

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

Friday, April 4, 2025
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY 400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re:

Permit Modification Approval for ELLIOTT 8H

47-049-02556-00-00

Extended lateral length and adding an AST

EQT PRODUCTION COMPANY

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

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

James A. Martin

Chief

Operator's Well Number: ELLIOTT 8H

Farm Name: MARION COUNTY COAL RESOURCES INC.

U.S. WELL NUMBER: 47-049-02556-00-00

Horizontal 6A New Drill

Date Modification Issued: 4/4/2025

Promoting a healthy environment.

API NO. 47-049	- 02556
OPERATOR W	/ELL NO. 8H
Well Pad Nar	me. Elliott

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

1) Well Operate	or: EQT Pr	oduction Company	306686	Marion		Glover Gap	
			Operator ID	County	District	Quadrangle	
2) Operator's V	2) Operator's Well Number: 8H Well Pad Name: Elliott						
3) Farm Name/	Surface Own	er: Marion County Coal Reso	Public Roa	d Access: CR	5		
4) Elevation, cu	irrent ground	: 1,342' (pad built) E	levation, proposed	post-construction	on: 1,342'		
5) Well Type	(a) Gas	Cil	Unde	erground Storag	ge		
	Other						
	(b)If Gas	Shallow X	Deep				
		Horizontal X					
6) Existing Pad	: Yes or No	Yes		=)			
	rget Formatio 796', 78', 2593	on(s), Depth(s), Antic	ipated Thickness a	nd Expected Pr	essure(s):		
8) Proposed To	tal Vertical D	Depth: 7,796'					
9) Formation at	Total Vertica	al Depth: Marcellus	S				
10) Proposed To	otal Measure	d Depth: 26,425'					
11) Proposed H	orizontal Leg	g Length: 18,197'					
12) Approximat	te Fresh Wate	er Strata Depths:	202', 287', 338'				
13) Method to I	Determine Fre	esh Water Depths:	Offset Wells - 47-0	049-01477, 47-	049-02498	, 47-049-01478	
14) Approximat	e Saltwater [Depths: 1,797', 1,90	9', 1,945', 2,412'				
15) Approximat	e Coal Seam	Depths: 870'-875',	969'-977'				
16) Approximat	e Depth to Po	ossible Void (coal mi	ine, karst, other):	N/A			
		tion contain coal sear t to an active mine?	ns Yes	No.	X		
(a) If Yes, pro	vide Mine In	fo: Name:			Office	ECEIVED of Oil and Gas	
14 com	68667	Depth:					
K * WW 6	~ 6 0	Seam:				1 0 2025	
\$ 250	0 0 7075	Owner:			WV De Environme	epartment of ental Protection	
2/-	7/2025						

WW-6B
(04/15)

API	NO.	47-	049	-	02556
		-			

OPERATOR WELL	NO.	8H
Well Pad Name:	Elliott	

18)

CASING AND TUBING PROGRAM

ТҮРЕ	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	53	53	97 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1040	1040	1033 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2516	2516	1050 ft^3 / CTS
Production	5 1/2	New	P-110	20	26425	26425	500' above intermediate casing
Tubing							
Liners							

ТҮРЕ	Size (in)	Wellbore Diameter (in)	<u>Wall</u> <u>Thickness</u> (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	
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class L	1.08
Coal							
Intermediate	9 5/8	12 3/8 - 12 1/4	0.352	3520	2816	Class L	1.13
Production	5 1/2	8 3/4 - 8 1/2	0.361	14360	11488	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

PACKERS

Kind:		
Sizes:		 RECEIVEL Office of Oil and Gas
Depths Set:		MAR 10 2025

WW-6B	
(10/14)	

API NO. 47- 049 - 02556	
OPERATOR WELL NO.	8H
Well Pad Name: Elliott	<u> </u>

(9) Describe proposed well work, including the drilling	ing and plugging back of any pilot hole
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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): 27.35 Acres
- 22) Area to be disturbed for well pad only, less access road (acres): 10.47 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.

Office of Oil and Gas

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

Conductor: Class A no additives

MAR 1 0 2025

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

WW Department of Intermediate: Calcium Chloride. Used to speed the setting of cement slurries. If applicable: Gas Migration Control Additional Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder,

Anti-Settling/Suspension Agent

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.

Kenny Willett 3/3/25

Page **3** of **3** 04/04/2025

	EQT Producti	on Wellbore Diagram
Well: Pad: Elevation:	Elliot 8H Elliot 1342' GL 1355'	County: Marion State: West Virginia KB
		Conductor @ 53' 26", 85.6#, A252, cement to surface w/ Class A
	4	Surface @ 1,040' 13-3/8", 54.5#, J-55, cement to surface w/ Class L
		Intermediate @ 2,516' 9-5/8", 36#, J-55, cement to surface w/ Class L
		Office of Oil and Gas MAR 10 2025 WV Department of Environmental Protection Production @ 26,425' MD / 7,796' TVD
Formation	n: Marcellus	5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L Senny Willstt 3/3/25
		0407470085ALE

WEST VIRGINIA GEOLOGICAL PROGNOSIS

Elliott Elliot South S-000536

1342

Drilling Objectives:
County:

Marcellus

Marion

1355 KB

GL

Recommended Azimuth

Coal requirements:

Elevation:

Elliott wells are located in an existing perimeter barrier of the active Harrison County Mine (Pittsburgh #8 coal seam)

Notify Consolidation Coal Company/Murray American Energy, Inc at least two weeks prior to commencement of well drilling
Run a well deviation survey from the surface to the drilled depth approximiately 20' above the Pittsburgh #8 coal seam and
prompty provide the certified results of the deviation survey. Well shall be limited to a total deviation not to exceed 1%

ESTIMATED FORMATION TOPS Derived From 1. Campage 5H 4704002522, Page 2H 470400225

157 Degrees

Formation	Top (TVD)	Base (TVD)	Lithology	Comments	
Fresh Water Zone	1	338		FW @ 202,287,338,	
Sewickley Coal	870	875 Co	al	Solid Coal/Not Mined	
Pittsburgh Coal	969	977 Co	al	Solid Coal	
Big Lime	2402	2476 Lin	nestone	SW @ 1797,1909,1945,2412	
Big Injun	2476	2577 Sa	ndstone		
Int. csg pt	2485			Casing point depth determined from Elliott North wells	
Gantz	3066	3192 Sa	ndstone	Gas shows @ 2412,2932,3026,3085,3164,3360,4755,	
50F	3120	3174 Sil	ty Sand		
Fifth Sand	3301	3353 Sil	ty Sand		
Bayard	3398	3433 Sil	ty Sand	Base of Offset Well Perforations at 4755' TVD	
Alexander	5810	5859 Sil	ty Sand		
Elks	6193	7216 Gr	ay Shales and Silts		
Sonyea	7216	7413 Gr	ay shale		
Middlesex	7413	7480 Sh	ale		
Genesee	7480	7582 Gr	ay shale interbedded		
Geneseo	7582	7620 Bla	ack Shale		
Tully	7620	7656 Lir	nestone		
Hamilton	7656	7757 Gr	ay shale with some		
Marcellus	7757	7835 Bla	ick Shale		
Purcell	7800	7802 Lir	nestone		
-Lateral Zone	7796			Start Lateral at 7796'	
Cherry Valley	7815	7817 Lir	nestone		
Onondaga	7835	Lir	nestone		

Top RR Base RR No red rock reported on offsets

Target Thickness 78 feet
Max Anticipated Rock Pressure 2593 PSI

Comments:

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

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 leaseline.

RECOMMENDED CASI	ING POINTS

Conductor:	CSG OD	26"	CSG DEPTH:
Fresh Water/Coal	CSG OD	13 3/8"	CSG DEPTH:
Intermediate 1:	CSG OD	9 5/8"	CSG DEPTH:
Production:	CSG OD	5 1/2"	CSG DEPTH:

anned Depth KB	Planned Depth GL	
40	40	FW NEEDS UPDATED WITH EQT SAMPLING PRIOR TO DRILLING

. 9.00	4.60	THE THE PROPERTY OF THE PARTY O
1027	1014	50 ft below mineable coal
2485	2472	Based on casing set depth on Elliott North wells
@ TD	@ TD	Section 2

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WV Department of Environmental Protection

Kenny Willett 3/3/25

EQT Production

Hydraulic Fracturing Monitoring Plan

Pad ID: Elliott

County: Marion

March 5, 2025

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MAR 10 2025

Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Marion County, WV prior to hydraulic fracturing at the following EQT wells on the Elliott pad: 2H, 4H, 6H, 8H, 10H, 12H, 14H & 16H.

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

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

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

1. Communications with Well Operators

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

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

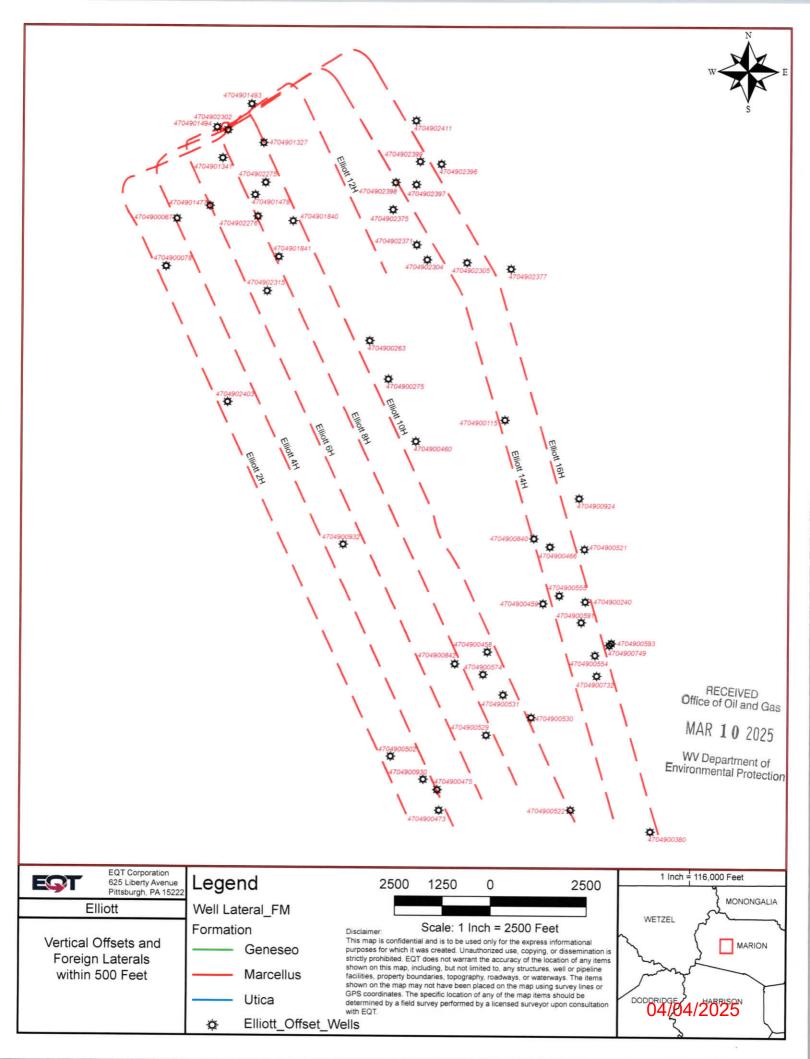
EQT will recommend to these operators at a minimum to:

- Inspect their surface equipment prior to fracturing to establish integrity and establish prefrac well conditions
- 2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
- 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 RECEIVED Office of Oil and Gas

2. Reporting

MAR 10 2025

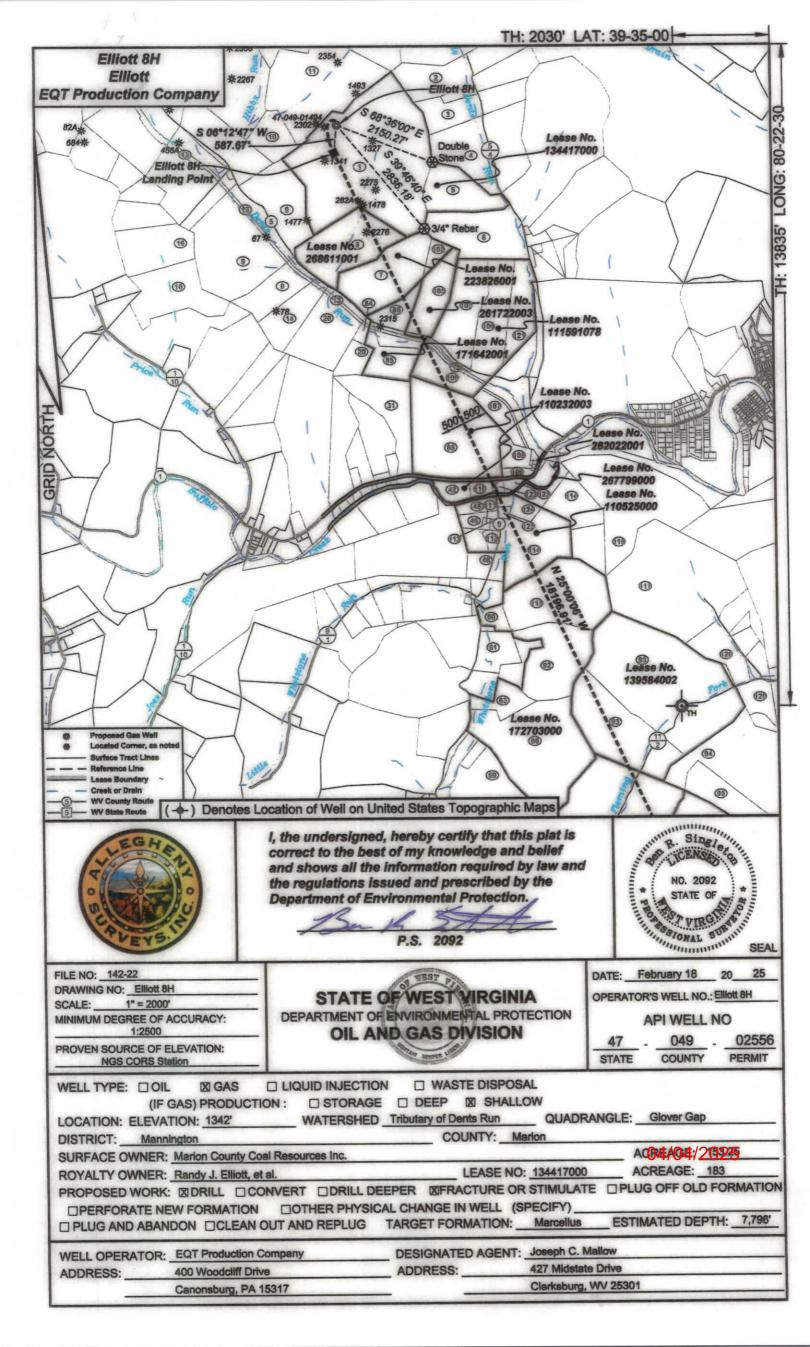
EQT will provide information relating to the hydraulic fracturing schedule, communication with whose partment of operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of protection noted abnormalities.

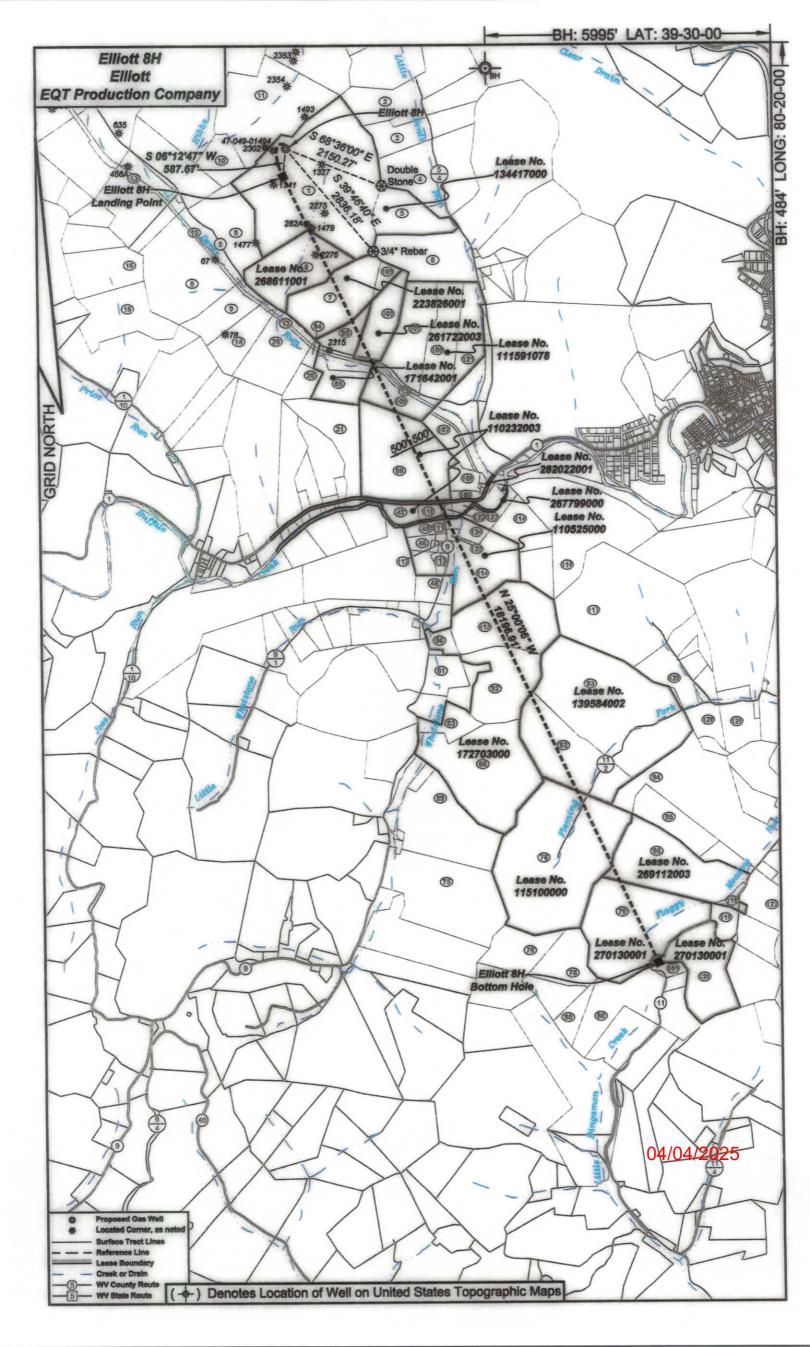


UWI ABAND DATE CURR OPER	ELEV RF CD	CIELD NAME	FNL CLASS	LATITUDE LONGI	ITUDE OPER NAME	PROJ TD SPUD DATE ELEVA	ATION TOT DEPTH
014930000 9/16/2013 Consolidation Coal Company	GR ELEV_RF_CD	Glover Gap	DEVELOPMENT WELL-GAS	39.54707900	-80.37989800 Consol	0.00000000 5/7/2004	1340.00 3420.00
014940000 NA Elliott and Stafford	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.54542400	-80.38304800 Falcon Holdings	0.00000000 4/28/2004	1311.00 3350.00
023020000 Cancelled	GR	Glover Gap	N/A	39.54520800	-80.38205000 Trans Energy	0.00000000 7/31/2001	1280.00 7200.00
024110000 1/27/2017 Consolidation Coal Company	GR	Glover Gap	N/A	39.54605100	-80.36467200 DAC	0.00000000 N/A	1075.00 N/A
013270000 10/23/2013 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.54433400	-80.37872300 RJAL Inc.	0.00000000 10/19/2001	1461.00 5010.00
013410000 NA Elliott and Stafford	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.63339800	-80.53075000 RIAL Inc.	0.00000000 10/5/2001	1090.00 3360.00
023990000 5/12/2015 Consolidation Coal Company	GR	Glover Gap	N/A	39.54314700	-80.36423300 N/A	0.00000000 N/A	1293.00 N/A
023960000 4/27/2015 Consolidation Coal Company	GR	Glover Gap	N/A	39.54298300	-80.36228000 N/A	0.00000000 N/A	1170.00 3340.00
023980000 5/14/2015 Consolidation Coal Company	GR	Glover Gap	N/A	39.54163700	-80.36647000 N/A	0.00000000 N/A	1113.00 N/A
022750000 2/5/2014 Consolidation Coal Company	GR	Glover Gap	N/A	39.54151200	-80.37849300 N/A	0.00000000 N/A	1148.00 N/A
02397000 5/14/2015 Consolidation Coal Company	GR	Mannington	N/A	39.54150900	-80.36456200 N/A	0.00000000 N/A	1193.00 N/A
014780000 2/27/2014 Elliott and Stafford	GR	Glover Gap	DEVELOPMENT WELL	39.54061600	-80.37944300 Faicon Holdings	0.00000000 2/28/2004	1097.00 3190.00
014770000 2/6/2014 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELI	39.53979200	-80.38359300 Falcon Holdings	0.00000000 3/25/2004	1177.00 3361.00
000670000 6/6/2014 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL	39.53884300	-80.38662700 Elliott Samuel	0.00000000 1/14/1937	990.00 2812.00
022760000 2/12/2014 Consolidation Coal Company	GR	Glover Gap	N/A	39.53908300	-80.37916600 N/A	0.00000000 N/A	1178.00 N/A
018400000 Cancelled	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.53885000	80.37593100 Linn Operating	0.00000000 N/A N/A	N/A
023750000 7/19/2017 Consolidation Coal Company	GR	Mannington	N/A	39.53969200	-80.36668500 Consolidation Coal Company	0.00000000 8/5/2003	1054.00 N/A
23710000 6/27/2017 Consolidation Coal Company	GR	Mannington	N/A	39.53721100	-80.36443900 Consolidation Coal Company	0.00000000 N/A	1299.00 N/A
018410000X unknown Consolidation Coal Company	GR	Glover Gap	Unclassified	39.53624000	-80.37705500 Linn Operating	0.00000000 unknown	1300.00 3275.00
000780000 6/11/2015 Consolidation Coal Company	GR	Glover Gap	Unclassified	39.53541500	-80.38756500 Samuel Elliott	0.00000000 10/1/1938	1197.00 3394.00
023150000 6/4/2015 Consolidation Coal Company	GR	Glover Gap	N/A	39.53376200	-80.37818900 Consolidation Coal Company	0.00000000 N/A	988.00 N/A
023040000 6/3/2014 Consolidation Coal Company	GR	Mannington	N/A	39.53614200	80.36344800 Consolidation Coal Company	0.00000000 N/A	1265.00 N/A
023050000 5/22/2014 Consolidation Coal Company	GR	Mannington	N/A	39.53596900	-80.35977200 Consolidation Coal Company	0.00000000 N/A	1176.00 N/A
023770000 5/30/2017 Consolidation Coal Company	GR	Mannington	N/A	39.53555900	-80.35569100 Consolidation Coal Company	0.00000000 N/A	1405.00 N/A
00263000 NA East Resources	GR	Mannington	Unsuccessful	39.53032100	-80.36864600 Wolfs Head Oil	0.00000000 6/18/2007	977.00 2930.00
002750000 NA East Resources	GR	Mannington	Unsuccessful	39.52760900	-80.36686300 Wolfs Head Oil	0.00000000 11/1/1964	972.00 2810.00
024030000 NA West Virginia Land Resources	GR	Unknown	DEVELOPMENT WELL-GAS	Unknown Unkno	own Consolidation Coal Company	0.00000000 unknown unknown	own unknown
004600000 7/8/2011 East Resources	GR	Mannington	DÉVELOPMENT WELL-GAS	39.52318900	-80.36422200 Pennzoil	0.00000000 6/25/1925	1195.00 3133.00
0011500000 NA Eastern Gas	GR	Mannington	DEVELOPMENT WELL-OIL	39.52483300	-80.35597100 Hope	0.00000000 3/1/1944	1084.00 2715.00
009240000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.51927400	-80.34905500 Pennzoil	0.00000000 N/A N/A	N/A
008400000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.51637400	-80.35317300 Pennzoil	0.00000000 6/13/1925 N/A	N/A
005210000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.51564800	-80.34849300 Pennzoil	0.00000000 7/5/1914	1416.00 3295.00
009210000 NA DIVERSIFIED	GR	Mannington	DEVELOPMENT WELL-OIL	39.55352900	-80.31733000 Pennzoil	0.00000000 6/8/1917	1271.00 2186.00
004660000 8/3/2012 Consolidation Coal Company	GR	Glover Gap	Unclassified	39.54850900	-80.46438200 Pennzoil	0.00000000 9/23/1890	1107.00 1984.00
009320000 NA Unknown	GR	Mannington	Unclassified	39.51579400	-80.37077200 Clowser Well Service	0.00000000 unknown unknown	own unknown
005550000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.51231300	-80.35073900 Pennzoil	0.00000000 8/23/1891	1107.00 2126.00
002400000 NA DIVERSIFIED	GR	Mannington	Unsuccessful	39.51187500	-80.34835400 South Penn Oil	0.00000000 N/A	1052.00 2071.00
004590000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.51173300	-80.35223600 Pennzoil	0.00000000 9/3/1891	1235.00 2128.00
005910000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.51042800	-80.34867900 Pennzoil	0.00000000 7/16/1894	1361.00 2229.00
005930000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.50897800	-80.34587100 Pennzoil	0.00000000 12/16/1895	1120.00 1995.00
007490000 10/11/1983 Eastern Associated	GR	Mannington	Unclassified	39.50883300	-80.34605800 Eastern Associated	0.00000000 10/11/1983	1121.00 3394.00
005540000 NA DIVERSIFIED	G₹	Mannington	Unclassified	39.50810800	-80.34736800 Pennzoil	0.00000000 5/30/1905	1152.00 2010.00
004580000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.50825300	-80.35729000 Pennzoil	0.00000000 8/1/1893	1359.00 2238.00
008420000 NA Ross and Wharton		Mannington	Unclassified	39.50738300	-80.36028500 Flaggy Meadow Oil	0.00000000 9/17/1891	1151.00 N/A
005740000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.50665800	-80.35766400 Pennzoil	0.00000000 9/20/1895	1493.00 2372.00
007320000 NA Eastern Associated	GR	Mannington	Unclassified	39.50665800	-80.34718100 Eastern Associated	0.00000000 N/A	1117.00 N/A
005310000 NA DIVERSIFIED		Mannington	Unclassified	39.50520800	-80.35579100 Pennzoil	0.00000000 12/17/1896	1332.00 2201.00
005300000 NA DIVERSIFIED		Mannington	Unclassified	39.50361300	-80.35317000 Pennzoil	0.00000000 12/12/1895	1230.00 2102.00
005290000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.50230800	-80.35728800 Pennzoil	0.00000000 10/16/1895	1458.00 2344.00
005020000 NA GB Hefner and Associates		Mannington	DEVELOPMENT WELL-GAS	39.50067700	-80.36611300 Pennzoil	0.00000000 1/1/1917	1518.00 2412.00
009300000 NA DIVERSIFIED		Shinnston	Unclassified	39.49906900	-80.36309000 Pennzoil	0.00000000 N/A N/A	N/A
004750000 NA DIVERSIFIED	GR	Shinnston	Unclassified	39.49834400	-80.36177900 Pennzoil	0.00000000 8/9/1900	1460.00 2198.00
004730000 NA DIVERSIFIED	GR	Shinnston	Unclassified	39.49689400	-80.36159100 Pennzoil	0.00000000 N/A	1324.00 N/A
005220000 NA DIVERSIFIED	GR	Shinnston	Unclassified	39,49703900	-80.34942500 Pennzoil	0.00000000 4/27/1913	1480.00 2271.00
003800000 NA DIVERSIFIED	GR	Shinnston	Unclassified	39.49552100	-80.34203600 Consolidated Gas Supply	0.00000000 6/24/2009	1455.00 N/A

WV Department of Environmental Protection

Office of Oil and Gas
MAR 10 2025

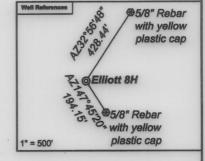




Elliott 8H Elliott EQT Production Company

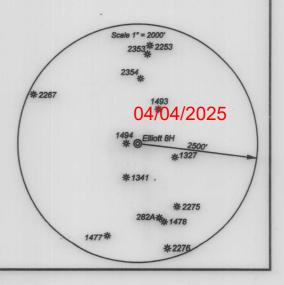
Tract I.D.			
HINGE HE	Tax Map No.	Parcel No.	County District
1	34	40	Marion Mannington
2	3/1	49	Marion Mannington
3	34	47	Marion Mannington
4	33	1	Marion Mannington
5	34	40.1	Marion Mannington
6	34	45	Marion Mannington
7	34	41	Marion Mannington
8	34	39	Marion Mannington
9	34	33	Marion Mannington
10	34	38	Marion Mannington
11	34	37	Marion Mannington
13	34	52	Marion Mannington
14	34	32	Marion Mannington
20	34	31	Marion Mannington
31	34	16	Marion Mannington
42	34	17	Marion Mannington
45	65	6.2	Marion Mannington
46	65	6	Marion Mannington
48	6.5	49	Marion Mannington
60	67	5.1	Marion Mannington
61	67	6	Marion Mannington
63	67	8	Marion Mannington
66	67	9	Marion Mannington
69	67	10.1	Marion Mannington
75	67	14	Marion Manningtor
76	68	4	Marion Manningtor
78	GG	11.1	Marion Mannington
79	68	5	Marion Mannington
80	66	12	Marion Mannington
83	34	37	Marion Mannington
84	3/1	30	Marion Mannington
85	34	47	Marion Mannington
86	34	17	Marion Mannington
92	67	5	Marion Mannington
93	68	3	Marion Mannington
94	68	9	Marion Mannington
95	68	8	Marion Mannington
96	68	7.10	Marion Mannington
101	66	19	Marion Mannington
105	34	43	Marion Mannington
106	34	44	Marion Mannington
107	34	50	Marion Mannington
108	3/1	18	Marion Mannington
109	34	19	Marion Mannington
110	34	17.2	Marion Mannington
111	65	6.3	Marion Mannington
112	65	5	Marion Mannington
113	65	3	Marion Mannington
114	67	3	Marion Mannington
115	67	4	Marion Mannington
116	67	1	Marion Mannington
11/	68	2	Marion Mannington
118	68	7	Marion Mannington
119	68	6	Marion Mannington
120	69	59	Marion Mannington
121	34	44.1	Marion Mannington
122	34	17.1	Marion Mannington
123	34	21	Marion Mannington
124	67	2	Marion Mannington
	137		
	67		
125	67 68	7.1	Marion Mannington Marion Mannington

Surface Tract Owner	Acres
Marion County Coal Resources Inc.	153.25
Thomas D. & Aimee J. Haught	24.78
Edward F. Price	23
Thomas D. & Aimee J. Haught	106.823
Betty J. Fluharty	29.75
City of Mannington	12.5
Marion County Coal Resources Inc.	47
Marion County Coal Resources Inc.	42.75
Marion County Coal Resources Inc.	134
Marion County Coal Resources Inc.	17
Marion County Coal Resources Inc.	133.37
C5X Transportation Marion County Coal Resources Inc.	22.25
Consolidation Coal Company	NA
Michael R. & Lou Ann Harris	35.5239
Vicki L. Gripper, et al.	86,59
Michelle & Scott Williams	4.92
Jennifer A. Barker	4.62
Nelson W. & Carmen G. Hays	19.35
State Soil Conservation Commission	8.37
State Soil Conservation Commission	18.5
State Soil Conservation Commission	13.6
State Soil Conservation Commission	94.8
Lloyd L. & Sunday R. Barker	46.39
Lloyd L & Sunday R. Barker	71.2
Robert E. & Florence J. Masters	139
Michael L. & Billie J. Shearer	47.G8
DTM Appalachia Gathering LLC	84.76
Michael L. & Billie J. Shearer	47.17
Consolidation Coal Company	NA
Consolidation Coal Company	NA
Consolidation Coal Company	38.1
Vicki L Gripper, et al.	86.59 54.54
State Soil Conservation Commission Doris J. Brown	120.25
Freeland W. & Crystal A. Miller	87,704
Freeland W. & Crystal A. Miller	24.87
DTM Appalachia Gathering LLC	NA
Billie J. Creak	3.44
State of West Virginia Department of Commerce	67.087
Consolidation Coal Company	NA
CSX Transportation	45.25
Cindy Morris	6.75
Samuel E. & Cindy M. Morris	3.8307
Vicki L Gripper, et al.	4.463
Ricky L. & Holly B. Rinehart	1
Roger W. & Carol S. Higgins	0.33
Trustees Buffalo Methodist Church	2.91
Jack L. Higgins	64
State Soil Conservation Commission	59
Newton S. Beaty Families Trust	83
Robert E. & Florence J. Masters	106.5
Lance E. Jones	3.095
Arnold Efaw Robert L Wildman	8.75 43.3
City of Mannington	25.75
Brian Keith Cross	1
Brian Keith Cross	2.25
Tyler P. Thorne	14.93
Tyler P. Thorne	1.31
James E. & Meredith M. Dixon	45.36
Timothy D. & Virginia L. Dobreff	20
	T.
	I L



Elliott 17H 47-049-02506® © Elliott 16H 47-049-02560 Elliott 15H 47-049-02505® © Elliott 14H 47-049-02559 Elliott 13H 47-049-02503® © Elliott 10H 47-049-02557 Elliott 9H 47-049-02502® © Elliott 8H 47-049-02555 Elliott 5H 47-049-02502® © Elliott 6H 47-049-02555 Elliott 5H 47-049-02502® © Elliott 4H 47-049-02554 Elliott 3H 47-049-02500® © Elliott 2H 47-049-02553 Elliott 1H 47-049-02499®

Lease No.	Owner	Acres
134417000	Randy J. Elliott, et al.	183
268611001	EQT Production Company	47.25
223826001	Jacob G. Ford, et al.	51.5
171642001	XTO Energy Inc., et al.	493.948872
261722003	Country Roads Minerals, LLC, et al.	62.23
111591078	MCJV Holdings, LLC, et al.	118.45
110232003	AMP IV,LP, et al.	91.05
282022001	West Virginia Department of Transportation, Division of Highways	7.24
267799000	West Virginia Department of Natural Resources	25.2677
110525000	Country Roads Minerals, LLC, et al.	73.75
172703000	EQT Production Company	143
139584002	EQT Production Company, et al.	180
115100000	Black Gold Group LTD, et al.	134
269112003	Eric Daniels, et al.	95.02
270130001	Steven Gayle Justice	84.260 of 244.027
270130001	Steven Gayle Justice	43.300 of 244.027



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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MAR 10 2025

WV Department of Environmental Protection

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				

Page 1 of 4

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
	Randy J. Elliott, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>134417000</u>	Randy J. Elliott, a married man dealing in his sole and separate property	183 ac	EQT Production Company		DB 1213/441
	EQT Production Company			"at least 1/8th per WV Code 22-6-8"	
<u>268611001</u>	EQT Production Company	47.25 ac	EQT Production Company		DB 1365/691
	Jacob G. Ford, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>223826001</u>	Jacob G. Ford, a married man dealing in his sole and separate property	51.5 ac	EQT Production Company		DB 1310/762
	XTO Energy Inc., et al.			"at least 1/8th per WV Code 22-6-8"	
<u>171642001</u>	XTO Energy Inc.	493.948872 ac	EQT Production Company		DB 1283/783
	Country Roads Minerals, LLC, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>261722003</u>	Country Roads Minerals, LLC Antero Resources Corporation	62.23 ac	Antero Resources Corporation EQT Production Company		DB 1309/15 DB 1375/371
<u>111591078</u>	MCJV Holdings, LLC, et al. Dorothy E. Haught MAR 1 0 20 and 20	118. 4 5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1242/438
<u>110232003</u>	AMP IV, LP, et al. Everett William Glover alk/a Everett W. Glegger, Jr., and man dealing in his sole and separate property	91.05 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1230/772
282 0 22001	West Virginia Department of Transportation, Division of Highways West Virginia Department of Transportation, Division of Highways	7.2 4 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1379/113
<u> </u>	West Virginia Department of Natural Resources	1.24 au	Eq Tourselon company	"at least 1/8th per WV Code 22-6-8"	13/3/113
267799000	State of West Virginia, Department of Commerce, Division of Natural Resources	25.2677 ac	EQT Production Company		DB 1379/321

	Country Roads Minerals, LLC, et al.				"at least 1/8th per WV Code 22-6-8"	
<u>110525000</u>	Madison Investment Group, LLC		73.75 ac	EQT Production Company		DB 1234/11
					1-4 4 4 (O4b	
	EQT Production Company				"at least 1/8th per WV Code 22-6-8"	
172703000	Ascent Resources Marcellus Minerals, LLC		143 ac	EQT Production Company		DB 1204/61
	•					22 123 1131
	EQT Production Company, et al.				"at least 1/8th per WV Code 22-6-8"	
139584002	William C. Fleming		180 ac	T. M. Jackson & Co.		DB 45.5/12
	•		100 00			55 15.5712
	T. M. Jackson, I. C. White and C. L. Smith, known as T. M. Jack	kson & Co.		Martha B. Montgomery		DB 46/536
	Martha Montgomery, et al.			David Hannah		DB 46.5/584
	David Hannah			South Penn Oil Company		DB 51/521
	Martha Montgomery, et al.			South Penn Oil Company		DB 66/255
	Jackson Oil and Gas Company			South Penn Oil Company		DB 77/216
	South Penn Oil Company			South Penn Natural Gas Company		DB 353/201
	South Penn Natural Gas Company			South Penn Oil Company		DB 616/340
	South Penn Oil Company			Pennzoil Company		WVSOS
	Pennzoil Company			Pennzoil United, Inc.		DB 726/74
	Pennzoil United, Inc.			Pennzoil Company		WVSOS
	Pennzoil Company			Pennzoil Productions Company		AB 11/349
	Pennzoil Productions Company			Pennzoil Exploration and Production C		DB 949/854
	Pennzoil Exploration and Production Company			Pennzenergy Exploration and Producti		Name Change 52/517
	Pennzenergy Exploration and Production, LLC			Devon Energy Production Company, L	P	Name Change 53/317
	Devon Energy Production Company, LP			East Resources, Inc.		DB 965/371
	East Resources, Inc.			HG Energy, LLC		AB 40/825
	East Resources, Inc. Int. HG Energy, LLC P C	•		American Energy-Marcellus, LLC		AB 47/692
	American Energy-Marcellus, LLC Ascent Resources-Marcellus, LLC	Į.		Ascent Resources-Marcellus, LLC		Corp 67/847
	Ascent Resources-Marcellus, LLC	品		EQT Production Company		AB 52/99
	10	<u> </u>				02.00
	HG Energy, LLC American Energy-Marcellus, LLC Ascent Resources-Marcellus, LLC Black Gold Group LTD, et al. M. S. Snoderley MAR 10 2025	RECEIVED			"at least 1/8th per WV Code 22-6-8"	
<u>115100000</u>	M. S. Snoderley	3	134 ac	T. M. Jackson & Co.		DB 45.5/13
	T. M. Jackson, I. C. White and C. L. Smith, known as T. M. Jack	kson & Co.		Martha B. Montgomery		DB 46/536
	Thomas M. Jackson, et al.			Jackson Oil and Gas Company		DB 46.5/416
	Martha Montgomery, et al.			David Hannah		DB 46.5/584
	David Hannah			South Penn Oil Company		DB 51/521

	Martha Montgomery, et al.		South Penn Oil Company		DB 66/255
	M. S. Snoderley		South Penn Oil Company		DB 69/87
	Jackson Oil and Gas Company		South Penn Oil Company		DB 77/216
	South Penn Oil Company		South Penn Natural Gas Company		DB 353/201
	South Penn Natural Gas Company		South Penn Oil Company		DB 616/340
	South Penn Oil Company		Pennzoil Company		WVSOS
	Pennzoil Company		Pennzoil United, Inc.		DB 726/74
	Pennzoil United, Inc.		Pennzoil Company		WVSOS
	Pennzoil Company		Pennzoil Productions Company		AB 11/349
	Pennzoil Productions Company		Pennzoil Exploration and Production C	ompany	DB 949/854
	Pennzoil Exploration and Production Company		Pennzenergy Exploration and Product	ion, LLC	Name Change 52/517
	Pennzenergy Exploration and Production, LLC		Devon Energy Production Company, L	Р	Name Change 53/317
	Devon Energy Production Company, LP		East Resources, Inc.		DB 965/371
	East Resources, inc.		HG Energy, LLC		AB 40/825
	East Resources, Inc.				
	HG Energy, LLC		American Energy-Marcellus, LLC		AB 47/692
	American Energy-Marcellus, LLC		Ascent Resources-Marcellus, LLC		Corp 67/847
	Ascent Resources-Marcellus, LLC		EQT Production Company		AB 52/99
				"at least 1/8th per	
	Eric Daniels, et al.			WV Code 22-6-8"	
269112003	Eric Daniels	95.02 ac	EQT Production Company		DB 1370/125
				"at least 1/8th per	
	Steven Gayle Justice			WV Code 22-6-8"	
270130001	Steven Gayle Justice	84.260 ac of 244.027 ac	FOT Production Company		55 405045
270130001	Steven Gayle Justice	244.027 ac	EQT Production Company		DB 1370/245
				"at least 1/8th per	
	Steven Gayle Justice			WV Code 22-6-8"	
		43.300 ac of			
<u>270130001</u>	Steven Gayle Justice	244.027 ac	EQT Production Company		DB 1370/245

MAR 1 0 2025

WW Department of Environmental Protection



March 5, 2025

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

Re: Elliott 8H 6A1 Addendum

Dear Mr. Brewer,

This letter and supporting documentation serve as EQT Production Company's addendum to the WW-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 724-746-9073.

Sincerely,

Branden Weimer

Regional Manager - Permitting

Branden.Weimer@egt.com

412-997-7940

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Enc.

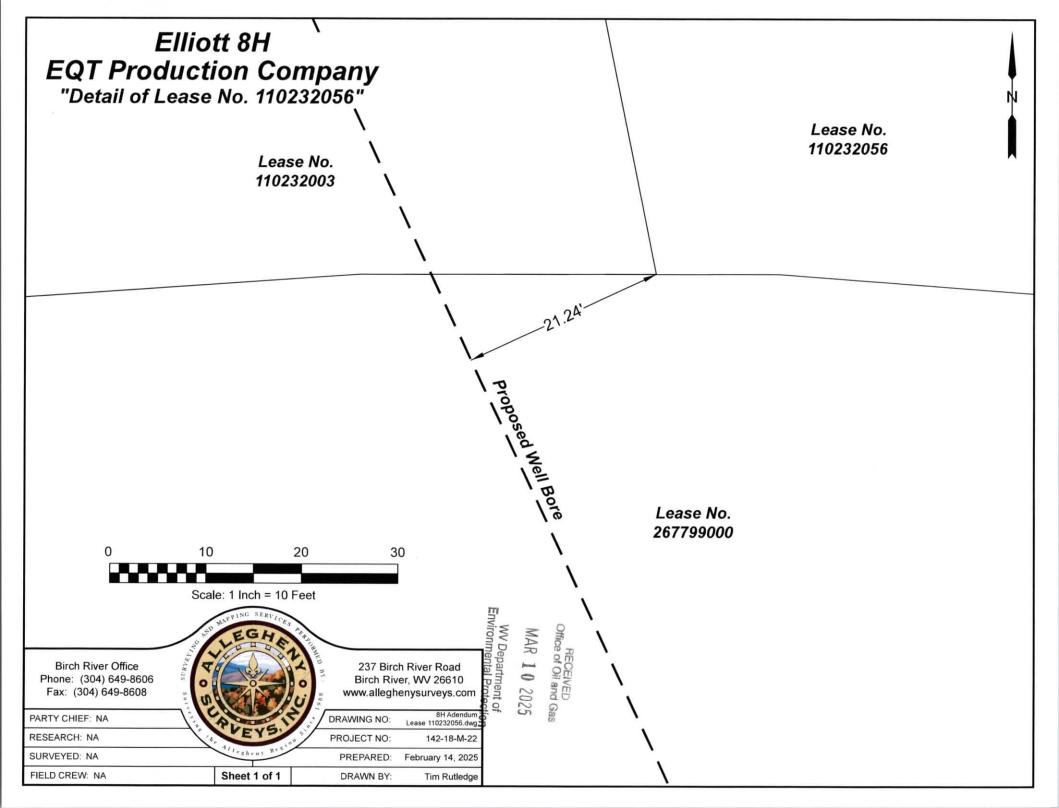
WW-6A1	attachm	ent
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Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
				"at least 1/8th per WV	ı
	Brian Keith Cross, et al.			Code 22-6-8"	
110232056	Brian Keith Cross	92.05 ac	EQT Production Company		DB 1271/888

WV Department of Environmental Protection

Office of Oil and Gas
MAR 10 2025

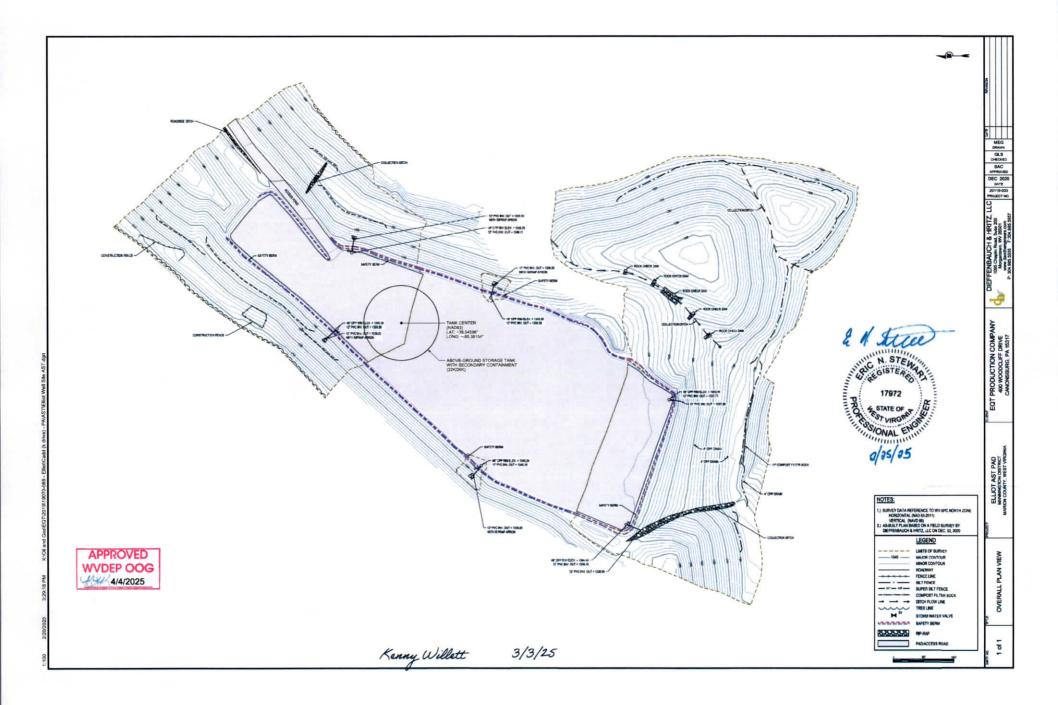


Elliott AST Notification 3/3/2025

5 67	U.S. Postal Service [™] CERTIFIED MAIL® RECEIPT Domestic Mail Only
H	For delivery information, visit our website at www.usps.com®.
m	OFFICIA LAIVER WALK
10	Certified Mail Fee
155	\$ #. £5 Extra Services & Fees (check box, add fee as appropriate)
	Return Receipt (hardcopy) \$ #.70
5270	Gertified Maii Restricted Delivery \$ MAR U Postmaric
ru	☐ Adult Signature Required \$ ☐ Adult Signature Restricted Delivery \$
	Postage
밁	19.72
07.70	Total Póstage and Fees WALL 1.77 USPS
	Sont To
89	MARJON COUNTY COAL RESOURCES INC
95	46226 NATIONAL ROAD
-	ST. ELAIRSVILLE OH 43950
	PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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MAR 10 2025





March 5, 2025

Via FedEx Overnight

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

Elliott 8H

Mannington District, Marion County, WV

WVDEP Recipient,

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

- Check in the amount \$2,500.00 for the permit modification fee
- Completed WW-6B and supporting documents, approved by the Inspector
- Revised Well Bore Diagram
- Well Location Plat
- Completed Form WW-6A1 and supporting documentation with addendum leasehold information
- Proof of notification to the surface owners to add the proposed above ground storage tank
- Hydraulic Fracturing Monitoring Plan
- Offset well map with table
- DVD containing the As-Built Site Plan showing the location of the proposed above ground storage tank & MSDS Sheets

EQT is proposing to extend the lateral from the previously permitted length and add an above ground storage tank to the site. Note that this well has been drilled vertically.

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

Best Regards,

Branden Weimer

Regional Manager – Permitting

Branden.Weimer@eqt.com

412-997-7940

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MAR 10 2025