

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 14H

47-049-02559-00-00

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

Operator's Well Number: ELLIOTT 14H

Farm Name: MARION COUNTY COAL RESOURCES INC.

U.S. WELL NUMBER: 47-049-02559-00-00

Horizontal 6A New Drill

Date Modification Issued: 4/4/2025

Promoting a healthy environment.

API NO. 47-049	_ 02559
OPERATOR W	VELL NO. 14H
Well Pad Nar	me: Elliott

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

1) Well Operat	or: EQTP	roduction C	ompany	306686	Marion	Manningt	Glover Gap
				Operator ID	County	District	Quadrangle
2) Operator's V	Vell Number	:: <u>14H</u>		Well Pad	Name: Elliott		
3) Farm Name/	Surface Ow	ner: Marion Cour	nty Coal Resou	Public Road	d Access: CR	5	
4) Elevation, cu	arrent groun	d: 1,342' (pa	d built) Ele	evation, proposed p	oost-construction	on: 1,342'	
5) Well Type	(a) Gas	X	_ Oil	Unde	rground Storag	е	
	Other						
	(b)If Gas	Shallow	X	Deep			
	V 12002 1905F	Horizontal	X				
6) Existing Pad							
7) Proposed Ta Marcellus, 7,			(s), Antici	ipated Thickness ar	nd Expected Pro	essure(s):	
8) Proposed To	tal Vertical	Depth: 7,79	06'				
9) Formation at	Total Verti	cal Depth:	Marcellus	-			
10) Proposed T	otal Measur	ed Depth: 2	29,513'				
11) Proposed H	lorizontal Le	eg Length: 2	20,525'				
12) Approxima	te Fresh Wa	ter Strata Dej	pths:	202', 287', 338'			
13) Method to Determine Fresh Water Depths: Offset Wells - 47-049-01477, 47-049-02498, 47-049-01478							
14) Approxima	te Saltwater	Depths: 1,7	797', 1,909	9', 1,945', 2,412'			
15) Approxima	te Coal Sear	n Depths: 8	70'-875',	969'-977'			
16) Approxima	te Depth to 1	Possible Void	d (coal mi	ne, karst, other): 1	N/A		
17) Does Propo directly overlyi				ns Yes	No	X	
(a) If Yes, pro	ovide Mine I	nfo: Name:				RECEIV Office of Oil a	/ED
(K#0000)	668670	Depth	:			1/10	
(K#000)	00 a	Seam:	-				2025
76	17/2025	Owner	::		E	WV Departm nvironmental P	ent of rotection

WW-6B
(04/15)

API NO. 47049	02559
OPERATOR WELL	. NO. <u>14H</u>
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	2499	2499	993 ft^3 / CTS
Production	5 1/2	New	P-110	20	29513	29513	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	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:	RECEIVED Office of Oil and Gas
Sizes:	MAR 10 2025
Depths Set:	WV Department of Environmental Protection

WW-6B	
(10/14)	

API NO. 47- 049 - 02559
OPERATOR WELL NO. 14H
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:

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Conductor: Class A no additives

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

MAR 10 2025

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

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 3/06/25

Wellbore Diagram **EQT Production** County: Well: Elliot 14H Marion West Virginia Pad: **Elliot** State: Elevation: 1342' GL 1355' KB Conductor @ 53' 26", 85.6#, A252, cement to surface w/ Class A Surface 1,040' 13-3/8", 54.5#, J-55, cement to surface w/ Class L Intermediate 2,499' 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 29,513' MD / 7,796' TVD Production 5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L Formation: Marcellus NOT TO SCALE

WEST VIRGINIA GEOLOGICAL PROGNOSIS

Elliott Elliot South S-000536

Drilling Objectives:

Marcellus

County: Marion

Elevation: 1355 KB Recommended Azimuth

157 Degrees

1342

GL

Coal requirements:

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%

ESTIMATED FORMATION T	OPS Derived From:	Carnegie 5H 470490	2522, Beaty 2H 4704902251		
Formation	Top (TVD)	Base (TVD)	Lithology	Comments	\neg
Fresh Water Zone	1	338		FW @ 202,287,338,	
Sewickley Coal	870	875 C	oal	Solid Coal/Not Mined	T
Pittsburgh Coal	969	977 C	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	- 1
Gantz	3066	3192 Sa	indstone	Gas shows @ 2412,2932,3026,3085,3164,3360,4755	- 1
50F	3120	3174 Si	Ity Sand		- 1
Fifth Sand	3301	3353 Si	lty Sand		- 1
Bayard	3398	3433 Si	lty Sand	Base of Offset Well Perforations at 4755' TVD	
Alexander	5810	5859 Si	Ity Sand		
Elks	6193	7216 Gr	ray Shales and Silts		
Sonyea	7216	7413 Gr	ray shale		
Middlesex	7413	7480 Sh	ale		
Genesee	7480	7582 Gr	ay shale interbedded		
Geneseo	7582	7620 BI	ack Shale		
Tully	7620	7656 Li	mestone		
Hamilton	7656	7757 Gr	ay shale with some		
Marcellus	7757	7835 BI	ack Shale		
Purcell	7800	7802 Li	mestone		
-Lateral Zone	7796			Start Lateral at 7796'	
Cherry Valley	7815	7817 Li	mestone		
Onondaga	7835	Li	mestone		

Top RR Base RR No red rock reported on offsets

Target Thickness 78 feet 2593 PSI Max Anticipated Rock Pressure

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

RECOMMENDED	CASING	POINTS
0 1 .		000

				r minica Depth RD	I lamined Depth OL	
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 RECEIVED
Production:	CSG OD	5 1/2"	CSG DEPTH:	@ TD	@ TD	Office of Oil and Gas

Planned Denth KB Planned Denth GI

MAR 10 2025

WV Department of Environmental Protection

Kenny Willett

EQT Production

Hydraulic Fracturing Monitoring Plan

Pad ID: Elliott

County: Marion

March 5, 2025

RECEIVED Office of Oil and Gas

MAR 10 2025

WV Department of Environmental Protection

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:

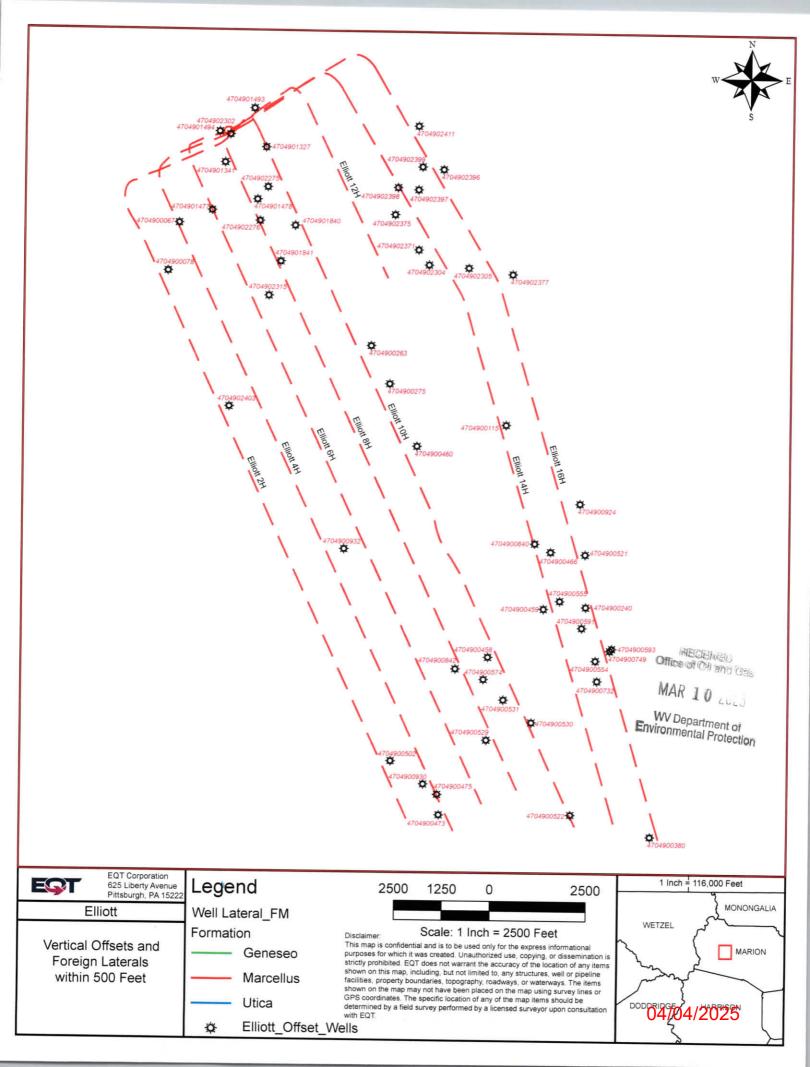
- Inspect their surface equipment prior to fracturing to establish integrity and establish prefrac well conditions
- Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
- 3. Inspect or install master valves or other necessary equipment for wellhead integrity capable of a pressure recommended by EQT

 Office of Oil and Gas
- 4. Notify the OOG and EQT if any changes in water, gas production, pressure, or other anomalies are identified MAR 1 0 2025

2. Reporting

WV Department of Environmental Protection

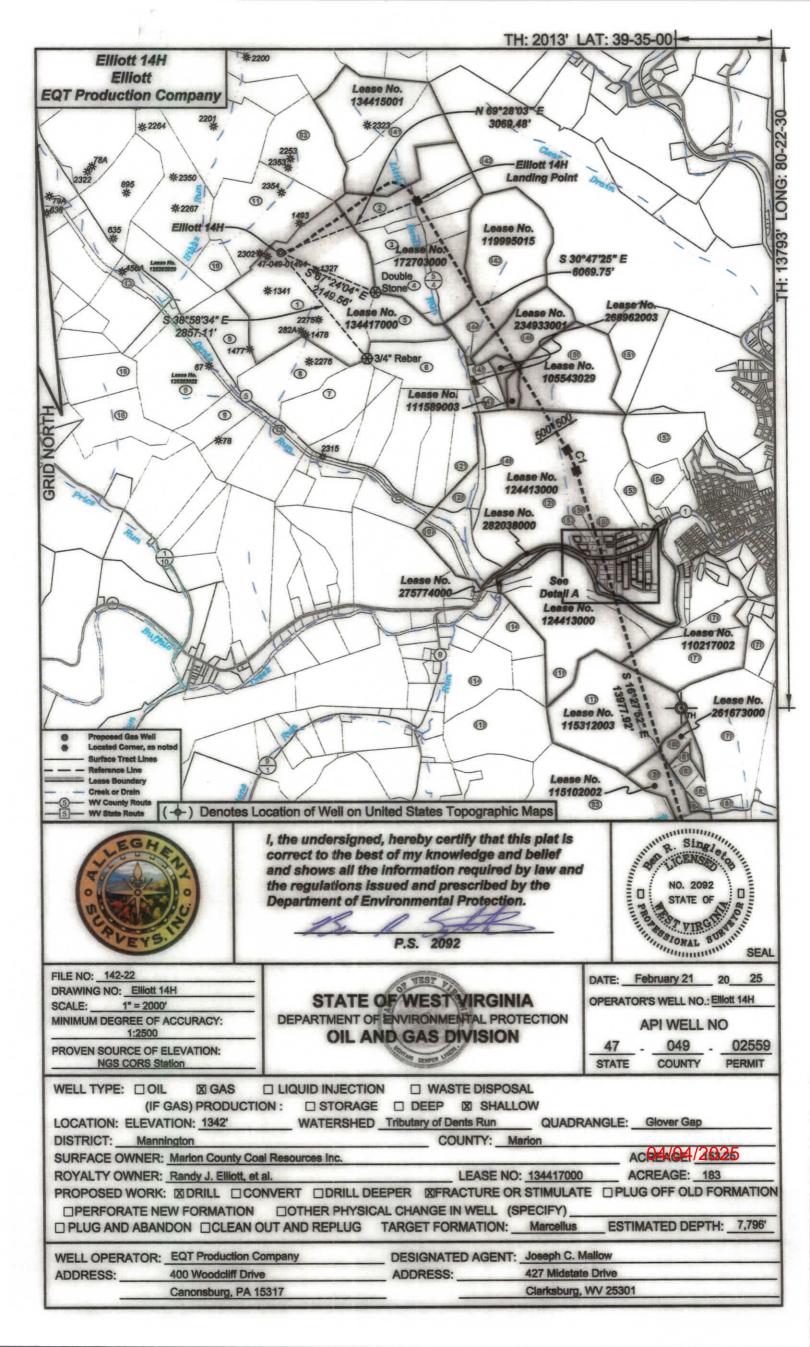
EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

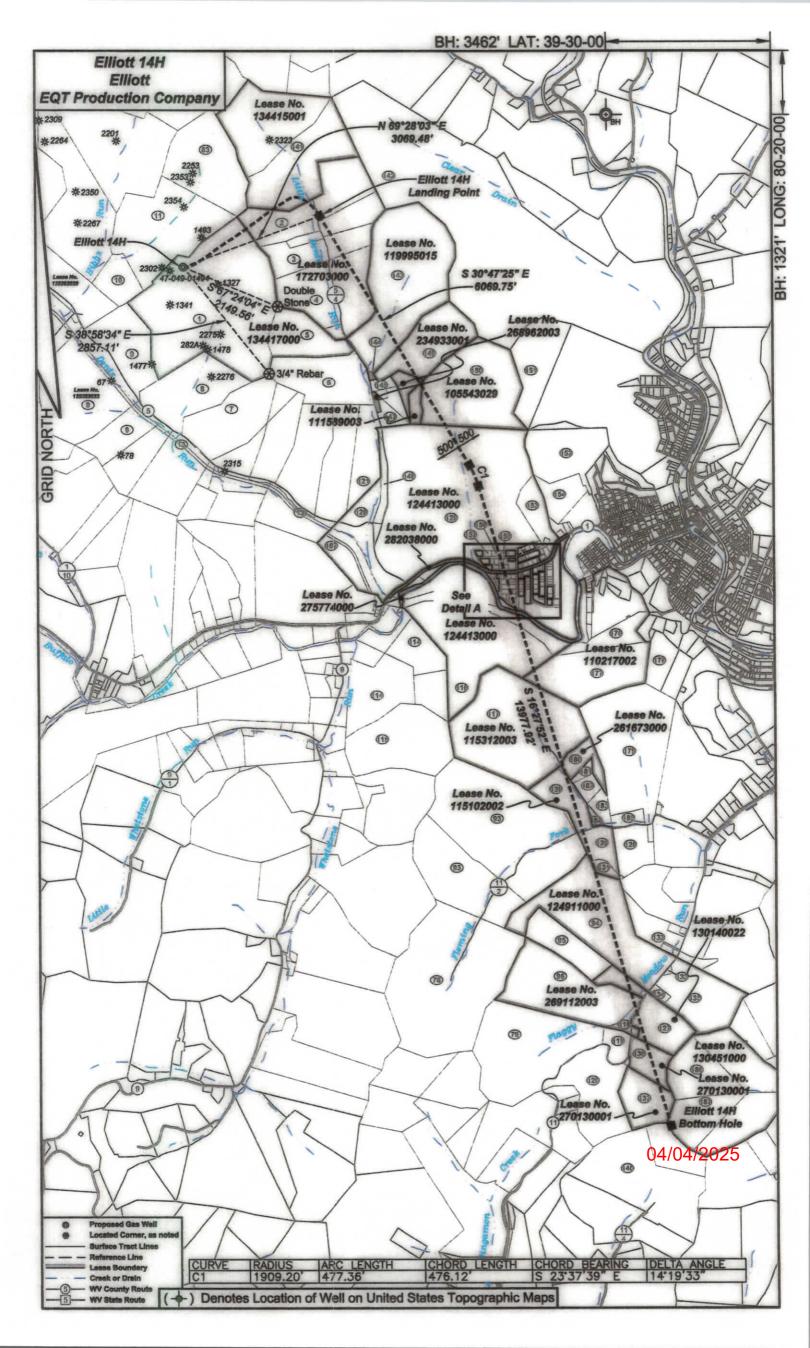


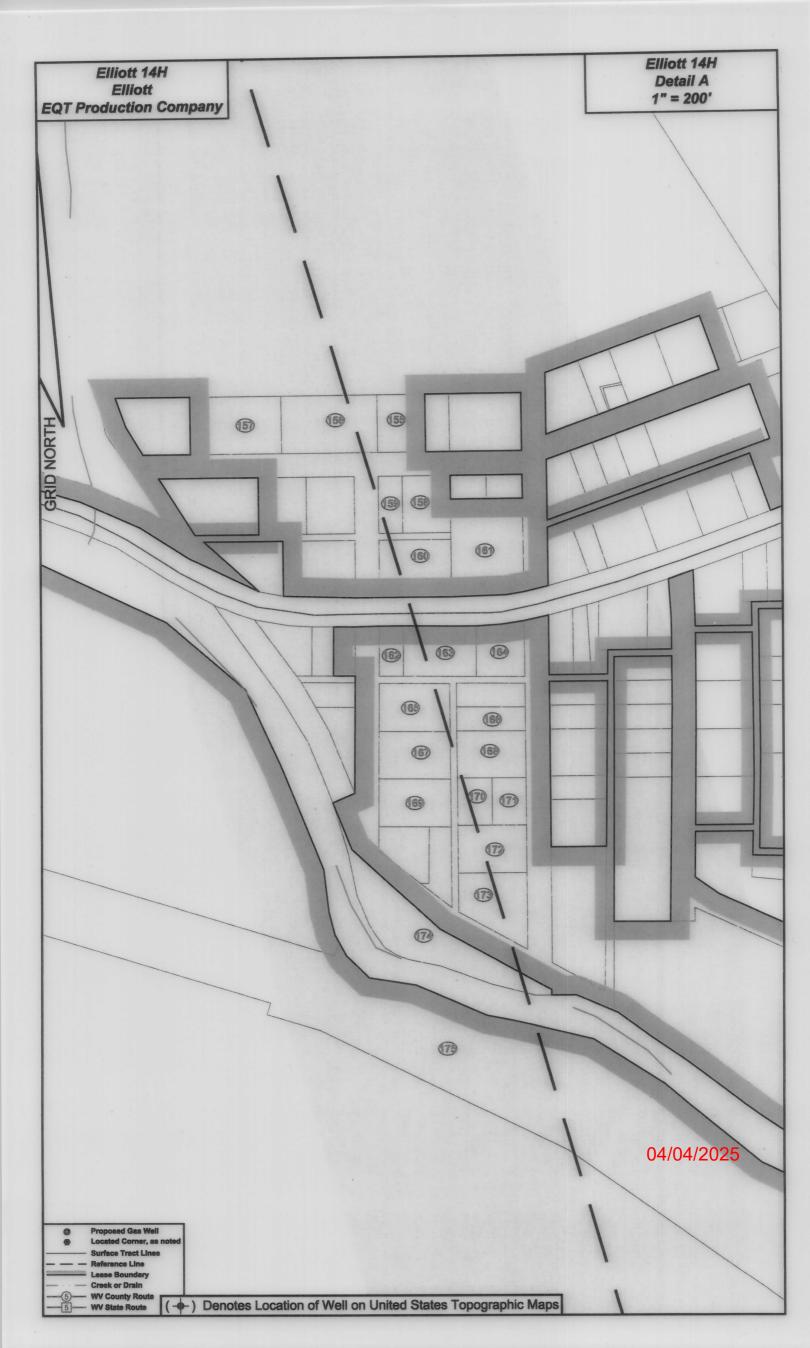
UWI ABANO_DATE CURR_OPER		FIELD_NAME	FNL_CLASS	LATITUDE LONG	GITUDE OPER_NAME	PROJ_TD SPUD_DATE ELEV	ATION TOT_DEPTH
014930000 9/16/2013 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.54707900	-80.37989800 Consol	0.00000000 5/7/2004	1340.00 3420.00
014940000 NA Elliott and Stafford	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	3 9 .54520800	-80.38205000 Trans Energy	0.00000000 7/31/2001	1280.00 7200.00
024110000 1/27/2017 Consolidation Coal Company 013270000 10/23/2013 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 013410000 NA Elliott and Stafford	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.54433400	-80.37872300 RJAL Inc.	0.00000000 10/19/2001	1461.00 5010.00
	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.63339800	-80.53075000 RJAL Inc.	0.00000000 10/5/2001	1090.00 3360.00
023990000 5/12/2015 Consolidation Coal Company 023960000 4/27/2015 Consolidation Coal Company	GR	Glover Gap	N/A	39.54314700	-80.36423300 N/A	0.00000000 N/A	1293.00 N/A
023980000 4/2//2015 Consolidation Coal Company 023980000 5/14/2015 Consolidation Coal Company	GR GR	Glover Gap	N/A	39.54298300	-80.36228000 N/A	0.00000000 N/A	1170.00 3340,00
022750000 2/5/2014 Consolidation Coal Company	GR GR	Glover Gap	N/A	39.54163700	-80.36647000 N/A	0.00000000 N/A	1113.00 N/A
02397000 5/14/2015 Consolidation Coal Company	GR	Glover Gap	N/A	39.54151200	-80.37849300 N/A	0.00000000 N/A	1148.00 N/A
014780000 2/27/2014 Elliott and Stafford	GR	Mannington	N/A	39.54150900	-80.36456200 N/A	0.00000000 N/A	1193.00 N/A
014770000 2/6/2014 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL	39.54061600	-80.37944300 Falcon Holdings	0.00000000 2/28/2004	1097.00 3190.00
000670000 6/6/2014 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL	39.53979200	-80.38359300 Falcon Holdings	0.00000000 3/25/2004	1177.00 3361.00
022760000 2/12/2014 Consolidation Coal Company	GR GR	Glover Gap	DEVELOPMENT WELL	39.53884300	-80.38662700 Elliott Samuel	0.00000000 1/14/1937	990.00 2812.00
018400000 Cancelled	GR	Glover Gap	N/A	39.53908300	-80.37916600 N/A	0.00000000 N/A	1178.00 N/A
023750000 7/19/2017 Consolidation Coal Company	GR	Glover Gap	DEVELOPMENT WELL-GAS	39.53885000	-80.37593100 Linn Operating	0.00000000 N/A N/A	N/A
23710000 6/27/2017 Consolidation Coal Company		Mannington	N/A	39.53969200	-80.36668500 Consolidation Coal Company	0.00000000 8/5/2003	1054.00 N/A
	GR	Mannington	N/A	39.53721100	-80.36443900 Consolidation Coal Company	0.00000000 N/A	1299.00 N/A
	GR	Glover Gap	Unclassified	39.53624000	-80.37705500 Linn Operating	0.00000000 unknown	1300.00 3275.00
, ,	GR	Glover Gap	Unclassified	39.53541500	-80.38756500 Samuel Elliott	0.00000000 10/1/1938	1197.00 3394.00
, ,	GR	Glover Gap	N/A	39.53376200	-80.37818900 Consolidation Coal Company	0.00000000 N/A	988.00 N/A
,,,	GR	Mannington	N/A	39.53614200	-80.36344800 Consolidation Coal Company	0.00000000 N/A	1265.00 N/A
(,	GR	Mannington	N/A	39.53596900	-80.35977200 Consolidation Coal Company	0.00000000 N/A	1176.00 N/A
· · · · · · · · · · · · · · · · · · ·	GR	Mannington	N/A	39.53555900	-80.35569100 Consolidation Coal Company	0.00000000 N/A	1405.00 N/A
	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 004600000 7/8/2011 East Resources	GR	Unknown	DEVELOPMENT WELL-GAS	Unknown Unkn		0.00000000 unknown unkn	own unknown
, ,	GR	Mannington	DEVELOPMENT WELL-GAS	39.52318900	-80.36422200 Pennzoil	0.00000000 6/25/1925	1195.00 3133.00
001150000(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 Pennzoii	0.00000000 7/5/1914	1416.00 3295.00
009210000 NA DIVERSIFIED	GR	Mannington	DEVELOPMENT WELL-OIL	39.55352900	-80.31733000 Penrzoil	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	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	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
D08420000 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	0.00000000 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 Pennzail	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
					•••		

Office of Oil and Gas
MAR 10 2025

WV Department of
Environmental Protection





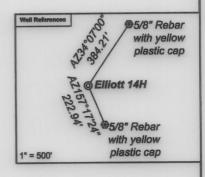


Elliott 14H **Elliott EQT Production Company**

EQT	Prod	uctio	n Co	mpany	
Truct I.D.	Tax Map No.	Parcel No.	County	District	
1	34	40	Marion	Mannington	Me
7	3/1	Ved	Marion	Mannington	
3	34	4/	Marion	Mannington	
4	33	1	Marion	Mannington	
5	34	40.1	Marion	Mannington	
6	3/1	41	Marion	Mannington	M
8	34	39	Marion	Mannington	M
9	34	33	Marion	Mannington	M
10	3/1	38	Marion	Mannington	M
11	3/1	37	Marion	Mannington	M
13	34	52	Marion	Mannington	
7G	G8	4	Marion	Mannington	
79	68	5	Marion	Mannington	
88	3/1	37	Marion	Mannington	
93	tsN	3	Marion	Mannington	
94	G8	9	Marion	Mannington	
95	68	8	Marion	Mannington	
96	68	7 10	Marion	Mannington	
10/	34	:sO	Marion	Mannington	
114	67	3	Marion	Mannington	
115	67	1	Marion	Mannington	Sta
116	67	1	Marion	Mannington	
11/	68	2	Marion	Mannington	
118	68	7	Marion	Mannington	
119	G8	G	Marion	Mannington	
120	60	50	Marion	Mannington	
121	3/1	44.1	Marion	Mannington	
126	68	22	Marion	Mannington	
127	C9	56	Marion	Mannington	
128	33	10	Marion	Mannington	
	68	10	Marion	Mannington	
131	G8	11.1	Marion	Mannington	
133	60	54	Marion	Mannington	
130	69	55 1	Marion	Mannington	
135	(A)	ista	Manon	Mannington	
136	G9	57	Marion	Mannington	
137	60	58	Marion	Mannington	
140	76	5	Marion	Uncoin	lar
141	32	11	Marion	Mannington	N
142	33	28	Marion	Mannington	
143	33	4	Marion	Mannington	
144	33	4.1	Marion	Mannington	
145	33	8	Marion	Mannington	
147	33	8.2	Marion	Mannington	
148	33	9.2	Marion	Mannington	
149	33	5	Marion	Mannington	
Oes	33	6	Marion	Mannington	
151	33	7	Marion	Mannington	
152	33	12.1	Marion	Mannington	
153	33	11	Marion	Mannington	
15/1	33	17	Marion	Mannington	
155	4	10.2		Mannington Corp	
156	4	93		Mannington Corp Mannington Corp	
15%	1	92 11		Mannington Corp	
759	4	11.1		Mannington Corp	
160	4	26		Mannington Corp	
161	4	12		Mannington Corp	
162	4	31		Mannington Corp	
168	4	32		Mannington Corp	
164	4	34		Mannington Corp	
165	4	30		Mannington Corp	
166	1	36	Marion	Mannington Corp	
16/	4	79	Marion	Mannington Corp	
168	4	37	Marion	Mannington Corp	
109	4	28	Marion	Mannington Corp	
170	4	38	Marion	Mannington Corp	
1/1	4	389	Marion	Mannington Corp	
172	4	40	Marion	Mannington Corp	
173	4	41	Marion	Mannington Corp	
174	67	1	Marion	Mannington	
175	67	18	Marion	Mannington	
1/6	.5	/1		Mannington Corp	
177	C8	1	Marion	Mannington	
178	68	36	Marion		
179	68	25	Marion	Mannington	
180	68	74	Marion		
181	GR GR	23.2	Marion		
182	68	23.2	Marion		
183	68	23	Marion		
185	68	23.1 25.1	Marion		
186	69	17	Marion		
187	60	16	Marion		
107	0.7	10	THRITOI	teletin militori	

Surface Tract Owner	Acres
Aurion County Coal Resources Inc. Thomas D. & Almee I. Haught	153.25 24.78
Edward E. Price	13
Thomas D. & Airnee J. Haught	10G.823
Detty J. Fluharty City of Mannington	29.75 42.5
Aarion County Coal Resources Inc.	47
Marion County Coal Resources Inc.	42.73
Marion County Coal Resources Inc.	134 17
Marion County Coal Resources Inc. Marion County Coal Resources Inc.	133.37
CSX Transportation	12.62
Robert C. & Florence J. Masters	139
Consolidation Coal Company	84.26 NA
Daris J. Hrown	120.25
Freeland W. & Crystal A. Miller	87.704
Freeland W. & Crystal A. Miller 131M Appalachia Gathering II C.	24.87 NA
CSX Iransportation	45.25
Jack L Higgins	G4
tate Soil Conservation Commission	55 83
Newton 5. Beaty Families Trust Kohert F. & Florence I. Masters	106.5
Lance F. Jones	3.095
Arnold Claw	8.75
Robert L. Wildman City of Mannington	43.3 25.75
James F. & Meredith M. Dixon	45.36
Timothy D. & Virginia L. Dobrell	20
City of Mannington	39.7 220.003
Newton S. Reaty Families Trust Freeland W. & Crystal A. Miller	3.2
Albert N. & Karen W. Lynch	13.25
Harold E. Deavers	0.76
Jason N. & Hrigitte A. Lynch	2 12 41.38
Thomas & Charlotte Starsick	13.56
Thomas & Charlotte Starsick	25.81
anet M Tennant & Connie Vangilder	88 84
Marion County Coal Resources Inc. Mildred H. Prichard Heira	116 379.56
Dents Run Properties LLC	109.0885
Barbara A. Fluharty	0.4115
Mark D. Snider	16.431
City of Mannington	5.8
Jason L Yankie	43.5
Hithel Goodnight Heirs	45
Mildred H. Prichard Heim Freeland W. Miller	38.58
Barbara M. Michael	15.5
Leonard Stafford	15.3
Josephine F. Utt Brenda S. Gooch	Lots 10 11 Lots G-9
Sarah E. Kendali	Luis 3-5
George R & Gina M Watson	ints 41-47
Clark V. Gorby Jr.	Lot 43 Lots 56 58
Clark V. Gorby Jr. Michael A. Beaty	100.30
James Hardesty	Lot 91
Brenna M. & Fred R. Mobley	1 ots 284-90
Jennifer C. Reach Arlie D. & Lucille P. Gabbert	Lots 86 87 Lots 105-106
Robert Hixon	Lot 108
Branna M. & Rebecca A. Mobley	1 ots 103-104
Janet L. Wyckoff	Lots 109 110
Brenna M. & Rebecca A. Mobley Ruth A. Smith	Lots 101-102 Lots 111-112
Heather I. Harley	Lots 111-112
Bessie L. Keener	Lots 113 114
Judy D. Hamilton	Lots 115-116 83
Newton S. Beaty Families Trust CSX Transportation	18.07
CSX Transportation	14.21
Gregory W. & Kayla J. White	36.08
Healli & Eric Daniels Jay E. & Sharon S. Wilcox	10.80 86.81
Roger A. & Autumn D. Huharty	lot H
Kenneth A. & Misty L. Rogers	Lot A
Regneth A. & Misty L. Rogers	Lot A 5.5
Roger A. or Barbara M. Fluharty Joseph R. Huharty Jr.	1.644
Dondald M. or Nancy J. Tennant	4.39
	27.5
Paul A. Surface James H. Glover	23.4

Notes:
Elliott 14H coordinates are
NAD 27 N: 382,001.45 E: 1,751,239.34
NAD 27 Lat: 39.545464 Long: -80.382137
NAD 83 UTM N: 4,377,501.84 E: 553,105.32
Elliott 14H Landing Point coordinates are
NAD 27 N: 383,078.03 E: 1,754,113.53
NAD 27 Lat: 39.548497 Long: -80.371981
NAD 83 UTM N: 4,376,930.44 E: 553,990.83
Elliott 14H Bottom Hole coordinates are NAD 83 UTM N: 4,376,930.44 E: 553,990.83
Elliott 14H Bottom Hole coordinates are
NAD 27 N: 364,022.86 E: 1,761,373.08
NAD 27 Lat: 39.496373 Long: -80.345602
NAD 83 UTM N: 4,372,075.87 E: 556,284.00
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. meridian.
UTM coordinates are NAD83, Zone 17, Meters



Elliott Elliott 17H 47-049-02506© © Elliott 16H 47-049-02560

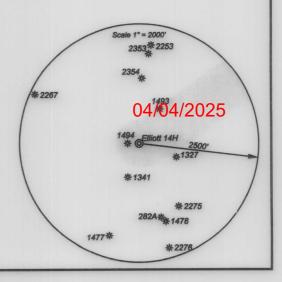
Elliott 15H 47-049-02505© © Elliott 13H 47-049-02558

Elliott 13H 47-049-02508

Elliott 11H 47-049-02503©
Elliott 19H 47-049-02556
Elliott 7H 47-049-02502©
Elliott 5H 47-049-02501©
Elliott 3H 47-049-02500©
Elliott 3H 47-049-02500©
Elliott 1H 47-049-02593
Elliott 1H 47-049-02499©

© Elliott 2H 47-049-02553

Owner
Randy J. Elliott, et al.
EQT Production Company, et al.
Ojeda AD4, LLC, et al.
Lee and Hall Royalities, et al.
J&N Management Enterprises, LLC, et al.
Newton S. Beaty Families Trust, et al.
AMP IV, LP, et al.
Margaret J. Smith, et al.
Newton S. Beaty Families Trust
West Virginia Department of Transportatio
West Virginia Department of Natural Reso Acres 183 90.125 & 63 117 109.50 43.5 11.5 4.773 85 4.773 85 427.153 6.06 10.9907 106 106.5 6.93 32.036 West Virginia Department of N George W. Bowers Charitable Elisabeth Rose Lathrop, et al. Country Roads Minerals, LLC Barbara G. Penfield, et al. Deborah A. Ellis, et al. Jonathan Ward Griffin, et al. Eric Daniels, et al. Steven Gayle Justice Steven Gayle Justice Cara Lee Starsick, et al. 32.000 120 27.525 of 97.745 95.02 13.5032 of 244.027 25.810 of 244.027 243



Operator's Well No.	Elliott 14H
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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	Pools/Dage
		Ciditot, Ecosoc, 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

RECEIVED Office of Oil and Gas

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 <u>5</u>

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
			,		55 1210,441
	EQT Production Company, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>172703000</u>	Ascent Resources Marcellus Minerals, LLC	90.125 ac & 63 ac	EQT Production Company		DB 1204/61
			- a		DD 1204/01
	Ojeda AD4, LLC, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>134415001</u>	John D. Haskins, III, married dealing in his sole and separate property	117 ac	EQT Production Company		DB 1254/532
			- CV / 104000011 COMPANY		DB 1234/332
	Lee and Hall Royalties, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>119995015</u>	Lee and Hall Royalties, a Partnership, by Dwight David Talbot, Agent	109.50 ac	EQT Production Company		DB 1264/933
	J&N Management Enterprises, LLC, et al.			"at least 1/8th per	
234933001	J&N Management Enterprises, LLC	43.5 ac	EQT Production Company	WV Code 22-6-8"	DB 1337/164
					DD 1037/104
	Newton S. Beaty Families Trust, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>268962003</u>	Newton S. Beaty Families Trust, by Philip A. Prichard acting as Trustee	11.5 ac	EQT Production Company		DB 1373/1
	En W N		,		50 1010/1
444	AMP IV, LP, et al.			"at least 1/8th per WV Code 22-6-8"	
<u>111589003</u>	AMP IV, LP, et al. AMP IV, LP AMP IV, LP	4.773 ac	EQT Production Company		DB 1319/671
	AMP IV, LP, et al. AMP IV, LP, et al. Margaret J. Smith, et al.			"at least 1/8th per	
105543029	Margaret Smith, married dealing in her sole and separate property	85 ac	EQT Production Company	WV Code 22-6-8"	DB 1261/1046
					DD 1201/1040

Newton S. Beaty Families Trust

<u>124413000</u>	Philip A. Prichard, acting as Attorney in Fact for the Newton S. Beaty heirs Trans Energy, Inc. Philip A. Prichard, Attorney in Fact for Newton S. Beaty heirs Republic Energy Ventures, LLC Republic Energy Ventures, LLC Republic Partners VIII, LLC, et al. Trans Energy, Inc. American Shale Development, Inc.	427.153 ac 449.903 ac	Trans Energy, Inc. Republic Energy Ventures, LLC American Shale Development, Inc. American Shale Development, Inc. Republic Energy Ventures, LLC Republic Partners VIII, LLC EQT Production Company EQT Production Company		DB 1106/11 AB 47/364 DB 1116/229 AB 47/387 AB 51/525 DB 1228/1
<u>282038000</u>	West Virginia Department of Transportation, Division of Highways West Virginia Department of Transportation, Division of Highways	6.06 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1379/117
<u>275774000</u>	West Virginia Department of Natural Resources State of West Virginia, Department of Commerce, Division of Natural Resources	10.9907 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1379/336
<u>110217002</u>	George W. Bowers Charitable Trust, et al. George W. Bowers Charitable Trust by Wesbanco Bank Inc. "Trust & Investment Services" as Trustee	106 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1293/682
<u>115312003</u>	Elisabeth Rose Lathrop, et al. Elisabeth Rose Lathrop Republic Energy Ventures, LLC, et al. Country Roads Minerals, LLC	106.5 ac	Republic Energy Ventures, LLC EQT Production Company	"at least 1/8th per WV Code 22-6-8" "at least 1/8th per WV Code 22-6-8"	DB 1134/232 AB 51/525
	٠٠٠ %			** V Code 22-0-0	

<u>261673000</u>	Country Roads Minerals, LLC	6.93 ac	EQT Production Company		DB 1355/518
<u>115102002</u>	Barbara G. Penfield, et al. Barbara Gay Penfield, a widow	32.036 ac		nt least 1/8th per V Code 22-6-8"	DB 1371/341
	Deborah A. Ellis, et al.			t least 1/8th per V Code 22-6-8"	
<u>124911000</u>	C. B. Morgan and G. R. Morgan	120 ac	T. M. Jackson & Co.		DB 45.5/260
	T. M. Jackson, I. C. White and C. L. Smith, known as T. M. Jackson & Co. Thomas M. Jackson, et al. Martha Montgomery, et al. David Hannah Martha Montgomery, et al. Jackson Oil and Gas Company South Penn Oil Company South Penn Natural Gas Company South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil United, Inc. Pennzoil Exploration and Production Company Pennzoil Exploration and Production, LLC Devon Energy Production Company, LP East Resources, Inc. East Resources, Inc. HG Energy, LLC American Energy-Marcellus, LLC		Martha B. Montgomery Jackson Oil and Gas Company David Hannah South Penn Oil Company South Penn Oil Company South Penn Oil Company South Penn Natural Gas Company South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Productions Company Pennzoil Productions Company Pennzoil Exploration and Production Compa Pennzenergy Exploration and Production, Li Devon Energy Production Company, LP East Resources, Inc. HG Energy, LLC American Energy-Marcellus, LLC EQT Production Company	any LC	DB 46/536 DB 46.5/416 DB 46.5/584 DB 51/521 DB 66/255 DB 77/216 DB 353/201 DB 616/340 WVSOS DB 726/74 WVSOS AB 11/349 DB 949/854 Name Change 52/5 Name Change 53/3 DB 965/371 AB 40/825 AB 47/692 Corp 67/847 AB 52/99
<u>130140022</u>	MAR 10 2025 WV Department of Environmental Protection Jonathan Ward Griffin	27.525 ac of 97.745 ac		least 1/8th per / Code 22-6-8"	DB 1370/125

<u>269112003</u>	Eric Daniels, et al. Eric Daniels	95.02 ac		"at least 1/8th per WV Code 22-6-8"	DB 1370/125
<u>270130001</u>	Steven Gayle Justice Steven Gayle Justice	13.5032 ac of 244.027 ac		'at least 1/8th per WV Code 22-6-8"	DB 1370/245
<u>270130001</u>	Steven Gayle Justice Steven Gayle Justice	25.810 ac of 244.027 ac		at least 1/8th per VV Code 22-6-8"	DB 1370/245
<u>130451000</u>	Cara Lee Starsick, et al. Charles H. Hibbs T. M. Joskson, J. C. White and C. J. Smith, known as T. M. Joskson B. C.	243 ac	T.M. Jackson & Co.	at least 1/8th per VV Code 22-6-8"	DB 45.5/16
	T. M. Jackson, I. C. White and C. L. Smith, known as T. M. Jackson & Co. Thomas M. Jackson, et al. Martha Montgomery, et al. David Hannah Martha Montgomery, et al. Jackson Oil and Gas Company South Penn Oil Company South Penn Natural Gas Company South Penn Oil Company Hope Natural Gas Company Consolidated Gas Supply Corporation Consolidated Gas Transmission Corporation CNG Transmission Corporation Eastern States Oil & Gas, Inc. Blazer Energy Corp. Eastern States Oil & Gas, Inc. Equitable Production - Eastern State Oil & Gas Inc. Equitable Production Company		Martha B. Montgomery Jackson Oil and Gas Company David Hannah South Penn Oil Company South Penn Oil Company South Penn Oil Company South Penn Natural Gas Company South Penn Natural Gas Company Hope Natural Gas Company Consolidated Gas Supply Corporation Consolidated Gas Transmission Corporatio CNG Transmission Corporation Eastern States Oil & Gas, Inc. Blazer Energy Corp. Eastern States Oil & Gas, Inc. Equitable Production - Eastern State Oil & Equitable Production Company EQT Production Company		DB 46/536 DB 46.5/416 DB 46.5/584 DB 51/521 DB 66/255 DB 77/216 DB 353/201 DB 616/340 Unrecorded DB 680/35 AB 9/912 Corp 65/196 AB 16/993 Corp 53/96 Misc 61/558 Misc 61/558 Misc 61/558

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	OFFICIAL ONED CO
1559	Certified Mail Fee S. H. & 5 Extra Services & Fees (check box, add fee as appropriate) Pletura Receipt (laurdcopy) S. H. & S.
5270	Return Receipt (electronic) \$
0770	Postage 10 72 Total Postage and Fees S WIGH 1.77 USPS
9589	Sent TO MARLON COUNTY COAL RESOURCES INC Street and Apt. No., or PO BOX NO. 46226 NATIONAL ROAD City, State, 219-49
	PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

RECEIVED Office of Oil and Gas

MAR 10 2025

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 14H

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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Office of Oil and Gas

MAR 10 2025

WV Department of Environmental Protection

