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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-6HM  
47-051-02377-00-00

**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-6HM  
Farm Name: CNX LAND LLC  
U.S. WELL NUMBER: 47-051-02377-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 12/11/2023

Promoting a healthy environment.

12/15/2023

WW-6B  
(04/15)

API NO. 47-051 - 02377 ✓

OPERATOR WELL NO. S-6HM

Well Pad Name: Hudson

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-6HM 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  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, 6,782', 51', 3,800 psi

8) Proposed Total Vertical Depth: 6,782'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17,113'

11) Proposed Horizontal Leg Length: 9,922'

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  No

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(a) If Yes, provide Mine Info: Name: Marshall County Coal Company/Marshall County Mine  
Depth: 983'-989'  
Seam: Pittsburgh  
Owner: Murray Energy/Consolidated Coal Company

CK#0000 5991653  
# 7500  
9/14/2023

*Strader Gower*

11/22/2023

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 ✓	634 ft <sup>3</sup> / CTS
Fresh Water	13 3/8	New	J-55	54.5	1112	1112 ✓	1403 ft <sup>3</sup> / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2425	2425 ✓	1050 ft <sup>3</sup> / CTS
Production	6	New	P-110	24	17113	17113 ✓	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	2740	2192	Class A	1.2
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:				RECEIVED Office of Oil and Gas  NOV 27 2023  WV Department of Environmental Protection
Sizes:				
Depths Set:				

*Strader Gower*  
11/22/2023

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.

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\*Note: Attach additional sheets as needed.

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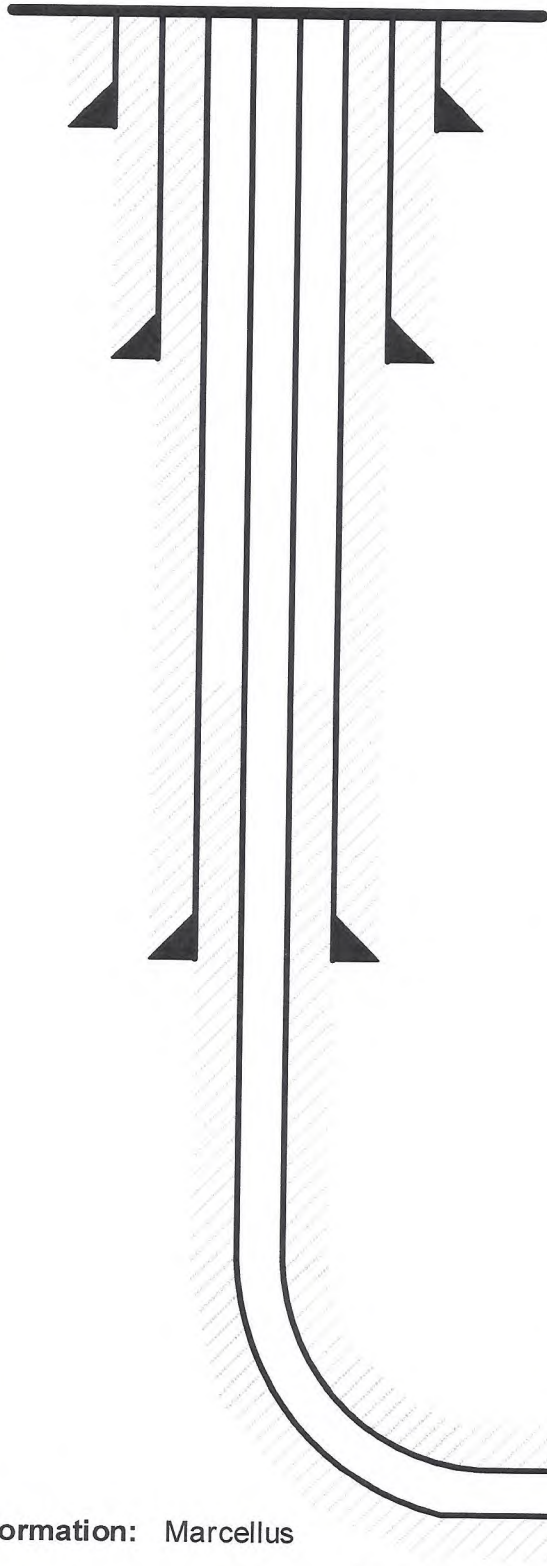
Page 3 of 3  
12/15/2023

**EQT Production (Tug Hill)**

**Wellbore Diagram**

Well: Hudson S-6HM  
Pad: Hudson  
Elevation: 1346' GL 1359' KB

County: Marshall  
State: West Virginia



**Conductor @ 120'**  
30", BW, BW, cement to surface w/ Class A

**Surface @ 1,112'**  
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 @ 17,113' MD / 6,782' TVD**  
6", 24#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

**Formation: Marcellus**

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NOT TO SCALE

**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	Base of Offset Well Perforations at 3055' TVD		
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			
-Lateral Zone	6782			Start Lateral at 6782'		
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 unconsi
<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:

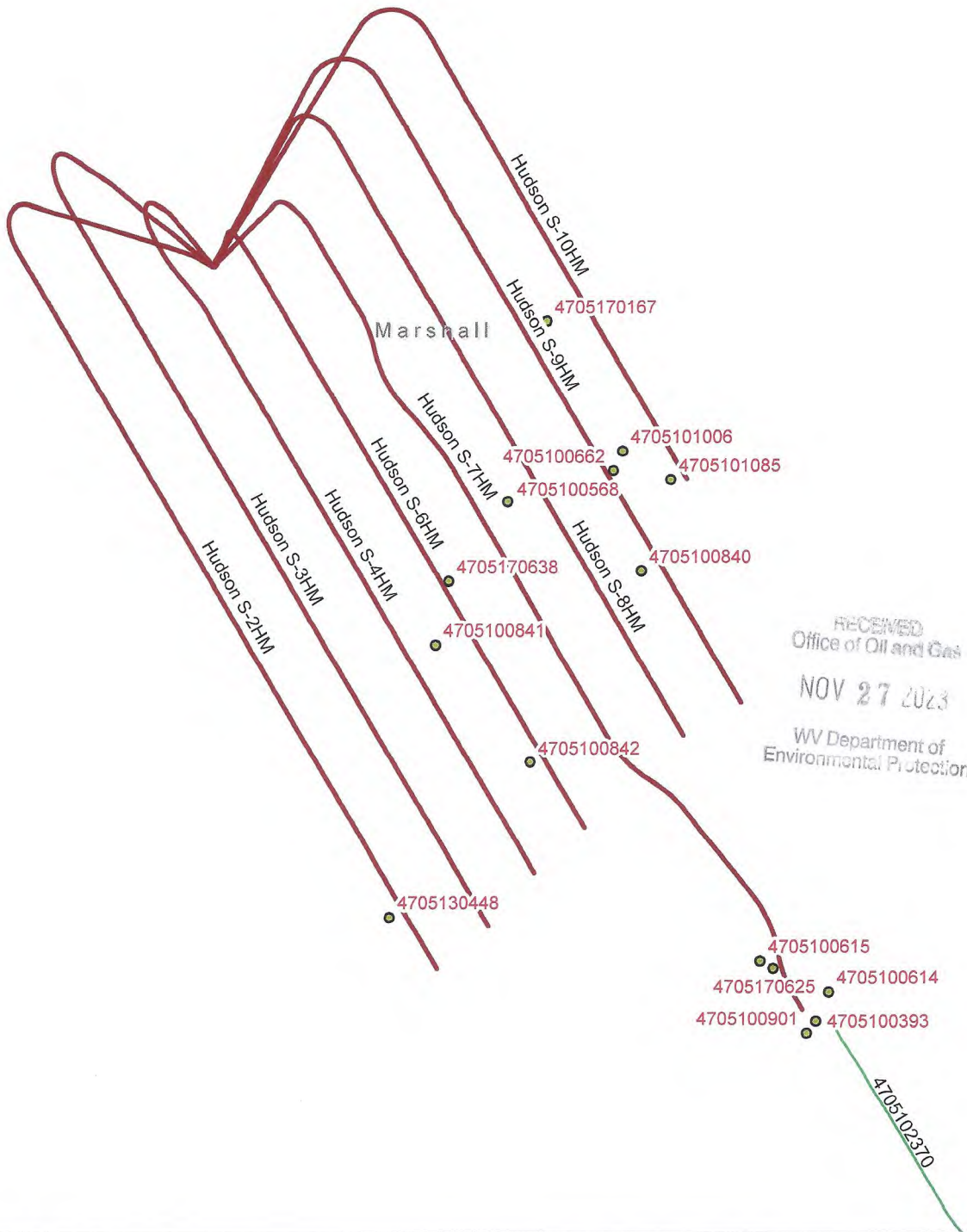
1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
3. Inspect or install master valves or other necessary equipment for wellhead 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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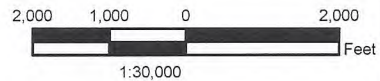
EQT Corporation  
625 Liberty Avenue  
Pittsburgh, PA 15222

Hudson

### Vertical Offsets and Foreign Laterals within 500'

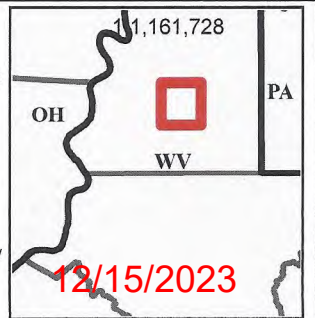
### Legend

- 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.



API Well Id	API Well 12	ElevationG	ElevationK	ENVOperato	ENWellSta	ENWellTyp	InitialOpe	Latitude	Longitude	MD FT	TVD FT	WellName	WellSymbol
4705100581	4705100581-00	1339	1347	CONSOLIDATION COAL COMPANY	P & A	GAS	CONSOLIDATION COAL COMPANY	39.757417	-80.640221	3022	3022	DOBBS, JOHN & LECRA, M. 18	GAS-P & A
4705100582	4705100582-00	1332	1341	CONSOLIDATION COAL COMPANY	P & A	OTHER	MCELROY COAL COMPANY	39.813292	-80.660716	0	0	0 MILLER, WILDA H M-38	OTHER-P & A
4705100583	4705100583-00	1326	1215	CONSOLIDATION COAL COMPANY	P & A	OTHER	MCELROY COAL COMPANY	39.829278	-80.640738	0	0	0 CONSOLIDATION COAL CO. M-318	OTHER-P & A
4705100584	4705100584-00	1375	1384	CONSOLIDATION COAL COMPANY	P & A	OTHER	MCELROY COAL COMPANY	39.759595	-80.650553	0	0	0 MILLER, WILDA H M-39	OTHER-P & A
4705100585	4705100585-00	1302	1311	CONSOLIDATION COAL COMPANY	P & A	UNREPORTED	(INA)	39.821074	-80.642479	0	0	0 J.B. WAT	UNREPORTED-UNREPORTED
4705100586	4705100586-00	1305	1311	CONSOLIDATION COAL COMPANY	P & A	UNREPORTED	(INA)	39.759595	-80.650553	0	0	0 J.B. WAT	UNREPORTED-UNREPORTED
4705100587	4705100587-00	1305	1311	CONSOLIDATION COAL COMPANY	P & A	UNREPORTED	(INA)	39.813292	-80.660716	0	0	0 MILLER, WILDA H M-39	UNREPORTED-UNREPORTED
4705100588	4705100588-00	1365	1354	CONSOLIDATION COAL COMPANY	P & A	OTHER	CHX GAS COMPANY	39.813292	-80.640738	0	0	0 WATSON, WILSON JR	GAS-P & A
4705100589	4705100589-00	1285	1376	BIOTERRA ENERGY	P & A	OTHER	MCELROY COAL COMPANY	39.813292	-80.640738	4206	4206	0 WATSON, WILSON JR	OTHER-P & A
4705100590	4705100590-00	1285	1376	BIOTERRA ENERGY	P & A	OTHER	MCELROY COAL COMPANY	39.813292	-80.640738	4206	4206	0 WATSON, WILSON JR	OTHER-P & A
4705100591	4705100591-00	1285	1376	BIOTERRA ENERGY	P & A	OTHER	MCELROY COAL COMPANY	39.813292	-80.640738	4206	4206	0 WATSON, WILSON JR	OTHER-P & A
4705100592	4705100592-00	1285	1376	BIOTERRA ENERGY	P & A	OTHER	MCELROY COAL COMPANY	39.813292	-80.640738	4206	4206	0 WATSON, WILSON JR	OTHER-P & A
4705100593	4705100593-00	1285	1376	BIOTERRA ENERGY	P & A	OTHER	MCELROY COAL COMPANY	39.813292	-80.640738	4206	4206	0 WATSON, WILSON JR	OTHER-P & A
4705100594	4705100594-00	1285	1376	BIOTERRA ENERGY	P & A	OTHER	MCELROY COAL COMPANY	39.813292	-80.640738	4206	4206	0 WATSON, WILSON JR	OTHER-P & A
4705100595	4705100595-00	1065	1289	COTERRA ENERGY	P & A	UNREPORTED	HOPE NATURAL GAS COMPANY	39.820249	-80.651127	3201	3201	3201 HUBBS1	UNREPORTED-UNREPORTED
4705100596	4705100596-00	1065	1289	COTERRA ENERGY	P & A	UNREPORTED	HOPE NATURAL GAS COMPANY	39.820249	-80.651127	3201	3201	3201 HUBBS1	UNREPORTED-UNREPORTED
4705100597	4705100597-00	1260	1289	COTERRA ENERGY	P & A	UNREPORTED	HOPE NATURAL GAS COMPANY	39.820249	-80.651127	3150	3150	3150 CHAPLIN 1	UNREPORTED-UNREPORTED
4705100598	4705100598-00	1260	1289	COTERRA ENERGY	P & A	UNREPORTED	HOPE NATURAL GAS COMPANY	39.820249	-80.651127	3150	3150	3150 CHAPLIN 1	UNREPORTED-UNREPORTED

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481 (WV) Un 47-051-00370-020 46 (WV) 14 1383 Elevations 1469 SOUTHWESTERN ENERGY ENWOperate PRODUCING ENWWellSta GAS ENWWellTyp SWN PROD InitialOps Latitude 39.767199 Longitude -80.615794 MD FT 2005 TVD FT 7182.67 CLADYS BRIGGS MSH 54 WellName GAS PRODUCING WellSymbol

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**HUDSON  
WELL S-6HM  
EQT PRODUCTION CO.**

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

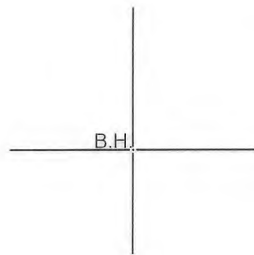
T.H. LONGITUDE 80°40'00"  
B.H. LONGITUDE 80°37'30"

10,159' B.H.

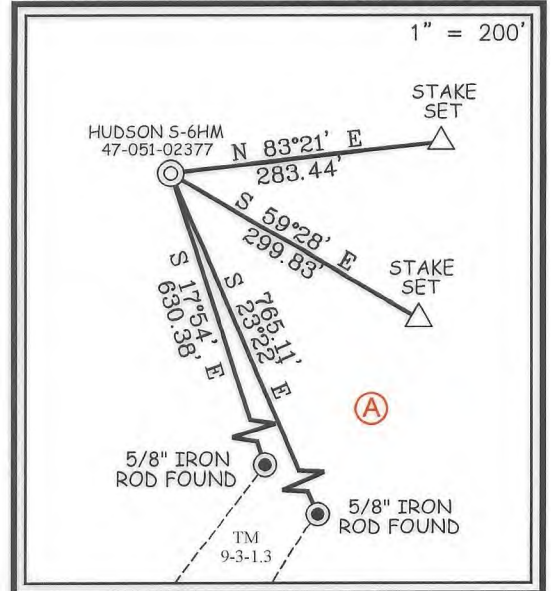
MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-3-1.1	CONSOLIDATION COAL CO.	5.00
9-3-1.2	MARSHALL COUNTRY COAL RESOURCES	1.00
N/A	NEW BETHEL CEMETERY	1.90
N/A	SCHOOL LOT	0.10
P/O 9-3-19	RAYMOND E. & CINDY L. WHITE (PARCELS 2 & 3)	0.50
9-8-4.1	CNX LAND LLC	0.333
9-8-5.1	RAYMOND E. & CINDY L. WHITE	1.04
9-9-16.1	NAUVOO CEMETERY ASSOCIATION INC.	0.126
9-9-17	NAUVOO CEMETERY ASSOCIATION INC.	1.0
9-9-22	GARY W. MORRIS	0.15
9-8-4	DONALD M. & THERESA L. HARRIS	3.183
9-8-3	CHURCH OF CHRIST	2.50
9-8-1	CNX LAND CO. LLC	1
9-5-11.1	MARK H. FOX	2.619
9-8-6	CNX LAND LLC	27.59

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

NAD'83 S.P.C.(FT)	N. 486,138.42	E. 1,639,180.25
NAD'83 GEO.	LAT-(N) 39.828794	LONG-(W) 80.672630
NAD'83 UTM (M)	N. 4,408,806.57	E. 528,013.90
<b>LANDING POINT</b>		
NAD'83 S.P.C.(FT)	N. 486,194.9	E. 1,639,786.3
NAD'83 GEO.	LAT-(N) 39.828971	LONG-(W) 80.670475
NAD'83 UTM (M)	N. 4,408,826.9	E. 528,198.3
<b>BOTTOM HOLE</b>		
NAD'83 S.P.C.(FT)	N. 477,561.1	E. 1,644,683.5
NAD'83 GEO.	LAT-(N) 39.805444	LONG-(W) 80.652645
NAD'83 UTM (M)	N. 4,406,221.5	E. 529,734.2



**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'.
- TAX MAP LOCATION FOR 9-5-9 & 9-5-10 IS INCORRECT. 9-5-9'S DEED CALLS FOR BEING A RESERVATION OF 20 ACRES LYING ON THE NORTHEAST SIDE OF ROAD. THEREFORE MAKING THE ACREAGE ASSESSMENT INCORRECT DUE TO THE OUT SALES OF 9-5-10.1 AND 9-5-10.2.



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.5952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
slsvv.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 20, 20 23  
REVISED \_\_\_\_\_, 20 \_\_\_\_  
OPERATORS WELL NO. HUDSON S-6HM  
API WELL NO. 47 - 051 - 02377  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8911-EQT-H S6HM-231120-MRH.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

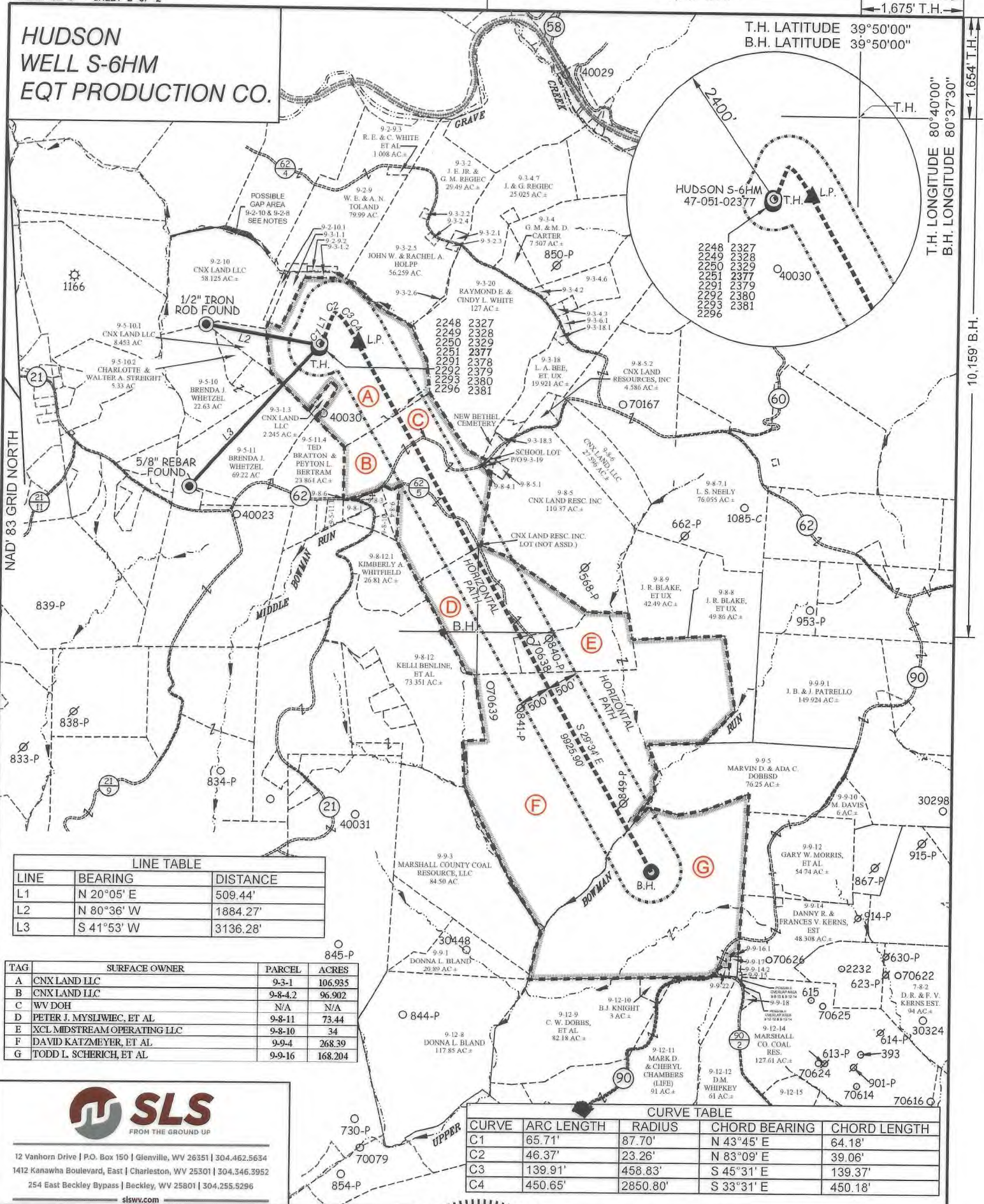


WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X  
LOCATION: ELEVATION 1,346.26' WATERSHED GRAVE CREEK (HUC 10)  
DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'  
SURFACE OWNER CNX LAND LLC ACREAGE 106.935±  
ROYALTY OWNER STONE HILL MINERALS HOLDINGS LLC, ET AL ACREAGE 106.935±  
PROPOSED WORK: LEASE NO. SEE WWW-8AT  
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: 17,113'

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-6HM  
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"

HUDSON S-6HM  
47-051-02377

LINE TABLE

LINE	BEARING	DISTANCE
L1	N 20°05' E	509.44'
L2	N 80°36' W	1884.27'
L3	S 41°53' W	3136.28'

TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND LLC	9-3-1	106.935
B	CNX LAND LLC	9-8-4.2	96.902
C	WV DOH	N/A	N/A
D	PETER J. MYSLIWIEC, ET AL	9-8-11	73.44
E	XCL MIDSTREAM OPERATING LLC	9-8-10	34
F	DAVID KATZMEYER, ET AL	9-9-4	268.39
G	TODD L. SCHERICH, ET AL	9-9-16	168.204

CURVE TABLE

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	65.71'	87.70'	N 43°45' E	64.18'
C2	46.37'	23.26'	N 83°09' E	39.06'
C3	139.91'	458.83'	S 45°31' E	139.37'
C4	450.65'	2850.80'	S 33°31' E	450.18'



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



(+) 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
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE WW-6A1)

SCALE 1" = 2000' FILE NO. 8911-EQT-H S6HM-231120-MRH.dwg

DATE NOVEMBER 20, 20 23  
REVISED \_\_\_\_\_, 20 \_\_\_\_  
OPERATORS WELL NO. HUDSON S-6HM  
API WELL NO. 47 - 051 - 02377  
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	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bk/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*26041	9-3-1	A	FREDDIE C WHITE AND VIOLET L WHITE	CHESSAPEAKE APPALACHIA LLC	1/8+	728	Chesapeake Appalachia LLC to Statoil USA Onshore Properties Inc: 27/386	Statoil USA Onshore Properties Inc to Chevron USA Inc 30/427	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26044	9-3-1	A	JOYCE A WALLACE	CHEVRON USA INC	1/8+	863	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26047	9-3-1	A	ROBERT D BLAKE AND ATHENA LIBERTY BLAKE	CHEVRON USA INC	1/8+	863	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26048	9-3-1	A	LOIS J ELIAS AND LOUIS J ELIAS	CHEVRON USA INC	1/8+	861	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26049	9-3-1	A	MARY H HUBBS	CHEVRON USA INC	1/8+	863	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26050	9-3-1	A	BERNARD O CROW AND KAREN S CROW	CHEVRON USA INC	1/8+	863	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26051	9-3-1	A	ROBERT W KIDNER	CHEVRON USA INC	1/8+	863	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26052	9-3-1	A	BETTY J BLAKE	CHEVRON USA INC	1/8+	863	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26057	9-3-1	A	JOHN PURDY AND BRENDA S PURDY	CHEVRON USA INC	1/8+	854	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26058	9-3-1	A	CAROLE J WOOD	CHEVRON USA INC	1/8+	854	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26059	9-3-1	A	TERRY L BLAKE	CHEVRON USA INC	1/8+	854	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed BK/Page	Assignment	Assignment	Assignment	Assignment	Assignment	
10*26060	9-3-1	A	ROBERT C BLAKE AND LYN BLAKE	CHEVRON USA INC	1/8+	854	333	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26061	9-3-1	A	RODNEY W AND LINDA L HUBBS	CHEVRON USA INC	1/8+	854	435	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26062	9-3-1	A	SHANNON ROGER AND LORRAINE HUBBS	CHEVRON USA INC	1/8+	854	233	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26063	9-3-1	A	PATTY L RINE AND FLOYD D RINE	CHEVRON USA INC	1/8+	854	238	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26064	9-3-1	A	CATHARINE LEE BLAKE	CHEVRON USA INC	1/8+	863	550	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26066	9-3-1	A	DANNY E AND MARVAL BEYSER	CHEVRON USA INC	1/8+	858	36	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26067	9-3-1	A	DONALD DEAN BEYSER	CHEVRON USA INC	1/8+	858	41	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26068	9-3-1	A	GARY F BLAKE AND DORIS E BLAKE	CHEVRON USA INC	1/8+	858	31	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26069	9-3-1	A	MARILYN SUE REILLEY	CHEVRON USA INC	1/8+	857	597	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26070	9-3-1	A	MARY W HOLMES	CHEVRON USA INC	1/8+	857	602	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26071	9-3-1	A	CHARLENE LORRAINE BAKER	CHEVRON USA INC	1/8+	857	607	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26072	9-3-1	A	JAMES L BLAKE	CHEVRON USA INC	1/8+	857	616	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Operator's Well No. Hudson S - 6HM

Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed BK/Page	Assignment	Assignment	Assignment	Assignment	Assignment
10*26073	9-3-1	A	DARLENE L BEYSER	CHEVRON USA INC	1/8+	860	176	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26075	9-3-1	A	BETTY JOANN CECIL	CHEVRON USA INC	1/8+	860	119	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26076	9-3-1	A	DORIS IMOGENE GARRISON	CHEVRON USA INC	1/8+	860	114	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26077	9-3-1	A	DOROTHY J AND ROBERT M BLAKE	CHEVRON USA INC	1/8+	860	104	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26078	9-3-1	A	VELMA RUTH HARRIS	CHEVRON USA INC	1/8+	860	228	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26079	9-3-1	A	MARY O'DESSA HARRIS LOUDEN	CHEVRON USA INC	1/8+	860	109	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26080	9-3-1	A	SHARON DIANE HOLMES JAHN AND WILLIAM HENRY JAHN III	CHEVRON USA INC	1/8+	860	217	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26081	9-3-1	A	CYNTHIA JEAN AND EDDIE W WILSON	CHEVRON USA INC	1/8+	861	545	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26082	9-3-1	A	BRIAN C AND SARA M LUTZ	CHEVRON USA INC	1/8+	861	550	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26083	9-3-1	A	WILLIAM S BLAKE JR	CHEVRON USA INC	1/8+	861	535	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26084	9-3-1	A	CYNTHIA A AND JAMES O DAVIDSON	CHEVRON USA INC	1/8+	889	46	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26085	9-3-1	A	CLYDE RAND JANA HIGGINS	CHEVRON USA INC	1/8+	861	508	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Operator's Well No. Hudson S - 6HM

Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bk/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*26086	9-3-1	A	DELMAS W AND ROSE HIGGINS	CHEVRON USA INC	1/8+	861	503	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26087	9-3-1	A	JERRY L AND DENISE HIGGINS	CHEVRON USA INC	1/8+	861	526	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC & TH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26088	9-3-1	A	SHIR W AND DORIS HIGGINS	CHEVRON USA INC	1/8+	861	540	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26089	9-3-1	A	ALVA L AND SHIRLEY HIGGINS	CHEVRON USA INC	1/8+	861	521	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC & TH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26090	9-3-1	A	H DEAN AND KAREN HIGGINS	CHEVRON USA INC	1/8+	861	516	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26091	9-3-1	A	JOELENE M MANN	CHEVRON USA INC	1/8+	864	55	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26092	9-3-1	A	SHAWN J AND SARAH E CREWS	CHEVRON USA INC	1/8+	864	50	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26093	9-3-1	A	JOYCE HOLMES CONE AND WILLIAM CONE	CHEVRON USA INC	1/8+	861	493	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26094	9-3-1	A	MARK L CURRY	CHEVRON USA INC	1/8+	865	102	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26095	9-3-1	A	CHRISTINA C MUNSON	CHEVRON USA INC	1/8+	865	107	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26097	9-3-1	A	DAVID L BEYSER	CHEVRON USA INC	1/8+	865	173	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC & TH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023
10*26098	9-3-1	A	KIMBERLY J HOLDER	CHEVRON USA INC	1/8+	867	87	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC & TH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Formation dated August 23, 2023

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Operator's Well No. Hudson S - 6HM

Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed BK/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*26099	9-3-1	A	CAROL TROWBRIDGE ET VIR	CHEVRON USA INC	1/8+	866	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26100	9-3-1	A	JOSEPH L AND ROSE MARIE MAUPIN	CHEVRON USA INC	1/8+	866	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26120	9-3-1	A	JAMES D AND LINDA D YOCUM	CHEVRON USA INC	1/8+	884	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26121	9-3-1	A	BETTY BRYNER	CHEVRON USA INC	1/8+	871	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26236	9-3-1	A	GERALD W QUIGLEY AND VICKI L QUIGLEY	CHEVRON USA INC	1/8+	884	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26237	9-3-1	A	FREDA L CAMPBELL	CHEVRON USA INC	1/8+	889	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26238	9-3-1	A	MAISHA L MERCER	CHEVRON USA INC	1/8+	883	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26287	9-3-1	A	IVAN R AND MARY A BLAKE	CHEVRON USA INC	1/8+	888	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26288	9-3-1	A	REBECCA J BLAKE	CHEVRON USA INC	1/8+	888	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26289	9-3-1	A	DIJANETTA B BLAKE FROMHART	CHEVRON USA INC	1/8+	888	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26291	9-3-1	A	BARBARA A BLAKE MASON	CHEVRON USA INC	1/8+	901	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26292	9-3-1	A	JUDITH L BLAKE	CHEVRON USA INC	1/8+	882	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGH Exploration II, LLC; Certificate of Amendment to Amendment No. 2 to Certificate of Formation dated August 23, 2023

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Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed BK/Page	Assignment	Assignment	Assignment	Assignment	Assignment
10*26293	9-3-1	A	JAY C CLURRY	CHEVRON USA INC	1/8+	882	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26294	9-3-1	A	JOAN A GIEGER	CHEVRON USA INC	1/8+	880	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26295	9-3-1	A	ARTHUR LEE WARYCK	CHEVRON USA INC	1/8+	880	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26296	9-3-1	A	CARL G CALDWELL	CHEVRON USA INC	1/8+	883	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26297	9-3-1	A	DIANA L MCKINNEY	CHEVRON USA INC	1/8+	885	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26298	9-3-1	A	JANE HENDRICKSON	CHEVRON USA INC	1/8+	886	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26299	9-3-1	A	BETTY WILKINSON DANIEL A MCVANE AIF	CHEVRON USA INC	1/8+	886	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26300	9-3-1	A	JILL LORI HENNER BARNETT	CHEVRON USA INC	1/8+	886	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*27180	9-3-1	A	TAMALA SCOLLICK	TH EXPLORATION LLC	1/8+	1053	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*27181	9-3-1	A	CRYSTAL THOMAS	TH EXPLORATION LLC	1/8+	1052	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*27703	9-3-1	A	DOROTHY MAXINE MOORE TRUST	TH EXPLORATION LLC	1/8+	1061	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*47051.1090	9-8-4.2	B	DONALD M AND THERESA L HARRIS	TH EXPLORATION LLC	1/8+	859	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II, LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bk/Page	Assignment	Assignment	Assignment	Assignment	Assignment
10*28092	WVDOH	C	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	TH EXPLORATION LLC	1/8+	1073	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22745	9-8-11	D	BONNIE J JENKINS	TH EXPLORATION LLC	1/8+	968	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23314	9-8-11	D	CYNTHIA WATSON	TH EXPLORATION LLC	1/8+	988	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23353	9-8-11	D	SHARON E MCDONALD AND HAROLD S MCDONALD	TH EXPLORATION LLC	1/8+	988	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25718	9-8-11	D	KATHLEEN JEANNE B JENKINS	TH EXPLORATION LLC	1/8+	1095	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25719	9-8-11	D	NICHOLE M JENKINS	TH EXPLORATION LLC	1/8+	1035	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26025	9-8-11	D	DAVID D MURRAY	CHEVRON USA INC	1/8+	791	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26026	9-8-11	D	JUDITH ELLEN DOTY	CHEVRON USA INC	1/8+	787	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26027	9-8-11	D	DANIEL W CHAPMAN	CHEVRON USA INC	1/8+	788	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26028	9-8-11	D	DAVID W CHAPMAN	CHEVRON USA INC	1/8+	788	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26029	9-8-11	D	GREGORY L CHAPMAN	CHEVRON USA INC	1/8+	788	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26030	9-8-11	D	DONALD CARMICHAEL	CHEVRON USA INC	1/8+	787	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Operator's Well No. Hudson S - 6HM

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10*26031	9-8-11	D	SARAH LEONA MCGLONE	CHEVRON USA INC	1/8+	787	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26032	9-8-11	D	MARGARET ANN JONES	CHEVRON USA INC	1/8+	787	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26033	9-8-11	D	LINDA S COLEMAN	CHEVRON USA INC	1/8+	791	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26034	9-8-11	D	LUANN N HIMMELFARB	CHEVRON USA INC	1/8+	791	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26035	9-8-11	D	PATRICK P TRUEX	CHEVRON USA INC	1/8+	791	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26038	9-8-11	D	DOUGLAS A WAYSON	CHEVRON USA INC	1/8+	811	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26039	9-8-11	D	DAWNETTA M WAYSON	CHEVRON USA INC	1/8+	807	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26040	9-8-11	D	ROBERT BRANDT WAYSON	CHEVRON USA INC	1/8+	808	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26042	9-8-11	D	SHARON ANN PETERSON	CHEVRON USA INC	1/8+	838	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26043	9-8-11	D	GREGORY A CHAPMAN	CHEVRON USA INC	1/8+	834	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26204	9-8-11	D	COLE DALE GRIMM	CHEVRON USA INC	1/8+	889	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration, LLC to EQT TGHIL Exploration II LLC & TH Exploration LLC; 43/95	TH Exploration II, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26494	9-8-11	D	JOHN P JENKINS	TH EXPLORATION LLC	1/8+	1037	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Operator's Well No. Hudson S - 6HM

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10*27524	9-8-11	D	KEVIN A MYSLIWIEC AND SANDY L MYSLIWIEC	CHEVRON USA INC	1/8+	784	292	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 44/357	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27527	9-8-11	D	PETER J & JUDY B MYSLIWIEC	CHEVRON USA INC	1/8+	784	285	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 44/357	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21246	9-8-10	E	THE ESTATE OF THERESA M ROGERSON CHARLES J ROGERSON EXECUTOR	TH EXPLORATION LLC	1/8+	952	422	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21326	9-8-10	E	DENSEL FASSETT AND RONALD L FASSETT	TH EXPLORATION LLC	1/8+	952	424	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21331	9-8-10	E	DAVID E MYSLIWIEC	TH EXPLORATION LLC	1/8+	952	426	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22745	9-8-10	E	BONNIE J JENKINS	TH EXPLORATION LLC	1/8+	968	288	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23314	9-8-10	E	CYNTHIA WATSON	TH EXPLORATION LLC	1/8+	988	499	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23353	9-8-10	E	SHARON E MCDONALD AND HAROLD S MCDONALD	TH EXPLORATION LLC	1/8+	988	495	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25718	9-8-10	E	KATHLEEN JEANNE B JENKINS	TH EXPLORATION LLC	1/8+	1035	13	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*25719	9-8-10	E	NICHOLE M JENKINS	TH EXPLORATION LLC	1/8+	1035	17	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26025	9-8-10	E	DAVID D MURRAY	CHEVRON USA INC	1/8+	791	45	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGHLL Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26026	9-8-10	E	JUDITH ELLEN DOTY	CHEVRON USA INC	1/8+	787	249	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration II, LLC to EQT TGHLL Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023

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WW-6A1 Supplement

Operator's Well No. Hudson S - 6HM

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10*26027	9-8-10	E	DANIEL W CHAPMAN	CHEVRON USA INC	1/8+	788	111	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26028	9-8-10	E	DAVID W CHAPMAN	CHEVRON USA INC	1/8+	788	104	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*26029	9-8-10	E	GREGORY L CHAPMAN	CHEVRON USA INC	1/8+	788	96	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26030	9-8-10	E	DONALD CARMICHAEL	CHEVRON USA INC	1/8+	787	471	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26031	9-8-10	E	SARAH LEONA MCGLOONE	CHEVRON USA INC	1/8+	787	478	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26032	9-8-10	E	MARGARET ANN JONES	CHEVRON USA INC	1/8+	787	364	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26033	9-8-10	E	LINDA S COLEMAN	CHEVRON USA INC	1/8+	791	143	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26034	9-8-10	E	LUANN N HIMMELFARB	CHEVRON USA INC	1/8+	791	205	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26035	9-8-10	E	PATRICK P TRUEX	CHEVRON USA INC	1/8+	791	219	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26038	9-8-10	E	DOUGLAS A WAYSON	CHEVRON USA INC	1/8+	811	440	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26039	9-8-10	E	DANNETTA M WAYSON	CHEVRON USA INC	1/8+	807	420	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26040	9-8-10	E	ROBERT BRANDT WAYSON	CHEVRON USA INC	1/8+	808	524	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration II LLC; Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bk/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*26042	9-8-10	E	SHARON ANN PETERSON	CHEVRON USA INC	1/8+	838	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26043	9-8-10	E	GREGORY A. CHAPMAN	CHEVRON USA INC	1/8+	834	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26204	9-8-10	E	COLE DALE GRIMM	CHEVRON USA INC	1/8+	889	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*26494	9-8-10	E	JOHN P JENKINS	TH EXPLORATION LLC	1/8+	1037	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27468	9-8-10	E	PETER J & JUDY B MYSLIWIEC	CHEVRON USA INC	1/8+	882	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 44/357	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27469	9-8-10	E	KEVIN A MYSLIWIEC AND SANDY L MYSLIWIEC	CHEVRON USA INC	1/8+	882	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 44/357	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*27515	9-8-10	E	WILLIAM L MCKINLEY	CHEVRON USA INC	1/8+	899	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 44/357	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*31001	9-9-4	F	ERIC KATZMEYER	CHEVRON USA INC	1/8+	791	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC: 45/593	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31003	9-9-4	F	DAVID KATZMEYER AND SHIRLEY A KATZMEYER	CHEVRON USA INC	1/8+	792	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC: 45/593	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*31004	9-9-4	F	MARY LOU RUBINI	CHEVRON USA INC	1/8+	793	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC: 45/593	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*19987	9-9-16	G	LESLEY D BALLA	TH EXPLORATION LLC	1/8+	955	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023
10*19993	9-9-16	G	DIANA D COSLUK	TH EXPLORATION LLC	1/8+	955	N/A	N/A	N/A	TH Exploration, LLC to EQT TGH Exploration LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023	TH Exploration II, LLC to EQT TGH Exploration II LLC: Certificate of Amendment to Certificate of Formation dated August 23, 2023

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Operator's Well No. Hudson S - 6HM

Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bk/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*19994	9-9-16	G	ELAINE A FONTES	TH EXPLORATION LLC	1/8+	960	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21117	9-9-16	G	JOELLYN JOHNSON	TH EXPLORATION LLC	1/8+	952	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*21322	9-9-16	G	PHILLIP H WAT AND BILLIE A WAT	TH EXPLORATION LLC	1/8+	953	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22199	9-9-16	G	DONALD BROOKS WESLEY	BLUE ROAM RESOURCES LLC	1/8+	926	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22201	9-9-16	G	FREDERICK MAXWELL YEATER	BLUE ROAM RESOURCES LLC	1/8+	926	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22202	9-9-16	G	MARK DAVID HUNT	BLUE ROAM RESOURCES LLC	1/8+	935	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22203	9-9-16	G	MELISSA ELAINE SCHROTH	BLUE ROAM RESOURCES LLC	1/8+	934	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22526	9-9-16	G	BARBARA FURFARI	TH EXPLORATION LLC	1/8+	964	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22528	9-9-16	G	RONALD DAKAN	TH EXPLORATION LLC	1/8+	964	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22553	9-9-16	G	DAVID H DAKAN	TH EXPLORATION LLC	1/8+	966	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*22783	9-9-16	G	SUZANNE SWIFT	TH EXPLORATION LLC	1/8+	972	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*23315	9-9-16	G	TIM A WILLIS AND DIANE CLARE WILLIS	TH EXPLORATION LLC	1/8+	988	N/A	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHLL Exploration LLC Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023

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Operator's Well No. Hudson S - 6HM

Lease ID	TWP	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bk/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*24047	9-9-16	G	BESSIE CARMICHAEL ET AL SHANE M MALLET, SPECIAL COMMISSIONER	TH EXPLORATION LLC	1/8+	1021	117	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24397	9-9-16	G	MARK D CHAMBERS AND SHERYL CHAMBERS	TH EXPLORATION LLC	1/8+	1023	163	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24398	9-9-16	G	TODD SCHERICH AND WANDA D SCHERICH	TH EXPLORATION LLC	1/8+	1023	160	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL Exploration LLC; Certificate of Amendment No. 2 to Certificate of Formation dated August 23, 2023
10*24413	9-9-16	G	BRADLEY'S SCHERICH AND LEIGH SCHERICH	TH EXPLORATION LLC	1/8+	1023	157	N/A	N/A	N/A	N/A	TH Exploration, LLC to EQT TGHIL 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 ("Upstream Assignee"), 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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EPC Department of  
EPC

**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 consent required hereby shall be void. Subject to the foregoing provisions of this *Section 5*, the terms and

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Environmental Protection

[Signature pages follow.]

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.

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 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 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 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.

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

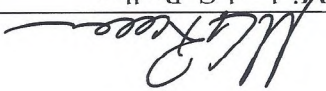
12/15/2023

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

UPSTREAM ASSIGNOR:

THQ Appalachia I, LLC

By:



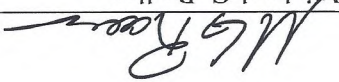
Name: Michael G. Radler

Title: Chief Executive Officer

MIDSTREAM ASSIGNOR:

THQ-XL Holdings I, LLC

By:



Name: Michael G. Radler

Title: Chief Executive Officer

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EPC:

EQT Production Company

DocuSigned by:  
Toby Rice  
60FDBDE18F34F8...  
Name: Toby Z. Rice  
Title: President

UPSTREAM ASSIGNEE:

EQT Acquisition HoldCo LLC

DocuSigned by:  
Toby Rice  
60FDBDE18F34F8...  
Name: Toby Z. Rice  
Title: President

MIDSTREAM ASSIGNEE:

EQT Midstream HoldCo LLC

DocuSigned by:  
Toby Rice  
60FDBDE18F34F8...  
Name: Toby Z. Rice  
Title: President

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Corporations Section  
P.O. Box 15697  
Austin, Texas 78711-3697

Office of the Secretary of State



Jane Nelson  
Secretary of State

September 14, 2023

Attn: CT CORPORATION SYSTEM

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

RE: EQT TGH 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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Phone: (512) 463-5555  
Prepared by: Bernadette Deloya  
Come visit us on the internet at <https://www.sos.texas.gov/>  
Fax: (512) 463-5709  
TDD: 10323  
Dial: 7-1-1 for Relay Services  
Document: 1277630700004



Jane Nelson  
Secretary of State

## Office of the Secretary of State

### CERTIFICATE OF FILING OF

EQT TGH 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



A handwritten signature in black ink, appearing to read "Jane Nelson".

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**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 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 TGH 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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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:

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

**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  
60FD86DE1BF34F8

Name: Toby Z. Rice  
Title: Manager and President

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Jane Nelson  
Secretary of State

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

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NOV 27 2023  
WV Department of  
Environmental Protection

Effective: 08/23/2023

Dated: 08/23/2023

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.

[formerly: TH Exploration, LLC]

EQT TGH Exploration LLC  
801979955

**CERTIFICATE OF FILING  
OF**

**Office of the Secretary of State**



Jane Nelson  
Secretary of State

2025/11/15  
P.O. Box 13697  
Austin, Texas 78711-3697

12/15/2023

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 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 TGH 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



12/15/2023

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  
60FD86DE18F34F8...

Name: Toby Z. Rice  
Title: Manager and President

RECEIVED  
Office of Oil and Gas  
NOV 27 2023  
WV Department of  
Environmental Protection



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-6HM  
Permit Number 47-051-02377  
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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