

Well Operator's Report of Well Work



Well Number: Elliott 1H (L004588)

API: 47 - 049 - 02499

Submission:  Initial  Amended

Notes:

RECEIVED  
Office of Oil and Gas  
SEP 12 2022  
WV Department of  
Environmental Protection

APPROVED OCT 04 2022  
*Samuel L. Reynolds*

10/14/2022

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

RECEIVED  
Office of Oil and Gas

SEP 12 2022

WV Department of  
Environmental Protection

API 47 - 049 - 02499 County Marion District Mannington  
Quad Glover Gap Pad Name Elliott Field/Pool Name N/A  
Farm name Consolidation Coal Company Well Number Elliott 1H (L004588)  
Operator (as registered with the OOG) EQT Production Company  
Address 2400 Ansys Drive, Suite 200 City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4,377,472.89 Easting 553,085.44  
Landing Point of Curve Northing 4,376,921.59 Easting 551,952.54  
Bottom Hole Northing 4,379,460.94 Easting 550,417.91

Elevation (ft) 1342' GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine

Mud Type(s) and Additive(s)

Synthetic Oil Based Mud 13.4 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 06/23/2021 Date drilling commenced 01/18/2021 Date drilling ceased 08/14/2021  
Date completion activities began 03/04/2022 Date completion activities ceased 06/30/2022  
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 189,274 Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 1784,1882,2399 Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 422,857,947 Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by:

10/14/2022

API 47- 049 - 02499 Farm name Consolidation Coal Company Well number Elliott 1H (L004588)

CASING STRINGS	Hole Size	Casing Size	Depth (GL)	New or Used	Grade wt/ft	Basket Depth(s) (GL)	Did cement circulate (Y/N) * Provide details below*
Conductor	30"	26"	40'	NEW	A-500 85.6#	N/A	Y
Surface	17-1/2"	13-3/8"	1013'	NEW	J-55 54.5#	924'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2486'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	19,248'	NEW	HP P-110 20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 1194' GL, which is greater than 500' TVD above the producing formation. No issues during cement job.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (GL)	WOC (hrs)
Conductor	CLASS A	83	15.6	1.18	98	0	8+
Surface	CLASS A	927	16.0	1.13	1047	0	8
Coal							
Intermediate 1	CLASS A	840	15.6	1.18	991	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4135	15.2	1.04	4300	1194	8+
Tubing							

Drillers TD (ft) 19,267' Loggers TD (ft) N/A  
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A  
 Plug back procedure N/A

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Kick off depth (ft) 1064'

Check all wireline logs run  caliper  density  deviated/directional  induction  
 neutron  resistivity  gamma ray  temperature  sonic

Well cored  Yes  No  Conventional  Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING

CONDUCTOR- NONE

SURFACE- ON SHOE TRACK AND EVERY 500' TO SURFACE

INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE

PRODUCTION: ON SHOE TRACK AND EVERY JOINT TO 1943'

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_

API 47- 049 - 02499 Farm name Consolidation Coal Company Well number Elliott 1H (L004588)

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
			ATTACHED		

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

Please insert additional pages as applicable.

API 47- 049 - 02499 Farm name Consolidation Coal Company Well number Elliott 1H (L004588)

PRODUCING FORMATION(S)	DEPTHS	
	TVD	MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump  
 SHUT-IN PRESSURE Surface \_\_\_\_\_ psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST \_\_\_\_\_ hrs  
 OPEN FLOW Gas 111.026 mcfpd Oil 0 bpd NGL 0 bpd Water 0.052 bpd GAS MEASURED BY  
 Estimated  Orifice  Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		

Please insert additional pages as applicable.

Drilling Contractor Patterson UTI (Rig 292)  
 Address 207 Carlton Dr City Eighty Four State PA Zip 15330  
 Logging Company Baker Hughes  
 Address 400 Technology Dr Suite 100 City Canonsburg State PA Zip 15317  
 Cementing Company Halliburton  
 Address 121 Champion Way Suite 110 City Canonsburg State PA Zip 15317  
 Cementing Company Universal Pressure Pumping, Inc.  
 Address 13549 S. Moisertown Road City Meadville State PA Zip 16335

Please insert additional pages as applicable.

Completed by Adam Hughey Telephone 724-575-5475  
 Signature [Signature] Title Director of Completions Date 2022-09-01

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

API 47- 049 - 02499 Farm name Consolidation Coal Company Well number Elliott 1H (L004588)

Drilling Contractor Falcon (Rig 25)  
Address 1120 US-119 City Indiana State PA Zip 15701

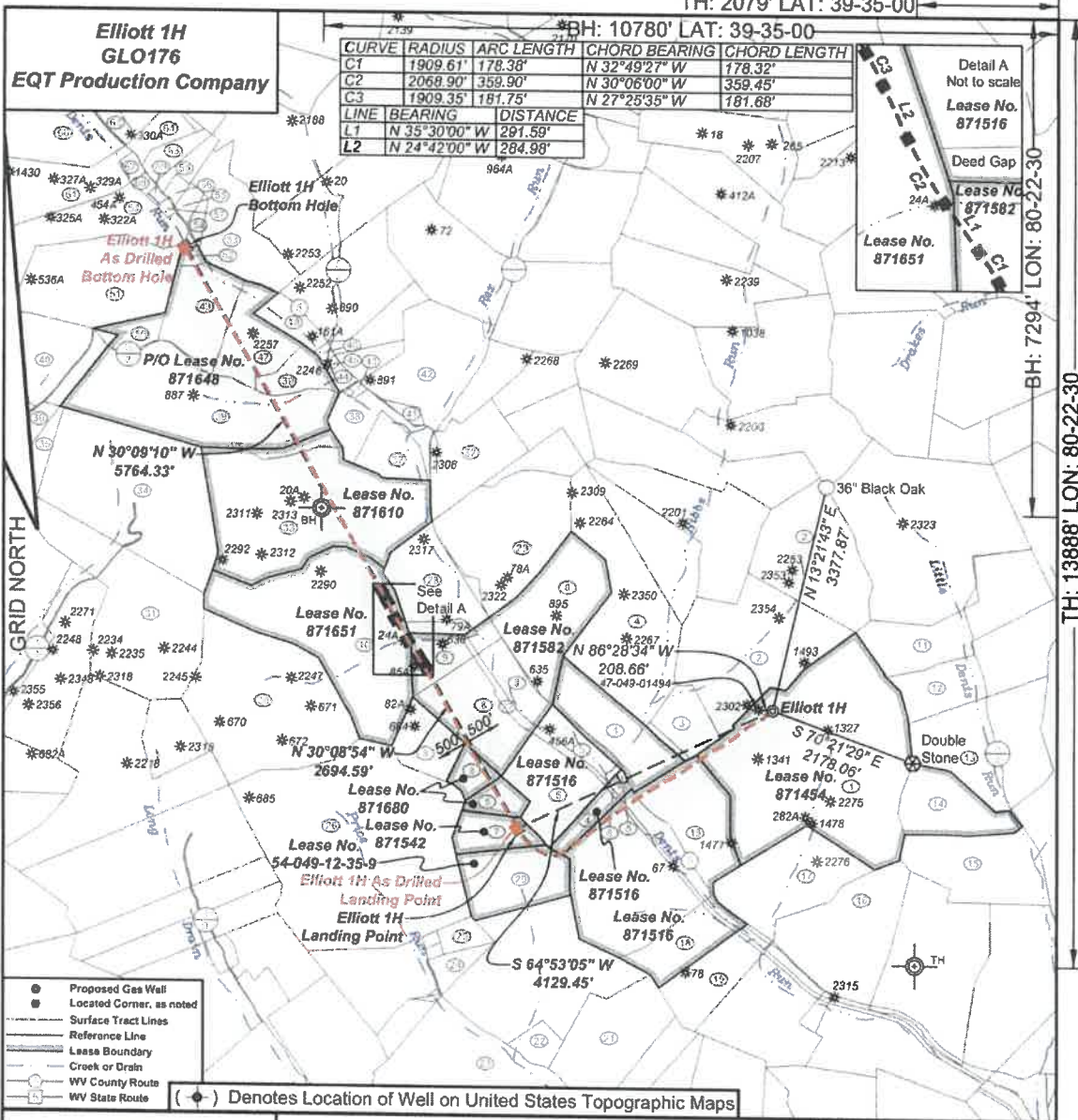
Logging Company Scientific Drilling International  
Address 124 Vista Drive City Charleroi State PA Zip 15022

Logging Company GyroData  
Address 73 Noblestown Road City Carnegie State PA Zip 15106

Stimulation Company US Well Services LLC  
Address 770 S Post Oak Ln Ste 405 City Houston State TX Zip 77056

Well # Elliott 1H (L004458) Final Formations API# 47-049-02499				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	422	422
Coal	422	422	424	424
Sand/Shale	424	424	857	857
Sewickley	857	857	862	862
Sand/Shale	862	862	949	949
Pittsburgh	949	949	957	957
Sand/Shale	957	957	2,169	2,158
Big Lime	2,169	2,158	2,295	2,281
Big Injun	2,295	2,281	2,422	2,406
Sand/Shale	2,422	2,406	2,570	2,551
Berea	2,570	2,551	2,994	2,959
Gantz	2,994	2,959	3,013	2,977
Sand/Shale	3,013	2,977	3,101	3,059
50ft	3,101	3,059	3,115	3,072
Sand/Shale	3,115	3,072	3,241	3,185
Bayard	3,241	3,185	3,611	3,492
Sand/Shale	3,611	3,492	5,714	5,113
Alexander	5,714	5,113	6,107	5,419
Elks	6,107	5,419	8,042	6,922
Sonyea	8,042	6,922	8,636	7,389
Middlesex	8,636	7,389	8,728	7,458
Genesee	8,728	7,458	8,891	7,571
Geneseo	8,891	7,571	8,941	7,601
Tully	8,941	7,601	9,011	7,642
Hamilton	9,011	7,642	9,216	7,735
Marcellus	9,216	7,735	19,267	7,800

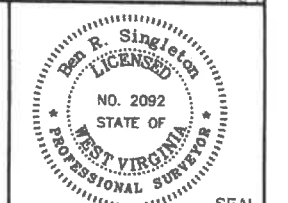
TH: 2079' LAT: 39-35-00



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

*Ben R. Singleton*

P.S. 2089SU



FILE NO: 48-18  
 DRAWING NO: Elliott 1H  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1:2500  
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: August 17 20 21  
 OPERATOR'S WELL NO.: Elliott 1H  
 API WELL NO  
 47 - 049 - 02499  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1343' WATERSHED Tributary of Dents Run QUADRANGLE: Glover Gap  
 DISTRICT: Mannington COUNTY: Marion  
 SURFACE OWNER: Consolidated Coal Company ACREAGE: 153.25  
 ROYALTY OWNER: Randy J. Elliott and Leonard W. Stafford LEASE NO: 871454 ACREAGE: 183  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,770'

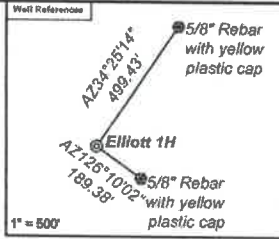
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow  
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280  
 Canonsburg, PA 15317 Bridgeport, WV 26330

10/14/2022



**Elliott 1H  
GLO176  
EQT Production Company**

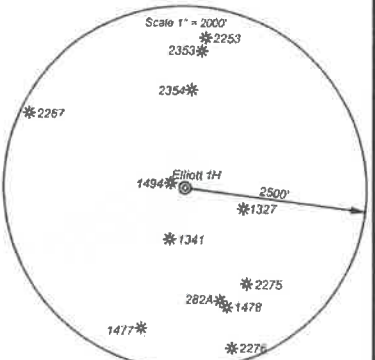
Tract ID	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	34	30	Marion	Mannington	Consolidation Coal Company	183.25
2	34	37	Marion	Mannington	Consolidation Coal Company	135.17
3	34	38	Marion	Mannington	Consolidation Coal Company	17.03
4	34	39	Marion	Mannington	Consolidation Coal Company	175.90
5	34	34	Marion	Mannington	Consolidation Coal Company	49.83
6	34	52	Marion	Mannington	CDX Transportation	17.82
7	34	35	Marion	Mannington	Consolidation Coal Company	16.02
8	38	19	Marion	Mannington	Consolidation Coal Company	18.92
9	38	18	Marion	Mannington	CDX Land LLC	18.91
10	37	30	Marion	Mannington	Consolidation Coal Company	107.90
11	34	49	Marion	Mannington	Donna M. & Lisa A. Hayes	24.78
12	34	47	Marion	Mannington	Edward F. Pines	27.97
13	34	1	Marion	Mannington	Thomas D. & James J. Hought	106.82
14	34	40.1	Marion	Mannington	Raymond F. & Betty J. Fuberty	26.75
15	34	45	Marion	Mannington	City of Mannington	61.30
16	34	41	Marion	Mannington	Consolidation Coal Company	47.90
17	34	39	Marion	Mannington	Consolidation Coal Company	42.75
18	34	33	Marion	Mannington	Consolidation Coal Company	174.00
19	34	32	Marion	Mannington	Consolidation Coal Company	22.25
20	35	9	Marion	Mannington	The Hampshire County Coal Company	178.78
21	34	1	Marion	Mannington	Clair J. Murphy	52.80
22	35	9.1	Marion	Mannington	CDX Land LLC	7.90
23	35	8	Marion	Mannington	Donna R. & Donna M. Cox	68.38
24	35	10.1	Marion	Mannington	CDX Land LLC	6.48
25	35	10.0	Marion	Mannington	Keith R. & Sandra D. Pignat	1.00
26	35	11	Marion	Mannington	CDX Land LLC	225.18
27	38	192.1	Marion	Mannington	CDX Transportation	4.00
28	35	17	Marion	Mannington	Consolidation Coal Company	31.00
29	36	18	Marion	Mannington	Consolidation Coal Company	80.11
30	37	29	Marion	Mannington	Consolidation Coal Company	80.25
31	37	24	Marion	Mannington	Jeffrey H. Mitchell	70.00
32	36	15	Marion	Mannington	Mark A. & Carrie A. Henderson	24.70
33	37	21	Marion	Mannington	Consolidation Coal Company	100.20
34	37	23	Marion	Mannington	Christine M. Fragale, et al	92.00
35	37	22	Marion	Mannington	Jeffrey H. Mitchell	168.82
36	38	14	Marion	Mannington	Nancy M. Riggs	82.00
37	37	22.2	Marion	Mannington	CDX Land LLC	14.80
38	37	32	Marion	Mannington	Mark A. & Carrie A. Henderson	14.31
39	37	34	Marion	Mannington	James D. Adkins	112.50
40	38	14.1	Marion	Mannington	John A. Meyhous, Jr	48.38
41	36	7.1	Marion	Mannington	Mark A. & Carrie A. Henderson	2.87
42	36	7	Marion	Mannington	Mark A. & Carrie A. Henderson	82.38
43	37	33	Marion	Mannington	CDX Land LLC	1.31
44	36	6.1	Marion	Mannington	Douglas L. & Kimberly J. Cyphers	1.84
45	36	6	Marion	Mannington	Douglas L. Cyphers	1.67
46	38	5	Marion	Mannington	Douglas L. Cyphers	1.81
47	38	17.1	Marion	Mannington	Douglas L. & Kimberly J. Cyphers	24.80
48	38	3	Marion	Mannington	Douglas L. Cyphers	24.14
49	38	17	Marion	Mannington	Henry R. Gil, et al	38.58
50	38	19	Marion	Mannington	Michael A. Julie A. Billo	7.86
51	39	15	Marion	Mannington	Michael A. Julie A. Billo	58.87
52	38	18	Marion	Mannington	William D. Crassee	2.50
53	39	12	Marion	Mannington	Lynn E. Stum	40.19
54	39	11.4	Marion	Mannington	Lynn E. Stum	2.15
55	39	11.3	Marion	Mannington	Kerry P. & Michael F. Berby	0.11
56	39	11.1	Marion	Mannington	Kerry L. Orloff & Michael F. Berby	1.02
57	39	10.1	Marion	Mannington	David A. Wright	1.17
58	39	10.4	Marion	Mannington	William E. Henderson	39.75
59	39	19.2	Marion	Mannington	William E. Henderson	1.81
60	38	19.5	Marion	Mannington	Dorothy D. Henderson	1.48
61	38	19.4	Marion	Mannington	Dorothy D. Henderson	39.71
62	38	19.2	Marion	Mannington	Dorothy D. Henderson	2.25
63	39	11	Marion	Mannington	Jerold M. & Iris A. Calmes	7.00
64	39	11.2	Marion	Mannington	Jerold M. & Iris A. Calmes	7.01
65	39	9	Marion	Mannington	John Pheasant & Donna Market	82.87
66	38	20	Marion	Mannington	Donna G. & Louise M. Hayes	59.24



As Dotted Well Information:  
 Elliott 1H coordinates are  
 NAD 27 N: 381,907.55 E: 1,751,172.23  
 NAD 83 UTM N: 4,377,472.89 E: 553,085.44  
 Elliott 1H Kick Out Point coordinates are  
 NAD 27 N: 381,907.36 E: 1,751,170.44  
 NAD 83 UTM N: 4,377,472.82 E: 553,084.89  
 Elliott 1H Landing Point coordinates are  
 NAD 27 N: 380,160.55 E: 1,747,424.64  
 NAD 83 UTM N: 4,376,921.59 E: 551,952.54  
 Elliott 1H Bottom Hole coordinates are  
 NAD 27 N: 388,577.09 E: 1,742,527.83  
 NAD 83 UTM N: 4,379,480.94 E: 550,417.91  
 West Virginia Coordinate system of 1927 (North Zone)  
 based upon Differential GPS Measurements.  
 Plat orientation, corner and well ties are based upon  
 the grid north meridian.  
 Well location references are based upon the grid north  
 meridian.  
 UTM coordinates are NAD83, Zone 17, Meters.

- Elliott**
- Elliott 17H 47-049-02506 @
  - Elliott 15H 47-049-02505 @
  - Elliott 13H 47-049-02504 @
  - Elliott 11H 47-049-02503 @
  - Elliott 9H 47-049-02502 @
  - Elliott 7H 47-049-02498 @
  - Elliott 5H 47-049-02502 @
  - Elliott 3H 47-049-02501 @
  - Elliott 1H 47-049-02498 @
- N 22° 54' 18" W  
15' Typ

Lease No	Owner	Acres
871516	Lee and Hall Royalties, a partnership, et al	109.25
871516	Lee and Hall Royalties, a partnership, et al	160.1
54-049-12-35-9	Harrison County Coal Resources Inc	34
871542	AMP IV, LP, et al	16
871690	Venable Royalty, LTD, V14, LP, & JVO, LLC et al	16.25
871582	Geneva L. Straight, et al	110
871651	Clinton Keith Phillips, et al	107
871610	Reba M. Runyan, et al	109.42
871648	Lee and Hall Royalties, a partnership, et al	809



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

*Ben R. Singleton*  
 P.S. 2089SU



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 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,770'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow  
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280  
 Canonsburg, PA 15317 Bridgeport, WV 26330

10/14/2022

# Perforation Data

Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	03/06/2022	19143	18969	40	Marcellus
3	03/06/2022	18951	18772	40	Marcellus
4	03/06/2022	18753	18574	40	Marcellus
5	03/07/2022	18555	18376	40	Marcellus
6	03/07/2022	18357	18178	40	Marcellus
7	03/08/2022	18159	17980	40	Marcellus
8	03/08/2022	17961	17782	40	Marcellus
9	03/09/2022	17763	17584	40	Marcellus
10	03/09/2022	17565	17386	40	Marcellus
11	03/09/2022	17367	17188	40	Marcellus
12	03/10/2022	17169	16990	40	Marcellus
13	03/10/2022	16971	16792	40	Marcellus
14	03/11/2022	16773	16594	40	Marcellus
15	03/11/2022	16575	16396	40	Marcellus
16	03/12/2022	16377	16198	40	Marcellus
17	03/13/2022	16179	16000	40	Marcellus
18	03/14/2022	15981	15802	40	Marcellus
19	03/14/2022	15783	15604	40	Marcellus
20	03/14/2022	15585	15406	40	Marcellus
21	03/14/2022	15387	15208	40	Marcellus
22	03/15/2022	15189	15010	40	Marcellus
23	03/15/2022	14991	14812	40	Marcellus
24	03/16/2022	14793	14614	40	Marcellus
25	03/16/2022	14595	14416	40	Marcellus
26	03/17/2022	14397	14218	40	Marcellus
27	03/17/2022	14199	14020	40	Marcellus
28	03/17/2022	14001	13822	40	Marcellus
29	03/18/2022	13803	13624	40	Marcellus
30	03/19/2022	13605	13426	40	Marcellus
31	03/19/2022	13407	13228	40	Marcellus
32	03/20/2022	13209	13030	40	Marcellus
33	03/20/2022	13011	12832	40	Marcellus
34	03/20/2022	12813	12634	40	Marcellus
35	03/21/2022	12615	12436	40	Marcellus
36	03/21/2022	12417	12238	40	Marcellus
37	03/22/2022	12219	12040	40	Marcellus
38	03/22/2022	12021	11842	40	Marcellus
39	03/22/2022	11823	11644	40	Marcellus
40	03/23/2022	11625	11446	40	Marcellus
41	03/23/2022	11427	11248	40	Marcellus
42	03/24/2022	11229	11050	40	Marcellus
43	03/24/2022	11031	10852	40	Marcellus

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44	03/25/2022	10833	10654	40	Marcellus
45	03/25/2022	10635	10456	40	Marcellus
46	03/26/2022	10437	10258	40	Marcellus
47	03/26/2022	10239	10060	40	Marcellus
48	03/26/2022	10041	9862	40	Marcellus
49	03/27/2022	9843	9664	40	Marcellus
50	03/27/2022	9645	9466	40	Marcellus
51	03/28/2022	9447	9268	40	Marcellus

## Stimulation Data

Stage #	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	03/05/2022	66	9234	7651	4866	176440	4721	
2	03/06/2022	84	9285	6097	5604	440620	10567	
3	03/06/2022	96	9225	5589	6421	440150	9946	
4	03/07/2022	99	9194	5918	5836	440560	9905	
5	03/07/2022	94	9416	5877	5986	440180	9946	
6	03/08/2022	90	9559	5881	5687	440360	9911	
7	03/08/2022	95	9524	5923	5012	440410	9925	
8	03/09/2022	94	9452	6199	4950	440150	9916	
9	03/09/2022	95	9557	6049	5329	440220	9899	
10	03/09/2022	93	9447	5868	5478	440180	9903	
11	03/10/2022	94	9506	6046	4900	440660	9863	
12	03/10/2022	94	9325	5985	5070	440100	9885	
13	03/11/2022	94	9511	6107	4966	440320	9796	
14	03/11/2022	97	9443	6238	9570	440480	10394	
15	03/11/2022	94	9429	6100	5106	440800	9796	
16	03/12/2022	93	9459	6037	5066	440280	9742	
17	03/14/2022	94	9435	6004	5523	440820	9859	
18	03/14/2022	100	9438	6089	5783	440660	9710	
19	03/14/2022	98	9447	6063	5151	440620	9729	
20	03/14/2022	99	9422	6109	5187	440650	9723	
21	03/15/2022	98	9431	5997	4864	440520	9435	
22	03/15/2022	100	9244	6076	6255	440550	9707	
23	03/16/2022	100	9279	6043	4934	440620	9695	
24	03/16/2022	98	9314	6003	5281	440150	9723	
25	03/17/2022	96	9340	5939	5196	440250	9669	
26	03/17/2022	96	9403	5918	5542	440100	9680	
27	03/17/2022	98	9311	6011	6221	440050	9719	
28	03/18/2022	98	9285	6005	5376	440300	9640	
29	03/19/2022	98	9318	5901	5259	440150	9657	
30	03/19/2022	99	9389	5871	6421	440210	9660	
31	03/19/2022	99	9367	6132	5464	440300	9658	
32	03/20/2022	99	9384	6187	6759	440100	9625	
33	03/20/2022	97	9304	5962	5411	440350	9643	
34	03/21/2022	99	9362	5902	6365	440280	9667	
35	03/21/2022	99	9385	5797	6468	440500	9623	
36	03/22/2022	99	9243	5541	5271	440400	9608	
37	03/22/2022	96	9011	5927	5283	440010	9577	
38	03/22/2022	91	9246	5853	5505	440250	11495	
39	03/23/2022	99	9185	5888	4894	440300	9587	
40	03/23/2022	100	9134	5774	6659	440020	9571	
41	03/23/2022	100	9239	5925	6112	440180	9561	
42	03/24/2022	100	9099	5821	9278	440300	10446	

10/14/2022

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43	03/25/2022	99	9232	5769	5427	440610	9524
44	03/25/2022	96	9250	5704	5635	440400	9528
45	03/26/2022	98	9194	5880	4806	440400	9512
46	03/26/2022	100	9092	5689	5219	440100	9497
47	03/26/2022	100	9049	5953	4908	440380	9513
48	03/27/2022	100	9014	5797	5461	440510	9485
49	03/27/2022	100	9072	5905	5055	440500	9478
50	03/28/2022	100	9129	5958	5301	440410	9489
51	03/28/2022	100	8775	6116	5084	440300	9377

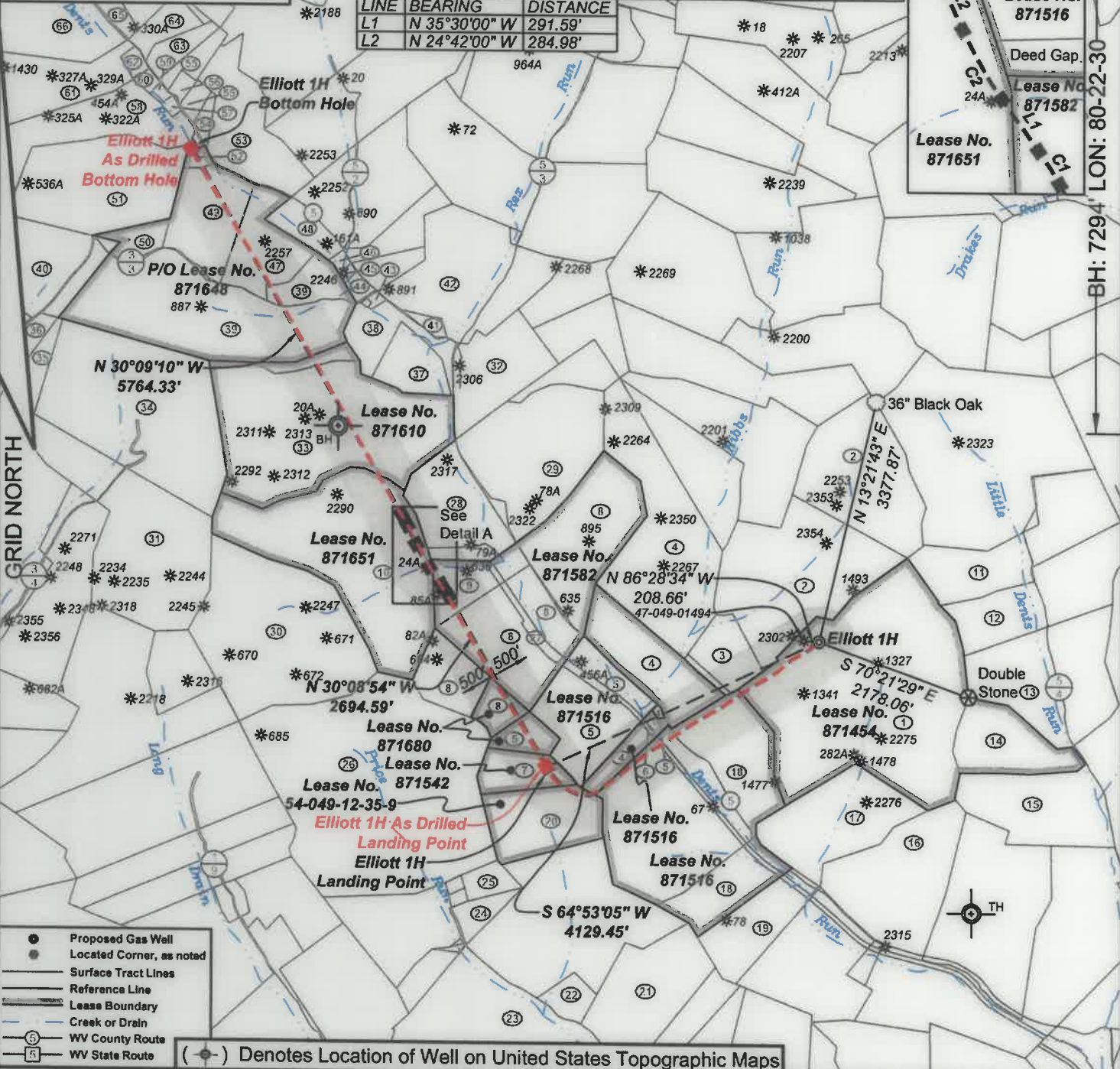
TH: 2079' LAT: 39-35-00

CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	1909.61'	178.38'	N 32°49'27" W	178.32'
C2	2068.90'	359.90'	N 30°06'00" W	359.45'
C3	1909.35'	181.75'	N 27°25'35" W	181.68'

LINE	BEARING	DISTANCE
L1	N 35°30'00" W	291.59'
L2	N 24°42'00" W	284.98'

**Elliott 1H  
GLO176  
EQT Production Company**



- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- ⊙ WV County Route
- ⊙ WV State Route

(⊙) Denotes Location of Well on United States Topographic Maps



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

*Ben R. Singleten*  
P.S. 2089SU



SEAL

FILE NO: 48-18  
 DRAWING NO: Elliott 1H  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1:2500  
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

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



DATE: August 17 20 21  
 OPERATOR'S WELL NO.: Elliott 1H  
 API WELL NO  
 47 - 049 - 02499  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1343' WATERSHED Tributary of Dents Run QUADRANGLE: Glover Gap  
 DISTRICT: Mannington COUNTY: Marion  
 SURFACE OWNER: Consolidated Coal Company ACREAGE: 143.25  
 ROYALTY OWNER: Randy J. Elliott and Leonard W. Stafford LEASE NO: 871454 ACREAGE: 183  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,770'  
 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow  
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280  
 Canonsburg, PA 15317 Bridgeport, WV 26330

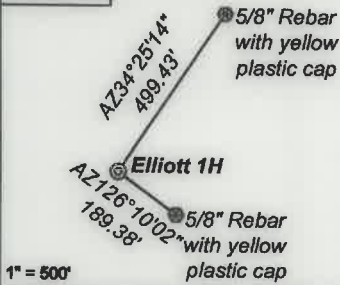
10/14/2022



**Elliott 1H  
GLO176  
EQT Production Company**

Tract ID	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	34	40	Marion	Mannington	Consolidation Coal Company	153.25
2	34	37	Marion	Mannington	Consolidation Coal Company	133.37
3	34	38	Marion	Mannington	Consolidation Coal Company	17.00
4	34	36	Marion	Mannington	Consolidation Coal Company	120.00
5	34	34	Marion	Mannington	Consolidation Coal Company	46.85
6	34	52	Marion	Mannington	CSX Transportation	12.62
7	34	35	Marion	Mannington	Consolidation Coal Company	16.00
8	36	19	Marion	Mannington	Consolidation Coal Company	123.90
9	36	18	Marion	Mannington	CNX Land LLC	18.50
10	37	30	Marion	Mannington	Consolidation Coal Company	107.00
11	34	49	Marion	Mannington	Dennis M. & Lisa A. Hayes	24.78
12	34	47	Marion	Mannington	Edward F. Price	23.00
13	33	1	Marion	Mannington	Thomas D. & Aimee J. Haight	106.82
14	34	40.1	Marion	Mannington	Raymond F. & Betty J. Fkharly	29.75
15	34	45	Marion	Mannington	City of Mannington	42.50
16	34	41	Marion	Mannington	Consolidation Coal Company	47.00
17	34	39	Marion	Mannington	Consolidation Coal Company	42.75
18	34	33	Marion	Mannington	Consolidation Coal Company	134.00
19	34	32	Marion	Mannington	Consolidation Coal Company	22.25
20	35	9	Marion	Mannington	The Harrison County Coal Company	125.75
21	34	1	Marion	Mannington	Carol J. Murphy	52.00
22	35	9.1	Marion	Mannington	CNX Land LLC	2.00
23	35	8	Marion	Mannington	Dennis R. & Donna M. Carl	66.58
24	35	10.1	Marion	Mannington	CNX Land LLC	8.40
25	35	10.6	Marion	Mannington	Keith R. & Sandra D. Pigott	1.00
26	35	11	Marion	Mannington	CNX Land LLC	135.19
27	36	19.1	Marion	Mannington	CSX Transportation	4.00
28	36	17	Marion	Mannington	Consolidation Coal Company	35.00
29	36	18	Marion	Mannington	Consolidation Coal Company	80.11
30	37	29	Marion	Mannington	Consolidation Coal Company	80.25
31	37	24	Marion	Mannington	Jeffrey H. Michael	79.00
32	36	15	Marion	Mannington	Mark A. & Carrie A. Hendershot	24.00
33	37	31	Marion	Mannington	Consolidation Coal Company	109.20
34	37	23	Marion	Mannington	Christina M. Fragale, et al.	95.00
35	37	22	Marion	Mannington	Jeffrey H. Michael	166.83
36	38	14	Marion	Mannington	Nancy M. Riggs	52.00
37	37	32.2	Marion	Mannington	CNX Land LLC	14.60
38	37	32	Marion	Mannington	Mark A. & Carrie A. Hendershot	14.31
39	37	34	Marion	Mannington	James D. Atkinson	112.50
40	38	14.1	Marion	Mannington	John A. Mayhew, Jr.	48.38
41	36	7.1	Marion	Mannington	Mark A. & Carrie A. Hendershot	2.07
42	36	7	Marion	Mannington	Mark A. & Carrie A. Hendershot	62.38
43	37	33	Marion	Mannington	CNX Land LLC	1.31
44	36	8.1	Marion	Mannington	Douglas L. & Kimberly J. Cyphers	1.94
45	36	6	Marion	Mannington	Douglas L. Cyphers	1.07
46	36	5	Marion	Mannington	Douglas L. Cyphers	1.55
47	38	17.1	Marion	Mannington	Douglas L. & Kimberly J. Cyphers	24.80
48	36	3	Marion	Mannington	Douglas L. Cyphers	24.24
49	38	17	Marion	Mannington	Henry R. Gil, et al.	26.58
50	38	18	Marion	Mannington	Michael & Julie A. Bille	7.85
51	38	15	Marion	Mannington	Michael & Julie A. Bille	58.87
52	38	18	Marion	Mannington	William D. Crouser	2.50
53	39	12	Marion	Mannington	Lynn E. Sturm	40.19
54	39	11.4	Marion	Mannington	Lynn E. Sturm	2.73
55	39	11.3	Marion	Mannington	Kerri F. & Michael F. Berthy	9.11
56	39	11.1	Marion	Mannington	Kerry L. Orloff & Michael F. Berthy	1.92
57	38	19.1	Marion	Mannington	David A. Wright	1.17
58	38	19.4	Marion	Mannington	William E. Hendershot	39.70
59	38	19.3	Marion	Mannington	William E. Hendershot	1.01
60	38	19.5	Marion	Mannington	Dorothy D. Hendershot	1.46
61	38	19	Marion	Mannington	Dorothy D. Hendershot	38.25
62	38	19.2	Marion	Mannington	Dorothy D. Hendershot	2.25
63	39	11	Marion	Mannington	Gerald M. & Iris A. Games	7.00
64	39	11.2	Marion	Mannington	Gerald M. & Iris A. Games	7.01
65	39	9	Marion	Mannington	John Pheasant & Dennis Markel	62.50
66	35	20	Marion	Mannington	Dennis G. & Louise M. Hayes	50.24

Well References

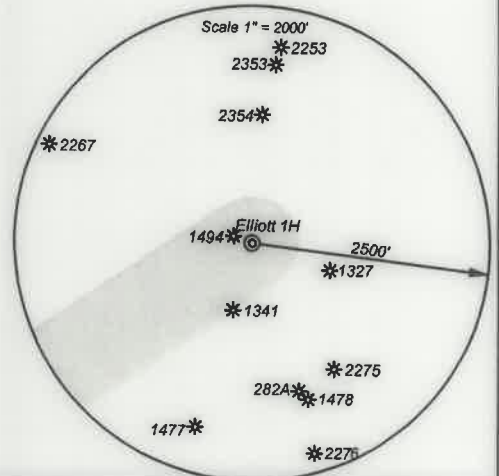


**As Drilled Well Information:**  
 Elliott 1H coordinates are  
 NAD 27 N: 381,907.55 E: 1,751,172.23  
 NAD 83 UTM N: 4,377,472.89 E: 553,085.44  
 Elliott 1H Kick Out Point coordinates are  
 NAD 27 N: 381,907.36 E: 1,751,170.44  
 NAD 83 UTM N: 4,377,472.82 E: 553,084.89  
 Elliott 1H Landing Point coordinates are  
 NAD 27 N: 380,160.55 E: 1,747,424.64  
 NAD 83 UTM N: 4,376,921.59 E: 551,952.54  
 Elliott 1H Bottom Hole coordinates are  
 NAD 27 N: 388,577.09 E: 1,742,527.68  
 NAD 83 UTM N: 4,379,460.94 E: 550,417.91  
 West Virginia Coordinate system of 1927 (North Zone) based upon Differential GPS Measurements.  
 Plat orientation, corner and well ties are based upon the grid north meridian.  
 Well location references are based upon the grid north meridian.  
 UTM coordinates are NAD83, Zone 17, Meters.

Elliott

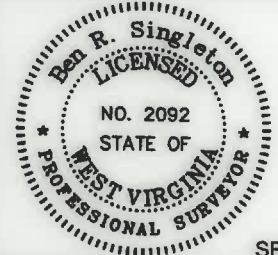
Elliott 17H 47-049-02506  
 Elliott 15H 47-049-02505  
 Elliott 13H 47-049-02504  
 Elliott 11H 47-049-02503  
 Elliott 9H 47-049-02498  
 Elliott 7H 47-049-02497  
 Elliott 5H 47-049-02502  
 Elliott 3H 47-049-02501  
 Elliott 1H 47-049-02499

Lease No.	Owner	Acres
871516	Lee and Hall Royalties, a partnership, et al.	109.25
871516	Lee and Hall Royalties, a partnership, et al.	160.1
54-049-12-35-9	Harrison County Coal Resources Inc.	34
871542	AMP IV, LP, et al.	16
871680	Venable Royalty, LTD, V14, LP, & JVO, LLC et al.	16.25
871582	Geneva L. Straight, et al.	110
871651	Clinton Keith Phillips, et al.	107
871610	Reba M. Runyan, et al.	109.42
871648	Lee and Hall Royalties, a partnership, et al.	809



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

*Ben R. Singleton*  
 P.S. 2089SU



FILE NO: 48-18  
 DRAWING NO: Elliott 1H  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1:2500  
 PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: August 17, 2021  
 OPERATOR'S WELL NO.: Elliott 1H  
 API WELL NO: 47-049-02499  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1343' WATERSHED: Tributary of Dents Run QUADRANGLE: Glover Gap  
 DISTRICT: Mannington COUNTY: Marion  
 SURFACE OWNER: Consolidated Coal Company ACREAGE: 10/14/2022  
 ROYALTY OWNER: Randy J. Elliott and Leonard W. Stafford LEASE NO: 871454 ACREAGE: 183  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,770'  
 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow  
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280  
 Canonsburg, PA 15317 Bridgeport, WV 26330