



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 9H
47-103-03759-00-00

Lateral Extension w/ 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', is positioned above the typed name and title.

H. Jason Harmon
Acting Chief

Operator's Well Number: LONGWELL 9H
Farm Name: JEFFERY TODD LONGWELL
U.S. WELL NUMBER: 47-103-03759-00-00
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.

05/22/2026



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: 9H 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 ☒ 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):
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: 37,612'

11) Proposed Horizontal Leg Length: 29,118'

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 ☒

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

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18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A252	85.6	68	68	52 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1252	1258	1176 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2767	2767	1097 ft^3 / CTS
Production	5 1/2	New	P-110	20	37612	37612	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

Kind:				
Sizes:				RECEIVED Office Of Oil and Gas
Depths Set:				APR 28 2026

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

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

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 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.

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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.

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		Base of Offset Well Perforations at 3347' TVD		
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		Start Lateral at 7719'		
-Lateral Zone	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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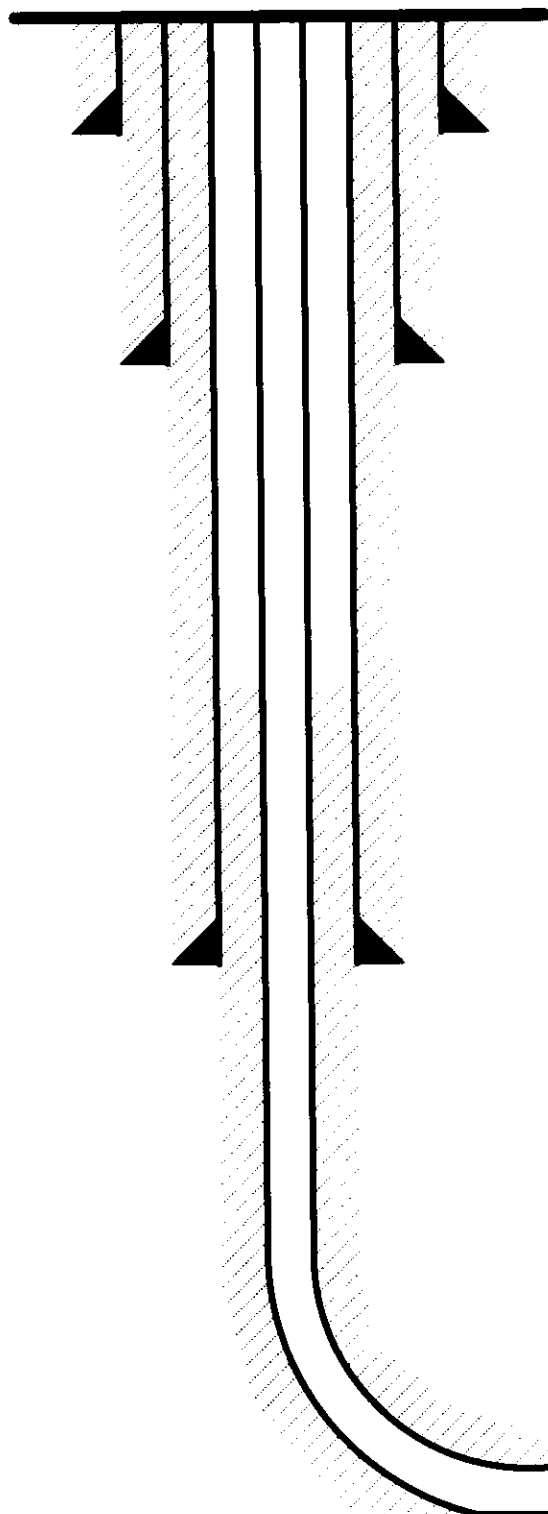
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EQT Production**Wellbore Diagram**

Well: Longwell 9H
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 @ 1,252'

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

Intermediate @ 2,767'

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

Production @ 37,612' 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
21:15:47 -04'00'

05/22/2026 NOT TO SCALE

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

April 22, 2026

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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 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.

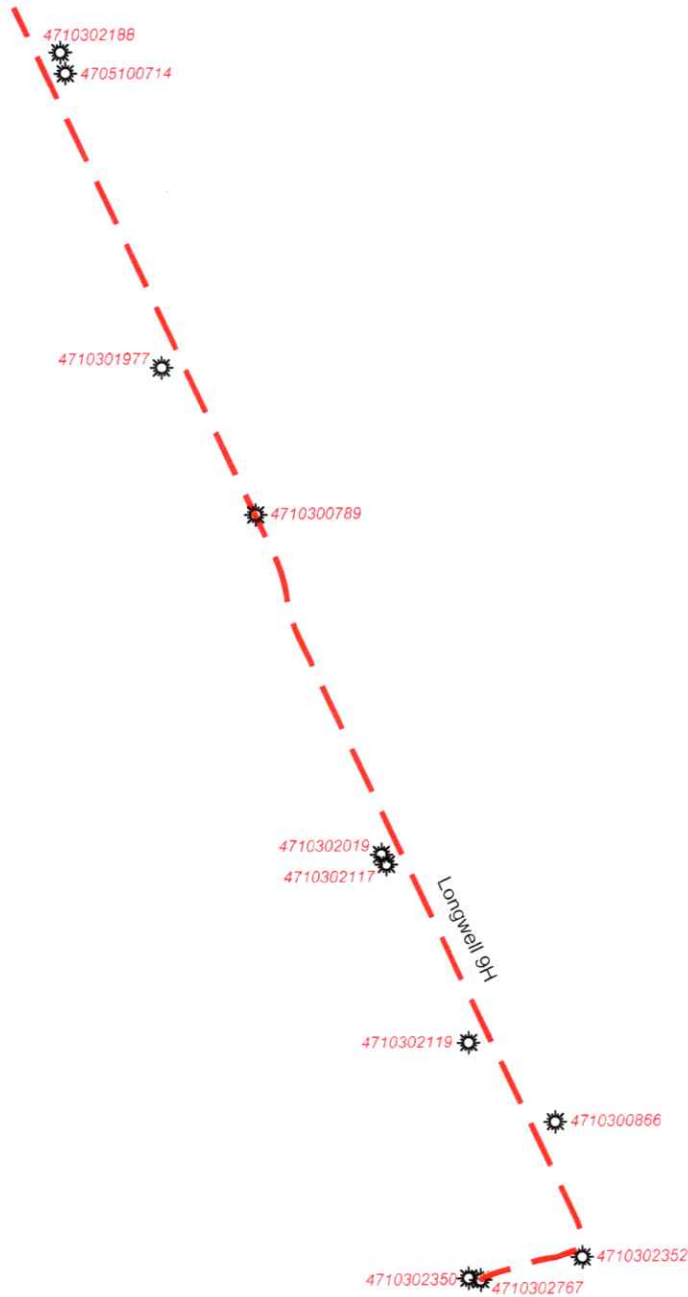
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EQT Corporation
2200 Energy Drive
Canonsburg, PA 15317

Longwell 9H

Vertical Offsets and
Foreign Laterals
within 500 Feet

Legend

Well Lateral_FM

Formation

Geneseo

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
✓ 0086600000	3/31/1994	EQUITRANS, L.P.	Ground	Unnamed	unclassified	NA	NA	EQUITRANS, L.P.	NA	3/18/1994	1140.00	NA
✓ 0211900000	NA	Diversified Production LLC	Ground	Unnamed	Unsuccessful	39.670860	-80.495851	DYNATEC Energy, Inc	NA	9/23/2005	1069.00	780.00
✓ 0211700000	NA	Diversified Production LLC	Ground	Unnamed	Unsuccessful	39.681445	-80.502243	DYNATEC Energy, Inc	NA	9/12/2005	968.00	962.00
✓ 0201900000	8/8/2005	DYNATEC Energy, Inc	Ground	Unnamed	Unsuccessful	39.682025	-80.502618	DYNATEC Energy, Inc	NA	1/13/2004	983.00	730.00
✓ 0078900000		Diversified Production LLC	Ground	Unnamed	Unclassified	39.702175	-80.512377	Carnegie	NA	NA	NA	NA
✓ 0197700000		Diversified Production LLC	Ground	Hastings/Piney Fork	Development Well	39.710931	-80.519703	DAC, Inc	3441.000000	10/1/2003	1247.00	3441.00
✓ 0071400000					Never Drilled	39.728041	-80.527031	Haddad & Brooks				
✓ 0218800000		Diversified Production LLC	Ground	Rockport	Development Well	39.729636	-80.527595	DAC, Inc	3550.00	8/21/2006	1283.00	3550.00

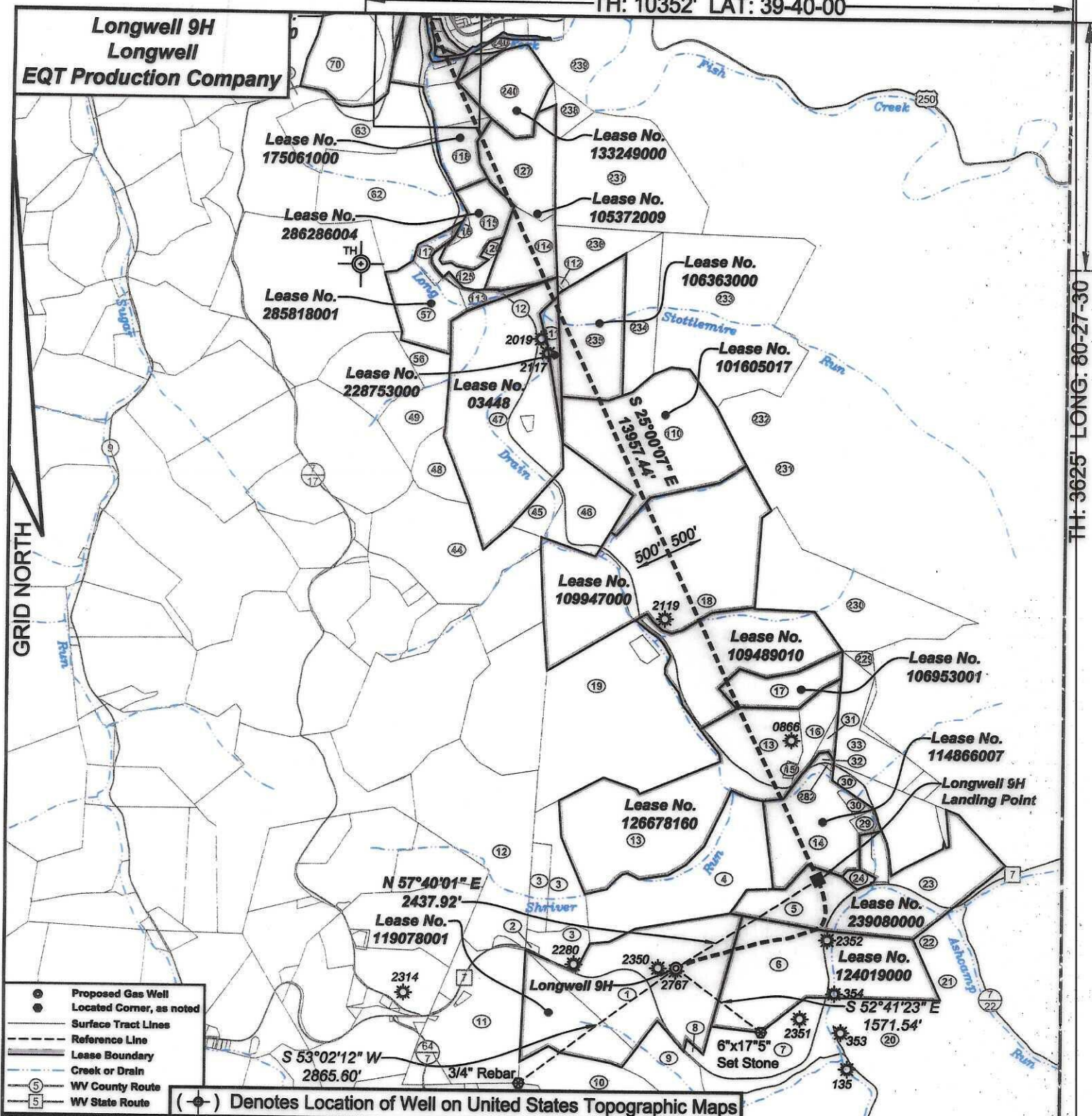
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TH: 10352' LAT: 39-40-00

Longwell 9H
Longwell
EQT Production Company

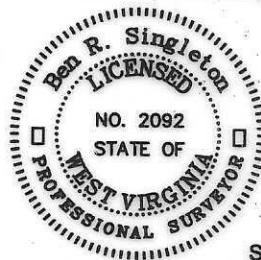
GRID NORTH

TH: 3625' 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.

P.S. 2092



SEAL

FILE NO: 14-24

DRAWING NO: Longwell 9H

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 21 20 26

OPERATOR'S WELL NO.: Longwell 9H

API WELL NO

47 - 103 - 03759
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

BH: 2945' LAT: 39-42-30

Longwell 9H
Longwell
EQT Production Company

Lease No.
286537003

Lease No.
140111000

Lease No.
290843001

See
Sheet 5

Lease No.
287538000

Lease No.
166850000

See
Sheet 4

Lease No.
175061000

Lease No.
286286004

Lease No.
285818001

Lease No.
228753000

Lease No.
03448

Lease No.
133249000

Lease No.
105372009

Lease No.
106363000

Lease No.
101605017

Lease No.
109947000

Lease No.
109489010

Lease No.
106953001

Lease No.
114866007

Longwell 9H
Landing Point

Lease No.
126678160

Lease No.
239080000

Lease No.
124019000

N 57°40'01" E
2437.92'

Lease No.
119078001

S 53°02'12" W
2865.60'

3/4" Rebar

Longwell 9H

6"x17"5"
Set Stone

S 52°41'23" E
1571.54'

05/22/2026

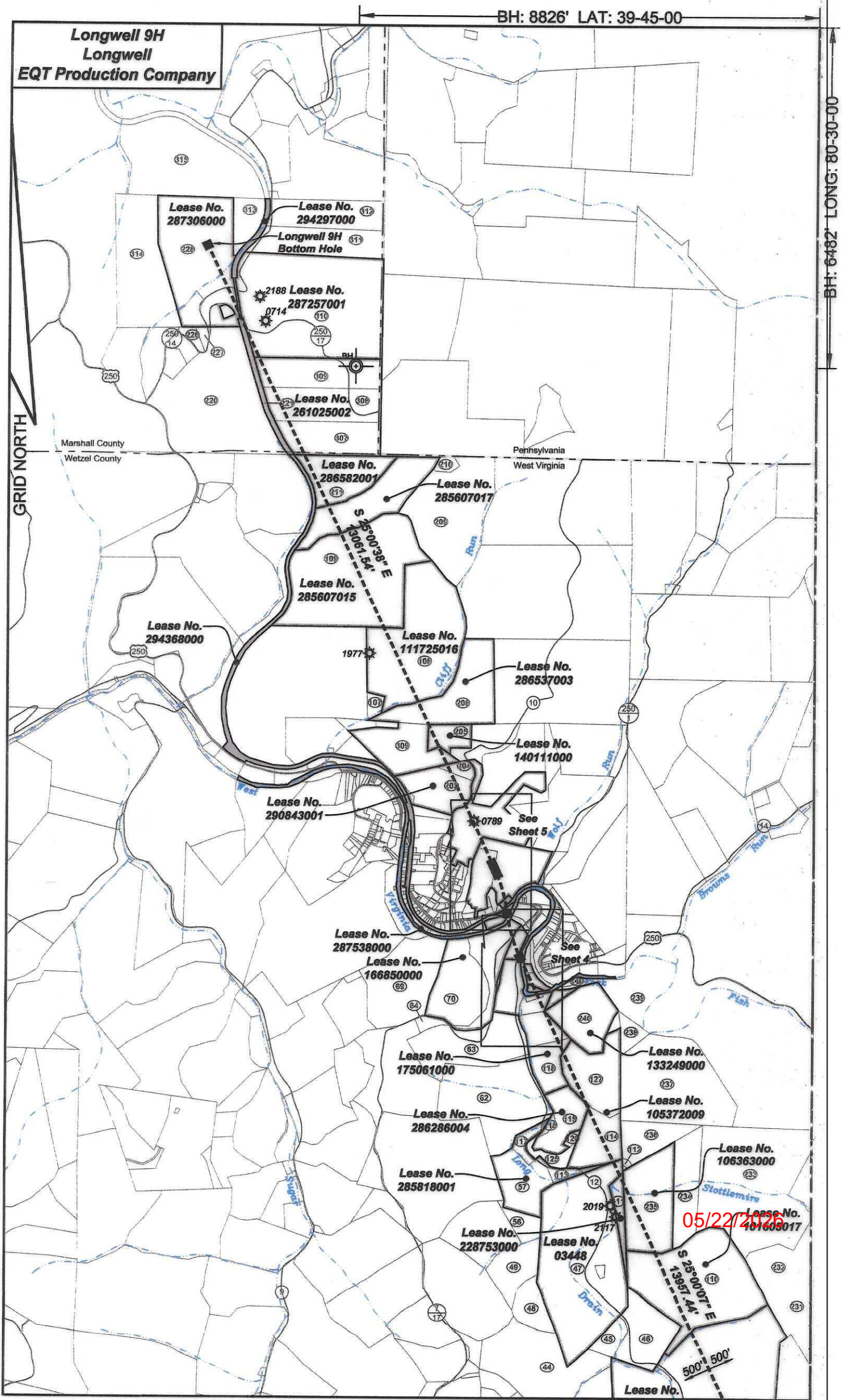
BH: 4203' LONG: 80-30-00

Longwell 9H
Longwell
EQT Production Company

BH: 8826' LAT: 39-45-00

BH: 6482' LONG: 80-30-00

GRID NORTH



Longwell 9H
Longwell
EQT Production Company

N 07°10'22" W
9.13'

GRID NORTH

Lease No.
166850000

Lease No.
286578000

Lease No.
03933

Lease No.
290549001

Lease No.
288105002

Lease No.
287538000

Lease No.
122005000

Lease No.
175061000

Lease No.
133249000

05/22/2026

CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	2864.34'	891.32'	N 16°05'14" W	887.73'
C2	2855.88'	778.71'	N 14°59'03" W	776.30'
C3	2676.21'	103.47'	N 23°54'11" W	103.46'

Longwell 9H
Longwell
EQT Production Company

CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	2864.34'	891.32'	N 16°05'14" W	887.73'
C2	2855.88'	778.71'	N 14°59'03" W	776.30'
C3	2676.21'	103.47'	N 23°54'11" W	103.46'

GRID NORTH

0789

Lease No.
126339018

306

Lease No.
111207003

304

N 23°41'4" E
122.71'

C2

Lease No.
283335000

Lease No.
294368000

N 07°10'22" W
9.73'

05/22/2026

250

103

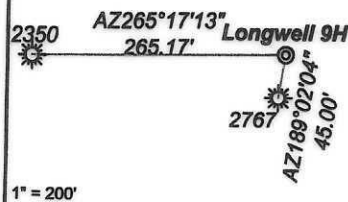
246

246

Longwell 9H
Longwell
EQT Production Company

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	10	13	Wetzel	Church	Jeffery I. Longwell	106.6
2	10	14	Wetzel	Church	Leann L. Hams & Penny L. Sole	0.6
3	10	4	Wetzel	Church	Lola J. LeMasters	33.09
4	10	5	Wetzel	Church	Bruce & Linda Garrison	61.5
5	6	29	Wetzel	Church	Larry V. Watson, et al	17.86
6	10	15	Wetzel	Church	Charles I. Miller	30
7	10	23	Wetzel	Church	John R. Rice	33
8	10	22	Wetzel	Church	Paul Hill Chapel	1.8
9	10	21	Wetzel	Church	Charles L. Matthews	29
10	10	20	Wetzel	Church	Catherine Roberts, et al.	50
11	10	12	Wetzel	Church	Harriet L. Tustin	56.32
12	1	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	0.88
16	6	12	Wetzel	Church	Edward M. Balkauf, et al	9.04
17	7	11	Wetzel	Clay	Edward M. Balkauf, et al	20.5
18	7	8	Wetzel	Clay	Paul R. Curry, et al	130
19	1	12	Wetzel	Clay	White M. Church & Peggy Brown	204.35
20	10	25	Wetzel	Church	Allin K. Greathouse	23
21	10	16	Wetzel	Church	Nicholas L. & Joseph K. Eastham	27
22	10	1	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	6	29.1	Wetzel	Church	Board of Education	10.61
26	6	27	Wetzel	Church	Larry V. Watson, et al	2.54
27	6	13	Wetzel	Church	Edward M. Balkauf, et al	2.9
28	6	14.1	Wetzel	Church	Edward M. Balkauf, et al	1.24
29	6	15	Wetzel	Church	Edward M. Balkauf, et al	28.5
30	1	1	Wetzel	Clay	Howard W. Farnish, Jr.	52.5
31	1	6	Wetzel	Clay	Stephen I. Varner	1
32	1	1	Wetzel	Clay	William A. Myers II	29.0
33	4	48	Wetzel	Clay	Stephen I. Varner	115.3
34	7	5	Wetzel	Clay	Stephen T. Varner	12.8
35	4	50.1	Wetzel	Clay	Richard L. Wise	23.05
36	4	49	Wetzel	Clay	Jack & Linda Mason	7.46
37	4	33	Wetzel	Clay	Jack & Linda Mason	19.08
38	1	25	Wetzel	Clay	Ralph M. Cramer	56.5
39	1	28	Wetzel	Clay	Robert J. Minor	38.3
40	1	27	Wetzel	Clay	Susan J. Minor	3.3
41	1	3	Wetzel	Clay	Urdley A. Calp	42.5
42	1	1	Wetzel	Clay	Godwin Living Trust	48.5
43	2	63	Wetzel	Clay	CNX Land LLC	61.94
44	2	19.1	Wetzel	Clay	Kevin N. Soles	3
45	2	19	Wetzel	Clay	Donna D. Soles	101.4
46	2	6	Wetzel	Clay	Sarah F. Fitzgerald Falala, et al	160
47	4	46	Wetzel	Clay	William Myers	77.7
48	4	42	Wetzel	Clay	Tim Williams	6
49	1	40	Wetzel	Clay	Ty Rabe	0.5
50	1	39	Wetzel	Clay	Jamie Johnson	4.4
51	1	38	Wetzel	Clay	L.N. Murphy	20.2
52	1	36	Wetzel	Clay	Dallison Lumber Inc.	11.8
53	1	35	Wetzel	Clay	Walter Longwell	1.2
54	4	34	Wetzel	Clay	William White	8.6
55	4	24	Wetzel	Clay	Dallison Lumber Inc.	10.3
56	4	53	Wetzel	Clay	Maureen Mackey	7.85
57	4	53.1	Wetzel	Clay	Maureen Mackey	3.4
58	4	57	Wetzel	Clay	David Milk	9.88
59	4	52	Wetzel	Clay	William Smith Estate	8
60	1	57	Wetzel	Clay	Piney Holdings Inc.	1.2
61	4	72	Wetzel	Clay	F.N. Murphy	33.5
62	1	4.1	Wetzel	Clay	Kevin S. & Melinda S. Gott	0.39
63	1	4.2	Wetzel	Clay	Patricia Parker	2.3
64	2	26	Wetzel	Clay	Constance Meighen	30.2
65	2	62	Wetzel	Clay	Thomas I. Meighen, et al	1
66	2	35	Wetzel	Clay	David Miller	13
67	2	18	Wetzel	Clay	Michael Wade	66
68	2	1	Wetzel	Clay	Thomas Strick	88.5
69	2	7	Wetzel	Clay	Kevin Soles	1.5
70	2	5	Wetzel	Clay	Thomas Bilinovich	31.5
71	23	16	Marshall	Liberty	Michael Pomeroy	99.55
72	23	29	Marshall	Liberty	CNX Land LLC	124.8
73	23	10	Marshall	Liberty	Virginia Midcap	1
74	23	17	Marshall	Liberty	Venue H&G	2
75	23	7	Marshall	Liberty	Paul Lucas	77.777
76	6	16	Wetzel	Church	Edward M. Balkauf, et al.	4.7
77	6	7	Wetzel	Church	Dallison Lumber Inc.	88
78	1	9	Wetzel	Clay	James Jones Estate	15.3
79	1	45	Wetzel	Clay	James Jones Estate	24.3
80	4	43	Wetzel	Clay	Kathryn Simoni	104
81	4	43.1	Wetzel	Clay	Kathryn Simoni	31.50
82	1	41	Wetzel	Clay	Valerie Kiger	37.33
83	4	21.1	Wetzel	Clay	Kathleen Mercer	45
84	1	21	Wetzel	Clay	Wilma Omduff	72.0
85	1	20.1	Wetzel	Clay	Wilma Omduff	4.5
86	4	20	Wetzel	Clay	Aaron Kalat	34.6
87	1	23	Wetzel	Clay	Richard Korman	30.4
88	1	54	Wetzel	Clay	Maureen Mackey	2
89	4	53.2	Wetzel	Clay	Hundred Littleton PSD	0.949
90	4	53.3	Wetzel	Clay	Hundred Littleton PSD	0.754
91	9	30	Wetzel	Clay	Hundred Littleton PSD	3.4
92	9	31	Wetzel	Clay	Paula Mackey	0.5
93	9	32	Wetzel	Clay	David Park	0.5
94	9	33	Wetzel	Clay	Patricia Parker	0.575
95	2L	65	Wetzel	Clay	Larry Wharton	1.5
96	2L	64	Wetzel	Clay	Larry Wharton	0.5
97	6	11	Wetzel	Church	Larry Watson	0.18
98	3L	15	Wetzel	Clay	CNX Land LLC	0.8
99	3L	12	Wetzel	Clay	Patricia St. John	Lot
100	3L	13	Wetzel	Clay	Patricia St. John	Lot
101	3L	14	Wetzel	Clay	Patricia St. John	Lot
102	2	38	Wetzel	Clay	Agnes King Fal	26.7
103	3L	6	Wetzel	Clay	Agnes King Fal	13
104	2	39	Wetzel	Clay	James Murphy, et al.	65
105	23	15	Liberty	Marshall	Thomas J. Bilinovich	32
106	23	14	Liberty	Marshall	Thomas J. Bilinovich	32
107	23	13	Liberty	Marshall	Thomas J. Bilinovich	32
108	23	12	Liberty	Marshall	Thomas J. Bilinovich	32
109	23	11	Liberty	Marshall	Thomas J. Bilinovich	32
110	23	10	Liberty	Marshall	Thomas J. Bilinovich	32
111	23	9	Liberty	Marshall	Thomas J. Bilinovich	32
112	23	8	Liberty	Marshall	Thomas J. Bilinovich	32
113	23	7	Liberty	Marshall	Thomas J. Bilinovich	32
114	23	6	Liberty	Marshall	Thomas J. Bilinovich	32
115	23	5	Liberty	Marshall	Thomas J. Bilinovich	32

Well References



Notes:

Longwell 9H coordinates are
NAD 27 N: 422,853.13 E: 1,719,833.53
NAD 27 Lat: 39.656716 Long: -80.495101
NAD 83 UTM N: 4,389,788.28 E: 543,329.92
Longwell 9H Landing Point coordinates are
NAD 27 N: 424,157.02 E: 1,721,893.45
NAD 27 Lat: 39.660358 Long: -80.487836
NAD 83 UTM N: 4,390,196.00 E: 543,950.88
Longwell 9H Bottom Hole coordinates are
NAD 27 N: 450,463.00 E: 1,709,934.79
NAD 27 Lat: 39.732206 Long: -80.531382
NAD 83 UTM N: 4,394,229.11 E: 541,987.55
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

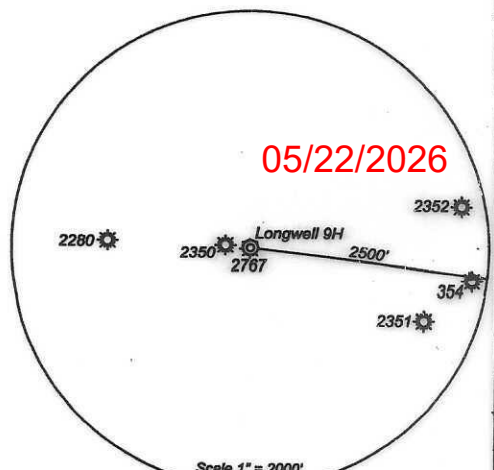
Longwell 7H

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
114868007	Samuel Harlan Ellis, et al.	45.13
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
109947000	Peggy Church Brown, et al.	31.307949 of 140
101605017	Linda Jo Wood Smith, et al.	80
106363000	Janet E. Love, et al.	37.5
228753000	William Francis Vieweg, et al.	6 of 50
03448	Steve Varner, et al.	116 of 152
285818001	Country Roads Minerals, LLC, et al.	36
105372009	AMP IV, LP, et al.	53.70
286286004	Gary H. Kappel, et al.	12.80
175061000	BRC Appalachian Minerals I, LLC BRC Minerals LP	36 of 31151.581
133249000	Elk Range Royalties II, LP, et al.	32.588
122005000	Maureen V. Mackey, et al.	2.00
287538000	West Virginia Division of Natural Resources	38.1877
288105002	Morris Mountaineer Oil and Gas, et al.	0.75
290549001	Morris Mountaineer Oil and Gas, et al.	3.146
03933	Liberty Holding Company	0.575
286578000	Bounty Minerals, et al.	16.30
166850000	AMP IV, LP, et al.	48.5
294368000	CNX Gas Company, LLC	61.94
294368000	CNX Gas Company, LLC	0.80
283335000	Patricia A. St. John	0.26
111207003	Patsy Ann Carlsson, et al.	39.90
126339018	Wilma Marie Morris, et al.	109.80
290843001	Constance Meighen-Cichon	34.2
140111000	EQT TGH Exploration II LLC	13 of 1962.7875
286537003	Foss Minerals, LLC, et al.	81.70
111725016	Standard Land Company, LLC, et al.	101.1375
285807015	The Habitat for Humanity, et al.	160
285807017	George Doyle Self, et al.	160
286582001	Thomas F. Bilinovich 2017 Trust, et al.	31.50
261025002	Chestnut Holdings, Inc., et al.	96
287257001	Highlands Royalty Fund LLC, et al.	130
294297000	CNX Gas Company LLC	8.71
287306000	AMP V, LP	83.0125



**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

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 USA Inc. WV Minerals, Inc. Gastar Exploration Inc. TH Exploration II, LLC TH Exploration II, LLC	85 ac	TH Exploration II, LLC TH Exploration II, LLC TH Exploration II, LLC EQT TGH Exploration II LLC EQT TGH Exploration II LLC		DB 469/502 DB 470/349 OG 173A/431 MB 153/704 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>Stone Hill Mineral Holdings, LLC, et al</u>			*at least 1/8th per WV Code 22-6-8"	
✓ 126678160	Stone Hill Mineral 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 Antero Resources Corporation	20.5 ac of 49 ac	Antero Resources Corporation EQT Production Company		OG 181A/668 OG 231A/59
	<u>Paul R. Curry, et ux, et al</u>			*at least 1/8th per WV Code 22-6-8"	
✓ 109489010	Joe Church, et ux Drilling Appalachian Corporation Grenadier Energy Partners, LLC Drilling Appalachian Corporation Grenadier Energy Partners, LLC	170 ac	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc.		OG 91A/134 OG 124A/9 OG 138A/1 OG 138A/54 OG 153A/695

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Drilling Appalachian Corporation
Statoil USA Onshore Properties Inc.

Statoil USA Onshore Properties Inc.
EQT Production Company

OG 153A/640
OG 175A/707

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

Peggy Church Brown, et al

31.307949 ac
of 140 ac

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

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

Linda Jo Wood Smith, et al

80 ac

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

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"

Janet E. Love, et al

37.5 ac

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

Hope Natural Gas Company
Pittsburgh and West Virginia Gas Company
Equitable Gas Company
Equitrans, Inc.
Tri-County Oil & Gas, Inc.
Leatherwood, Inc.
CNX Gas Company, LLC
Antero Resources Appalachian Corporation
EQT Production Company

OG 5A/334
OG 33A/384
DB 187/321
OG 71A/453
OG 77A/432
WVSOS - merger
OG 102A/146
OG 126A/231
OG 231A/22

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

William Francis Vieweg, et al

6 ac
of 50 ac

Amos Joliffe, et ux
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
Antero Resources Corporation
Antero Resources Corporation
Martica Holdings, LLC

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

OG 6A/465
OG 6A/494
OG 6A/493
OG 24A/215
OG 39A/387
OG 54A/1
DB 263/164
OG 72A/368
DB 402/446
OG 97A/578
OG 157A/540
WVSOS
OG 158A/801
CB 13/296
OG 177A/738
OG 177A/533
CB 13/311
OG 242A/1
OG 243A/1
OG 244A/1
OG 320A/71

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

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Antero Resources Corporation

EQT Production Company

OG 324A/748

*at least 1/8th per WV
Code 22-6-8"Steve Varner, et al116 ac
of 152 ac

Henry Sole
South Penn Oil Company
South Penn Natural Gas Company
Pennzoil Company
Pennzoil Company
Pennzoil Products Company
Pennzoil Exploration and Production Company
PennzEnergy Exploration and Production, LLC
Devon Energy Production Company
Stephen T. Varner and Cynthia S. Varner, h/w
East Resources, Inc.
HG Energy, LLC
American Energy-Marcellus, LLC
Ascent Resources-Marcellus, LLC
Tribune Resources, LLC

South Penn Oil Company
South Penn Natural Gas Company
Pennzoil Company
Pennzoil Products Company
Pennzoil Products Company
Pennzoil Exploration and Production Company
PennzEnergy Exploration and Production, LLC
Devon Energy Production Company
East Resources, Inc.
East Resources, Inc.
HG Energy, LLC
American Energy-Marcellus, LLC
Ascent Resources-Marcellus, LLC
Tribune Resources, LLC
EQT Production Company

OG 51/139
OG 33A/455
WVSOS
DB 319/397
DB 322/577
DB 363/384
CB 12/177
CB 12/278
DB 370/580
OG 88A/521
OG 118A/253
OG 153A/238
MB 114/619
CB 13/421
Docket 448

Country Roads Minerals, LLC, et al

Country Roads Minerals, LLC

36 ac

EQT Production Company

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

OG 415A/917

AMP IV, LP, et al

AMP IV, LP

53.70 ac

EQT Production Company

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

OG 268A/180

Gary H. Kappel, et al

Gary H. Kappel

12.80 ac

EQT Production Company

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

OG 418A/592

BRC Appalachian Minerals I, LLCBRC 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

36 ac
of 31,151.581 ac

BRC Working Interest Company LLC

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

OG 102A/505

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 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

Amended and Restated Memorandum of Paid Up Oil and Gas Lease

Elk Range Royalties II, LP, et al

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

32.588 ac

LOLA Drilling I, LLC
Elk Range Royalties II, LP
Rice Drilling B, LLC

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

OG 174A/22
DB 509/829
OG 190A/200

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✓ 122005000	<u>Maureen V. Mackey, et al</u> Maureen V. Mackey and Howard Paul Mackey, Sr. Antero Resources Company	2.00 ac	Antero Resources Company EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 195A/224 OG 231A/59
✓ 287538000	<u>West Virginia Division of Natural Resources</u> West Virginia Division of Natural Resources	38.1877 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 424A/155
✓ 288105002	<u>Morris Mountaineer Oil and Gas, LLC, et al</u> Morris Mountaineer Oil and Gas, LLC	0.75 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 437A/665
✓ 290549001	<u>Morris Mountaineer Oil and Gas, et al</u> Morris Mountaineer Oil and Gas	3.146 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 437/483
✓ 03933	<u>Liberty Holding Company, et al</u> Liberty Holding Company	0.575 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" Docket 448
✓ 286578000	<u>Bounty Minerals, et al</u> Liberty Holding Company, Inc. SWN Production Company and Equinor USA Onshore Properties, Inc.	16.80 ac	SWN Production Company EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 327A/290 OG 415A/536
✓ 166850000	<u>AMP IV, LP, et al</u> AMP IV, LP	48.5 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 267A/757
✓ 294368000	<u>CNX Gas Company, LLC</u> CNX Gas Company, LLC	61.94 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 434A/719
✓ 294368000	<u>CNX Gas Company, LLC</u> CNX Gas Company, LLC	0.80 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 434A/719
✓ 283335000	<u>Patricia A. St. John</u> Patricia A. St. John	0.26 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 407A/506
✓ 111207003	<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
✓ 126339018	<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
✓ 290843001	<u>Constance Meighen-Cichon</u> Constance Meighen-Cichon, a/k/a Constance Meighen	34.2 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8" OG 431A/182

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EQT TGH Exploration II LLC

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

140111000

TH Exploration II, LLC
TH Exploration, LLC

13 ac of
1,962.7875 ac

TH Exploration, LLC
EQT TGH Exploration LLC

OG 252A/110
Misc 154/899

Foss Minerals, LLC, et al.

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

286537003

Foss Minerals, LLC
SWN Production Company, LLC
Equinor USA Onshore Properties Inc.

81.70 ac

SWN Production Company, LLC
EQT Production Company

OG 338A/808
OG 415A/536

Standard Land Company, LLC, et al.

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

111725016

Standard Land Company, LLC
Antero Resources Corporation

101.1375 ac

Antero Resources Corporation
EQT Production Company

OG 184A/877
OG 231A/59

The Habitat for Humanity, et al.

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

285607015

Habitat for Humanity of Metro Denver

160 ac

EQT Production Company

OG 423A/85

George Doyle Self, et al.

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

285607017

George D. Self, a widower, dealing in their sole and separate interest

160 ac

EQT Production Company

OG 428A/812

Thomas F. Bilinovich 2017 Trust, et al.

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

286582001

Thomas F. Bilinovich, widower
SWN Production Company, LLC
Equinor USA Onshore Properties Inc.

31.50 ac

SWN Production Company, LLC
EQT Production Company

OG 349A/486
OG 415A/536

Chestnut Holdings, Inc., et al.

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

261025002

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

DB 950/318
AB 42/491
AB 53/391

Highlands Royalty Fund LLC, et al.

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

287257001

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

DB 944/272
AB 41/422
AB 53/391

CNX Gas Company LLC

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

294297000

CNX Gas Company LLC

8.71 ac

EQT Production Company

DB 1246/679

AMP V, LP

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

287306000

AMP V, LP
SWN Production Company, LLC
Equinor USA Onshore Properties Inc.

83.0125 ac

SWN Production Company, LLC
EQT Production Company

DB 1158/212
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 9H 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

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Enc.

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Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
<u>03932</u>	<u>David M. Park, et al</u> David M. Park	0.375 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	Docket 448
<u>032L65</u>	<u>Katherine Scott Soles, et al</u> Katherine Scott Soles	1.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	Docket 448

☐ Force Pool Tract(s) Within Lease Boundaries

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Longwell 9H

EQT Production Company

"Detail of Lease No. 03932"



Lease No.
175061000

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Scale: 1 Inch = 30 Feet

Lease No.
287538000

Lease No.
03932

23.79'
Proposed Well Bore

Lease No.
290549001

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:

9H Addendum
Lease 03932.dwg

PROJECT NO:

14-34-C-24

PREPARED: February 26, 2026

DRAWN BY: Tim Rutledge

Sheet 1 of 1

Longwell 9H
EQT Production Company
"Detail of Lease No. 03L65"

Lease No.
294368000



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Lease No.
032L65

Lease No.
287538000

12.21'
Proposed Well Bore



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: 9H Addendum
Lease 03L65.dwg

PROJECT NO: 14-34-C-24

PREPARED: April 23, 2026

DRAWN BY: Tim Rutledge

Sheet 1 of 1



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 gH
47-103-03759
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,

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

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Environmental Protection

05/22/2026