

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 10H

47-049-02557-00-00

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 10H

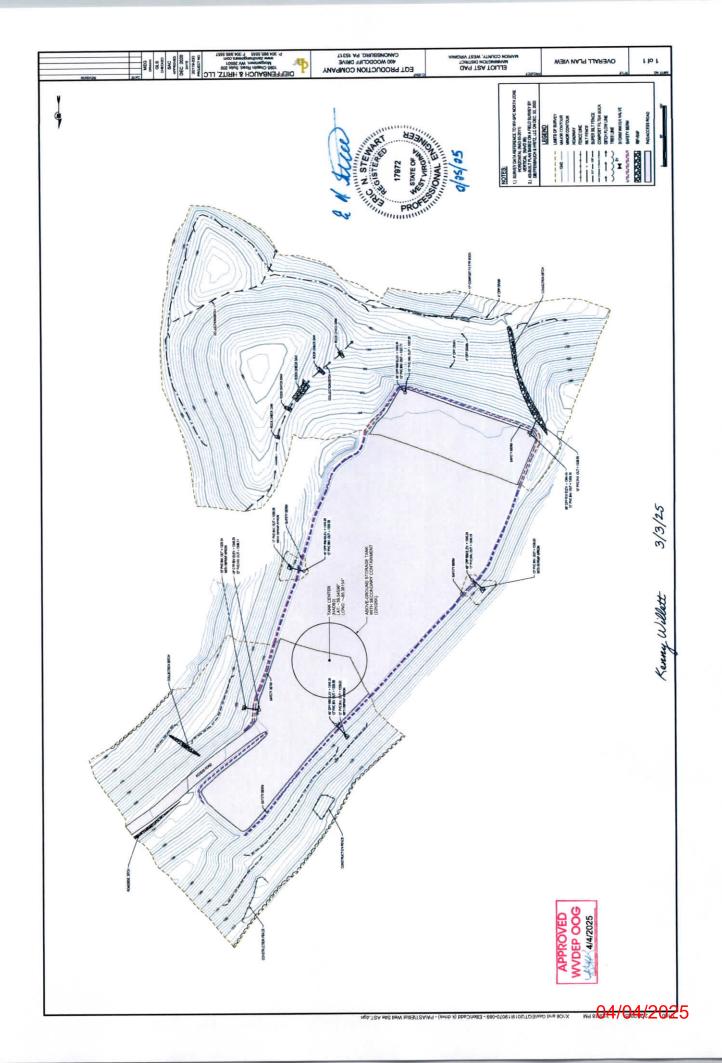
Farm Name: MARION COUNTY COAL RESOURCES INC.

U.S. WELL NUMBER: 47-049-02557-00-00

Horizontal 6A New Drill

Date Modification Issued: 4/4/2025

Promoting a healthy environment.



API NO. 47- 049	_ 02557
OPERATOR W	ELL NO. 10H
Well Pad Nan	ne: Elliott

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

1) Well Operate	or: EQT Produc	ction Company	306686	Marion	Manningt	Glover Gap
			Operator ID	County	District	Quadrangle
2) Operator's V	Vell Number: 101	4	Well Pad	Name: Elliott		
3) Farm Name/	Surface Owner:	Marion County Coal Resour	ces Inc. Public Road	d Access: CR	5	
4) Elevation, cu	urrent ground:	1,342' (pad built) Ele	evation, proposed p	ost-construction	n: 1,342'	
5) Well Type	(a) Gas X	Oil	Unde	rground Storag	е	
	Other					
	(b)If Gas Shal	-	Deep			
		izontal X				
6) Existing Pad			Leni I	15 15	()	
	rget Formation(s) 796', 78', 2593 psi	20 180 12 2010	pated Thickness a	nd Expected Pr	essure(s):	
8) Proposed To	tal Vertical Depth	7,796'				
9) Formation at	t Total Vertical D	epth: Marcellus	1			
10) Proposed T	otal Measured De	epth: 28,009'				
11) Proposed H	Iorizontal Leg Lei	ngth: 19,812'				
12) Approxima	ite Fresh Water St	rata Depths:	202', 287', 338'			
13) Method to	Determine Fresh	Water Depths: C	Offset Wells - 47-0)49-01477, 47-	-049-0249	8, 47-049-01478
14) Approxima	te Saltwater Dept	hs: 1,797', 1,909	9', 1,945', 2,412'			
15) Approxima	ite Coal Seam Dep	oths: 870'-875',	969'-977'			
16) Approxima	te Depth to Possi	ble Void (coal mi	ne, karst, other):	N/A		
	osed well location ing or adjacent to		ns Yes	No	X	
(-) ICV		N				
(a) If Yes, pro	ovide Mine Info:	Name:				
K#00006	08 668	Depth: Seam:			Offic	RECEIVED ce of Oil and Gas
\$ 2500		Owner:				AR 10 2025
2/7	2025				WV	Department of nmental Protection

WW-6B	
(04/15)	

AΡΙ	NO.	47-	049	-	02557

OPERATOR WELL NO. 10H

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	1039	1039	1033 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2509	2509	1016 ft^3 / CTS
Production	5 1/2	New	P-110	20	28009	28009	500' above intermediate casing
Tubing							
Liners							

TYPE	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	1.18
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:		 RECEIVED Office of Oil and Gas
Depths Set:		MAR 10 2025

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WW-6B	
(10/14)	

OPERATOR WELL NO. 10H
Well Pad Name: Elliott

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): 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.

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

Conductor: Class A no additives

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

Intermediate: Calcium Chloride. Used to speed the setting of cement slurries. If applicable: Gas Migration Control Additive, Cement Retarder

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:

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Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings Within eat of 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 Production Wellbore Diagram County: Marion Well: Elliot 10H Pad: State: West Virginia **Elliot** Elevation: 1342' GL 1355' KB Conductor @ 53' 26", 85.6#, A252, cement to surface w/ Class A Surface 1,039' @ 13-3/8", 54.5#, J-55, cement to surface w/ Class L Intermediate 2,5091 @ 9-5/8", 36#, J-55, cement to surface w/ Class L RECEIVED
Office of Oil and Gas MAR 10 2025 WV Department of Environmental Protection **Production** 28,009' MD / 7,796' TVD @ 5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L Formation: Marcellus Kenny Willett 3/3/25 04/04/2025 ALE

WEST VIRGINIA GEOLOGICAL PROGNOSIS

Elliott Elliot South S-000536

Drilling Objectives: County:

Marcellus

Marion

1355 KB 157 Degrees 1342

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 approximately 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%

Formation	Top (TVD)	Base (TVD)	Lithology	Comments
resh Water Zone	1	338		FW @ 202,287,338,
Sewickley Coal	870	875 Cd	oal	Solid Coal/Not Mined
Pittsburgh Coal	969	977 Cd	oal	Solid Coal
Big Lime	2402	2476 Li	mestone	SW @ 1797,1909,1945,2412
Big Injun	2476	2577 Sa	indstone	
Int esg pt	2485			Casing point depth determined from Elliott North wells
Gantz	3066	3192 Sa	andstone	Gas shows @ 2412,2932,3026,3085,3164,3360,4755, ,
50F	3120	3174 Si	lty Sand	
Fifth Sand	3301	3353 Si	lty Sand	
Bayard	3398	3433 Si	Ity Sand	Base of Offset Well Perforations at 4755' TVD
Alexander	5810	5859 Si	lty Sand	
Elks	6193	7216 Gr	ray Shales and Silts	
Sonyea	7216	7413 Gr	ray shale	
Middlesex	7413	7480 SH	nale	
Genesee	7480	7582 Gr	ray shale interbedded	
Geneseo	7582	7620 BI	lack Shale	
Tully	7620	7656 Li	mestone	
Hamilton	7656	7757 Gr	ray shale with some	
Marcellus	7757	7835 BI	lack Shale	
Purcell	7800	7802 Li	imestone	
-Lateral Zone	7796			Start Lateral at 7796'
Cherry Valley	7815	7817 Li	imestone	
Onondaga	7835	Li	imestone	

Target Thickness 78 feet 2593 PSI Max Anticipated Rock Pressure

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

LATERAL DRILLING TOLERANCES

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

RECOMMENDED CASI	NG POINTS			Planned Depth KB	Planned Depth GL	
Conductor:	CSG OD	26"	CSG DEPTH:	40	40	FW NEEDS UPDATED WITH EQT SAMPLING PRIOR TO DRILLING
Fresh Water/Coal	CSG OD	13 3/8"	CSG DEPTH:	1027	1014	50 ft below mineable coal
Intermediate 1:	CSG OD	9 5/8"	CSG DEPTH:	2485	2472	Based on casing set depth on Elliott North wells
Production:	CSG OD	5 1/2"	CSG DEPTH:	@ TD	@ TD	DECEME

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Top RR Base RR No red rock reported on offsets

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EQT Production

Hydraulic Fracturing Monitoring Plan

Pad ID: Elliott

County: Marion

March 5, 2025

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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 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:

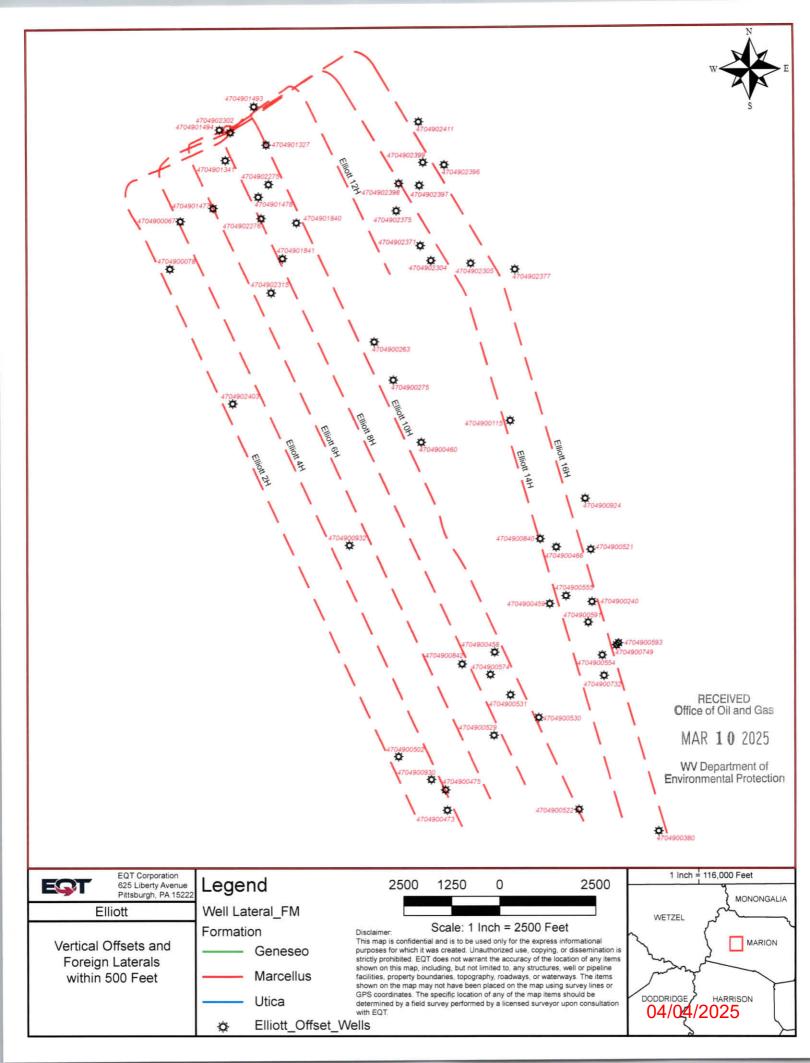
- 1. Inspect their surface equipment prior to fracturing to establish integrity and establish prefrac well conditions
- 2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
- 3. Inspect or install master valves or other necessary equipment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

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2. Reporting

WV Department of

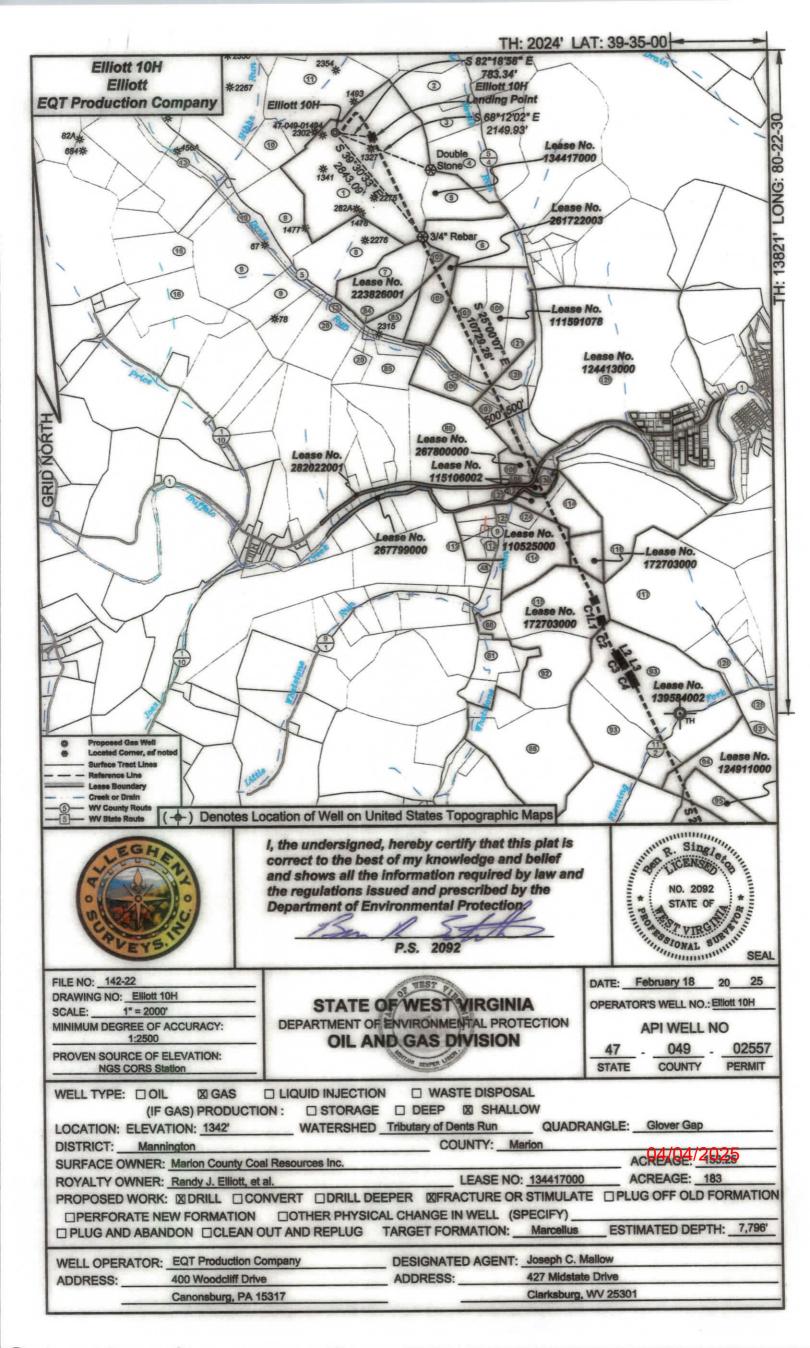
EQT will provide information relating to the hydraulic fracturing schedule, communication with with an ental Protection operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

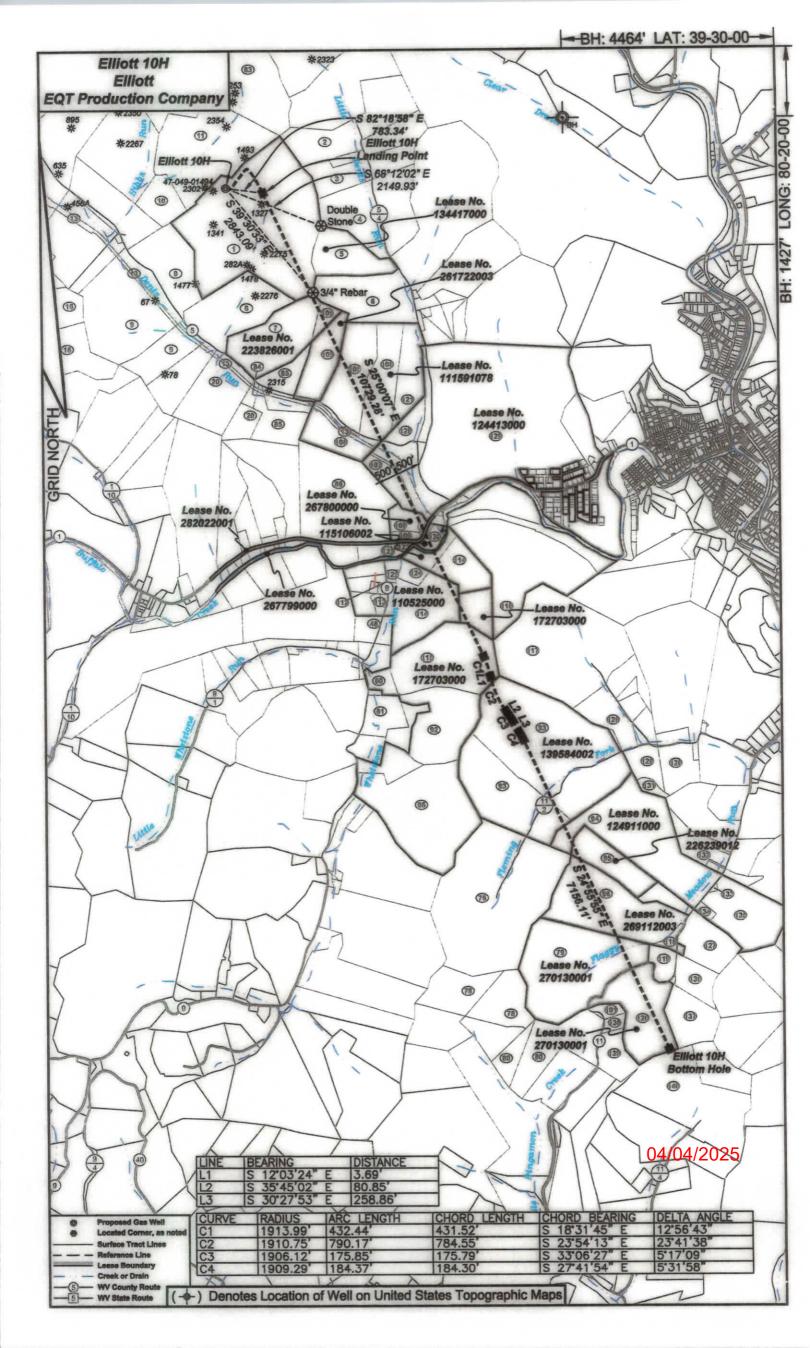


				LATITUDE LONGI	TUDE OPER NAME	PROJ TD SPUD DATE ELEVA	TION TOT DEPTH
UWI ABAND_DATE CURR_OPER		FIELD_NAME	FNL_CLASS	39.54707900	-80.37989800 Consol	0.00000000 5/7/2004	1340.00 3420.00
014930000 9/16/2013 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.54542400	-80.38304800 Falcon Holdings	0.00000000 4/28/2004	1311.00 3350.00
014940000 NA Elliott and Stafford	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.54520800	-80.38205000 Trans Energy	0.00000000 7/31/2001	1280.00 7200.00
023020000 Cancelled	GR	Glover Gap	N/A	39.54605100	-80.36467200 DAC	0.00000000 N/A	1075.00 N/A
024110000 1/27/2017 Consolidation Coal Company	GR	Glover Gap	N/A DEVELOPMENT WELL-GAS	39.54433400	-80.37872300 RJAL Inc.	0.00000000 10/19/2001	1461.00 5010.00
013270000 10/23/2013 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.63339800	-80.53075000 RIAL Inc.	0.00000000 10/5/2001	1090.00 3360.00
013410000 NA Elliott and Stafford	GR	Glover Gap	N/A	39.54314700	-80.36423300 N/A	0.00000000 N/A	1293.00 N/A
023990000 5/12/2015 Consolidation Coal Company	GR	Glover Gap	N/A	39.54298300	-80.36228000 N/A	0.00000000 N/A	1170.00 3340.00
023960000 4/27/2015 Consolidation Coal Company	GR	Glover Gap Glover Gap	N/A	39.54163700	-80.36647000 N/A	0.00000000 N/A	1113.00 N/A
023980000 5/14/2015 Consolidation Coal Company	GR		N/A	39.54151200	-80.37849300 N/A	0.00000000 N/A	1148.00 N/A
022750000 2/5/2014 Consolidation Coal Company	GR	Glover Gap	N/A	39.54150900	-80.36456200 N/A	0.00000000 N/A	1193.00 N/A
02397000 5/14/2015 Consolidation Coal Company	GR GR	Mannington Glover Gap	DEVELOPMENT WELL	39.54061600	-80,37944300 Falcon Holdings	0.00000000 2/28/2004	1097.00 3190.00
014780000 2/27/2014 Elliott and Stafford	GR	Glover Gap	DEVELOPMENT WELL	39,53979200	-80,38359300 Falcon Holdings	0.00000000 3/25/2004	1177.00 3361.00
014770000 2/6/2014 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL	39,53884300	-80.38662700 Elliott Samuel	0.00000000 1/14/1937	990.00 2812.00
000670000 6/6/2014 Consolidation Coal Company	GR	Glover Gap	N/A	39.53908300	-80.37916600 N/A	0.00000000 N/A	1178.00 N/A
022760000 2/12/2014 Consolidation Coal Company	GR		DEVELOPMENT WELL-GAS	39.53885000	-80.37593100 Linn Operating	0.00000000 N/A N/A	N/A
018400000 Cancelled	GR	Glover Gap Mannington	N/A	39.53969200	-80.36668500 Consolidation Coal Company	0.00000000 8/5/2003	1054.00 N/A
023750000 7/19/2017 Consolidation Coal Company	GR	Mannington	N/A	39.53721100	-80.36443900 Consolidation Coal Company	0.00000000 N/A	1299.00 N/A
23710000 6/27/2017 Consolidation Coal Company	GR	Glover Gap	Unclassified	39.53624000	-80,37705500 Linn Operating	0.00000000 unknown	1300.00 3275.00
018410000(unknown Consolidation Coal Company	GR	Glover Gap	Unclassified	39.53541500	-80.38756500 Samuel Elliott	0.00000000 10/1/1938	1197.00 3394.00
000780000 6/11/2015 Consolidation Coal Company	GR	Glover Gap	N/A	39.53376200	-80.37818900 Consolidation Coal Company	0.00000000 N/A	988.00 N/A
023150000 6/4/2015 Consolidation Coal Company	GR	Mannington	N/A	39.53614200	-80.36344800 Consolidation Coal Company	0.00000000 N/A	1265.00 N/A
023040000 6/3/2014 Consolidation Coal Company	GR	Mannington	N/A	39.53596900	-80.35977200 Consolidation Coal Company	0.00000000 N/A	1176.00 N/A
023050000 5/22/2014 Consolidation Coal Company	GR	Mannington	N/A	39.53555900	-80.35569100 Consolidation Coal Company	0.00000000 N/A	1405.00 N/A
023770000 5/30/2017 Consolidation Coal Company 00263000 NA East Resources	GR	Mannington	Unsuccessful	39.53032100	-80.36864600 Wolfs Head Oil	0.00000000 6/18/2007	977,00 2930.00
	GR	Mannington	Unsuccessful	39.52760900	-80.36686300 Wolfs Head Oil	0.00000000 11/1/1964	972.00 2810.00
	GR	Unknown	DEVELOPMENT WELL-GAS	Unknown Unknown	own Consolidation Coal Company	0.00000000 unknown unkno	
024030000 NA West Virginia Land Resources 004600000 7/8/2011 East Resources	GR	Mannington	DEVELOPMENT WELL-GAS	39.52318900	-80.36422200 Pennzoil	0.00000000 6/25/1925	1195.00 3133.00
001150000X NA Eastern Gas	GR	Mannington	DEVELOPMENT WELL-OIL	39.52483300	-80.35597100 Hope	0.00000000 3/1/1944	1084.00 2715.00
00115000X NA Eastern Gas 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 unkn	
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	GR	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	GR	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	0.0000000 N/A	1117.00 N/A
005310000 NA DIVERSIFIED	GR	Mannington	Unclassified	39.50520800	-80.35579100 Pennzoil	0.00000000 12/17/1896	1332.00 2201.00
005300000 NA DIVERSIFIED	GR	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	GR	Mannington	DEVELOPMENT WELL-GAS	39.50067700	-80.36611300 Pennzoil	0.00000000 1/1/1917	1518.00 2412.00
009300000 NA DIVERSIFIED	GR	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 Pennzaił	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

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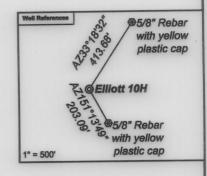




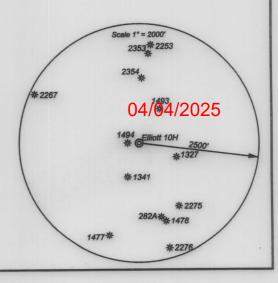
Elliott 10H Elliott EQT Production Company

-41	Produ		
ract I.D.	Tax Map No.		
1	34	40	Marion Mannington
2	3/1	19	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
20	34	31	Marion Mannington
48	65	49	Marion Mannington
60	67	5.1	Marion Mannington
61	67	6	Marion Mannington
66	67	9	Marion Mannington
76	68	4	Marion Mannington
78	66	11.1	Marion Mannington
79	68	5	Marion Mannington
80	66	12	Marion Mannington
83	34	37	Marion Mannington
84	34	30	Marion Mannington
85	34	42	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	34	18	Marion Mannington
109	34	19	Marion Mannington
112	65	5	Marion Mannington
113	65	3	Marion Mannington
114	67	3	Marion Mannington
115	67	4	Marion Mannington
116	6/	1	Marion Mannington
117	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
125	67	2.1	Marion Mannington
126	68	22	Marion Mannington
127	69	56	Marion Mannington
128	33	10	Marion Mannington
129	33	9	Marion Mannington
130	34	22	Marion Manningtor
131	68	10	Marion Manningtor
132	68	11.1	Marion Manningtor
133	69	54	Marion Mannington
134	69	55.1	Marion Manningtor
135	69	55	Marion Mannington
136	69	57	Marion Mannington
137	69	58	Marion Mannington
138	66	27	Marion Mannington
139	26	3	Marion Lincoln

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	42.5
Marion County Coal Resources Inc.	47
Marion County Coal Resources Inc.	42.75
Marion County Coal Resources Inc.	134
Marion County Coal Resources Inc.	17 133.37
Marion County Coal Resources Inc.	12.62
CSX Transportation Consolidation Coal Company	NA
Nelson W. & Carmen G. Hays	19.35
State Soil Conservation Commission	8.37
State Soil Conservation Commission	18.5
State Soil Conservation Commission	94.8
Robert E. & Florence J. Masters	139
Michael L. & Billie J. Shearer	47.68
DTM Appalachia Gathering LLC	84.26
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
State Soil Conservation Commission	54.54
Doris J. Brown	120.25 87.704
Freeland W. & Crystal A. Miller	24.87
Freeland W. & Crystal A. Miller DTM Appalachia Gathering LLC	NA
Billie J. Creak	3.44
ate 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
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	8.75 43.3
Robert L. Wildman 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 L. & Meredith M. Dixon	45.36
Timothy D. & Virginia L. Dobreff	20
City of Mannington	39.7
Newton S. Beaty Families Trust	220.003
Lawrence Q. & Shirley A. Leeson	4.///
Freeland W. & Crystal A. Miller	3.2
Albert N. & Karen W. Lynch	13.25
Harold E. Deavers	0.76
Jody & Holly Masters	2.12
Jason N. & Brigitte A. Lynch	41.38
Thomas & Charlotte Starsick	13.56
Thomas & Charlotte Starsick	25.81 3.27
Michael L & Billie J. Shearer Larry L & Jeannette Smith	38.15
Janet M. Tennant & Connie Vangilder	88.84
Junet W. Terminit & Comme Vanginger	50.07
	I I



Lease No.	Owner		Acres
134417000	Randy J. Elliott, et al.		183
223826001	Jacob G. Ford, et al.		51.5
261722003	Country Roads Minerals, LLC, et al.		62.23
	MCJV Holdings, LLC, et al.		118.45
	Newton S. Beaty Families Trust		427.153
	Master Mineral Holdings I, LP		17
282022001	West Virginia Department of Transportation, Division	of Highways	7.24
	EQT Production Company, et al.		32
	West Virginia Department of Natural Resources		25.2677
110525000			73.75
	EQT Production Company		14.5
	EQT Production Company		143
	EQT Production Company, et al.		180
	Deborah A. Ellis, et al.	•	120
	Joanna Griffin, et al.		25
	Eric Daniels, et al.		95.02
	Steven Gayle Justice		84.260 of 244.027
	Steven Gayle Justice		43.300 of 244.027



Operator's Well No.	Elliott 10H
- F	

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

Page 1 of <u>5</u>

ease 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"	
							111 0000 22-0-0	
<u>134417000</u>	Randy J. Elliott, a married man dealing	in his so	le and	separate property	183 ac	EQT Production Company		DB 1213/441
							"at least 1/8th per	
	Jacob G. Ford, et al.						WV Code 22-6-8*	
								
<u>223826001</u>	Jacob G. Ford, a married man dealing	in his sol	e and s	separate property	51.5 ac	EQT Production Company		DB 1310/762
							*at least 1/8th per	
	Country Roads Minerals, LLC, et al.						WV Code 22-6-8"	
261722003	Country Roads Minerals, LLC				62.23 ac	Antero Resources Corporation		DB 1309/15
	Antero Resources Corporation					EQT Production Company	"at lanat 1/0th ann	DB 1375/371
	MCJV Holdings, LLC, et al.						"at least 1/8th per WV Code 22-6-8"	
111591078	Dorothy E. Haught				118.45 ac	EQT Production Company		DB 1242/438
	a orotry are modern				. 10, 10 40			
	M 4 8 8 4 Football 5						*at least 1/8th per	
	Newton S. Beaty Families Trust	. Engl for	tha Na	outon C Boots		Trans Energy, Inc.	WV Code 22-6-8"	
124413000	Philip A. Prichard, acting as Attorney in heirs	i Fact iof	THE ING	ewion o. Dealy	427,153 ac	Republic Energy Ventures, LLC		DB 1106/11
187710000	Trans Energy, Inc.				.200 00	American Shale Development, Inc.		AB 47/364
						American Shale Development, Inc.		
	Philip A. Prichard, Attorney in Fact for I	Newton S	S. Beat	y heirs	449.903 ac	Republic Energy Ventures, LLC		DB 1116/229
	Republic Energy Ventures, LLC Republic Energy Ventures, LLC					Republic Partners VIII, LLC		AB 47/387
	Republic Partners VIII, LLC, et al.	ш				EQT Production Company		AB 51/525
	Trans Energy, Inc.	nvir. V	≤	⊊		, , , ,		
	American Shale Development, Inc.	Y De	MAR	RECEIVED Office of Oil and (EQT Production Company		DB 1228/1
		əpan enta	-	of OF			"at least 1/8th per	
	Master Mineral Holdings I, LP	tmer I Pro	0 2	IVEE			WV Code 22-6-8*	
267800000	Master Mineral Holdings I, LP	WV Department of Environmental Protection	2025	d Gas	17 ac	EQT Production Company		DB 1365/861
		S	_,	Ø			*at land 1/0th	
	West Virginia Department of Transp	ortation	Divisi	on of Highways			"at least 1/8th per WV Code 22-6-8"	
	AAGST AUDIUM DEBAIRMENT OF FLAURD	ortation,	וופועועו	VII VI MIGHWAYS			77 V COUG 22-0-0	

<u>282022001</u>	West Virginia Department of Transportation, Division of Highways	7.24 ac	EQT Production Company		DB 1379/113
<u>115106002</u>	EQT Production Company, et al. EQT Production Company	32 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1365/787
<u>267799000</u>	West Virginia Department of Natural Resources State of West Virginia, Department of Commerce, Division of Natural Resources	25.2677 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8*	DB 1379/321
<u>110525000</u>	Country Roads Minerals, LLC, et al. Madison Investment Group, LLC	73.75 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1234/11
<u>172703000</u>	EQT Production Company Ascent Resources Marcellus Minerals, LLC	14.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1204/61
<u>172703000</u>	EQT Production Company Ascent Resources Marcellus Minerals, LLC	143 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1204/61
<u>139584002</u>	EQT Production Company, et al. William C. Fleming T. M. Jackson, I. C. White and C. L. Smith, known as T. M. Jackson &	180 ac	T. M. Jackson & Co.	"at least 1/8th per WV Code 22-6-8"	DB 45.5/12
	Co.		Martha B. Montgomery		DB 46/536
	Martha Montgomery, et al. David Hannah		David Hannah South Penn Oil Company		DB 46.5/584
	Martha Montgomery, et al.		South Penn Oil Company South Penn Oil Company		DB 51/521 DB 66/255
	Jackson Oil and Gas Company		South Penn Oil Company		DB 77/216
			South Penn Natural Gas Company		DB 353/201
	South Penn Natural Gas Company		South Penn Oil Company		DB 616/340
	South Penn Oil Company South Penn Natural Gas Company South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Productions Company		Pennzoil Company		WVSOS
	Pennzoil Company entair 0 in a service of the servi		Pennzoil United, Inc. Pennzoil Company		DB 726/74
	Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Company		Pennzoil Company Pennzoil Productions Company		WVSOS AB 11/349
	Pennzoil Company Pennzoil Productions Company Pennzoil Productions Company		Pennzoil Exploration and Production Company		DB 949/854
	Pennzoil Exploration and Production Company		Pennzenergy Exploration and Production, LLC		Name Change 52/517

	Pennzenergy Exploration and Production, LLC Devon Energy Production Company, LP East Resources, Inc. East Resources, Inc.		Devon Energy Production Company, LP East Resources, Inc. HG Energy, LLC		Name Change 53/317 DB 965/371 AB 40/825
	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
	, additi (addition that botton		,		
	Deborah A. Ellis, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>124911000</u>	C. B. Morgan and G. R. Morgan T. M. Jackson, I. C. White and C. L. Smith, known as T. M. Jackson &	120 ac	T. M. Jackson & Co.		DB 45.5/260
	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
	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 Company		DB 949/854
	Pennzoil Exploration and Production Company		Pennzenergy Exploration and Production, LLC		Name Change 52/517
	Pennzenergy Exploration and Production, LLC		Devon Energy Production Company, LP		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.				AD 47/000
	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
<u>226239012</u>	HG Energy, LLC American Energy-Marcellus, LLC Ascent Resources-Marcellus, LLC Joanna Griffin, et al. Joanna H. Griffin, a/k/a Joanne Griffin, a agriculture working working a	25 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1318/148
	on s				

	Eric Daniels, et al.		"at least 1/8th per WV Code 22-6-8"
<u>269112003</u>	Eric Daniels	95.02 ac EQT Production Company	DB 1370/125
	Steven Gayle Justice	84.260 ac of	"at least 1/8th per WV Code 22-6-8"
<u>270130001</u>	Steven Gayle Justice	244.027 ac EQT Production Company	DB 1370/245
	Steven Gayle Justice	43.300 ac of	"at least 1/8th per WV Code 22-6-8"
<u>270130001</u>	Steven Gayle Justice	244.027 ac EQT Production Company	DB 1370/245

MAR 10 2025

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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	OFFIGIA RIVER WILL
5	Certified Mail Fee § #.85
155	Extra Services & Fees (check box, add fee as appropriate) Phetum Receipt (hardcopy) \$
5270	Return Receipt (electronic) \$ MAR U Postmarie Certifled Mail Restricted Delivery \$ MAR U
2	Adult Signature Required \$
	Adult Signature Restricted Delivery \$ Postage
7	Total Postage and Fees
0770	s WAW 1.77
0	Sent TO MARION COUNTY COAL RESOURCES INC
58	Street and Apt. No., or PO Box Nd. 46226 NATIONAL ROAD
П	City, State, 219-48 5T. ELAIRSVILLE OH 43950
	PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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WV Department of Environmental Protection



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 10H

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
- 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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