

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

Office Of Oil and Gas

JUN 19 2025

RECEIVED
Office Of Oil and Gas

JUN 19 2025

API 47 - 049 - 02522 County Marion District Mannington
Quad Glover Gap Pad Name CARNEGIE Field/Pool Name N/A
Farm name Jeanne A. Musgrave Akers & Joseph Forte Well Number Carnegie 5H (L003708)
Operator (as registered with the OOG) EQT Production Company
Address 400 Woodcliff Drive 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	<u>4,375,057.36</u>	Easting	<u>548,450.50</u>
Landing Point of Curve	Northing	<u>4,374,758.01</u>	Easting	<u>547,995.87</u>
Bottom Hole	Northing	<u>4,379,853.64</u>	Easting	<u>545,411.48</u>

Elevation (ft) 1318' 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 13.65 ppg barium sulfate, sodium chloride, xanthan gum, polyacrylic cellulose, modified starch, sodium hydroxide, phosphate 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 12/04/2023 Date drilling commenced 01/04/2024 Date drilling ceased 05/07/2024
Date completion activities began 12/27/2024 Date completion activities ceased 03/29/2025
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 298', 324', 330', 358', 698' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1880' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 503', 656', 925', 1032' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) Y

Reviewed by: _____

GP 8-25-2025

APPROVED

09/19/2025

WR-35

Rev. 8/23/13

Page ___ of ___

API 47-049-02522

Farm name Jeanne A. Musgrave Akers & Joseph Forte

Well number Carnegie 5H (L003708)

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"	1108'	NEW	J-55 54.5#	1012'	N
Coal							
Intermediate 1	12-1/4"	9-5/8"	2685'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	26,590'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Surface: Ran 1" tubing down the backside & tagged cement. Pumped 82 bbl. grout cmt. 3 bbl. returned.
Production cmt has calculated TOC of 1070' GL, which is greater than 500' TVD above the producing formation. No issues

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (GL)	WOC (hrs)
Conductor	CLASS A	83	15.6	1.18	98	0	8+
Surface	CLASS L	1049	16.0	1.09	1143	0	8
Coal							
Intermediate 1	CLASS A	1045	16.5	1.07	1118	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4365	15.0	1.19	5194	1070'	8+
Tubing							

Drillers TD (ft) 26,611'

Loggers TD (ft) N/A

Deepest formation penetrated MARCELLUS

Plug back to (ft) N/A

Plug back procedure Pilot Hole BHKA: Pump 28 bbls spacer @ 13.5#, 1.844 yld Pump 90 bbls (555 sks) of Dense Cem @ 17.5# 0.944 YLD 3.46 gal/sk.
 Pump 3 bbls (18 sks) of Dense Cem @ 17.5# 0.944 YLD 3.46 gal/sk. Pump 18 bbls spacer @ 13.5#, 1.844 yld. Displace with 103 bbls of SOB (103 bbls calculated). Estimated cement top @ 6,765'.

Kick off depth (ft) 2774'

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, EVERY OTHER JOINT TO 8654', EVERY JOINT TO 6933' AND EVERY OTHER JOINT TO 1909'

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☒ No DETAILSWAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILSWERE TRACERS USED ☐ Yes ☒ No TYPE OF TRACER(S) USEDRECEIVED
Office Of Oil and Gas

JUN 19 2025

WV Department of
Environmental Protection

JP 8-25-2025

09/19/2025

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

09/19/2025

Farm name **Jeanne A. Musgrave Akers & Joseph Forte** Well number **Carnegie 5H (L003708)**

DEPTHS

GAS TEST ☐ Build up ☒ Drawdown ☒ Open Flow **OIL TEST** ☐ Flow ☐ Pump

OPEN FLOW	Gas		Oil		NGL		Water		GAS MEASURED BY		
	34522	mcfpd	0	bpd	0	bpd	547	bpd	☐ Estimated	☒ Orifice	☐ Pilot

[illegible]

Drilling Contractor Patterson UTI (292)

Address 207 Carlton Drive 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** **Nextier Completion Solutions, Inc.**

Address 3990 Rogerdale Road City Houston State TX Zip 77042

Please insert additional pages as applicable.

Completed by Jacob Caplan

Telephone 412-215-2723

Signature  Title Mgr Completions Engr Date 2025-06-10

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry

09/19/2025

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Page ____ of ____

API 47- 049 - 02522 Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 5H (L003708)

Drilling Contractor Falcon (Rig 25)

Address 1120 US-119 City Indiana State PA Zip 15701

Logging Company Scientific Drilling International

Address 3475 Washington Ave City Finleyville State PA Zip 15332

Logging Company GyroData

Address 73 Noblestown Road City Carnegie State PA Zip 15106

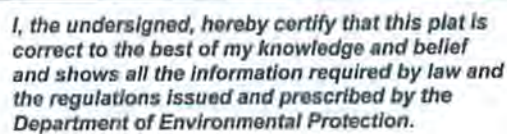
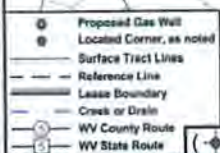
Drilling Contractor _____

Address _____ City _____ State _____ Zip _____

09/19/2025

Well # CARNEGIE 5H Final Formations API# 47-049-02522				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	503	503
Washington	503	503	504	504
Sand/Shale	504	504	656	656
Waynesburg	656	656	658	658
Sand/Shale	658	658	925	925
Sewickley	925	925	928	928
Sand/Shale	928	928	1,032	1,032
Pittsburgh	1,032	1,032	1,040	1,040
Sand/Shale	1,040	1,040	2,487	2,487
Big Injun	2,487	2,487	2,448	2,448
Sand/Shale	2,448	2,448	2,937	2,937
Gantz	2,937	2,937	3,063	3,062
50F	3,063	3,062	3,144	3,143
Sand/Shale	3,144	3,143	3,228	3,226
Fifth Sand	3,228	3,226	3,248	3,246
Sand/Shale	3,248	3,246	3,338	3,335
Bayard	3,338	3,335	3,370	3,367
Sand/Shale	3,370	3,367	5,735	5,539
Alexander	5,735	5,539	5,785	5,583
Sand/Shale	5,785	5,583	6,107	5,864
Elks	6,107	5,864	7,541	7,147
Sonyea	7,541	7,147	7,763	7,337
Middlesex	7,763	7,337	7,850	7,407
Genesee	7,850	7,407	7,981	7,502
Geneseo	7,981	7,502	8,041	7,542
Tully	8,041	7,542	8,110	7,583
Hamilton	8,110	7,583	8,367	7,683
Marcellus	8,367	7,683	26,611	7,737

09/19/2025



P.S. 2092



WELL OPERATOR: <u>EQT Production Company</u>	DESIGNATED AGENT: <u>Joseph C. Mallow</u>
ADDRESS: <u>400 Woodcliff Drive</u>	ADDRESS: <u>427 Midstate Drive</u>
<u>Canonsburg, PA 15317</u>	<u>Clarksburg, WV 25301</u>

09/19/2025

Carnegie 5H
Carnegie
EQT Production Company

Well ID	Top Map No.	Bottom Map No.	County	Owner	Surface Tract Owner	Acres
1	10	20	Marion	Marion	Marion	90
2	10	20	Marion	Marion	Marion	90
3	10	20	Marion	Marion	Marion	90
4	10	20	Marion	Marion	Marion	90
5	10	20	Marion	Marion	Marion	90
6	10	20	Marion	Marion	Marion	90
7	10	20	Marion	Marion	Marion	90
8	10	20	Marion	Marion	Marion	90
9	10	20	Marion	Marion	Marion	90
10	10	20	Marion	Marion	Marion	90
11	10	20	Marion	Marion	Marion	90
12	10	20	Marion	Marion	Marion	90
13	10	20	Marion	Marion	Marion	90
14	10	20	Marion	Marion	Marion	90
15	10	20	Marion	Marion	Marion	90
16	10	20	Marion	Marion	Marion	90
17	10	20	Marion	Marion	Marion	90
18	10	20	Marion	Marion	Marion	90
19	10	20	Marion	Marion	Marion	90
20	10	20	Marion	Marion	Marion	90
21	10	20	Marion	Marion	Marion	90
22	10	20	Marion	Marion	Marion	90
23	10	20	Marion	Marion	Marion	90
24	10	20	Marion	Marion	Marion	90
25	10	20	Marion	Marion	Marion	90
26	10	20	Marion	Marion	Marion	90
27	10	20	Marion	Marion	Marion	90
28	10	20	Marion	Marion	Marion	90
29	10	20	Marion	Marion	Marion	90
30	10	20	Marion	Marion	Marion	90
31	10	20	Marion	Marion	Marion	90
32	10	20	Marion	Marion	Marion	90
33	10	20	Marion	Marion	Marion	90
34	10	20	Marion	Marion	Marion	90
35	10	20	Marion	Marion	Marion	90
36	10	20	Marion	Marion	Marion	90
37	10	20	Marion	Marion	Marion	90
38	10	20	Marion	Marion	Marion	90
39	10	20	Marion	Marion	Marion	90
40	10	20	Marion	Marion	Marion	90
41	10	20	Marion	Marion	Marion	90
42	10	20	Marion	Marion	Marion	90
43	10	20	Marion	Marion	Marion	90
44	10	20	Marion	Marion	Marion	90
45	10	20	Marion	Marion	Marion	90
46	10	20	Marion	Marion	Marion	90
47	10	20	Marion	Marion	Marion	90
48	10	20	Marion	Marion	Marion	90
49	10	20	Marion	Marion	Marion	90
50	10	20	Marion	Marion	Marion	90
51	10	20	Marion	Marion	Marion	90
52	10	20	Marion	Marion	Marion	90
53	10	20	Marion	Marion	Marion	90
54	10	20	Marion	Marion	Marion	90
55	10	20	Marion	Marion	Marion	90
56	10	20	Marion	Marion	Marion	90
57	10	20	Marion	Marion	Marion	90
58	10	20	Marion	Marion	Marion	90
59	10	20	Marion	Marion	Marion	90
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61	10	20	Marion	Marion	Marion	90
62	10	20	Marion	Marion	Marion	90
63	10	20	Marion	Marion	Marion	90
64	10	20	Marion	Marion	Marion	90
65	10	20	Marion	Marion	Marion	90
66	10	20	Marion	Marion	Marion	90
67	10	20	Marion	Marion	Marion	90
68	10	20	Marion	Marion	Marion	90
69	10	20	Marion	Marion	Marion	90
70	10	20	Marion	Marion	Marion	90
71	10	20	Marion	Marion	Marion	90
72	10	20	Marion	Marion	Marion	90
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74	10	20	Marion	Marion	Marion	90
75	10	20	Marion	Marion	Marion	90
76	10	20	Marion	Marion	Marion	90
77	10	20	Marion	Marion	Marion	90
78	10	20	Marion	Marion	Marion	90
79	10	20	Marion	Marion	Marion	90
80	10	20	Marion	Marion	Marion	90
81	10	20	Marion	Marion	Marion	90
82	10	20	Marion	Marion	Marion	90
83	10	20	Marion	Marion	Marion	90
84	10	20	Marion	Marion	Marion	90
85	10	20	Marion	Marion	Marion	90
86	10	20	Marion	Marion	Marion	90
87	10	20	Marion	Marion	Marion	90
88	10	20	Marion	Marion	Marion	90
89	10	20	Marion	Marion	Marion	90
90	10	20	Marion	Marion	Marion	90
91	10	20	Marion	Marion	Marion	90
92	10	20	Marion	Marion	Marion	90
93	10	20	Marion	Marion	Marion	90
94	10	20	Marion	Marion	Marion	90
95	10	20	Marion	Marion	Marion	90
96	10	20	Marion	Marion	Marion	90
97	10	20	Marion	Marion	Marion	90
98	10	20	Marion	Marion	Marion	90
99	10	20	Marion	Marion	Marion	90
100	10	20	Marion	Marion	Marion	90



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

P.S. 2092



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 5H
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: May 13 20 24
OPERATOR'S WELL NO.: Carnegie 5H
API WELL NO
47 - 049 - 02522
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: As-Built: 1318' WATERSHED: Laurel Run of Owen Davy Fork QUADRANGLE: Glover Gap
DISTRICT: Mannington COUNTY: Marion
SURFACE OWNER: Jeanne A. Musgrave Akers & Joseph Forte ACREAGE: 28.96
ROYALTY OWNER: Bounty Minerals, LLC, et al. LEASE NO: 112106000 ACREAGE: 135
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: Phil. Onondaga ESTIMATED DEPTH: 7,712' Lateral: 7,712' Phil: 7,651'
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 25301

09/19/2025

Carnegie 5H Carnegie EQT Production Company		<u>As Drilled Well Information:</u> Carnegie 5H coordinates are NAD 27 N: 374,234.36 E: 1,735,831.28 NAD 83 UTM N: 4,375,057.36 E: 548,450.50 <u>Carnegie 5H Pilot Bottom Hole coordinates are:</u> NAD 27 N: 373,277.57 E: 1,734,323.13 NAD 83 UTM N: 4,374,758.01 E: 547,965.87 <u>Carnegie 5H Landing Point coordinates are:</u> NAD 27 N: 373,956.47 E: 1,733,670.50 NAD 83 UTM N: 4,374,961.53 E: 547,793.60 <u>Carnegie 5H Bottom Hole coordinates are:</u> NAD 27 N: 390,139.76 E: 1,726,121.08 NAD 83 UTM N: 4,379,853.64 E: 545,411.48 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.																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Lease No.</th> <th style="text-align: left;">Owner</th> <th style="text-align: left;">Acres</th> </tr> </thead> <tbody> <tr><td>112106000</td><td>Bounty Minerals, LLC, et al.</td><td>135</td></tr> <tr><td>112107000</td><td>EQT Production Company, et al.</td><td>81</td></tr> <tr><td>115702000</td><td>CNX Gas Company LLC, et al.</td><td>123</td></tr> <tr><td>136173019</td><td>Mike Ross, Inc., et al.</td><td>16.5</td></tr> <tr><td>116421000</td><td>Consolidation Coal Company, et al.</td><td>32</td></tr> <tr><td>132284000</td><td>Jasuri D. Beatty, et al.</td><td>105</td></tr> <tr><td>112133000</td><td>AMP IV, LP</td><td>106</td></tr> <tr><td>102396000</td><td>Bounty Minerals, LLC</td><td>196</td></tr> <tr><td>234751000</td><td>West Virginia Department of Transportation, Division of Highways</td><td>46.88</td></tr> <tr><td>118822000</td><td>John M. Bachman, et al.</td><td>200.4</td></tr> <tr><td>100373094</td><td>Lou Ellen Brumage, et al.</td><td>93.23</td></tr> <tr><td>259368001</td><td>Country Roads Minerals, LLC, et al.</td><td>143</td></tr> <tr><td>219001001</td><td>Country Roads Minerals, LLC, et al.</td><td>90</td></tr> </tbody> </table>	Lease No.	Owner	Acres	112106000	Bounty Minerals, LLC, et al.	135	112107000	EQT Production Company, et al.	81	115702000	CNX Gas Company LLC, et al.	123	136173019	Mike Ross, Inc., et al.	16.5	116421000	Consolidation Coal Company, et al.	32	132284000	Jasuri D. Beatty, et al.	105	112133000	AMP IV, LP	106	102396000	Bounty Minerals, LLC	196	234751000	West Virginia Department of Transportation, Division of Highways	46.88	118822000	John M. Bachman, et al.	200.4	100373094	Lou Ellen Brumage, et al.	93.23	259368001	Country Roads Minerals, LLC, et al.	143	219001001	Country Roads Minerals, LLC, et al.	90	Carnegie ⊙ Carnegie 19H ⊙ Carnegie 17H ⊙ Carnegie 15H ⊙ Carnegie 13H ⊙ Carnegie 11H ⊙ Carnegie 9H ⊙ Carnegie 7H ⊙ Carnegie 5H ⊙ Carnegie 3H ⊙ Carnegie 1H Well References
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FILE NO: 92-21 DRAWING NO: Carnegie 5H SCALE: 1" = 2000' MINIMUM DEGREE OF ACCURACY: 1:2500 PROVEN SOURCE OF ELEVATION: NGS CORS Station		DATE: May 13 20 24 OPERATOR'S WELL NO.: Carnegie 5H API WELL NO 47 - 049 - 02522 STATE COUNTY PERMIT																																									
WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL (IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW LOCATION: ELEVATION: <u>As-Built: 1318'</u> WATERSHED <u>Laurel Run of Owen Davy Fork</u> QUADRANGLE: <u>Glover Gap</u> DISTRICT: <u>Mannington</u> COUNTY: <u>Marion</u> SURFACE OWNER: <u>Jeanne A. Musgrave Akers & Joseph Forte</u> ACREAGE: <u>28.96</u> ROYALTY OWNER: <u>Bounty Minerals, LLC, et al.</u> LEASE NO: <u>112106000</u> ACREAGE: <u>135</u> 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: <u>Lateral Marcellus</u> ESTIMATED DEPTH: <u>Lateral: 7,712' CH: 7,851'</u> ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: <u>PH: Onondaga</u>																																											
WELL OPERATOR: <u>EQT Production Company</u> DESIGNATED AGENT: <u>Joseph C. Mallow</u> ADDRESS: <u>400 Woodcliff Drive</u> ADDRESS: <u>427 Midstate Drive</u> <u>Canonsburg, PA 15317</u> <u>Clarksburg, WV 25301</u>																																											

09/19/2025

Perforation Data

Stage No.	Perforation Date	Stage Perforated From TMD FL	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	12/28/2024	26503	26341	36	Marcellus
3	12/28/2024	26322	26160	36	Marcellus
4	12/29/2024	26141	25980	36	Marcellus
5	12/30/2024	25960	25799	36	Marcellus
6	12/31/2024	25780	25618	36	Marcellus
7	12/31/2024	25599	25417	40	Marcellus
8	01/01/2025	25399	25218	40	Marcellus
9	01/02/2025	25200	25019	40	Marcellus
10	01/03/2025	25001	24820	40	Marcellus
11	01/05/2025	24802	24621	40	Marcellus
12	01/05/2025	24603	24422	40	Marcellus
13	01/07/2025	24404	24223	40	Marcellus
14	01/08/2025	24205	24024	40	Marcellus
15	01/09/2025	24006	23825	40	Marcellus
16	01/10/2025	23807	23626	40	Marcellus
17	01/10/2025	23608	23427	40	Marcellus
18	01/11/2025	23409	23228	40	Marcellus
19	01/12/2025	23210	23029	40	Marcellus
20	01/13/2025	23011	22830	40	Marcellus
21	01/13/2025	22812	22631	40	Marcellus
22	01/14/2025	22613	22432	40	Marcellus
23	01/14/2025	22414	22233	40	Marcellus
24	01/14/2025	22215	22034	40	Marcellus
25	01/15/2025	22016	21835	40	Marcellus
26	01/15/2025	21817	21636	40	Marcellus
27	01/15/2025	21618	21437	40	Marcellus
28	01/16/2025	21419	21238	40	Marcellus
29	01/16/2025	21220	21039	40	Marcellus
30	01/17/2025	21021	20840	40	Marcellus
31	01/17/2025	20822	20641	40	Marcellus
32	01/17/2025	20623	20442	40	Marcellus
33	01/17/2025	20424	20243	40	Marcellus
34	01/18/2025	20225	20044	40	Marcellus
35	01/18/2025	20026	19845	40	Marcellus
36	01/18/2025	19827	19646	40	Marcellus
37	01/18/2025	19628	19447	40	Marcellus
38	01/19/2025	19429	19248	40	Marcellus
39	01/19/2025	19230	19049	40	Marcellus
40	01/20/2025	19031	18850	40	Marcellus
41	01/22/2025	18832	18651	40	Marcellus
42	01/23/2025	18633	18452	40	Marcellus

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43	01/23/2025	18434	18253	40	Marcellus
44	01/23/2025	18235	18054	40	Marcellus
45	01/24/2025	18036	17855	40	Marcellus
46	01/24/2025	17837	17656	40	Marcellus
47	01/24/2025	17638	17457	40	Marcellus
48	01/25/2025	17439	17258	40	Marcellus
49	01/25/2025	17240	17059	40	Marcellus
50	01/25/2025	17041	16860	40	Marcellus
51	01/26/2025	16842	16661	40	Marcellus
52	01/26/2025	16643	16462	40	Marcellus
53	01/26/2025	16444	16263	40	Marcellus
54	02/03/2025	16245	16064	40	Marcellus
55	02/03/2025	16046	15865	40	Marcellus
56	02/04/2025	15847	15666	40	Marcellus
57	02/04/2025	15648	15467	40	Marcellus
58	02/05/2025	15449	15268	40	Marcellus
59	02/05/2025	15250	15069	40	Marcellus
60	02/06/2025	15051	14870	40	Marcellus
61	02/06/2025	14852	14671	40	Marcellus
62	02/07/2025	14653	14472	40	Marcellus
63	02/08/2025	14454	14273	40	Marcellus
64	02/08/2025	14255	14074	40	Marcellus
65	02/09/2025	14056	13875	40	Marcellus
66	02/09/2025	13857	13676	40	Marcellus
67	02/10/2025	13658	13477	40	Marcellus
68	02/10/2025	13459	13278	40	Marcellus
69	02/11/2025	13260	13079	40	Marcellus
70	02/12/2025	13061	12880	40	Marcellus
71	02/12/2025	12862	12681	40	Marcellus
72	02/13/2025	12663	12482	40	Marcellus
73	02/13/2025	12464	12283	40	Marcellus
74	02/14/2025	12265	12084	40	Marcellus
75	02/15/2025	12066	11885	40	Marcellus
76	02/15/2025	11867	11686	40	Marcellus
77	02/16/2025	11668	11487	40	Marcellus
78	02/16/2025	11469	11288	40	Marcellus
79	02/17/2025	11270	11089	40	Marcellus
80	02/18/2025	11071	10890	40	Marcellus
81	02/19/2025	10872	10691	40	Marcellus
82	02/19/2025	10673	10492	40	Marcellus
83	02/20/2025	10474	10293	40	Marcellus
84	02/20/2025	10275	10084	40	Marcellus
85	02/20/2025	10076	9885	40	Marcellus
86	02/21/2025	9877	9696	40	Marcellus
87	02/21/2025	9678	9497	40	Marcellus

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88	02/22/2025	9479	9298	40	Marcellus
89	02/22/2025	9280	9099	40	Marcellus
90	02/22/2025	9081	8900	40	Marcellus
91	02/23/2025	8882	8701	40	Marcellus
92	02/23/2025	8683	8542	32	Marcellus
93	02/23/2025	8524	8403	28	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	12/28/2024	71	8517	2977	4176	175924	4525	
2	12/28/2024	93	9208	7219	4435	397072	10382	
3	12/29/2024	90	9169	6606	4678	396167	9439	
4	12/30/2024	93	9177	6520	5107	396291	9505	
5	12/31/2024	90	9244	6305	4985	397140	9494	
6	01/01/2025	91	9212	6649	4818	397062	9467	
7	01/02/2025	96	9225	6934	4446	439996	10375	
8	01/02/2025	93	9200	6116	6199	440472	10218	
9	01/03/2025	93	8982	6193	5766	439925	10281	
10	01/05/2025	90	9056	6823	4686	440449	10254	
11	01/05/2025	93	9224	5858	9087	440526	10284	
12	01/08/2025	95	9201	6703	4973	441156	10321	
13	01/08/2025	96	9074	6022	5292	440191	10293	
14	01/09/2025	96	9049	6586	5565	440439	10293	
15	01/10/2025	94	9051	6528	5146	440973	10308	
16	01/11/2025	99	9200	6586	5677	440422	10424	
17	01/12/2025	96	9229	6520	5448	440468	10245	
18	01/12/2025	96	9182	6852	5506	440124	10239	
19	01/13/2025	100	9201	6528	6010	440323	10273	
20	01/13/2025	97	9129	6567	5302	440159	10276	
21	01/14/2025	97	9169	6489	5686	440163	10310	
22	01/14/2025	100	9079	6477	5395	440800	10265	
23	01/14/2025	95	9091	7492	5672	440741	10262	
24	01/16/2025	97	9110	6672	5359	440951	10287	
25	01/15/2025	99	9166	6325	5445	441061	10255	
26	01/16/2025	100	9060	6301	5466	439934	10101	
27	01/16/2025	98	9088	6259	5494	439769	10174	
28	01/17/2025	100	9079	6236	5488	439821	10246	
29	01/17/2025	98	8801	6097	5414	441031	10209	
30	01/17/2025	98	8978	6127	5612	440200	10259	
31	01/17/2025	100	9050	6338	5647	440366	10232	
32	01/18/2025	99	9089	6329	5486	441334	10225	
33	01/18/2025	98	8897	6294	5660	440134	10277	
34	01/18/2025	100	8964	6277	5551	440924	10168	
35	01/19/2025	100	9102	6306	5542	439979	10194	
36	01/19/2025	100	9026	6262	5642	440902	10215	
37	01/19/2025	99	8841	6586	5712	439902	10129	
38	01/19/2025	99	8960	6261	5626	440187	10235	
39	01/21/2025	100	8737	6489	5400	440784	10170	
40	01/22/2025	98	8918	6118	5888	440297	10074	
41	01/23/2025	99	8848	6354	5571	439988	10299	

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42	01/23/2025	99	8831	6193	5688	440098	10281
43	01/24/2025	100	8759	6024	3188	441031	10100
44	01/24/2025	98	8761	6104	5497	442385	10086
45	01/24/2025	100	8822	6242	5796	440009	10087
46	01/25/2025	100	8995	6212	7271	440743	10080
47	01/25/2025	99	9141	6391	5780	440111	10010
48	01/25/2025	100	8680	6261	5669	440331	10050
49	01/26/2025	100	9050	6379	5665	439514	9997
50	01/26/2025	100	4802	2343	5889	440798	9945
51	01/26/2025	100	8778	6401	5581	440366	9992
52	01/26/2025	100	8941	6447	5360	440327	10060
53	02/03/2025	100	8902	6494	5080	440084	10007
54	02/03/2025	100	8904	6613	5313	440164	9862
55	02/04/2025	99	8935	6223	5618	440951	9840
56	02/04/2025	100	8729	4980	5547	440342	9805
57	02/05/2025	101	8794	6333	5559	441814	9817
58	02/06/2025	95	8433	8838	5399	440160	9829
59	02/06/2025	99	8799	7086	5167	440191	9855
60	02/07/2025	100	8811	7034	5436	440302	9753
61	02/07/2025	100	8875	7134	5928	440089	9742
62	02/08/2025	99	8735	6948	5553	441190	9765
63	02/08/2025	99	8818	6947	5358	440196	9740
64	02/09/2025	100	8676	7090	5151	442223	9731
65	02/09/2025	100	8692	7160	5645	440143	9729
66	02/10/2025	100	8922	6838	5050	440080	9723
67	02/11/2025	100	8580	6691	5759	440265	9697
68	02/11/2025	100	8753	6753	5247	440179	9699
69	02/12/2025	99	8975	6880	5726	440104	9676
70	02/12/2025	99	8911	7016	5410	440118	9659
71	02/13/2025	101	8634	6730	5475	440532	9663
72	02/14/2025	100	8917	6983	5745	441259	9665
73	02/14/2025	100	8980	6845	5621	431601	9839
74	02/15/2025	100	9017	6925	5119	440065	9636
75	02/15/2025	100	9062	6670	5735	439959	9625
76	02/16/2025	100	8974	6940	5317	440607	9632
77	02/17/2025	100	8817	6627	5240	440684	9638
78	02/18/2025	100	8668	6229	4202	440103	9615
79	02/18/2025	98	8808	6841	5500	439315	9999
80	02/19/2025	100	8614	6434	5658	440080	9614
81	02/19/2025	101	8737	6519	5794	440679	9566
82	02/20/2025	100	8720	6545	5367	440018	9580
83	02/20/2025	100	8462	6153	5578	440016	9556
84	02/21/2025	101	8366	5753	5655	441051	9575
85	02/21/2025	101	8448	6146	5323	443160	9631
86	02/22/2025	101	8403	6127	5454	441728	9569

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87	02/22/2025	99	8729	6249	5294	440358	9561	
88	02/22/2025	100	8520	6257	5846	442372	9556	
89	02/23/2025	100	8416	6285	6941	440317	9540	
90	02/23/2025	101	8382	6572	5316	440502	9555	
91	02/23/2025	100	8462	6145	5668	439996	9518	
92	02/24/2025	78	9103	6849	4845	352350	7607	
93	02/24/2025	78	9122	6813	4821	308074	6699	

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	12/27/2024
Job End Date:	02/24/2025
State:	West Virginia
County:	Marion
API Number:	47-049-02522-00-00
Operator Name:	EQT Production
Well Name and Number:	Carnegie 5H
Latitude:	39.523798
Longitude:	-80.436294
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7764
Total Base Water Volume (gal)*:	38410596
Total Base Non Water Volume:	0



Water Source	Percent
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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	EQT	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	88.69790	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.13888	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01684	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.01684	None
Clearal 268	ChemStream	Biocide					
			Water	7732-18-5	80.00000	0.00897	None

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StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Water	7732-18-5	15.00000	0.00237	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00138	None
Clearal 268	ChemStream	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00056	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Amine-00001	Proprietary	10.00000	0.00035	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00026	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			AA/ATBS Co-polymer	9003-05-8	5.00000	0.00002	None
Clearal 268	ChemStream	Biocide					
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Ethanol	64-17-5	1.50000	0.00000	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			AA/Maleic Anhydride Co- polymer	9003-04-7	1.00000	0.00000	None
RECEIVED Office Of Oil and Gas JUN 19 2025 1.00000 WV Department of Environmental Protection							
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS							

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

09/19/2025



Ben A. Shtak
P.S. 2092



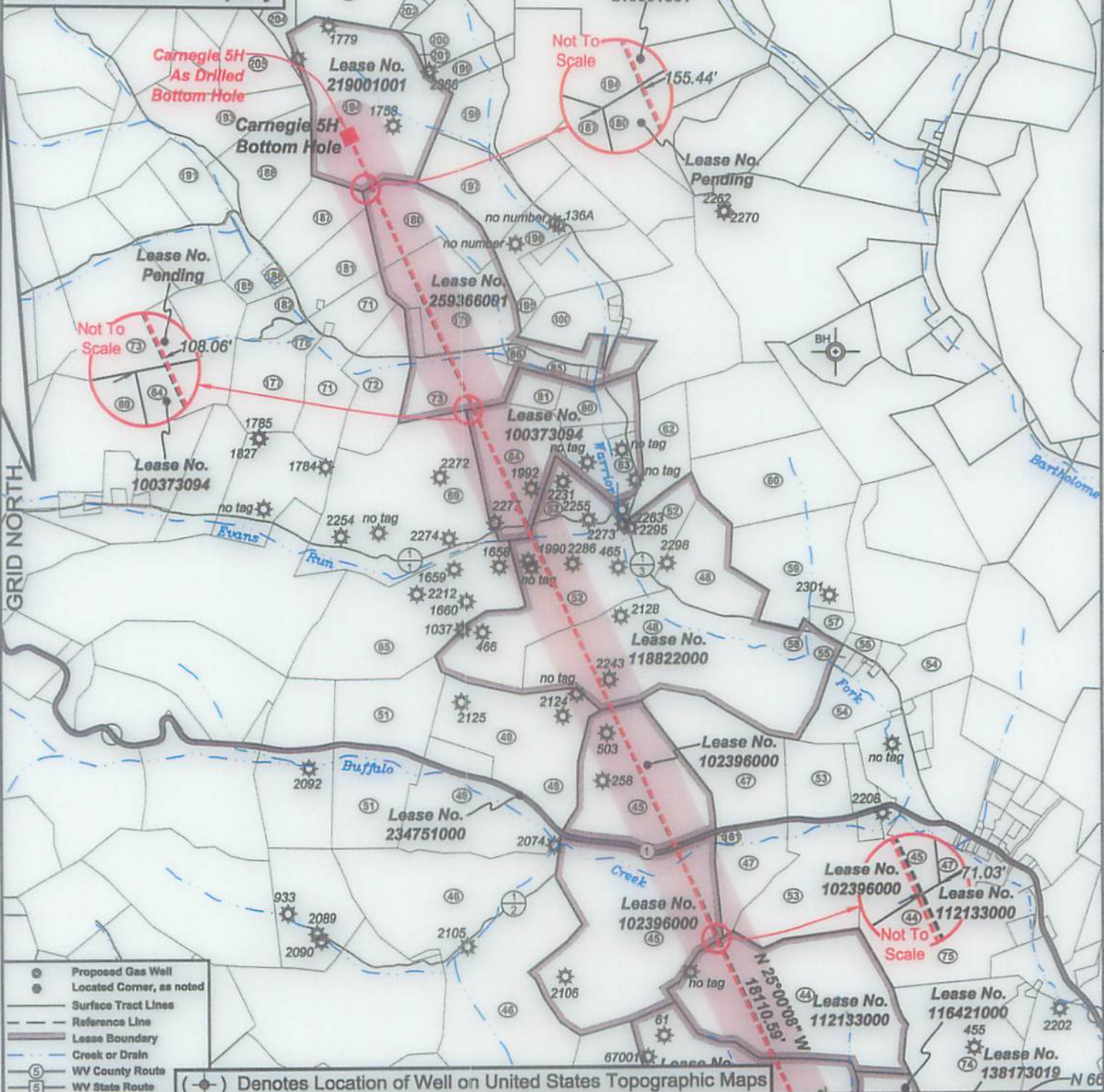
SEAL

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

DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 427 Midstate Drive
Clarksburg, WV 25301

BH: 3717' LAT: 39-35-00

BH: 5915' LONG: 80-27-30

**Carnegie 5H
Carnegie
EQT Production Company**

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. 2092



SEAL

FILE NO: 92-21

DRAWING NO: Carnegie 5H

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
1:2500PROVEN SOURCE OF ELEVATION:
NGS CORS Station**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION**

DATE: May 13 20 24

OPERATOR'S WELL NO.: Carnegie 5H

API WELL NO

47 - 049 - 02522
STATE COUNTY PERMITWELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: As-Built: 1318' WATERSHED Laurel Run of Owen Davy Fork QUADRANGLE: Glover Gap

DISTRICT: Mannington COUNTY: Marion

SURFACE OWNER: Jeanne A. Musgrave Akers & Joseph Forte

ACREAGE: 28.96

ROYALTY OWNER: Bounty Minerals, LLC, et al.

LEASE NO: 112106000 ACREAGE: 135

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: Lateral: Marcellus PH: Onondaga ESTIMATED DEPTH: Lateral: 7,712' PH: 7,851'

WELL OPERATOR: EQT Production Company

DESIGNATED AGENT: Joseph C. Mallow

ADDRESS: 400 Woodcliff Drive

ADDRESS: 427 Midstate Drive

Canonsburg, PA 15317

Clarksburg, WV 25301

09/19/2025

Carnegie 5H
Carnegie
EQT Production Company

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres	Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	43	39	Marion	Mannington	Jeanne A. Musgrave Akers & Joseph Forte	28.96	194	42	1	Marion	Mannington	E & N Properties LLC	90
2	44	37	Marion	Mannington	Equitron LP	51.5	195	42	9	Marion	Mannington	Jerry L. & Kimberly S. Rice	3.25
3	49	39.1	Marion	Mannington	Jeanne A. Musgrave Akers & Joseph Forte	23.9	196	42	12	Marion	Mannington	Naomi V. Eddy	12.15
4	49	40	Marion	Mannington	Marshall & Dick Cartright	36	197	42	13.1	Marion	Mannington	E & N Properties LLC	29.49
5	50	14	Marion	Mannington	Melvin L. Gooch Sr.	28	198	42	36.1	Marion	Mannington	E & N Properties LLC	14.04
6	50	15	Marion	Mannington	Perry R. & Janice M. Thorne	5.81	199	42	45	Marion	Mannington	William H. Parrish	8.4
7	50	16	Marion	Mannington	Richard H. & Lucy M. Lambert	0.46	200	42	39	Marion	Mannington	William H. Parrish	35.25
8	50	17	Marion	Mannington	Jason H. & Brandy L. Dulaon	0.32	201	42	38	Marion	Mannington	William H. Parrish	0.92
9	48	13	Marion	Mannington	Harlen O. & Diana S. Batson	1.1	202	42	40	Marion	Mannington	William H. Parrish	7.25
10	48	13.2	Marion	Mannington	Dustin Earl	0.73	203	42	32	Marion	Mannington	Tiffany L. Miller	60.56
11	48	13.1	Marion	Mannington	Gary A. & Sheila D. Earl	7.07	204	42	31.5	Marion	Mannington	Christian & Katherine Del Toro	11.04
12	48	14	Marion	Mannington	Roger L. & Pauline A. Eshelman	25.09	205	43	16	Marion	Mannington	Raymond A. Joy & Johnna Phillips	28
13	48	15	Marion	Mannington	Flmoy D. & Aldin R. Durson	23.5	300	42	8	Marion	Mannington	Edward L. Morris	17.47
14	48	16	Marion	Mannington	William E. Crigler	5.5							
15	44	36	Marion	Mannington	Frederic R. & Kimberly P. Sveder	16.25							
16	43	35	Marion	Mannington	Trustees Mannington Church of Christ	13							
17	49	38	Marion	Mannington	Thomas B. Wright	30							
18	48	12	Marion	Mannington	Harlen O. & Diana S. Batson	0.45							
19	50	18	Marion	Mannington	Brenda D. Stull	4.546							
20	50	19.1	Marion	Mannington	Brenda D. Stull	0.873							
21	48	11	Marion	Mannington	Carrollville Coal Company	17.5							
24	48	8	Marion	Mannington	Timothy & Tonya Haught	18.18							
35	48	5	Marion	Mannington	Marion County Coal Resources Inc.	45.83							
36	48	17	Marion	Mannington	George A. & Ada D. Stahl	117.5							
37	50	21	Marion	Mannington	Marion County Coal Resources Inc.	30.59							
38	48	4	Marion	Mannington	Mark A. Ramon	57							
39	48	11.1	Marion	Mannington	George A. & Ada D. Stahl	2.5							
40	49	23	Marion	Mannington	Mike Ross Inc	51.54							
41	48	18	Marion	Mannington	Jason D. Beatty, et al.	101.25							
42	48	7	Marion	Mannington	EQT Production Company	40							
43	48	1	Marion	Mannington	David L. & Karla A. James	56.5							
44	48	19	Marion	Mannington	Dennis I. & Denise D. Spangnagle	105.45							
45	45	8	Marion	Mannington	Sharon A. Grim	185.959							
46	45	5	Marion	Mannington	Billy I. Herndon	182.04							
47	44	34	Marion	Mannington	Billy E. & Cheryl A. Garrison	74.93							
48	44	37	Marion	Mannington	Privilla A. Hamilton	157.3							
49	45	9	Marion	Mannington	Jeffrey B. & Pamela J. Gray	107.277							
51	45	10	Marion	Mannington	Lisa A. & Baron H. Powell	88							
52	45	71	Marion	Mannington	Vickie F. Lucas	103.194							
53	44	33	Marion	Mannington	Katherine Reese	90.12							
54	44	76	Marion	Mannington	Charles P. & Kathy R. Glover	41.05							
55	44	36	Marion	Mannington	Raymond M. & Carrie D. Booth	1.4							
56	44	73	Marion	Mannington	Michael B. Abruzzo & Michelle A. Smith	7.35							
57	44	22.2	Marion	Mannington	Joseph A. Luckar	5							
58	44	72.1	Marion	Mannington	Eugene C. & Helen T. Serafini	0.675							
59	44	22	Marion	Mannington	Joseph A. Tucker	45							
60	44	71	Marion	Mannington	Jourphi A. Tucker	50							
62	44	19	Marion	Mannington	Vickie E. Lucas	24.937							
63	44	39	Marion	Mannington	Dawn K. Jones	72.79							
64	45	22	Marion	Mannington	Thomas L. Snodgrass	44.43							
65	45	20	Marion	Mannington	EQT Production Company	78.5							
68	45	23	Marion	Mannington	Thomas L. Snodgrass	105.5							
71	43	2	Marion	Mannington	Gary E. & Alice E. Young	37.2							
72	43	1	Marion	Mannington	Wilbert & Alberta Higgins	37.5							
73	42	7	Marion	Mannington	Sharon A. Grim	33							
74	49	37.1	Marion	Mannington	Mike Ross Inc	58.17							
75	49	31	Marion	Mannington	Samuel M. & Rosemary A. Snodgrass	50.08							
80	44	47	Marion	Mannington	Reiner Fike, et al.	17.36							
81	44	40	Marion	Mannington	No Parcel Info Available	NA							
85	44	41	Marion	Mannington	Paul & Carol Fravel	16.25							
86	44	41.3	Marion	Mannington	Wayman & Linda Fravel	1.96							
100	50	15.1	Marion	Mannington	Harrison County Coal Resources Inc.	18.47							
161	45	8.1	Marion	Mannington	Mannington Public Service District	0.04							
177	43	4	Marion	Mannington	Gary W. Snider	77							
178	43	3	Marion	Mannington	Gary W. Snider	6.4							
179	42	6	Marion	Mannington	Monica J. & Randal W. Valentine	46.384							
180	47	5	Marion	Mannington	Imais I. Chavagne	38.4							
181	42	4	Marion	Mannington	Handy & Joann Mayhew	21.31							
182	43	6	Marion	Mannington	Robert K. & Yvonne L. Lane	9.71							
186	43	6.2	Marion	Mannington	Thomas A. & Betty L. Heldreth	9.524							
187	43	5.1	Marion	Mannington	Thomas A. & Betty L. Heldreth	1.676							
187	42	3	Marion	Mannington	Dale & Velma J. Watson	21.32							
188	47	7	Marion	Mannington	Dale & Velma J. Watson	78							
191	43	13	Marion	Mannington	Thomas A. & Betty L. Heldreth	15.72							
193	43	15	Marion	Mannington	Thomas W. Neer	40.75							



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. 2092



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 5H
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: May 13 20 24
OPERATOR'S WELL NO.: Carnegie 5H
API WELL NO
47 - 049 - 02522
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: As-Built: 1318' WATERSHED: Laurel Run of Owen Davy Fork QUADRANGLE: Glover Gap
DISTRICT: Mannington COUNTY: Marion

SURFACE OWNER: Jeanne A. Musgrave Akers & Joseph Forte ACREAGE: 28.96
ROYALTY OWNER: Bounty Minerals, LLC, et al. LEASE NO: 112106000 ACREAGE: 135

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: Lateral: Marcellus PH: Onondaga ESTIMATED DEPTH: Lateral: 7,712' PH: 7,851'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 25301

Carnegie 5H
Carnegie
EQT Production Company

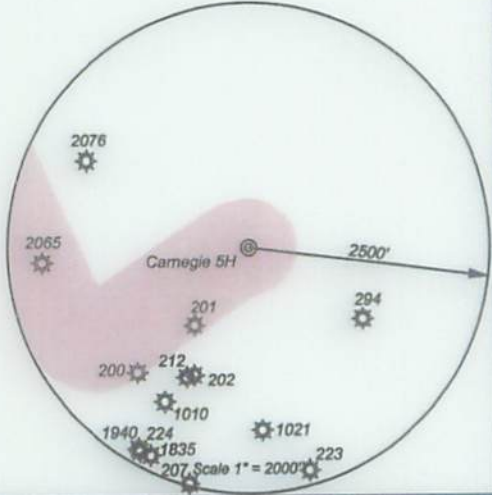
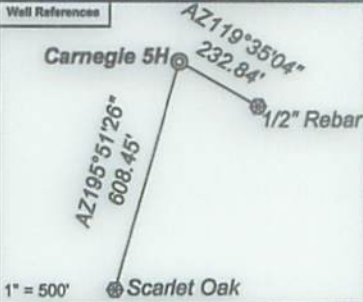
Lease No.	Owner	Acres
112106000	Bounty Minerals, LLC, et al.	135
112107000	EQT Production Company, et al.	81
116702000	CNX Gas Company LLC, et al.	123
138173019	Mike Ross, Inc., et al.	16.5
116421000	Consolidation Coal Company, et al.	32
132284000	Jason D. Beaty, et al.	105
112133000	AMP IV, LP	108
102396000	Bounty Minerals, LLC	186
234751000	West Virginia Department of Transportation, Division of Highways	46.66
118822000	John M. Bachman, et al.	260.4
100373094	Lou Ellen Brumage, et al.	93.23
259366001	Country Roads Minerals, LLC, et al.	143
219001001	Country Roads Minerals, LLC, et al.	90

As Drilled Well Information:
Carnegie 5H coordinates are
NAD 27 N: 374,234.96 E: 1,735,831.28
NAD 83 UTM N: 4,375,057.36 E: 548,450.50
Carnegie 5H Pilot Bottom Hole coordinates are
NAD 27 N: 373,277.57 E: 1,734,323.13
NAD 83 UTM N: 4,374,758.01 E: 547,995.87
Carnegie 5H Landing Point coordinates are
NAD 27 N: 373,956.47 E: 1,733,670.50
NAD 83 UTM N: 4,374,961.53 E: 547,793.60
Carnegie 5H Bottom Hole coordinates are
NAD 27 N: 360,139.78 E: 1,726,121.06
NAD 83 UTM N: 4,379,853.64 E: 545,411.48
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.

Carnegie

- ⊙ Carnegie 19H
- ⊙ Carnegie 17H
- ⊙ Carnegie 15H
- ⊙ Carnegie 13H
- ⊙ Carnegie 11H
- ⊙ Carnegie 9H
- ⊙ Carnegie 7H
- ⊙ Carnegie 5H
- ⊙ Carnegie 3H
- ⊙ Carnegie 1H

Well References



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