



west virginia department of environmental protection

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

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

Monday, May 18, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
2200 ENERGY DRIVE

CANONSBURG , PA 15317

Re: Permit Modification Approval for LONGWELL 11H
47-103-03760-00-00

Lateral Extension with Forced Pooling

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.

A handwritten signature in black ink, reading 'Jason Harmon'.

H. Jason Harmon
Acting Chief

Operator's Well Number: LONGWELL 11H
Farm Name: JEFFERY TODD LONGWELL
U.S. WELL NUMBER: 47-103-03760-00-00
Horizontal 6A New Drill
Date Modification Issued: 05/18/2026

Promoting a healthy environment.

05/22/2026

PERMIT CONDITIONS

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

CONDITIONS

1. In the event that the operator would encounter geologic structures resulting in fluid loss, the operator will adhere to the attached plan. The operator will remain in communication with the Office of Oil and Gas if any of these conditions are observed, and develop a plan to move forward.



1. What is the feasibility of reaching TD of a well of this length?

In response to the question regarding the feasibility of reaching total depth (TD) for a well of this length, EQT has completed extensive planning, engineering evaluations, and operational upgrades to ensure confidence in successfully drilling the proposed well depths for the Longwell 9H and 11H.

As part of the preparation efforts, EQT upgraded Patterson Rig 294 with additional generators, enhanced pumping capacity, managed pressure drilling capabilities, and higher torque drill pipe to support extended lateral operations. EQT also procured upgraded production casing connections designed to withstand greater operating torque requirements associated with these longer wells.

Operationally, EQT has already successfully drilled a 21,000-foot lateral on the Longwell pad, demonstrating the capability to execute wells of similar complexity and length. In addition, comprehensive engineering analyses were completed, including torque and drag modeling, hydraulics evaluations, equivalent circulating density (ECD) analysis, and cement modeling, all of which support the feasibility and integrity of the proposed drilling program.

Furthermore, wells of comparable measured depth (MD) have been successfully drilled elsewhere within the basin using similar best practices and technologies. Based on these preparations, engineering assessments, and prior operational success, EQT is confident in the feasibility of safely and effectively reaching the proposed total depth.

2. If we were to encounter similar issues as Shalennial, what are the corrective actions and steps taken to mitigate further impacts? Ultimately, if we run into the same issue, what happens next and will there be any larger impact to the environment that will be of concern. If so, how would we plan to mitigate/eliminate concerns?

While drilling from the Shalennial pad, EQT experienced loss of circulation within the upper curve sections of the wells. Importantly, significant losses were not encountered while drilling within the target Marcellus formation. Based on subsequent geologic evaluation and mapping, the proposed total depth (TD) locations for the Longwell 7H and 9H are positioned outside of the identified high-risk geologic feature associated with those prior losses.

EQT has incorporated lessons learned from the Shalennial operations into the planning and execution strategy for these wells. Continuous monitoring of drilling conditions, including fluid returns, pressures, and loss indicators, will be conducted throughout operations to identify any developing issues as early as possible.

If drilling observations indicate that the geologic feature extends further south than currently mapped and circulation losses are encountered, EQT's mitigation plan would include evaluating the severity and extent of the losses and, if necessary, shortening the wells to avoid continued drilling through the affected interval. This approach is intended to minimize operational risk while maintaining well integrity, safe drilling practices and recovering as much footage as possible for leaseholders in this geologically complex area.

At this time, EQT does not anticipate impacts to the environment associated with these potential drilling conditions. Should circulation losses occur, they would be expected to remain contained within the MRC formation. In addition, standard well control practices, managed pressure drilling capabilities, fluid management procedures, and environmental protection protocols are in place to further mitigate and manage any potential concerns.

Overall, EQT believes the combination of updated geologic understanding, operational monitoring, and predefined mitigation measures provides a strong framework for safely executing the proposed wells while minimizing operational and environmental risk.

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

1) Well Operator: EQT Production Company 306686 Wetzel Church Hundred
Operator ID County District Quadrangle

2) Operator's Well Number: 11H Well Pad Name: Longwell

3) Farm Name/Surface Owner: Jeffery Todd Longwell Public Road Access: SR-7 Mountaineer Highway

4) Elevation, current ground: 1,428' Elevation, proposed post-construction: 1,428' (built)

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____
(b) If Gas Shallow X Deep _____
Horizontal X

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
7,704', 54', 2,620 psi

8) Proposed Total Vertical Depth: 7,704'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 37,547'

11) Proposed Horizontal Leg Length: 28,473'

12) Approximate Fresh Water Strata Depths: 146', 559', 1,172', 1,148', 1,155'

13) Method to Determine Fresh Water Depths: Offset Wells - 103-30559, 103-00005, 103-00119, 103-30354

14) Approximate Saltwater Depths: 1,374', 1,949', 2,213', 3,337'

15) Approximate Coal Seam Depths: 831'-834', 1,069'-1,072', 1,170'-1,176'

16) Approximate Depth to Possible Void (coal mine, karst, other): X

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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WW-6B
(04/15)

API NO. 47- 103 - 03760
OPERATOR WELL NO. 11H
Well Pad Name: Longwell

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	26	New	A252	85.6	68	68 /	40 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1261	1261 /	1176 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2755	2755 /	1097 ft^3 / CTS
Production	5 1/2	New	P-110	20	37547	37547 /	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	26	30	0.312	1000	18	Class A	1.19
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A	1.20
Coal							
Intermediate	9 5/8	12 3/8	0.352	3520	2816	Class A	1.18
Production	5 1/2	8 1/2	0.361	14360	11488	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

PACKERS

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Kind:				APR 28 2026
Sizes:				WV Department of Environmental Protection
Depths Set:				

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): 16.83 acres

22) Area to be disturbed for well pad only, less access road (acres): 11.78 acres

23) Describe centralizer placement for each casing string:

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

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

Conductor: No additives

Surface: Calcium Chloride. Used to speed the setting of cement slurries

Intermediate: Calcium Chloride. Used to speed the setting of cement slurries.

Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder,

Anti-Settling/Suspension Agent

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25) Proposed borehole conditioning procedures:

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

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

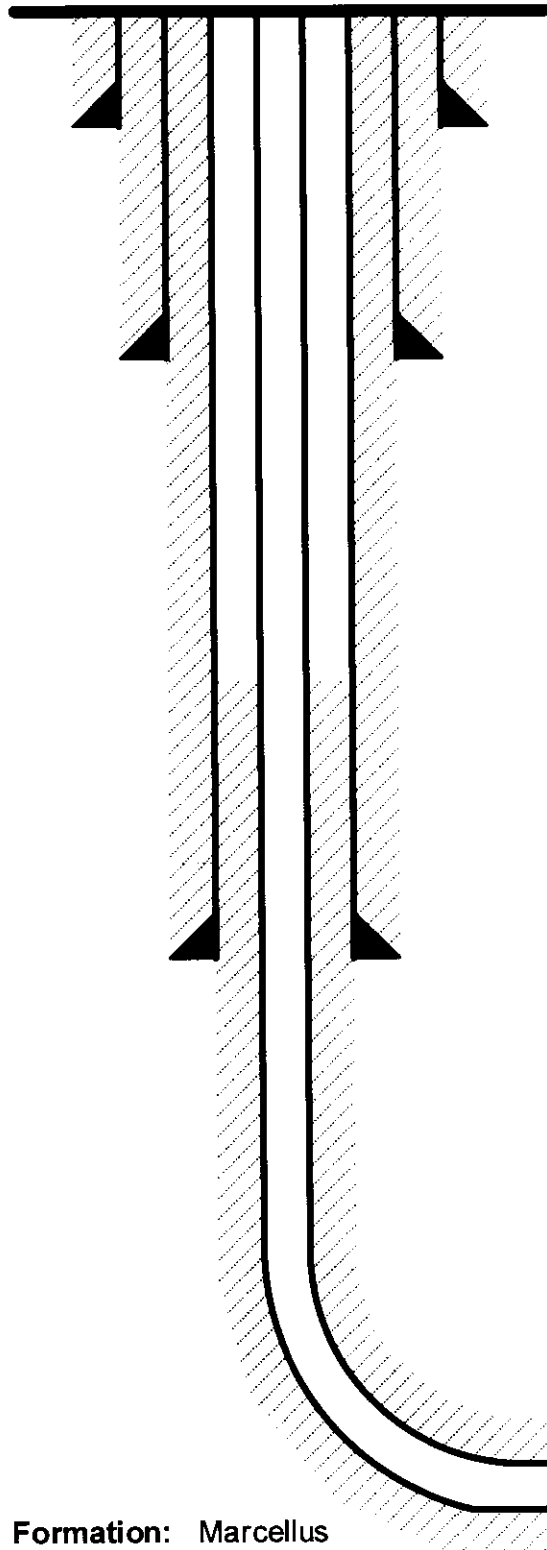
Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

*Note: Attach additional sheets as needed.

EQT Production**Wellbore Diagram**

Well: Longwell 11H
Pad: Longwell
Elevation: 1428' GL 1456' KB

County: Wetzel
State: West Virginia



Conductor @ 68'

26", 85.6#, A252, cement to surface w/ Class A

Surface @ 1,261'

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

Intermediate @ 2,755'

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

Production @ 37,547' MD / 7,704' TVD

5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

Formation: Marcellus

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Stephen
Mccoy

Digitally signed by
Stephen Mccoy
Date: 2026.04.23
21:14:45 -04'00'

NOT TO SCALE
05/22/2026

WEST VIRGINIA GEOLOGICAL PROGNOSIS

Longwell
Longwell North
S-000109

Drilling Objectives:
County:
Elevation:
Recommended Azimuth

Marcellus
Wetzel
1456 KB
335 Degrees

1428 **GL**

Proposed Logging Suite: Pilot hole logging not recommended on Longwell.

Coal Requirements: Coal agreement with Western Pocahontas Properties Limited Partnership effective 10/28/2025
Provide as drilled surveys to coal owner

ESTIMATED FORMATION TOPS Derived From : 4710302767

Formation	Top (TVD)	Base (TVD)	Lithology	Comments	Top RR	Base RR
Fresh Water Zone	1	1172		FW @ 146,559,1172,1148,1155.	446	476
Waynesburg Coal	831	834 Coal		Not mined	1214	1224
Sewickley Coal	1069	1072 Coal		Not mined	1271	1286
Pittsburgh Coal	1170	1176 Coal		Not mined	1299	1317
Big Lime	2421	2551 Limestone		SW @ 1374,1949,2213,3337	1339	1349
Big Injun	2551	2674 Sandstone			1356	1370
Int. csg pt	2724				1394	1414
Weir	2801	2819 Sandstone		Not near storage	1416	1456
Gordon	3249	3312 Silty Sand			1444	1454
Fifty Foot	3344	3364 Silty Sand			2316	2376
Bayard	3472	3580 Silty Sand				
Alexander	5975	6012 Silty Sand				
Elks	6396	7243 Gray Shales and Silts				
Sonyea	7243	7396 Gray shale				
Middlesex	7396	7440 Shale				
Genesee	7440	7524 Gray shale interbedded				
Genesee	7524	7556 Black Shale				
Tully	7556	7580 Limestone				
Hamilton	7580	7692 Gray shale with some				
Marcellus	7692	7746 Black Shale				
Purcell	7709	7711 Limestone				
-Lateral Zone	7719			Start Lateral at 7719'		
Cherry Valley	7725	7727 Limestone				
Onondaga	7746	Limestone				

Target Thickness	54 feet
Max Anticipated Rock Pressure	2620 PSI

Comments:
Intermediate casing point is recommended beneath the to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.

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	26"	CSG DEPTH	Planned Depth KB	Planned Depth GL	
Conductor:	CSG OD	13 3/8"	CSG DEPTH	40	40	
Fresh Water/Coal	CSG OD	9 5/8"	CSG DEPTH	1226	1198	50 ft below mineable coal
Intermediate 1:	CSG OD	5 1/2"	CSG DEPTH	2774	2746	50 ft below base of Big Injun
Production:	CSG OD		CSG DEPTH	@ TD	@ TD	

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

April 22, 2026

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Page 1 of 2

05/22/2026

Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Wetzel County, WV prior to hydraulic fracturing at the following EQT wells on the Longwell pad: 3H, 5H, 9H & 11H.

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.

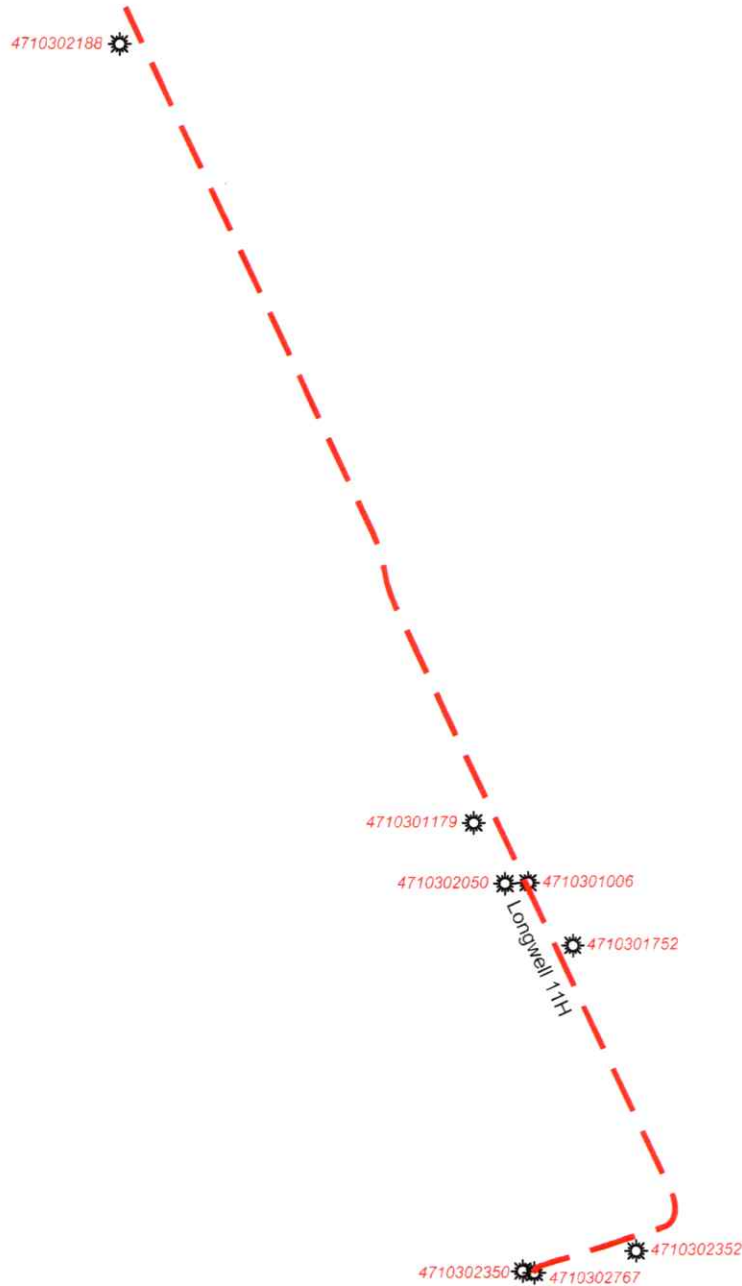
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EQT Corporation
2200 Energy Drive
Canonsburg, PA 15317

Longwell 11H

Vertical Offsets and
Foreign Laterals
within 500 Feet

Legend

Well Lateral_FM

Formation

- Genesee
- Marcellus
- Utica

Longwell_Offset_Wells

4000 2000 0 4000



Scale: 1 Inch = 4000 Feet

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.

1 Inch = 116,000 Feet



05/22/2026

UWI	ABAND_DATE	CURR_OPER	ELEV_RF_CD	FIELD_NAME	FNL_CLASS	LATITUDE	LONGITUDE	OPER_NAME	PROJ_TD	SPUD_DATE	ELEVATION	TOT_DEPTH
✓ 0235000000	NA	Diversified Production LLC	Ground	Littletn-Sgr Rn	Development Well	39.65659900	-80.49565700	DAC, Inc	3900.00	5/3/2006	1426.00	3660.00
✓ 0276700000	NA	EQT Production Company	Ground	Littletn-Sgr Rn	Development Well	39.656615	-80.495124	Grenadier Energy Partners LLC	7650.00	8/8/2012	1428.00	7820.00
✓ 0235200000	NA	Diversified Production LLC	Ground	Littletn-Sgr Rn	Development Well	39.657904	-80.487027	DAC, Inc	3900.00	6/13/2008	1013.00	3320.00
✓ 0175200000	NA	Clowser Well Service Inc	Ground	NA	unclassified	39.676196	-80.492106	Clowser Well Service	NA	9/30/1998	1276.00	NA
✓ 0100600000	9/1/2009	East Resources, Inc	Ground	NA	unclassified	39.678908	-80.494606	East Resources, Inc	NA	8/18/2009	1326.00	NA
✓ 0205000000	NA	Diversified Production LLC	Ground	Littletn-Sgr Rn	Unsuccessful	39.67985	-80.497357	Dynatec Energy, Inc	976.00	10/23/2004	1141	1485.00
✓ 0117900000	NA	Pillar Energy, LLC	NA	Unnamed	unclassified	unknown	unknown	Tri County Oil and Gas	NA	NA	NA	NA
✓ 0218800000		Diversified Production LLC	Ground	Rockport	Development Well	39.729636	-80.527595	DAC, Inc	3550.00	8/21/2006	1283.00	3550.00

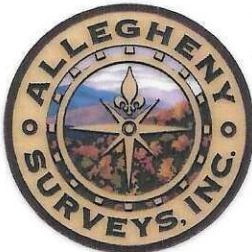
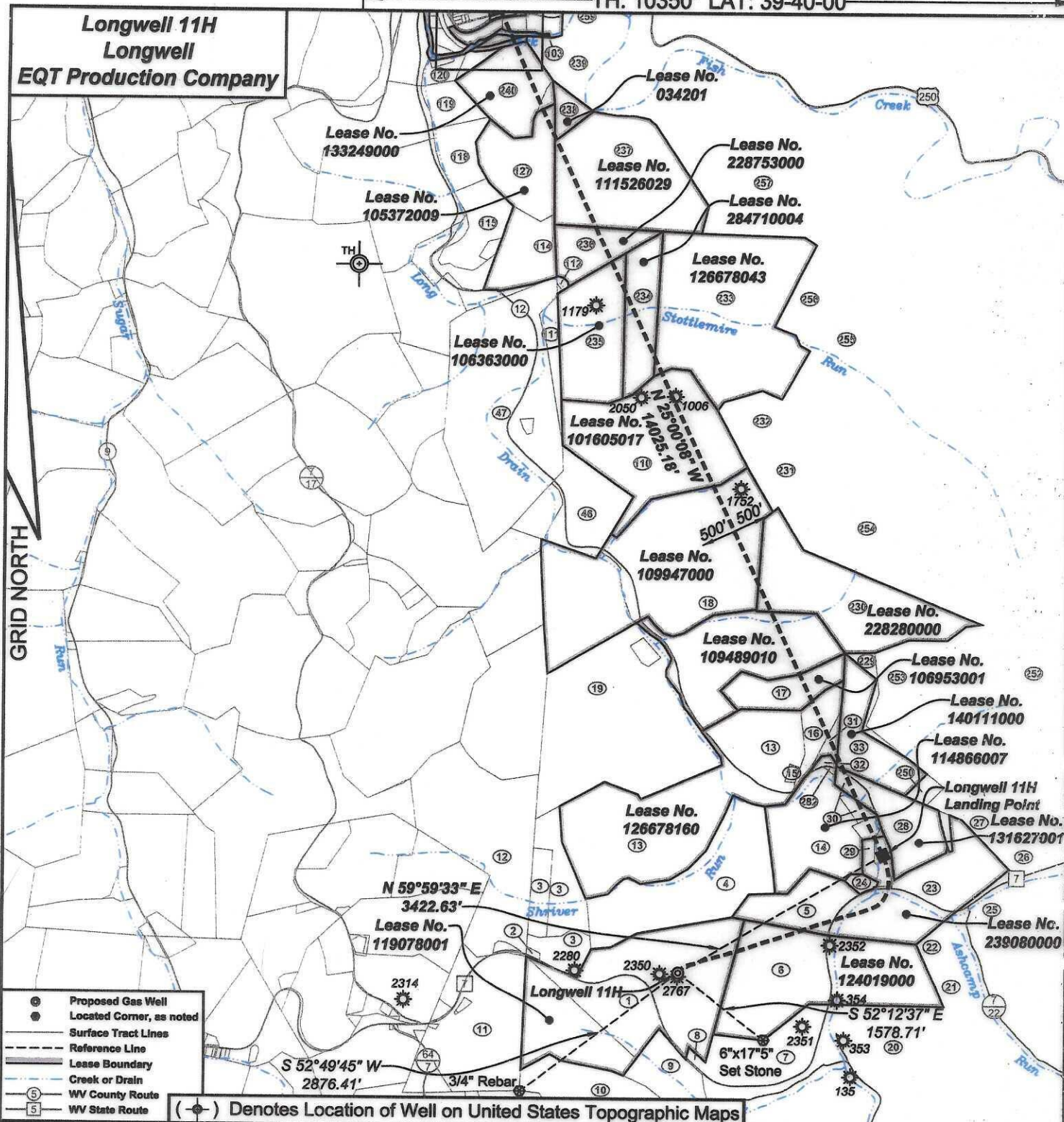
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TH: 10350' LAT: 39-40-00

Longwell 11H
Longwell
EQT Production Company

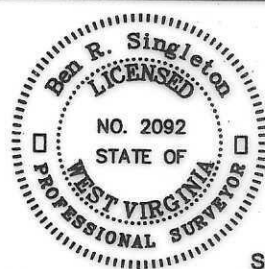
GRID NORTH

TH: 3610' LONG: 80-27-30



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Ben R. Singleton
P.S. 2092



SEAL

FILE NO: 14-24

DRAWING NO: Longwell 11H

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
1:2500

PROVEN SOURCE OF ELEVATION:
NGS CORS Station

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



DATE: April 23 20 26

OPERATOR'S WELL NO.: Longwell 11H

API WELL NO

47 - 103 - 03760
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: As-Built: 1435' WATERSHED Long Drain of West Virginia Fork Fish Creek QUADRANGLE: Hundred

DISTRICT: Church and Clay COUNTY: Wetzel

SURFACE OWNER: Jeffery Todd Longwell

ACREAGE: 106.50

ROYALTY OWNER: Jeffery Todd Longwell, et al

LEASE NO: 119078001

ACREAGE: 106.50

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,711'

WELL OPERATOR: EQT Production Company

DESIGNATED AGENT: Joseph C. Mallow

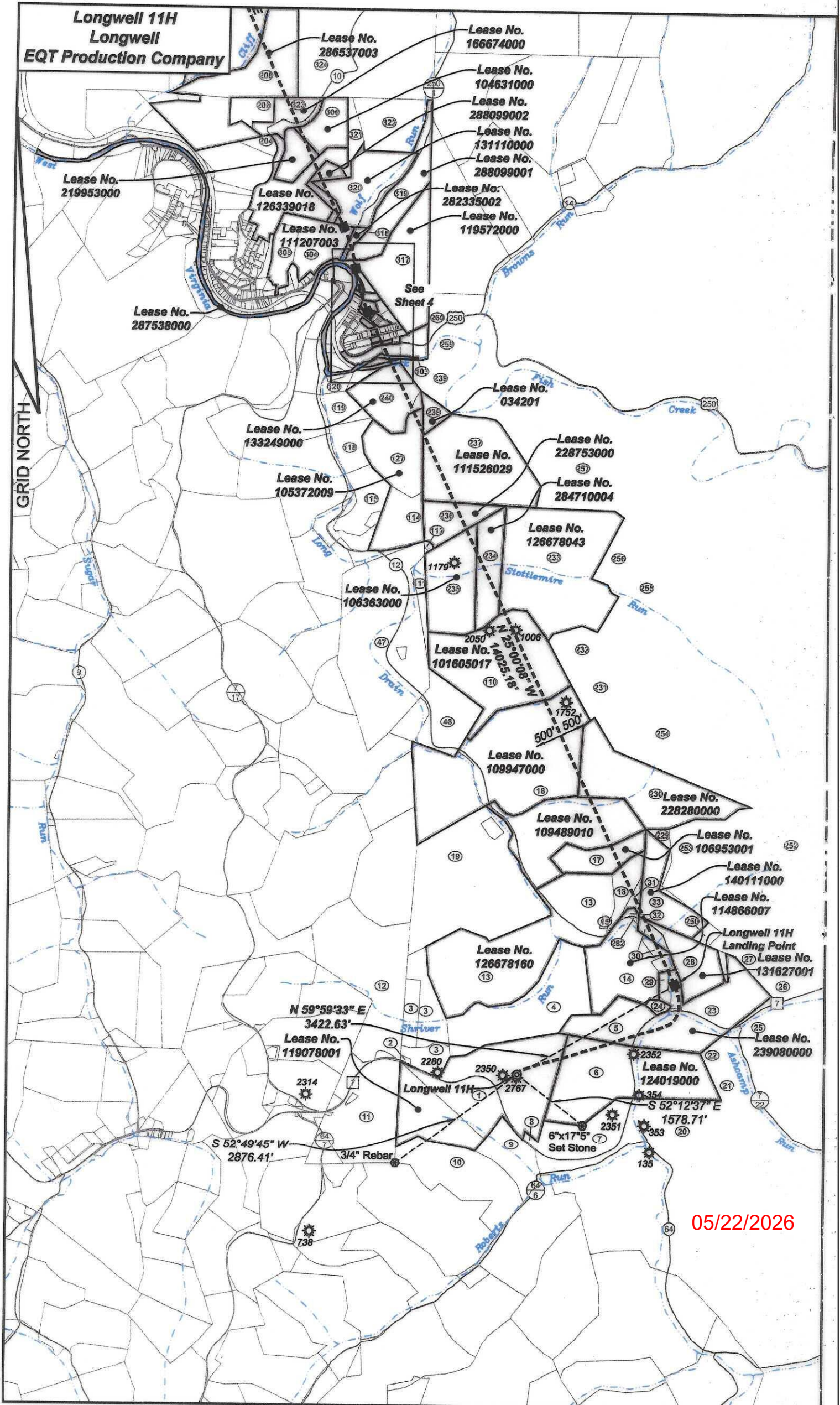
ADDRESS: 2200 Energy Drive

ADDRESS: 427 Midstate Drive

Canonsburg, PA 15317

Clarksburg, WV 26301

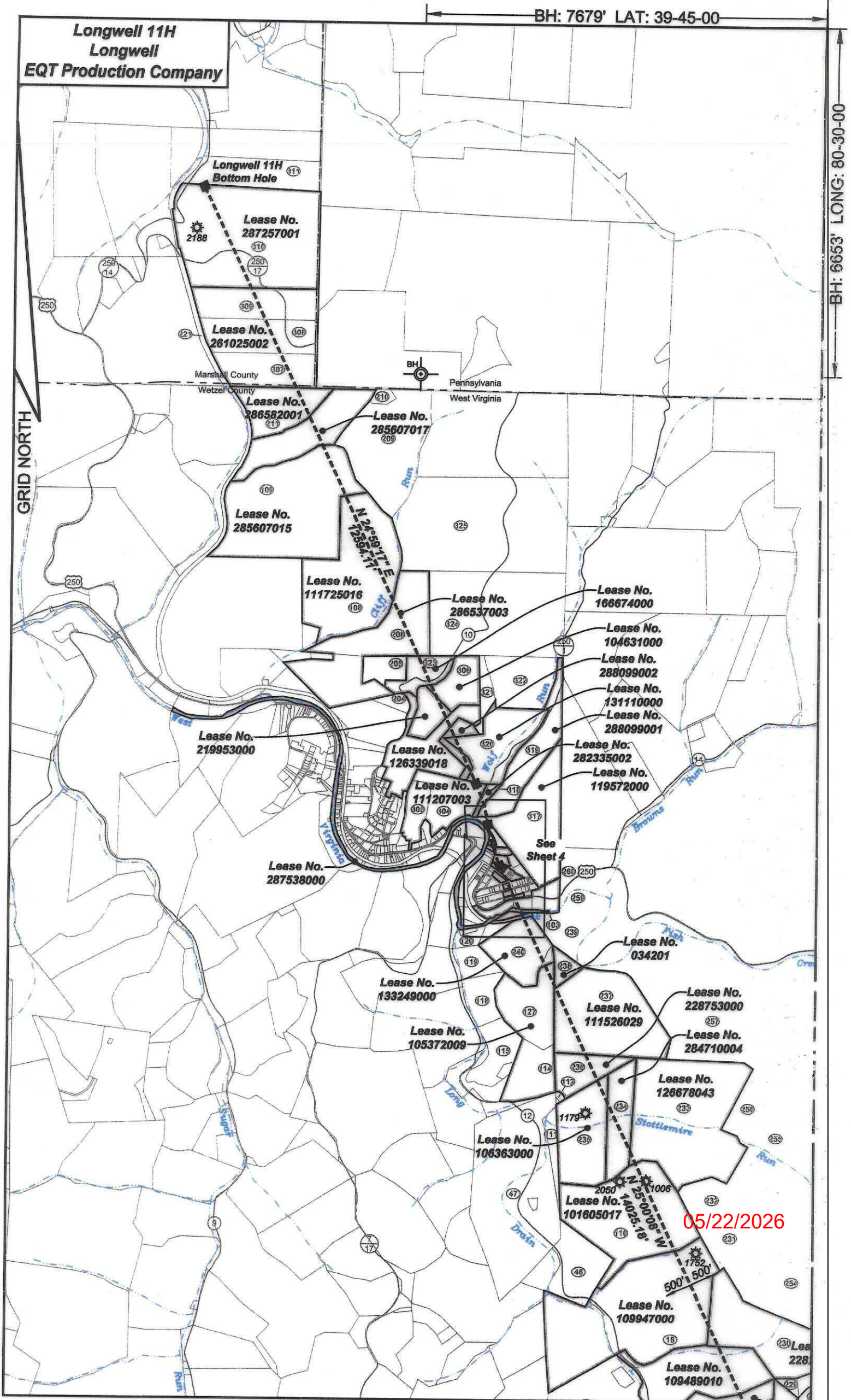
Longwell 11H
Longwell
EQT Production Company



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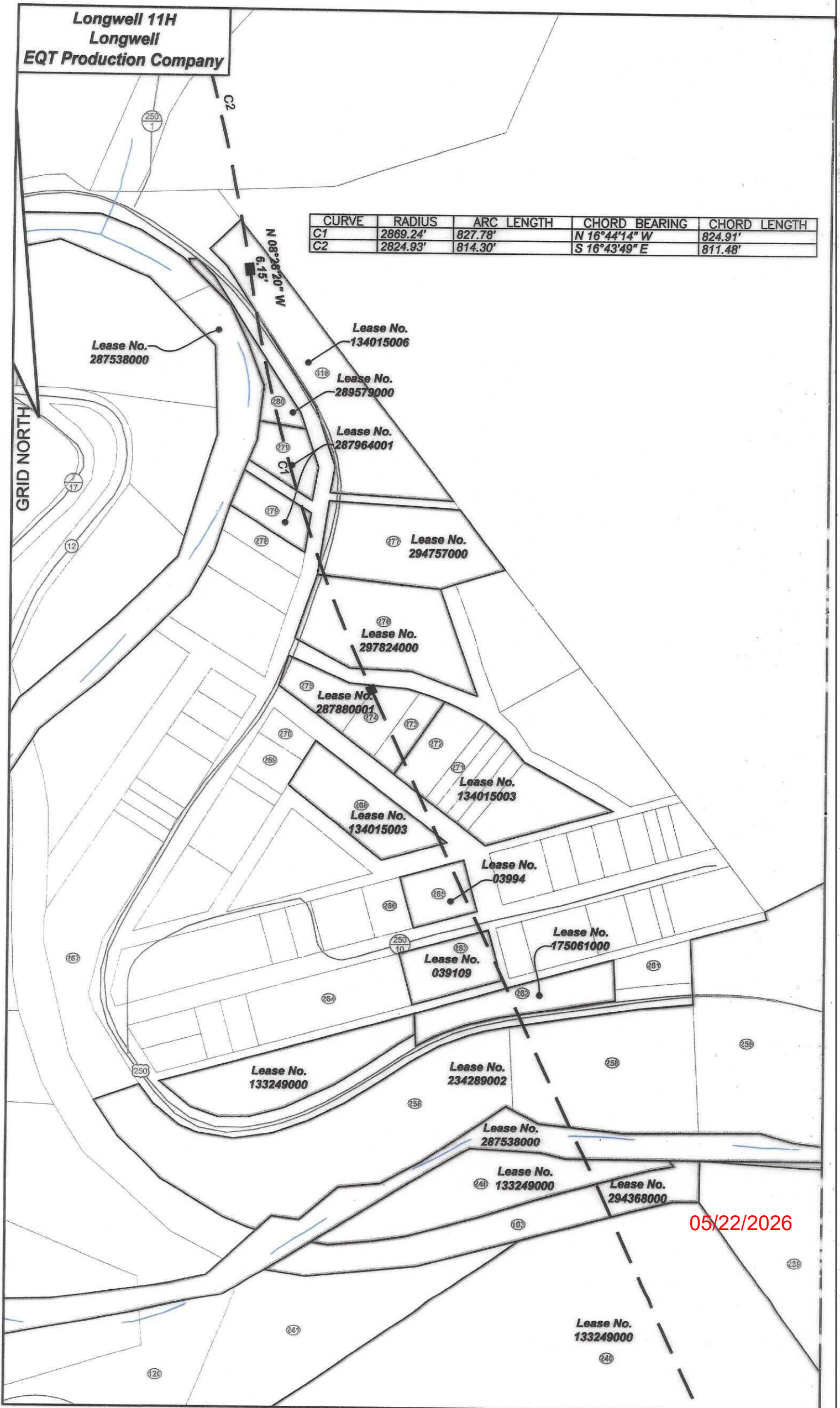
BH: 6653' LONG: 80-30-00-

GRID NORTH



Longwell 11H
Longwell
EQT Production Company

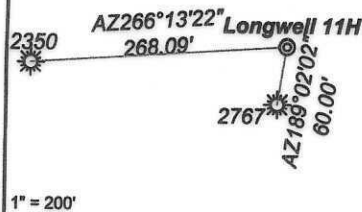
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	2869.24'	827.78'	N 16°44'14" W	824.91'
C2	2824.93'	814.30'	S 16°43'49" E	811.48'



Longwell 11H
Longwell
EQT Production Company

Tract ID	Tract Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	10	13	Wetzel	Church	Jeffery I. Longwell	106.5
2	10	14	Wetzel	Church	James I. Hanks & Penny I. Gale	0.5
3	10	4	Wetzel	Church	Edna J. L. Hanks	33.08
4	10	5	Wetzel	Church	Hanks & Linda Garrison	61.5
5	8	20	Wetzel	Church	Larry V. Watson, et al.	17.88
6	10	15	Wetzel	Church	Charles I. Miller	90
7	10	23	Wetzel	Church	John R. Rice	33
8	10	22	Wetzel	Church	Roll Hill Chapel	1.8
9	10	21	Wetzel	Church	Charles L. Mathews	28
10	10	20	Wetzel	Church	Catherine Roberts, et al.	50
11	10	12	Wetzel	Church	Harriet L. Tustin	56.32
12	7	19	Wetzel	Clay	McLach Land LLC	73.211
13	6	23	Wetzel	Church	Bruce & Linda Garrison	124
14	6	25	Wetzel	Church	Larry V. Watson, et al.	40.83
15	6	24	Wetzel	Church	Shriver Cemetery	0.80
16	6	12	Wetzel	Church	Edward M. Baldauf, et al.	8.04
17	7	11	Wetzel	Clay	Edward M. Baldauf, et al.	20.5
18	7	8	Wetzel	Clay	Paul R. Curry, et al.	130
19	7	12	Wetzel	Clay	Wilks M. Church & Peggy Brown	208.85
20	10	25	Wetzel	Church	Allin K. Greathouse	23
21	10	18	Wetzel	Church	Nicholas I. & Joseph K. Fealham	27
22	10	7	Wetzel	Church	David R. Watson, et al.	6.5
23	10	6	Wetzel	Church	Nicholas L. & Joseph K. Eastham	48.39
24	6	26	Wetzel	Church	Thomas Chapel	1.4
25	10	8	Wetzel	Church	Gary Alan Cole	9.66
26	6	30.1	Wetzel	Church	Ashley W. & Jimmy L. Frye	4.36
27	6	30	Wetzel	Church	Leslie N. Williams	20.64
28	6	27.1	Wetzel	Church	Edward M. Baldauf, et al.	22.08
29	6	28.1	Wetzel	Church	Board of Education	10.81
30	6	27	Wetzel	Church	Larry V. Watson, et al.	2.54
31	6	13	Wetzel	Church	Edward M. Baldauf, et al.	2.8
32	6	14.1	Wetzel	Church	Edward M. Baldauf, et al.	1.24
33	6	15	Wetzel	Church	Edward M. Baldauf, et al.	28.5
34	7	7	Wetzel	Clay	William A. Myers II	29.8
35	4	48	Wetzel	Clay	Stephen T. Venter	115.3
36	2	63	Wetzel	Clay	CNX Land LLC	61.54
37	2	19	Wetzel	Clay	Donna D. Soles	101.4
38	2	6	Wetzel	Clay	Sarah F. Fitzgerald Estate, et al.	160
39	4	46	Wetzel	Clay	William Myers	77.7
40	4	42	Wetzel	Clay	Tim Williams	6
41	4	40	Wetzel	Clay	Ty Blake	0.6
42	4	38	Wetzel	Clay	L.N. Murphy	20.2
43	4	36	Wetzel	Clay	Dallison Lumber Inc.	11.6
44	4	24	Wetzel	Clay	Dallison Lumber Inc.	10.3
45	4	53	Wetzel	Clay	Maureen Mackey	7.85
46	4	53.1	Wetzel	Clay	Maureen Mackey	3.4
47	4	22	Wetzel	Clay	E.N. Murphy	33.5
48	2	36	Wetzel	Clay	Thomas I. Mearns, et al.	4
49	2	18	Wetzel	Clay	David Miller	13
50	2	7.1	Wetzel	Clay	Michael Wade	55
51	2	7	Wetzel	Clay	Donna Soles	68.5
52	2	7	Wetzel	Clay	Karen Soles	1.5
53	2	5	Wetzel	Clay	Thomas Billnovich	31.6
54	23	59	Marshall	Liberty	CNX Land LLC	124.8
55	6	16	Wetzel	Church	Edward M. Baldauf, et al.	4.7
56	6	7	Wetzel	Church	Dallison Lumber Inc.	65
57	7	9	Wetzel	Clay	James Jones Estate	16.3
58	4	45	Wetzel	Clay	James Jones Estate	28.3
59	4	43	Wetzel	Clay	Kathryn Simon	104
60	4	43.1	Wetzel	Clay	Kathryn Simon	31.58
61	4	41	Wetzel	Clay	Volona Kiger	37.33
62	4	21.1	Wetzel	Clay	Kathleen Mercer	45
63	4	21	Wetzel	Clay	Wilma Omduff	72.8
64	4	20.1	Wetzel	Clay	Wilma Omduff	4.5
65	4	20	Wetzel	Clay	Aaron Kolat	34.6
66	4	23	Wetzel	Clay	Richard Korman	30.4
67	1	54	Wetzel	Clay	Maureen Mackey	2
68	6	17	Wetzel	Church	Edward M. Baldauf, et al.	2.6
69	6	8	Wetzel	Church	Edward M. Baldauf, et al.	101.84
70	6	8	Wetzel	Church	Franklin Tennant, et al.	45
71	6	7	Wetzel	Church	Dallison Lumber Inc.	63
72	3	12	Wetzel	Clay	Kathryn Simon	45.7
73	4	44	Wetzel	Clay	Kathryn Simon	18.1
74	4	18	Wetzel	Clay	Ronald Kasserman	110
75	4	5	Wetzel	Clay	Cynthia Boyce	10
76	4	6	Wetzel	Clay	Wetzel County Board of Education	46.5
77	4	61	Wetzel	Clay	Richard Hanks	6.5
78	9	106.1	Wetzel	Clay	Harry Wright	0.6
79	9	108.1	Wetzel	Clay	Linda Greathouse	1
80	9	109	Wetzel	Clay	Dolmas Greathouse	0.517
81	9	110	Wetzel	Clay	Holman Carter	0.888
82	9	94	Wetzel	Clay	Dean Miller	0.287
83	9	83	Wetzel	Clay	Dean Miller	0.172
84	9	20	Wetzel	Clay	Robert Long	1.27
85	9	78	Wetzel	Clay	Lloyd Henderson	0.621
86	9	72	Wetzel	Clay	Neil Longwell	0.172
87	9	71	Wetzel	Clay	Neil Longwell	0.682
88	9	63	Wetzel	Clay	Lloyd Henderson	0.107
89	9	64	Wetzel	Clay	Lloyd Henderson	0.31
90	9	66	Wetzel	Clay	Walter Longwell	0.181
91	9	68	Wetzel	Clay	Walter Longwell	0.26
92	9	68	Wetzel	Clay	Walter Longwell	0.323
93	9	69	Wetzel	Clay	Daniel Kennedy	1.55
94	9	48	Wetzel	Clay	Roy Dunn	0.82
95	9	0.1	Wetzel	Clay	Hundred Littleton F&D	0.235
96	9	6	Wetzel	Clay	Sherrilyn Greaver	0.6
97	9	5.1	Wetzel	Clay	Sally Anderson	0.18
98	9	14	Wetzel	Church	Larry Watson	0.18
99	2	38	Wetzel	Clay	Agnes King Est	28.7
100	31	6	Wetzel	Clay	Agnes King Est	13
101	2	30	Wetzel	Clay	James Murphy, et al.	65
102	23	15	Marshall	Liberty	Thomas J. Billnovich	32
103	23	14	Marshall	Liberty	Thomas J. Billnovich	32
104	23	13	Marshall	Liberty	Thomas J. Billnovich	32
105	23	12	Marshall	Liberty	Thomas F. Billnovich	130
106	23	11	Marshall	Liberty	Thomas F. Billnovich	30.6
107	9	38	Wetzel	Clay	Betty Paine	Lot
108	2	68.1	Wetzel	Clay	Cephus K. Seay	45.66
109	2	50	Wetzel	Clay	Alice Sapp	2.2
110	2	58	Wetzel	Clay	Norman L. Ashcraft	23.0
111	2	42	Wetzel	Clay	Norman L. Ashcraft	33
112	2	41	Wetzel	Clay	Norman L. Ashcraft	11.7
113	2	43	Wetzel	Clay	Donald Garrison	28.4
114	2	40	Wetzel	Clay	Donald H. Miller	13
115	2	17	Wetzel	Clay	Lois Calvert	100
116	2	9	Wetzel	Clay	Ralph Sole	68

Well References



Notes:

Longwell 11H coordinates are
NAD 27 N: 422,867.95 E: 1,719,835.86
NAD 27 Lat: 39.656756 Long: -80.495093
NAD 83 UTM N: 4,389,792.81 E: 543,330.56
Longwell 11H Landing Point coordinates are
NAD 27 N: 424,578.65 E: 1,722,799.74
NAD 27 Lat: 39.661545 Long: -80.484833
NAD 83 UTM N: 4,390,329.37 E: 544,224.85
Longwell 11H Bottom Hole coordinates are
NAD 27 N: 450,278.99 E: 1,711,079.80
NAD 27 Lat: 39.731737 Long: -80.527304
NAD 83 UTM N: 4,398,099.33 E: 540,523.72
West Virginia Coordinate system of 1927 (North Zone),
based upon Differential GPS Measurements.
Plat orientation, corner and well ties are based upon
the grid north meridian.
Well location references are based upon the grid north
meridian.
UTM coordinates are NAD83, Zone 17, Meters.

Longwell

Longwell 11H

Longwell 9H

Longwell 7H

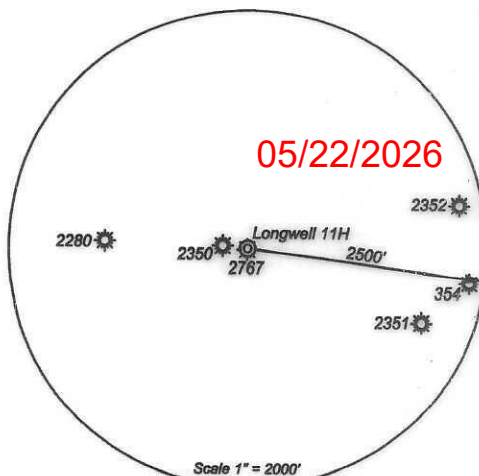
Longwell 5H

Longwell 1H

Longwell 3H

Lease No.	Owner	Acres
119078001	Jeffery Todd Longwell, et al.	106.5
124019000	Janice Cosgray, et al.	90
239080000	EQT TGH Exploration II LLC, et al.	85
114866007	Samuel Harlan Ellis, et al.	45.13
131627001	Nancy Dawn Cosgray, et al.	28.15
140111000	EQT TGH Exploration II, LLC, et al.	28.5 of 1962.7875
126678160	Stone Hill Mineral Holdings, LLC, et al.	194
106953001	Nancy Dawn Cosgray, et al.	20.5 of 49
109489010	Paul R. Curry, et ux., et al.	170
228280000	Richardson Rhodes Trust dated April 10, 2019	63
109947000	Peggy Church Brown, et al.	31.307949 of 140
101605017	Linda Jo Wood Smith, et al.	80
126678043	Three Rivers Royalty II, LLC, et al.	133.04 of 1734.20
284710004	Betty M. Prine, et al.	31.58
106363000	Janet E. Love, et al.	37.5
228753000	Merle Oates, et al.	50
111528029	Elkhorn Mineral Fund, LP, et al.	72.78
034201	Wilma L. Omduff, et al.	4.5
105372009	AMP IV, LP, et al.	53.70
133249000	Elk Range Royalties II, LP, et al.	32.5875
294368000	CNX Gas Company, LLC	61.94
287538000	West Virginia Division of Natural Resources	18.51444 of 38.187
234289002	Three Rivers Royalty II LLC, et al.	260.25
175061000	OXY USA, Inc., et al.	1 of 31151.581
039109	Delmas Greathouse, Jr, et al.	0.517
03994	Dean W. Miller, et al.	0.29
134015003	Lloyd F. Henderson, et al.	2.60067
287880001	Essie Rosalee Longwell, et al.	0.77
297824001	Sunshine State Investment Group LLC, et al.	1.55
294757000	Cody M. Jones	2.11
287964001	Raymond E. Greaver, et al.	0.81
289579000	Stephen Douglas Hayes	0.157
134015006	Betty Maxine Prine	10.11041
119572000	Kevin Goff, et al.	46
288099001	John W. Kerns Heirs Trust, et al.	23.80 of 35.50
282335002	Minnie Alice Sapp, et al.	2.20
111207003	Patsy Ann Carlson, et al.	39.90
131110000	Norman E. Ashcraft	33
288099002	Wilma Marie Morris, et al.	11.70
126339018	Wilma Marie Morris, et al.	109.80
219953000	Stone Hill Minerals Holdings, LLC, et al.	21.50 of 811.96
104631000	Betty Maxine Prine	41.50
186674000	AMP Fund III, LP	13
286537003	Foss Minerals, LLC, et al.	81.70
111725016	Standard Land Company, LLC, et al.	101.1375
285607015	The Habitat for Humanity, et al.	160
285607017	George Doyle Self, et al.	160
286582001	Thomas F. Billnovich 2017 Trust, et al.	31.50
261025002	Chestnut Holdings, Inc., et al.	96
287257001	Highlands Royalty Fund LLC, et al.	130

05/22/2026



WW-6A1
(5/13)

Operator's Well No. Longwell 11H

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

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

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

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attached				

**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: Branden Weimer
Its: Regional Manager - Permitting

W-6A1 attachment

Operator's Well No.

Longwell 11H

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
	<u>Jeffery Todd Longwell, et al.</u>			"at least 1/8th per WV Code 22-6-8"	
✓ 119078001	Kathy Lee Longwell Drilling Appalachian Corporation Grenadier Energy Partners, LLC Drilling Appalachian Corporation Grenadier Energy Partners, LLC Drilling Appalachian Corporation Statoil USA Onshore Properties Inc.	106.5 ac	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company		OG 90A/182 OG 124A/9 OG 138A/1 OG 138A/54 OG 153A/695 OG 153A/640 OG 175A/707
	<u>Janice Cosgray, et al.</u>			"at least 1/8th per WV Code 22-6-8"	
✓ 124019000	Harold Wayne Cosgray and Janice Cosgray, husband and wife Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Drilling Appalachian Corporation Grenadier Energy Partners, LLC Drilling Appalachian Corporation Statoil USA Onshore Properties Inc.	90 ac	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company		OG 88A/702 OG 118A/108 OG 136A/538 OG 138A/1 OG 138A/54 OG 153A/695 OG 153A/640 OG 175A/707
	<u>EQT TGH Exploration II LLC, et al.</u>			"at least 1/8th per WV Code 22-6-8"	
✓ 239080000	Gastar Exploration Inc. WV Minerals, Inc. Gastar Exploration Inc. TH Exploration II, LLC	85 ac	TH Exploration II, LLC TH Exploration II, LLC TH Exploration II, LLC EQT TGH Exploration II LLC		DB 469/502 DB 470/349 OG 173A/431 MB 154/899
	<u>Samuel Harlan Ellis, et al</u>			"at least 1/8th per WV Code 22-6-8"	
✓ 114866007	Samuel Harlan Ellis	45.13 ac	EQT Production Company		OG 275A/25
	<u>Nancy Dawn Cosgray, et al</u>			"at least 1/8th per WV Code 22-6-8"	
✓ 131627001	Nancy Dawn Cosgray Antero Resources Corporation	28.15 ac	Antero Resources Corporation EQT Production Company		OG 182A/729 OG 231A/59
	<u>EQT TGH Exploration II, LLC, et al</u>			"at least 1/8th per WV Code 22-6-8"	
✓ 140111000	TH Exploration II, LLC TH Exploration, LLC	28.5 ac of 1,962.7875 ac	TH Exploration, LLC EQT Production Company		OG 252A/110 OG 258A/333
	<u>Stone Hill Minerals Holdings, LLC, et al</u>			"at least 1/8th per WV Code 22-6-8"	
✓ 126678160	Stone Hill Minerals Holdings, LLC TH Exploration, LLC	194 ac	TH Exploration, LLC EQT Production Company		OG 252A/369 OG 289A/811
	<u>Nancy Dawn Cosgray, et al</u>			"at least 1/8th per WV Code 22-6-8"	
✓ 106953001	Nancy Dawn Cosgray	20.5 ac of 49 ac	Antero Resources Corporation		OG 181A/668

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Antero Resources Corporation

EQT Production Company

OG 231A/59

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Code 22-6-8"

Paul R. Curry, et ux, et al

109489010

Joe Church, et ux
Drilling Appalachian Corporation
Grenadier Energy Partners, LLC
Drilling Appalachian Corporation
Grenadier Energy Partners, LLC
Drilling Appalachian Corporation
Statoil USA Onshore Properties Inc.

170 ac

Drilling Appalachian Corporation
Grenadier Energy Partners, LLC
Statoil USA Onshore Properties Inc.
Statoil USA Onshore Properties Inc.
Statoil USA Onshore Properties Inc.
Statoil USA Onshore Properties Inc.
EQT Production Company

OG 91A/134
OG 124A/9
OG 138A/1
OG 138A/54
OG 153A/695
OG 153A/640
OG 175A/707

Richardson Rhodes Trust dated April 10, 2019

228280000

Charles J. Richardson and Debbie A. Rhodes, Trustees of the
Richardson Rhodes Trust dated April 10, 2019

63 ac

EQT Production Company

OG 323A/210

"at least 1/8th per WV
Code 22-6-8"

Peggy Church Brown, et al

109947000

George Church, et ux
George Church, et ux
W.D. Straight
W.L. Haworth
Chalmers Oil and Gas
Carnegie Natural Gas Company
Carnegie Production Company

31.307949 ac of
140 ac

W.D. Straight
W.D. Straight
W.L. Haworth
Chalmers Oil and Gas
Carnegie Natural Gas Company
Carnegie Production Company
EQT Production Company

OG 12A/44
OG 4A/159
OG 4A/161
OG 6A/146
unrecorded assignment
OG 78A/513
MB 150/160

"at least 1/8th per WV
Code 22-6-8"

Linda Jo Wood Smith, et al

101605017

Norma M. Wood
Ascent Resources - Marcellus, LLC
Tribune Resources, LLC and Tribune Resources Minerals, LLC

80 ac

Ascent Resources - Marcellus, LLC
Tribune Resources Minerals, LLC
EQT Production Company

OG 175A/944
Corp. 13/427
OG 350A/635

"at least 1/8th per WV
Code 22-6-8"

Three Rivers Royalty II, LLC, et al

126678043

James & Colleen Newman
Trans Energy, Inc.
Trans Energy, Inc.
Trans Energy, Inc.
James & Colleen Newman
American Shale Development and Republic Partners VIII,
Republic Partners VII, LLC and Republic Energy Ventures
Republic Energy Ventures, LLC,
Republic Partners VI, LP,
Republic Partners VII, LLC,
Republic Partners VIII, LLC, and
Republic Operating, LLC
Trans Energy, Inc. and American Shale Development

133.04 ac
of 1734.20 ac

Trans Energy, Inc.
Republic Partners VI, LP
Republic Energy Ventures, LLC
American Shale Development
Trans Energy, Inc.
Republic Energy Ventures, LLC
EQT Production Company

OG 91A/762
OG 98A/512
OG 120A/737
OG 130A/196
OG 140A/732
OG 151A/333
OG 179A/281

"at least 1/8th per WV
Code 22-6-8"

EQT Production Company
EQT Production Company

OG 183A/224
DB 464/353

"at least 1/8th per WV
Code 22-6-8"

Betty M. Prine, et al

284710004

Betty Maxine Prine

31.58 ac

EQT Production Company

OG 434A/642

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Janet E. Love, et al

106363000 George E. Rice, et ux, et al
Hope Natural Gas Company, et al
Pittsburgh and West Virginia Gas Company
Equitable Gas Company
Equitrans, LP
Tri-County Oil & Gas, Inc.
Leatherwood, LLC
CNX Gas Company, LLC
Antero Resources Corporation

37.5 ac Hope Natural Gas Company OG 5A/334
Pittsburgh and West Virginia Gas Company OG 33A/384
Equitable Gas Company DB 187/321
Equitrans, Inc. OG 71A/453
Tri-County Oil & Gas, Inc. OG 77A/432
Leatherwood, Inc. WVSOS - merger 10/24/2007
CNX Gas Company, LLC OG 102A/146
Antero Resources Appalachian Corporation OG 126A/231
EQT Production Company OG 231A/22

"at least 1/8th per WV
Code 22-6-8"

Merle Oates, et al.

228753000 Amos Joliff and Mary E. Joliff, his wife
John Lavelle
R.L. Hoskinson
Manufacturers Light and Heat Company
Union Gasoline and Oil Corporation
Preston Oil Company
Manufacturers Light and Heat Company
Columbia Gas Transmission Corp.
Columbia Natural Resources, Inc.
Chesapeake Appalachia, LLC
Chesapeake Appalachia, LLC
Statoilhydro USA Onshore Properties, Inc.
Statoil USA Onshore Properties, Inc.
SWN Exchange Titleholder, LLC
Statoil USA Onshore Properties, Inc.
SWN Production Company, LLC
Antero Exchange Properties, LLC
Antero Resources Corporation

50 ac John Lavelle OG 6A/465
R.L. Hoskinson OG 6A/494
Manufacturers Light and Heat Company OG 6A/493
Union Gasoline and Oil Corporation OG 24A/215
Preston Oil Company OG 39A/387
Columbia Gas Transmission Corp. OG 54A/1
Columbia Gas Transmission Corp. DB 263/164
Columbia Natural Resources, Inc. OG 72A/368
Chesapeake Appalachia, LLC DB 402/446
Statoilhydro USA Onshore Properties, Inc. OG 97A/578
SWN Production Company, LLC OG 157A/540
Statoil USA Onshore Properties, Inc. WVSOS
SWN Exchange Titleholder, LLC OG 158A/801
SWN Production Company, LLC CB 13/296
Antero Exchange Properties, LLC OG 177A/738
Antero Exchange Properties, LLC OG 177A/533
Antero Resources Corporation CB 13/311
EQT Production Company OG 324A/748

"at least 1/8th per WV
Code 22-6-8"

Elkhorn Mineral Fund, LP, et al.

111526029 Pathfinder Resources, LLC dba Recon Pathfinder, LLC
Pathfinder Resources, LLC dba Recon Pathfinder, LLC

72.78 ac EQT Production Company OG 275A/201
Elkhorn Mineral Fund, LP DB 517/394

"at least 1/8th per WV
Code 22-6-8"

Wilma L. Ornduff, et al

034201 Wilma L. Ornduff

4.5 ac EQT Production Company Docket 448

"at least 1/8th per WV
Code 22-6-8"

AMP IV, LP, et al

105372009 AMP IV, LP

53.70 ac EQT Production Company OG 268A/180

"at least 1/8th per WV
Code 22-6-8"

Elk Range Royalties II, LP, et al

133249000 Ridgeway Royalties, LLC
LOLA Drilling I, LLC, Leonidas Properties, LLC, and
LOLA Energy Operating CO., LLC

32.5875 ac LOLA Drilling I, LLC OG 174A/22
Rice Drilling B, LLC OG 190A/200

"at least 1/8th per WV
Code 22-6-8"

CNX Gas Company, LLC

294368000 CNX Gas Company, LLC

61.94 ac EQT Production Company OG 434A/719

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<u>West Virginia Division of Natural Resources</u>			*at least 1/8th per WV Code 22-6-8"	
287538000	West Virginia Division of Natural Resources	18.51444 ac of 38.187 ac	EQT Production Company	OG 424A/155
<u>Three Rivers Royalty II LLC, et al.</u>			*at least 1/8th per WV Code 22-6-8"	
234289002	Three Rivers Royalty II LLC CNX Gas Company LLC	260.25 ac	CNX Gas Company LLC EQT Production Company	OG 270A/428 OG 434A/733
<u>OXY USA, Inc., et al</u>			*at least 1/8th per WV Code 22-6-8"	
175061000	BRC Appalachian Minerals I, LLC BRC Minerals LP BRC Appalachian Minerals I, LLC BRC Minerals LP BRC Working Interest Company, LLC Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties, Inc. SWN Exchange Titleholder, LLC SWN Production Company, LLC Statoil USA Onshore Properties, Inc. Antero Exchange Properties, LLC Antero Resources Corporation	1 ac of 31,151.581 ac	BRC Working Interest Company LLC BRC Working Interest Company, LLC Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties, Inc. SWN Production Company, LLC SWN Exchange Titleholder, LLC SWN Production Company, LLC Antero Exchange Properties, LLC Antero Exchange Properties, LLC Antero Resources Corporation EQT Production Company	OG 102A/505 OG 103A/320 OG 103A/470 OG 120A/109 OG 157A/540 OG 158A/801 Corp. Book 13/296 OG 177A/533 OG 177A/738 Corp. Book 13/311 OG 269A/533
<u>Delmas Greathouse, Jr., et al</u>			*at least 1/8th per WV Code 22-6-8"	
039109	Delmas Greathouse, Jr.	0.517 ac	EQT Production Company	Docket 448
<u>Dean W. Miller, et al</u>			*at least 1/8th per WV Code 22-6-8"	
03994	Dean W. Miller	0.29 ac	EQT Production Company	Docket 448
<u>Lloyd F. Henderson, et al</u>			*at least 1/8th per WV Code 22-6-8"	
134015003	Lloyd F. Henderson Antero Resources Corporation	2.60067 ac	Antero Resources Corporation EQT Production Company	OG 214A/32 OG 231A/59
<u>Essie Rosalee Longwell, et al</u>			*at least 1/8th per WV Code 22-6-8"	
287880001	Essie Rosalee Longwell	0.77 ac	EQT Production Company	OG 420A/46
<u>Sunshine State Investment Group LLC, et al</u>			*at least 1/8th per WV Code 22-6-8"	
297824000	Sunshine State Investment Group LLC	1.55 ac	EQT Production Company	OG 445A/156
<u>Cody M. Jones</u>			*at least 1/8th per WV Code 22-6-8"	
294757000	Cody M. Jones, a man dealing in his sole and separate property	2.11 ac	EQT Production Company	OG 436A/49
<u>Raymond E. Greaver, Jr., et al</u>			*at least 1/8th per WV Code 22-6-8"	
287964001	Raymond E. Greaver, Jr.	0.81 ac	EQT Production Company	OG 421A/273

Amended and Restated Memorandum of Paid Up Oil and Gas Lease

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<u>289579000</u>	<u>Stephen Douglas Hayes</u> Stephen Douglas Hayes	0.157 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 426A/771
<u>134015006</u>	<u>Betty Maxine Prine</u> Lloyd J. Prine and Betty M. Prine, husband and wife Antero Resources Corporation	10.11041 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 197A/720 OG 324A/748
<u>119572000</u>	<u>Kevin Goff, et al.</u> S.C. Connelly, et ux S.C. Connelly Carnegie Natural Gas Company Carnegie Production Company Equitable Production - Eastern States, Inc. Equitable Production Company	46 ac	Carnegie Natrual Gas Company Carnegie Natrual Gas Company Carnegie Production Company Equitable Production - Eastern States, Inc. Equitable Production Company EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 12A/104 OG 28A/453 OG 78A/513 MB 150/160 MB 150/160 CB 13/14
<u>288099001</u>	<u>John W. Kerns Heirs Trust, et al</u> John W. Kerns Heirs Trust	23.80 ac of 35.50 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 420A/734
<u>282335002</u>	<u>Minnie Alice Sapp, et al</u> Minnie Alice Sapp	2.20 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 407A/426
<u>111207003</u>	<u>Patsy Ann Carlsson, et al</u> Patsy Ann Carlsson	39.90 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 418A/763
<u>131110000</u>	<u>Norman E. Ashcraft</u> Norman E. Ashcraft Antero Resource Corporation	33 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 181A/302 OG 231A/22
<u>288099002</u>	<u>Wilma Marie Morris, et al</u> Wilma Marie Morris	11.70 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 423A/742
<u>126339018</u>	<u>Wilma Marie Morris, et al.</u> Milma Marie Morris Antero Resource Corporation	109.80 ac	Antero Resource Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 208A/491 OG 231A/59
<u>219953000</u>	<u>Stone Hill Minerals Holdings, LLC, et al</u> Stone Hill Minerals Holdings, LLC TH Exploration, LLC	21.50 ac of 811.96 ac	TH Exploration, LLC EQT TGH Exploration LLC	"at least 1/8th per WV Code 22-6-8"	OG 272A/939 Misc 154/899
<u>104631000</u>	<u>Betty Maxine Prine</u> Lloyd Joe Prine, et ux	41.50 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 246A/785

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166674000	<u>AMP Fund III, LP</u> AMP Fund III, LP	13 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 260A/706
286537003	<u>Foss Minerals, LLC, et al.</u> Foss Minerals, LLC SWN Production Company, LLC Equinor USA Onshore Properties Inc.	81.70 ac	SWN Production Company, LLC EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 338A/808 OG 415A/536
111725016	<u>Standard Land Company, LLC, et al.</u> Standard Land Company, LLC Antero Resources Corporation	101.1375 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 184A/877 OG 231A/59
285607015	<u>The Habitat for Humanity, et al.</u> Habitat for Humanity of Metro Denver	160 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 423A/85
285607017	<u>George Doyle Self, et al.</u> George D. Self, a widower, dealing in their sole and separate interest	160 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 428A/812
286582001	<u>Thomas F. Bilinovich 2017 Trust, et al.</u> Thomas F. Bilinovich, widower SWN Production Company, LLC Equinor USA Onshore Properties Inc.	31.50 ac	SWN Production Company, LLC EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 349A/486 OG 415A/536
261025002	<u>Chestnut Holdings, Inc., et al.</u> Chestnut Holdings, Inc. SWN Production Company, LLC SWN Production Company, LLC Equinor USA Onshore Properties Inc.	96 ac	SWN Production Company, LLC Equinor USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 950/318 AB 42/491 AB 53/391
287257001	<u>Highlands Royalty Fund LLC, et al.</u> Highlands Royalty Fund LLC SWN Production Company, LLC SWN Production Company, LLC Equinor USA Onshore Properties Inc.	130 ac	SWN Production Company, LLC Equinor USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 944/272 AB 41/422 AB 53/391

Force Pool Tract(s) Within Lease Boundaries

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E Q T P R O D U C T I O N C O M P A N Y
2200 Energy Drive | Canonsburg, PA 15317

April 27, 2026

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

Re: Longwell 11H 6A1 Addendum

Dear Mr. Brewer,

This letter and supporting documentation serve as EQT Production Company's addendum to the WV-6A1 form associated with this well. The lease included on this addendum is a lease in which EQT "claims the right to extract, produce or market the oil or gas", but does not propose to encounter the lease with the proposed wellbore. EQT would like to report this lease as part of our Well Work Permit Application, as it is located within 50' of our proposed permitted wellbore.

If EQT does encounter this lease, an application for a permit modification will be filed with the West Virginia DEP, Office of Oil and Gas.

If you have any questions, please do not hesitate to contact me at 724-250-0180 or OPishioneri@eqt.com

Sincerely,

A handwritten signature in blue ink, appearing to read 'Olivia Wilson'.

Olivia Wilson
Project Specialist - Permitting

Enc.

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Longwell 11H
EQT Production Company
 "Detail of Lease Nos. 295732001 &
 296124001"

N

Lease No.
295732001

Proposed Well Bore

20.54'

Lease No.
294757000

46.76'

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Lease No.
296124001



Scale: 1 Inch = 30 Feet

Birch River Office
 Phone: (304) 649-8606
 Fax: (304) 649-8608



237 Birch River Road
 Birch River, WV 26610
www.alleghenysurveys.com

PARTY CHIEF: NA

RESEARCH: NA

SURVEYED: NA

FIELD CREW: NA

DRAWING NO:

11H Addendum
 Lease 296124001.dwg

PROJECT NO:

14-34-C-24

PREPARED:

April 23, 2026

DRAWN BY:

Tim Rutledge

Sheet 1 of 1

WW-6A1 attachment

Operator's Well No.

Longwell 11H Addendum

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
<u>296124001</u>	<u>Isaiah Jobes, et al</u> Isaiah Jobes and September Jobes, husband and wife	1.013 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 439A/317
<u>295732001</u>	<u>Hundred-Littleton Public Service District, et al</u> Hundred-Littleton Public Service District	0.24 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 438A/850

 Force Pool Tract(s) Within Lease Boundaries

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EQT PRODUCTION COMPANY
2200 Energy Drive | Canonsburg, PA 15317

April 27, 2026

Via FedEx Overnight Delivery

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

RE: Horizontal Well Work Permit Application Modification – **EXPEDITED REVIEW REQUESTED**
Longwell 11H
47-103-03760
Church & Clay District, Wetzel 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:

- 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 extend this lateral from the previously permitted length. EQT is planning to utilize force pooling & currently has applications pending commission review. Please note that EQT will be paying for this expedited permit fee via credit card.

EQT trusts that if any portion of the submitted documentation is found to be inadequate for processing, 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,

A handwritten signature in blue ink, appearing to read 'Olivia Wilson'.

Olivia Wilson
Project Specialist – Permitting
OPishioneri@eqt.com
724-250-0180

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05/22/2026