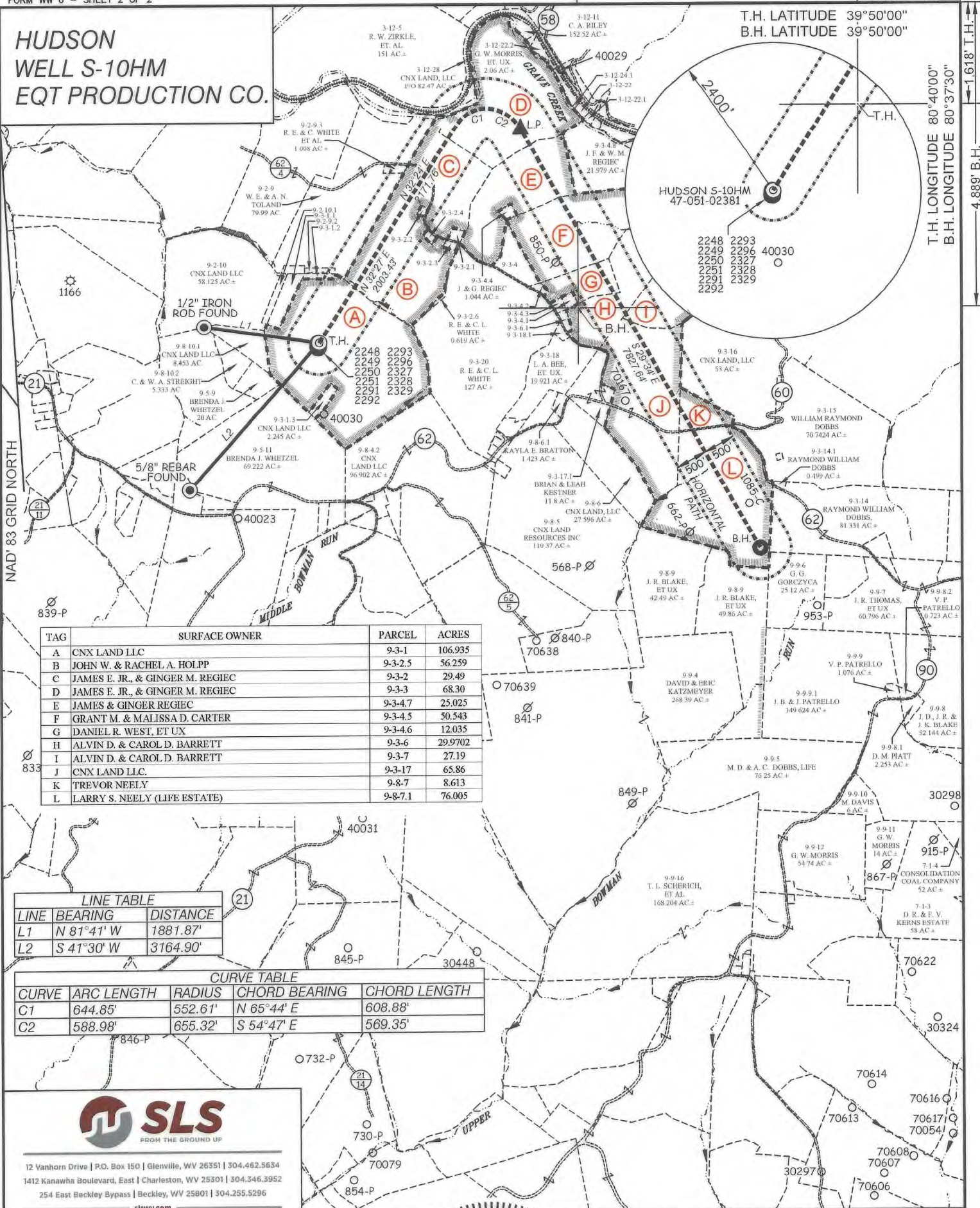
PROPOSED WORK: DRILL X CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_ OTHER \_\_\_\_\_  
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS  
 ESTIMATED DEPTH TVD: 6,782' / TMD: 17,640'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT JOSEPH C. MALLOW  
 ADDRESS 400 WOODCLIFF DRIVE ADDRESS 427 MIDSTATE DRIVE  
CANONSBURG, PA 15317 CLARKSBURG, WV 26301

COUNTY NAME  
 PERMIT



**HUDSON  
WELL S-10HM  
EQT PRODUCTION CO.**



TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND LLC	9-3-1	106.935
B	JOHN W. & RACHEL A. HOLPP	9-3-2.5	56.259
C	JAMES E. JR., & GINGER M. REGIEC	9-3-2	29.49
D	JAMES E. JR., & GINGER M. REGIEC	9-3-3	68.30
E	JAMES E. JR., & GINGER M. REGIEC	9-3-4.7	25.025
F	GRANT M. & MALISSA D. CARTER	9-3-4.5	50.543
G	DANIEL R. WEST, ET UX	9-3-4.6	12.035
H	ALVIN D. & CAROL D. BARRETT	9-3-6	29.9702
I	ALVIN D. & CAROL D. BARRETT	9-3-7	27.19
J	CNX LAND LLC	9-3-17	65.86
K	TREVOR NEELY	9-8-7	8.613
L	LARRY S. NEELY (LIFE ESTATE)	9-8-7.1	76.005

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 81°41' W	1881.87'
L2	S 41°30' W	3164.90'

CURVE TABLE				
CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	644.85'	552.61'	N 65°44' E	608.88'
C2	588.98'	655.32'	S 54°47' E	569.35'



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 slsvv.com

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
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**BOTTOM HOLE**  
 NAD'83 S.P.C. (FT) N. 482,811.6 E. 1,646,304.0  
 NAD'83 GEO. LAT-(N) 39.819914 LONG-(W) 80.647115  
 NAD'83 UTM (M) N. 4,407,829.3 E. 530,201.1



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

P.S. 677 *Gregory A. Smith*

**LEGEND**

- LEASE LINE
- SURFACE LINE
- WELL LATERAL
- OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- TAX MAP-PARCEL
- 00-00
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE WW-6A1)

SCALE 1" = 2000' FILE NO. 8911 HUDSON S-10 HM 111723-MJH.dwg  
 DATE NOVEMBER 16, 2023  
 REVISED \_\_\_\_\_, 20\_\_\_\_  
 OPERATORS WELL NO. HUDSON S-10HM  
 API WELL 47 - 051 - 02381  
 NO. STATE COUNTY PERMIT

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



DESIGNATED AGENT JOSEPH C. MALLOW  
 ADDRESS 427 MIDSTATE DRIVE  
 CLARKSBURG, WV 26301

WELL OPERATOR EQT PRODUCTION COMPANY  
 ADDRESS 400 WOODCLIFF DRIVE  
 CANONSBURG, PA 15317

COUNTY NAME PERMIT



**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
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See attached

**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

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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 *John F. Zavatchan Jr*  
 Its: Project Specialist - Permitting

Lease ID	TWP	Tier	Operator, Lessee, Etc.	Royalty	Dev'd Boon/Boys	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*26041	9-3-1	A	FREDDIE WHITE AND VIOLET WHITE	1/8*	728	527	N/A	N/A	N/A	Skagit USA Onshore Properties Inc. 204247	Cheapeake Appalachia LLC to Chevron USA Inc. 204661	Chevron USA Inc to TH Exploration LLC & TH Exploration LLC. 4/9/95	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26044	9-3-1	A	JAYE A WALLACE	1/8*	883	296	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26047	9-3-1	A	ROBERT O BLAKE AND AERIAL LIBERTY BLAKE	1/8*	883	138	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26048	9-3-1	A	LOUIE LUIS AND LOUIS LUIS	1/8*	883	599	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26049	9-3-1	A	MARY H HUBBS	1/8*	883	560	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26050	9-3-1	A	BERNARD O CROW AND KAREN S CROW	1/8*	883	627	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26051	9-3-1	A	ROBERT W KENZER	1/8*	883	644	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26052	9-3-1	A	BETTY BLAKE	1/8*	883	545	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26057	9-3-1	A	JOHN PANDYANT BRENDA S PANDY	1/8*	884	420	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26058	9-3-1	A	CAROLE J WOOD	1/8*	884	415	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26059	9-3-1	A	TERRY L BLAKE	1/8*	884	215	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26060	9-3-1	A	ROBERT C BLAKE AND LYN BLAKE	1/8*	884	333	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26061	9-3-1	A	ROBERT W AND LINDA HUBBS	1/8*	884	435	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26062	9-3-1	A	SHANNON ROSE AND CORAINE HUBBS	1/8*	884	223	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26063	9-3-1	A	FRITTY LENE AND FLOYD D BINE	1/8*	884	228	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26064	9-3-1	A	CATHARINE LEE BLAKE	1/8*	883	540	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26066	9-3-1	A	DANNY AND MARVAL BREYER	1/8*	883	36	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26067	9-3-1	A	DONALD DEAN BREYER	1/8*	883	41	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc. 204661	TH Exploration, LLC to EDT TONL Amendment No. 2 to Certificate of Formation dated August 23, 2023

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Lease ID	TOP	Tag	Grantee, Lessor, Etc.	Grantee, Lessee, Etc.	Lease	Dead Body/Tag	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*26237	9-3-1	A	WANDA AND MARYA BLAKE	CHEVRON USA INC	1/8+	888	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26238	9-3-1	A	BERCECA BLAKE	CHEVRON USA INC	1/8+	888	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26239	9-3-1	A	SUNETTA BLAKE FROCHART	CHEVRON USA INC	1/8+	888	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26241	9-3-1	A	BARBARA BLAKE MASON	CHEVRON USA INC	1/8+	901	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26292	9-3-1	A	JUDITH BLAKE	CHEVRON USA INC	1/8+	882	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26293	9-3-1	A	JAY C CUNRY	CHEVRON USA INC	1/8+	882	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26294	9-3-1	A	ICAN A GEEBER	CHEVRON USA INC	1/8+	880	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26295	9-3-1	A	ARTHUR LEE WARTCK	CHEVRON USA INC	1/8+	880	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26296	9-3-1	A	CARLE CALDWELL	CHEVRON USA INC	1/8+	883	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26297	9-3-1	A	DANNA MCKINNEY	CHEVRON USA INC	1/8+	885	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26298	9-3-1	A	JANE HENRICOSON	CHEVRON USA INC	1/8+	886	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26299	9-3-1	A	BETH WILSON DANIELA MOVANE AF	CHEVRON USA INC	1/8+	886	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*26300	9-3-1	A	JILL LOB HENNER BARNETT	CHEVRON USA INC	1/8+	886	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*27180	9-3-1	A	TAMARA SCOLICK	THE EXPLORATION LLC	1/8+	1083	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*27181	9-3-1	A	CRYSTAL THOMAS	THE EXPLORATION LLC	1/8+	1082	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*27703	9-3-1	A	DOROTHY MARINE MOORE TRUST	THE EXPLORATION LLC	1/8+	1081	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*28190	9-3-2.5	B	RUSSELL LOOSCON	THE EXPLORATION LLC	1/8+	1088	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023
10*28191	9-3-2.5	B	JANKEE BARNETT	THE EXPLORATION LLC	1/8+	1088	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSOH, Exploration LLC Certificate of Amendment No. 2 to Certificate of Amendment dated August 23, 2023

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Lease ID	TWP	Tg	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Fee/Day	Deed Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	
10*22616	9-3-17	J	JAMES TOHO AND SANDRA TOHO	THE EXPLORATION LLC	1/8*	968	281	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*22618	9-3-17	J	DANIEL TOHO	THE EXPLORATION LLC	1/8*	966	636	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*22721	9-3-17	J	WINFRED G TURNER	THE EXPLORATION LLC	1/8*	988	134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*22796	9-3-17	J	MARLENE TOHO	THE EXPLORATION LLC	1/8*	972	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*22880	9-3-17	J	GREGORY K GLOVER	THE EXPLORATION LLC	1/8*	977	85	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*22881	9-3-17	J	MARLENE GLOVER	THE EXPLORATION LLC	1/8*	977	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23033	9-3-17	J	MAKINE BESSER	THE EXPLORATION LLC	1/8*	977	346	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23094	9-3-17	J	RINA L KOMACS	THE EXPLORATION LLC	1/8*	977	346	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23107	9-3-17	J	DEE DAMON GLOVER	THE EXPLORATION LLC	1/8*	983	620	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23141	9-3-17	J	DEBORAH ALONBANDO	THE EXPLORATION LLC	1/8*	984	7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23142	9-3-17	J	KIMBERLY GLOVER	THE EXPLORATION LLC	1/8*	984	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23161	9-3-17	J	MATHEUS J GLOVER	THE EXPLORATION LLC	1/8*	983	618	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23162	9-3-17	J	AMON BOYLES AND TRACI BOYLES	THE EXPLORATION LLC	1/8*	983	622	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23163	9-3-17	J	EDWIN WOOLLEY AND DEBORAH I WOOLLEY	THE EXPLORATION LLC	1/8*	983	571	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23176	9-3-17	J	CAROL M POKO	THE EXPLORATION LLC	1/8*	984	9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23181	9-3-17	J	MICHAEL GREENWOOD AND PEGGY ANNE GREENWOOD	THE EXPLORATION LLC	1/8*	983	627	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23192	9-3-17	J	JEFFREY C TOHO	THE EXPLORATION LLC	1/8*	984	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.
10*23313	9-3-17	J	DANE DEVAULT	THE EXPLORATION LLC	1/8*	988	136	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT Tgk, Amendment No. 2 to Certificate of Formation dated August 23, 2023.

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10*2419	9-3-17	J	GARY MCPHERSON AND SHELLY ANNA MCPHERSON	18+	988	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*2420	9-3-17	J	SALY LEE ORTIZ RIVERA	18+	988	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*24751	9-3-17	J	GEORGE MARIE ROBERTS AND GEORGE W ROBERTS	18+	1027	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*24752	9-3-17	J	RICHARD A HEUSER	18+	1027	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*24753	9-3-17	J	BRUCE W JOHNSON AND TERRI L JOHNSON	18+	1027	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*25224	9-3-17	J	MAUREEN WILSON	18+	1030	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*25701	9-3-17	J	TIMOTHY ARBUS AND BARBARA ARBUS	18+	1034	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*25716	9-3-17	J	RUSSELL BRIDGEMAN	18+	1035	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*26406	9-3-17	J	RUPES LEHIGH VENTURES, LLC	18+	1033	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*26410	9-3-17	J	MACCELLUS T. MINERAL, P/RINC LTD	18+	1034	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*26411	9-3-17	J	PENNSYLVANIA RESOURCES LP	18+	1034	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*26412	9-3-17	J	MACROW ENERGY PARTNERS, LLC	18+	1034	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*26413	9-3-17	J	VALDES MINERAL INTERESTS, LLC	18+	1034	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*26414	9-3-17	J	APPALACHIAN BASIN MINERALS LP	18+	1034	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*26631	9-3-17	J	JOSEPH R ZEDIGER	18+	1039	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*27106	9-3-17	J	JASMINE LEDOH HALL PERALDO ROBERT HALL	18+	1050	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*27229	9-3-17	J	KENNETH ANDERSON	18+	1068	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023
10*28092	9-3-17	J	WV DEPT OF TRANSPORTATION DIV OF HIGHWAYS	18+	1073	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EST Tech Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 13, 2023

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10*28647	9-3-17	J	BRYAN SLENNER	THE EXPLORATION LLC	18+	1076	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Formation dated August 23, 2023
10*28648	9-3-17	J	JANE D BEARDEN AND WILLIAM L BEARDEN	THE EXPLORATION LLC	18+	1086	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Formation dated August 23, 2023
10*28649	9-3-17	J	WYSTO UNCLAIMED PROPERTY	THE EXPLORATION LLC	18+	1096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28650	9-3-17	J	BRODIE S ELMER	THE EXPLORATION LLC	18+	1096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28651	9-3-17	J	SACHAL MARA MCCLANDY	THE EXPLORATION LLC	18+	1096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28652	9-3-17	J	HARRY ALBERT RICHARDSON	THE EXPLORATION LLC	18+	1096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28653	9-3-17	J	JANET M SMITH	THE EXPLORATION LLC	18+	1096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28654	9-3-17	J	WYSTO UNCLAIMED PROPERTY	THE EXPLORATION LLC	18+	1096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*28655	9-3-17	J	WYSTO UNCLAIMED PROPERTY	THE EXPLORATION LLC	18+	1096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*31002	9-3-17	J	MARLYN FEUSER	CHEVRON USA INC	18+	791	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31003	9-3-17	J	GARY KEITH BERGER	CHEVRON USA INC	18+	793	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31004	9-3-17	J	JAMES S WILSON	CHEVRON USA INC	18+	793	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31005	9-3-17	J	CAROL ELMORE	CHEVRON USA INC	18+	793	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31006	9-3-17	J	NORMAN V PRINCO	CHEVRON USA INC	18+	794	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31007	9-3-17	J	MARGARET LEE HALL	CHEVRON USA INC	18+	795	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31008	9-3-17	J	ILUWANE EKOOS	CHEVRON USA INC	18+	795	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31009	9-3-17	J	MARVIN C WILSON	CHEVRON USA INC	18+	795	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31010	9-3-17	J	JAMES P OWES	CHEVRON USA INC	18+	797	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to ODT TDR, Exploration LLC Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Well ID	THP	TH	TH	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	
10P31013	9-3-17	J	J	BERTHIAUX NUGS	CHEVRON USA INC	1/8+	797	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31014	9-3-17	J	J	CHERYL FOX BRAUCH	CHEVRON USA INC	1/8+	800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31015	9-3-17	J	J	CAROL FOX VALLANDINGHAM	CHEVRON USA INC	1/8+	800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31016	9-3-17	J	J	JESSICA M CHAVEZ	CHEVRON USA INC	1/8+	804	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31017	9-3-17	J	J	PHILIP A WILSON	CHEVRON USA INC	1/8+	805	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31018	9-3-17	J	J	JUANITA S HATCH LIVING TRUST DTD 2/26/1998	CHEVRON USA INC	1/8+	831	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31019	9-3-17	J	J	EDWARD WILSON	CHEVRON USA INC	1/8+	833	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31020	9-3-17	J	J	MATTHEW L GROSSMANT	CHEVRON USA INC	1/8+	838	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31021	9-3-17	J	J	TROY THOMAS WILSON	CHEVRON USA INC	1/8+	828	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31022	9-3-17	J	J	ELLA JEAN MCCARLE	CHEVRON USA INC	1/8+	828	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31027	9-3-17	J	J	LOU ANN GROSSMANT	CHEVRON USA INC	1/8+	829	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31029	9-3-17	J	J	JESSE ALLEN WILSON	CHEVRON USA INC	1/8+	831	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31034	9-3-17	J	J	APRIL DAWN HOGAN	CHEVRON USA INC	1/8+	835	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31035	9-3-17	J	J	KIMBERLY JOE PFEISON	CHEVRON USA INC	1/8+	835	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31036	9-3-17	J	J	JOSEPH RICHARD FOX	CHEVRON USA INC	1/8+	800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31043	9-3-17	J	J	DANIE M BAYLESS	CHEVRON USA INC	1/8+	798	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31044	9-3-17	J	J	DERING M WILSON	CHEVRON USA INC	1/8+	798	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023
10P31045	9-3-17	J	J	DAVID H WILSON	CHEVRON USA INC	1/8+	777	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TH Exploration I, LLC to EOT 19th Amendment to Certificate of Formation dated August 23, 2023

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10*1046	9-3-17	J	SANDRA JEAN WILSON	CHEVRON USA INC	1/8+	784	605	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1047	9-3-17	J	MARY CHRISTINE MCKENNA	CHEVRON USA INC	1/8+	795	49	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1048	9-3-17	J	AURANCE WILSON	CHEVRON USA INC	1/8+	800	154	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1049	9-3-17	J	ROBERT ARCHER	CHEVRON USA INC	1/8+	803	45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1050	9-3-17	J	GAYBINE JEAN CONNELLY	CHEVRON USA INC	1/8+	803	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1051	9-3-17	J	STEVAN ARCHER	CHEVRON USA INC	1/8+	803	38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1052	9-3-17	J	WILLIAM WISE	CHEVRON USA INC	1/8+	805	407	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1069	9-3-7	K	IMODRYN NEELY	THE EXPLORATION LLC	1/8+	1090	135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1071	9-3-7	K	BRAD NEELY	THE EXPLORATION LLC	1/8+	1090	133	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1072	9-3-7	K	TAMMI SUE MCCONALD	THE EXPLORATION LLC	1/8+	1090	137	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1033	9-3-7	K	STEVAN NEELY	THE EXPLORATION LLC	1/8+	1091	505	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1092	WYOOH	J	INVT DEPT OF TRANSPORTATION DIV OF HIGHWAYS	THE EXPLORATION LLC	1/8+	1093	370	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*1068	9-3-7.1	M	HOLLY MARIE BEERSGLE	THE EXPLORATION LLC	1/8+	1078	47	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	The Exploration, LLC to EOT TSHL, Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

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## ASSIGNMENT AGREEMENT

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

### RECITALS

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

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

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

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

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

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

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

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

**AGREEMENTS**

Section 1. ***Assignment.***

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

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

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

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

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

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

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

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

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

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

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

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

[Signature pages follow.]

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

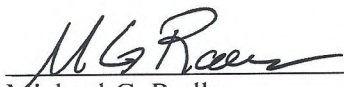
**UPSTREAM ASSIGNOR:**

**THQ Appalachia I, LLC**

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

**MIDSTREAM ASSIGNOR:**

**THQ-XcL Holdings I, LLC**

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

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**EPC:**

**EQT Production Company**

DocuSigned by:  
*Toby Rice*  
By: \_\_\_\_\_  
Name: Toby Z. Rice  
Title: President

**UPSTREAM ASSIGNEE:**

**EQT Acquisition HoldCo LLC**

DocuSigned by:  
*Toby Rice*  
By: \_\_\_\_\_  
Name: Toby Z. Rice  
Title: President

**MIDSTREAM ASSIGNEE:**

**EQT Midstream HoldCo LLC**

DocuSigned by:  
*Toby Rice*  
By: \_\_\_\_\_  
Name: Toby Z. Rice  
Title: President

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Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Jane Nelson  
Secretary of State

## Office of the Secretary of State

September 14, 2023

Attn: CT CORPORATION SYSTEM

CT Corporation System  
701 Brazos Street, Ste. 720  
Austin, TX 78701 USA

-----  
RE: EQT TGHL Exploration II LLC  
File Number: 802423622

It has been our pleasure to file the Certificate of Amendment for the referenced entity. Enclosed is the certificate evidencing filing. Payment of the filing fee is acknowledged by this letter.

If we may be of further service at any time, please let us know.

Sincerely,

Corporations Section  
Business & Public Filings Division  
(512) 463-5555

Enclosure

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*Come visit us on the internet at <https://www.sos.texas.gov/>*

Phone: (512) 463-5555  
Prepared by: Bernadette DeJoya

Fax: (512) 463-5709  
TID: 10323

Dial: 7-1-1 for Relay Services  
Document: 1277630700604

12/15/2023



## Office of the Secretary of State

### CERTIFICATE OF FILING OF

EQT TGHL Exploration II LLC  
802423622

[formerly: TH Exploration II, LLC]

The undersigned, as Secretary of State of Texas, hereby certifies that a Certificate of Amendment for the above named entity has been received in this office and has been found to conform to the applicable provisions of law.

ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the secretary by law, hereby issues this certificate evidencing filing effective on the date shown below.

Dated: 08/23/2023

Effective: 08/23/2023

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Environmental Protection



A handwritten signature in black ink that reads "Jane Nelson".

Jane Nelson  
Secretary of State



**CERTIFICATE OF AMENDMENT  
TO  
CERTIFICATE OF FORMATION  
OF  
TH EXPLORATION II, LLC**

In accordance with the Texas Business Organizations Code (as amended, the “*TBOC*”), the undersigned party, pursuant to Section 3.053 of the TBOC, adopts this Certificate of Amendment to Certificate of Formation and states as follows:

**ARTICLE I**

Name

The name of the filing entity is TH Exploration II, LLC (the “*Company*”).

**ARTICLE II**

Limited Liability Company

The Company is a limited liability company formed pursuant to a Certificate of Formation filed by the Company with the Secretary of State of the State of Texas on March 28, 2016 (the “*Certificate of Formation*”). The file number issued to the filing entity is 802423622.

**ARTICLE III**

First Amendment

Article I of the Certificate of Formation is hereby amended and restated in its entirety as follows (the “*First Amendment*”):

**“ARTICLE I**

The filing entity being formed is a domestic limited liability company. The name of the Company is EQT TGHL Exploration II LLC.”

**ARTICLE IV**

Second Amendment

Article II of the Certificate of Formation is hereby amended and restated in its entirety as follows (the “*Second Amendment*”):

**“ARTICLE II**

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12/15/2023

The street address of the registered office of the Company is 701 Brazos Street, Ste. 720, Austin, TX, 78701. The name of its registered agent at such address is CT Corporation System.”

## ARTICLE V

### Third Amendment

Article III of the Certificate of Formation is hereby amended and restated in its entirety as follows (the “*Third Amendment*”):

### “ARTICLE III

The Company is to be managed by its Managers. The name and address of the initial Managers are as follows:

<u>Name</u>	<u>Address</u>
Toby Z. Rice	625 Liberty Ave., Suite 1700, Pittsburgh, PA, 15222
Sarah Fenton	625 Liberty Ave., Suite 1700, Pittsburgh, PA, 15222
J.E.B. Bolen	625 Liberty Ave., Suite 1700, Pittsburgh, PA, 15222”

## ARTICLE VI

### Statement of Approval

The First Amendment, Second Amendment and Third Amendment have been approved in the manner required by the TBOC and by the governing documents of the Company.

[signature page follows]

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**IN WITNESS WHEREOF**, the undersigned has executed this Certificate of Amendment this 23<sup>rd</sup> day of August, 2023.

DocuSigned by:  
*Toby Z. Rice*  
80FD86DE1BF34F8...

---

Name: Toby Z. Rice  
Title: Manager and President

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## Office of the Secretary of State

### CERTIFICATE OF FILING OF

EQT TGHL Exploration LLC  
801979955

[formerly: TH Exploration, LLC]

The undersigned, as Secretary of State of Texas, hereby certifies that a Certificate of Amendment for the above named entity has been received in this office and has been found to conform to the applicable provisions of law.

ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the secretary by law, hereby issues this certificate evidencing filing effective on the date shown below.

Dated: 08/23/2023

Effective: 08/23/2023

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A handwritten signature in black ink that reads "Jane Nelson".

Jane Nelson  
Secretary of State



**CERTIFICATE OF AMENDMENT NO. 2  
TO  
CERTIFICATE OF FORMATION  
OF  
TH EXPLORATION, LLC**

In accordance with the Texas Business Organizations Code (as amended, the “*TBOC*”), the undersigned party, pursuant to Section 3.053 of the TBOC, adopts this Certificate of Amendment No. 2 to Certificate of Formation and states as follows:

**ARTICLE I**

Name

The name of the filing entity is TH Exploration, LLC (the “*Company*”).

**ARTICLE II**

Limited Liability Company

The Company is a limited liability company formed pursuant to a Certificate of Formation filed by the Company with the Secretary of State of the State of Texas on April 28, 2014 (as amended from time to time, the “*Certificate of Formation*”). The file number issued to the filing entity is 801979955.

**ARTICLE III**

First Amendment

Article I of the Certificate of Formation is hereby amended and restated in its entirety as follows (the “*First Amendment*”):

“**ARTICLE I**

The filing entity being formed is a domestic limited liability company. The name of the Company is EQT TGHL Exploration LLC.”

**ARTICLE IV**

Second Amendment

Article II of the Certificate of Formation is hereby amended and restated in its entirety as follows (the “*Second Amendment*”):

“**ARTICLE II**

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The street address of the registered office of the Company is 701 Brazos Street, Ste. 720, Austin, TX, 78701. The name of its registered agent at such address is CT Corporation System.”

**ARTICLE V**

Third Amendment

Article III of the Certificate of Formation is hereby amended and restated in its entirety as follows (the “*Third Amendment*”):

**“ARTICLE III**

The Company is to be managed by its Managers. The name and address of the initial Managers are as follows:

<u>Name</u>	<u>Address</u>
Toby Z. Rice	625 Liberty Ave., Suite 1700, Pittsburgh, PA, 15222
Sarah Fenton	625 Liberty Ave., Suite 1700, Pittsburgh, PA, 15222
J.E.B. Bolen	625 Liberty Ave., Suite 1700, Pittsburgh, PA, 15222”

**ARTICLE VI**

Statement of Approval

The First Amendment, Second Amendment and Third Amendment have been approved in the manner required by the TBOC and by the governing documents of the Company.

[signature page follows]

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Environmental Protection



**IN WITNESS WHEREOF**, the undersigned has executed this Certificate of Amendment this 23<sup>rd</sup> day of August, 2023.

DocuSigned by:  
*Toby Z. Rice*  
60FD86DE1BF34F8...

---

Name: Toby Z. Rice  
Title: Manager and President

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November 22, 2023

*Via FedEx Overnight Delivery*

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

RE: Horizontal Well Work Permit Application Modification – EXPEDITED REVIEW REQUESTED  
Hudson S-10HM  
Permit Number 47-051-02381  
Meade District, Marshall County, WV

WVDEP Recipient,

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

- Check in the amount \$2,500.00 for the permit fee and an additional \$5,000.00 for the expedited permit modification fee
- Completed WW-6B and supporting documents, approved by the O&G Inspector
- Well Location Plat
- Completed Form WW-6A1 and supporting documentation
- Hydraulic Fracturing Monitoring Plan
- Offset Well Map and Table

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

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

Best Regards,

John Zavatchan  
Project Specialist – Permitting  
[jzavatchan@eqt.com](mailto:jzavatchan@eqt.com)  
724-746-9073

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