

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

JUN 19 2025

WV Department of
Environmental Protection

API 47-049-02523 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 7H (L003707)
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 U1, 18'
Top hole Northing 4,375,061.85 Easting 548,451.37
Landing Point of Curve Northing 4,375,118.91 Easting 548,062.87
Bottom Hole Northing 4,379,987.20 Easting 545,685.93

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 13.61 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 12/04/2023 Date drilling commenced 01/04/2024 Date drilling ceased 05/28/2024
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 1855' 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:

Al 8-25-2025

APPROVED

09/19/2025

WR-35
Rev. 8/23/13

Page ___ of ___

API 47- 049 02523

Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 7H (L003707)

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"	1111'	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"	26,307'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details _____

Production cmt has calculated TOC of 1094'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	1030	16.0	1.09	1123	0	8
Coal							
Intermediate 1	CLASS A	1045	16.5	1.04	1087	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4320	15.0	1.19	5141	1094'	8+
Tubing							

Drillers TD (ft) 26,330'

Loggers TD (ft) N/A

Deepest formation penetrated MARCELLUS

Plug back to (ft) N/A

Plug back procedure _____

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Kick off depth (ft) 2787'

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 8351', EVERY JOINT TO 7258' AND EVERY OTHER JOINT TO 2089'

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 _____

09/19/2025

Well number Carnegie 7H (L003707)

[illegible]

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[illegible]

09/19/2025

Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 7H (L003707)

[illegible]

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

JP 8-25-2025

09/19/2025

API 47- 049 - 02523 Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 7H (L003707)

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 _____

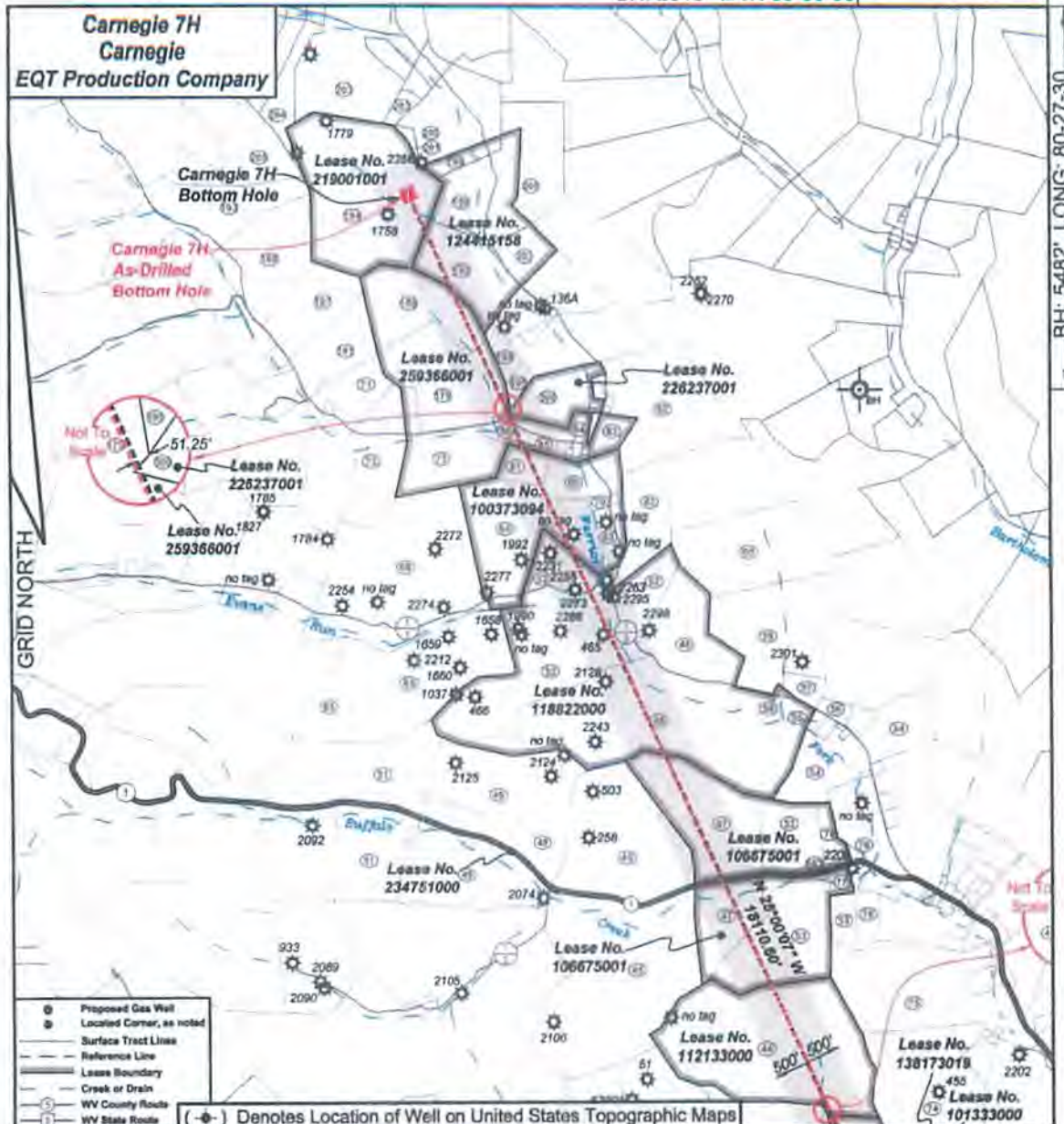
Address _____ City _____ State _____ Zip _____

Well # CARNEGIE 7H Final Formations API# 47-049-02523				
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	3,063
50F	3,063	3,063	3,144	3,144
Sand/Shale	3,144	3,144	3,228	3,228
Fifth Sand	3,228	3,228	3,248	3,248
Sand/Shale	3,248	3,248	3,338	3,338
Bayard	3,338	3,338	3,370	3,370
Sand/Shale	3,370	3,370	5,735	5,666
Alexander	5,735	5,666	5,785	5,714
Sand/Shale	5,785	5,714	6,107	6,023
Elks	6,107	6,023	7,280	7,143
Sonyea	7,280	7,143	7,484	7,332
Middlesex	7,484	7,332	7,567	7,402
Genesee	7,567	7,402	7,695	7,498
Geneseo	7,695	7,498	7,754	7,537
Tully	7,754	7,537	7,828	7,580
Hamilton	7,828	7,580	8,086	7,678
Marcellus	8,086	7,678	26,330	7,736

09/19/2025

BH: 2815' LAT: 39-35-00

BH: 5482' LONG: 80-27-30



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.

B. A. State
P.S. 2092



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 7H
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

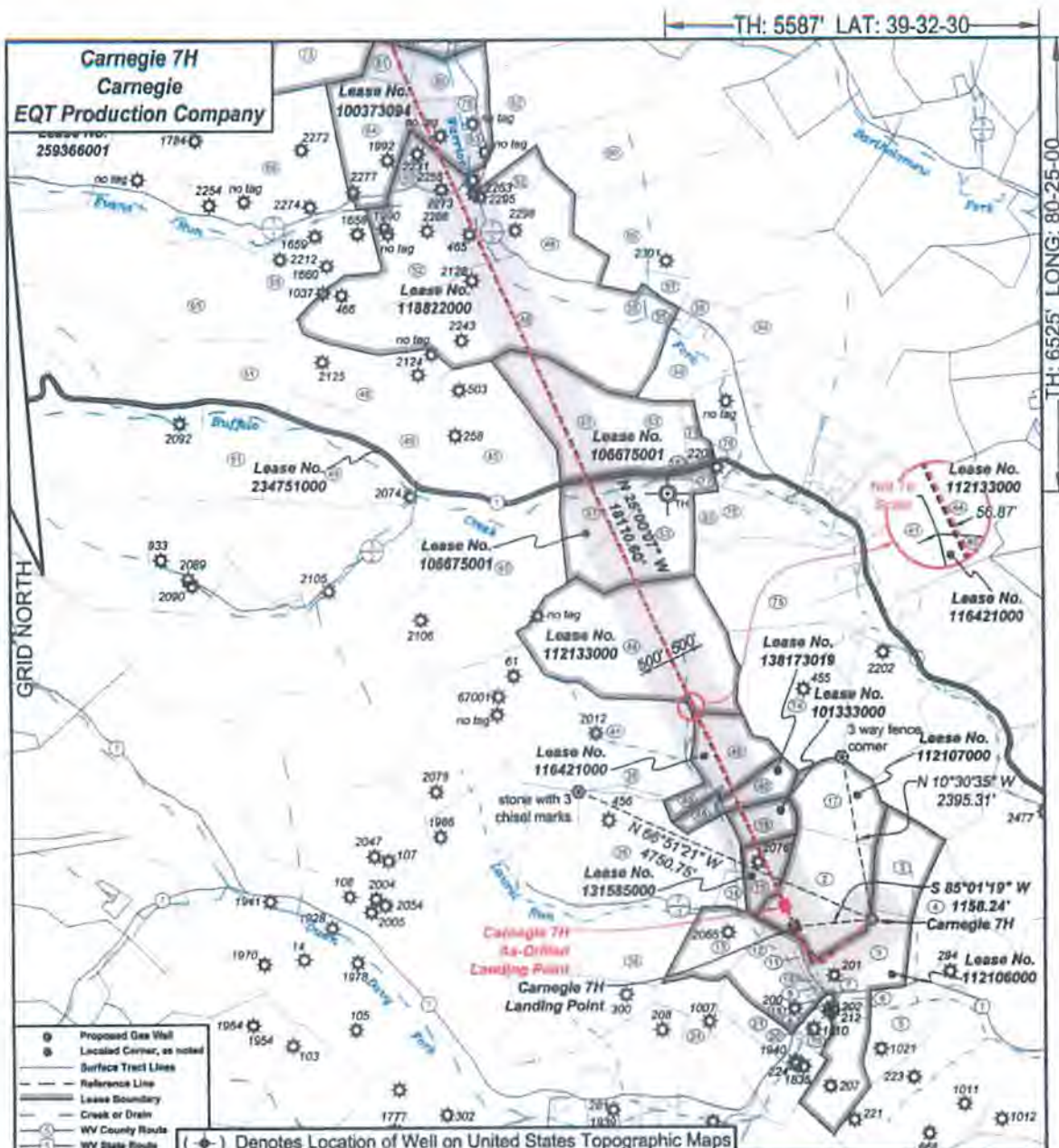
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: June 03 20 24
OPERATOR'S WELL NO: Carnegie 7H
API WELL NO
47 049 02523
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 Day 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: 112108000 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: Marcellus ESTIMATED DEPTH: 7712'

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



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47 049 02523
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09/19/2025

Carnegie 7H Carnegie EQT Production Company		As Drilled Well Information: Carnegie 7H coordinates are: NAD 27 N: 374,249.64 E: 1,735,834.38 NAD 83 UTM N: 4,375,081.65 E: 548,451.37 Carnegie 7H Landing Point coordinates are: NAD 27 N: 374,458.64 E: 1,734,533.14 NAD 83 UTM N: 4,375,116.91 E: 548,053.87 Carnegie 7H Bottom Hole coordinates are: NAD 27 N: 390,562.99 E: 1,727,026.93 NAD 83 UTM N: 4,379,987.20 E: 545,885.93 West Virginia Coordinate system of 1927 (North Zone) based upon Differential GPS Measurements. Plat orientation, corner and well feet 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>131585000</td><td>EQT Production Company</td><td>17</td></tr> <tr><td>101333000</td><td>Mannington Church of Christ</td><td>13</td></tr> <tr><td>138173019</td><td>Mike Rose, 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>112133000</td><td>AMP IV, LP</td><td>106</td></tr> <tr><td>108675001</td><td>Ann A. Kessler, et al.</td><td>158.76</td></tr> <tr><td>234751000</td><td>West Virginia Department of Transportation, Division of Highways</td><td>46.86</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>259360001</td><td>Country Roads Minerals, LLC, et al.</td><td>143</td></tr> <tr><td>226237001</td><td>Priscilla J. Vincent, et al.</td><td>18.02</td></tr> <tr><td>124415158</td><td>Christ Episcopal Church, et al.</td><td>78.8</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	131585000	EQT Production Company	17	101333000	Mannington Church of Christ	13	138173019	Mike Rose, Inc., et al.	16.5	116421000	Consolidation Coal Company, et al.	32	112133000	AMP IV, LP	106	108675001	Ann A. Kessler, et al.	158.76	234751000	West Virginia Department of Transportation, Division of Highways	46.86	118822000	John M. Bachman, et al.	200.4	100373094	Lou Ellen Brumage, et al.	93.23	259360001	Country Roads Minerals, LLC, et al.	143	226237001	Priscilla J. Vincent, et al.	18.02	124415158	Christ Episcopal Church, et al.	78.8	219001001	Country Roads Minerals LLC, et al.	90	Carnegie ① Carnegie 19H ② Carnegie 17H ③ Carnegie 15H ④ Carnegie 13H ⑤ Carnegie 11H ⑥ Carnegie 9H ⑦ Carnegie 7H ⑧ Carnegie 5H ⑨ Carnegie 3H ⑩ Carnegie 1H Well References 		
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Perforation Data

Stage No.	Perforation Date	Stage Perforated From TMD FL	Stage Perforated To TMD FL	# of Perforations/Stage	Formation(s)
2	12/27/2024	26220	26060	36	Marcellus
3	12/28/2024	26041	25881	36	Marcellus
4	12/28/2024	25862	25703	36	Marcellus
5	12/28/2024	25684	25524	36	Marcellus
6	12/28/2024	25505	25345	36	Marcellus
7	12/29/2024	25326	25167	36	Marcellus
8	12/29/2024	25148	24988	36	Marcellus
9	12/29/2024	24969	24790	40	Marcellus
10	12/29/2024	24771	24591	40	Marcellus
11	12/30/2024	24572	24393	40	Marcellus
12	12/30/2024	24374	24194	40	Marcellus
13	12/30/2024	24175	23986	40	Marcellus
14	12/30/2024	23977	23797	40	Marcellus
15	12/31/2024	23778	23599	40	Marcellus
16	12/31/2024	23590	23400	40	Marcellus
17	12/31/2024	23391	23202	40	Marcellus
18	01/01/2025	23183	23003	40	Marcellus
19	01/01/2025	22984	22805	40	Marcellus
20	01/01/2025	22786	22606	40	Marcellus
21	01/02/2025	22587	22408	40	Marcellus
22	01/02/2025	22389	22209	40	Marcellus
23	01/02/2025	22190	22011	40	Marcellus
24	01/02/2025	21992	21812	40	Marcellus
25	01/03/2025	21793	21614	40	Marcellus
26	01/03/2025	21595	21415	40	Marcellus
27	01/03/2025	21396	21217	40	Marcellus
28	01/04/2025	21198	21018	40	Marcellus
29	01/05/2025	20999	20820	40	Marcellus
30	01/05/2025	20801	20621	40	Marcellus
31	01/05/2025	20602	20423	40	Marcellus
32	01/05/2025	20404	20224	40	Marcellus
33	01/07/2025	20205	20026	40	Marcellus
34	01/07/2025	20007	19827	40	Marcellus
35	01/07/2025	19808	19629	40	Marcellus
36	01/08/2025	19610	19430	40	Marcellus
37	01/08/2025	19411	19232	40	Marcellus
38	01/08/2025	19213	19033	40	Marcellus
39	01/08/2025	19014	18835	40	Marcellus
40	01/08/2025	18816	18636	40	Marcellus
41	01/09/2025	18617	18438	40	Marcellus
42	01/10/2025	18419	18239	40	Marcellus

09/19/2025

43	01/10/2025	18220	18041	40	Marcellus
44	01/10/2025	18022	17842	40	Marcellus
45	01/10/2025	17823	17644	40	Marcellus
46	01/11/2025	17625	17445	40	Marcellus
47	01/11/2025	17426	17247	40	Marcellus
48	01/11/2025	17228	17048	40	Marcellus
49	01/11/2025	17029	16850	40	Marcellus
50	01/12/2025	16831	16651	40	Marcellus
51	01/12/2025	16632	16453	40	Marcellus
52	01/12/2025	16434	16254	40	Marcellus
53	01/12/2025	16235	16056	40	Marcellus
54	01/13/2025	16037	15857	40	Marcellus
55	01/13/2025	15838	15659	40	Marcellus
56	01/13/2025	15640	15460	40	Marcellus
57	01/13/2025	15441	15262	40	Marcellus
58	01/14/2025	15243	15063	40	Marcellus
59	01/14/2025	15044	14865	40	Marcellus
60	01/14/2025	14846	14666	40	Marcellus
61	01/14/2025	14647	14468	40	Marcellus
62	01/15/2025	14449	14269	40	Marcellus
63	01/15/2025	14250	14071	40	Marcellus
64	01/15/2025	14052	13872	40	Marcellus
65	01/15/2025	13853	13674	40	Marcellus
66	01/15/2025	13655	13475	40	Marcellus
67	01/15/2025	13456	13277	40	Marcellus
68	01/16/2025	13258	13078	40	Marcellus
69	01/16/2025	13059	12880	40	Marcellus
70	01/16/2025	12861	12681	40	Marcellus
71	01/16/2025	12662	12483	40	Marcellus
72	01/16/2025	12464	12284	40	Marcellus
73	01/16/2025	12265	12086	40	Marcellus
74	01/17/2025	12067	11887	40	Marcellus
75	01/17/2025	11868	11689	40	Marcellus
76	01/17/2025	11670	11490	40	Marcellus
77	01/18/2025	11471	11292	40	Marcellus
78	01/19/2025	11273	11093	40	Marcellus
79	01/19/2025	11074	10895	40	Marcellus
80	01/21/2025	10876	10696	40	Marcellus
81	01/21/2025	10677	10498	40	Marcellus
82	01/21/2025	10479	10299	40	Marcellus
83	01/22/2025	10280	10101	40	Marcellus
84	01/22/2025	10082	9902	40	Marcellus
85	01/22/2025	9883	9704	40	Marcellus
86	01/22/2025	9685	9505	40	Marcellus
87	01/23/2025	9486	9307	40	Marcellus

09/19/2025

88	01/23/2025	9288	9108	40	Marcellus
89	01/23/2025	9089	8910	40	Marcellus
90	01/23/2025	8891	8711	40	Marcellus
91	01/24/2025	8692	8513	40	Marcellus
92	01/24/2025	8494	8314	40	Marcellus
93	01/24/2025	8295	8116	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	12/27/2024	87	9132	8085	5818	176267	4363,000	
2	12/28/2024	94	9148	7279	4744	397119	9403,000	
3	12/28/2024	91	9123	6944	5046	396145	9313,000	
4	12/28/2024	91	8192	7029	5854	396153	9323,000	
5	12/29/2024	99	9060	6814	5811	396939	9271,000	
6	12/29/2024	87	9211	6803	4858	396166	9284,000	
7	12/29/2024	87	9146	6717	5219	396120	10312,000	
8	12/29/2024	90	9237	6441	4604	396346	9257,000	
9	12/30/2024	97	9216	6220	6199	442088	10264,000	
10	12/30/2024	92	9214	6623	4921	440002	10258,000	
11	12/30/2024	92	9240	6216	4861	440203	10360,000	
12	12/30/2024	98	9245	6265	9087	439047	10235,000	
13	12/31/2024	93	9057	6335	4524	439561	11439,000	
14	12/31/2024	92	9220	5704	5002	440087	10193,000	
15	12/31/2024	90	9255	6177	4772	441089	10141,735	
16	01/01/2025	96	9219	6504	4768	441921	10247,000	
17	01/01/2025	96	9226	5985	5042	440907	10183,000	
18	01/01/2025	93	9241	5652	5431	440097	10188,000	
19	01/01/2025	99	9200	5810	5420	440631	10174,000	
20	01/02/2025	99	9215	5962	4819	440224	10202,000	
21	01/02/2025	95	9237	5670	5063	440117	10137,000	
22	01/02/2025	98	9150	5874	4896	440061	10122,000	
23	01/03/2025	100	9043	6170	5071	440510	10037,000	
24	01/03/2025	100	9008	6078	5274	440671	10104,000	
25	01/03/2025	100	9120	5929	5186	440025	10120,000	
26	01/04/2025	97	9132	6138	5239	440446	10119,000	
27	01/05/2025	100	9020	6286	6968	439860	10085,000	
28	01/05/2025	100	9012	6062	5806	440556	10115,000	
29	01/05/2025	100	9071	6072	5788	440149	10080,000	
30	01/05/2025	100	8961	5784	5528	440161	9983,000	
31	01/05/2025	100	8988	5865	5618	440127	10093,000	
32	01/07/2025	101	8758	5573	5353	440482	10610,000	
33	01/08/2025	100	9030	6190	5246	440527	10109,000	
34	01/08/2025	100	8886	6523	5404	440552	10098,000	
35	01/08/2025	100	8912	6452	5293	440525	10070,000	
36	01/08/2025	100	8946	5680	5979	440027	10048,000	
37	01/08/2025	100	9005	5673	5306	440149	10067,000	
38	01/08/2025	98	8863	5601	5454	440626	10084,000	
39	01/09/2025	100	8852	6086	5476	440467	10060,000	
40	01/09/2025	100	8651	6288	5247	440474	10091,000	
41	01/10/2025	96	8446	6099	5837	440535	12088,000	

09/19/2025

42	01/10/2025	99	8767	6186	5717	440583	10045.000
43	01/10/2025	100	8977	6094	5961	440794	10044.000
44	01/11/2025	100	8828	6126	5809	440892	9999.000
45	01/11/2025	100	8676	6091	5542	440399	10042.000
46	01/11/2025	100	8603	6350	5485	440984	9922.356
47	01/12/2025	100	8699	6414	5586	440465	10016.000
48	01/12/2025	100	8916	6699	6039	440420	9974.000
49	01/12/2025	99	8842	6253	5830	440159	9988.000
50	01/12/2025	100	8798	6369	5765	440246	9989.000
51	01/12/2025	100	8685	6550	5953	440250	9965.000
52	01/13/2025	100	8786	6328	5759	440349	9937.000
53	01/13/2025	100	8585	6220	5576	440279	10008.000
54	01/13/2025	100	8908	6620	5435	440164	9948.000
55	01/13/2025	100	8713	6362	5726	440566	9957.000
56	01/14/2025	100	8625	6335	5527	440336	9935.000
57	01/14/2025	100	8508	6203	5508	440107	9912.000
58	01/14/2025	100	8816	6352	5239	440072	9884.000
59	01/14/2025	100	8843	6440	5664	440523	9857.000
60	01/15/2025	100	8759	6323	5456	440407	9880.000
61	01/15/2025	100	8601	6198	5591	440038	9914.000
62	01/15/2025	100	8362	6128	5688	440404	9904.000
63	01/15/2025	100	8349	6534	5689	440031	9875.000
64	01/15/2025	100	8179	6469	5727	438686	9823.000
65	01/16/2025	100	8411	6149	5786	440512	9842.000
66	01/16/2025	100	8355	6259	5893	439987	9845.000
67	01/16/2025	100	8307	6004	5862	440127	9823.000
68	01/16/2025	100	8021	6497	5432	440379	9799.000
69	01/16/2025	99	8403	6285	5407	440017	9795.000
70	01/16/2025	100	8037	6250	5694	440072	9787.000
71	01/16/2025	100	8399	6407	5332	440089	9776.000
72	01/17/2025	100	8559	6508	5755	440238	9786.000
73	01/17/2025	100	8338	6475	5615	439969	10168.000
74	01/17/2025	100	8208	6357	5624	440945	9780.000
75	01/18/2025	100	8253	6544	5111	439781	9753.000
76	01/18/2025	100	8373	6455	5649	440101	9754.000
77	01/19/2025	100	8462	6683	5287	439896	9719.000
78	01/19/2025	100	8115	6520	5741	441372	9743.000
79	01/21/2025	100	8329	6893	5955	439979	9737.000
80	01/22/2025	100	8211	6522	5861	440194	9750.000
81	01/22/2025	100	8311	6570	5344	440211	9719.000
82	01/22/2025	100	8043	6392	5254	440954	9714.000
83	01/22/2025	100	7866	6191	5696	440721	9699.000
84	01/22/2025	100	7833	6376	5474	440085	9686.000
85	01/22/2025	100	8007	6012	5756	441220	9681.000
86	01/23/2025	100	7892	6315	5709	440614	9552.000

09/19/2025

87	01/23/2025	100	7998	6141	5872	440107	9644.000	
88	01/23/2025	100	7915	6370	5526	440073	9657.000	
89	01/23/2025	100	8004	5930	5868	439964	9678.000	
90	01/24/2025	100	8031	5601	0	440013	9583.000	
91	01/24/2025	100	8136	6266	5554	440491	9615.000	
92	01/24/2025	100	7700	5935	5850	440063	9633.000	
93	01/24/2025	99	8403	6462	7594	440298	9621.000	

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	12/27/2024
Job End Date:	01/24/2025
State:	West Virginia
County:	Marion
API Number:	47-049-02523-00-00
Operator Name:	EQT Production
Well Name and Number:	Carnegie 7H
Latitude:	39.523839
Longitude:	-80.436284
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7764
Total Base Water Volume (gal)*:	38635299.822
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	88.71421	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.11083	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01892	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.01892	None
Clearal 268	ChemStream	Biocide					
			Water	7732-18-5	80.00000	0.00899	None

09/19/2025

StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Water	7732-18-5	15.00000	0.00266	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00133	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	0.00033	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00030	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

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.

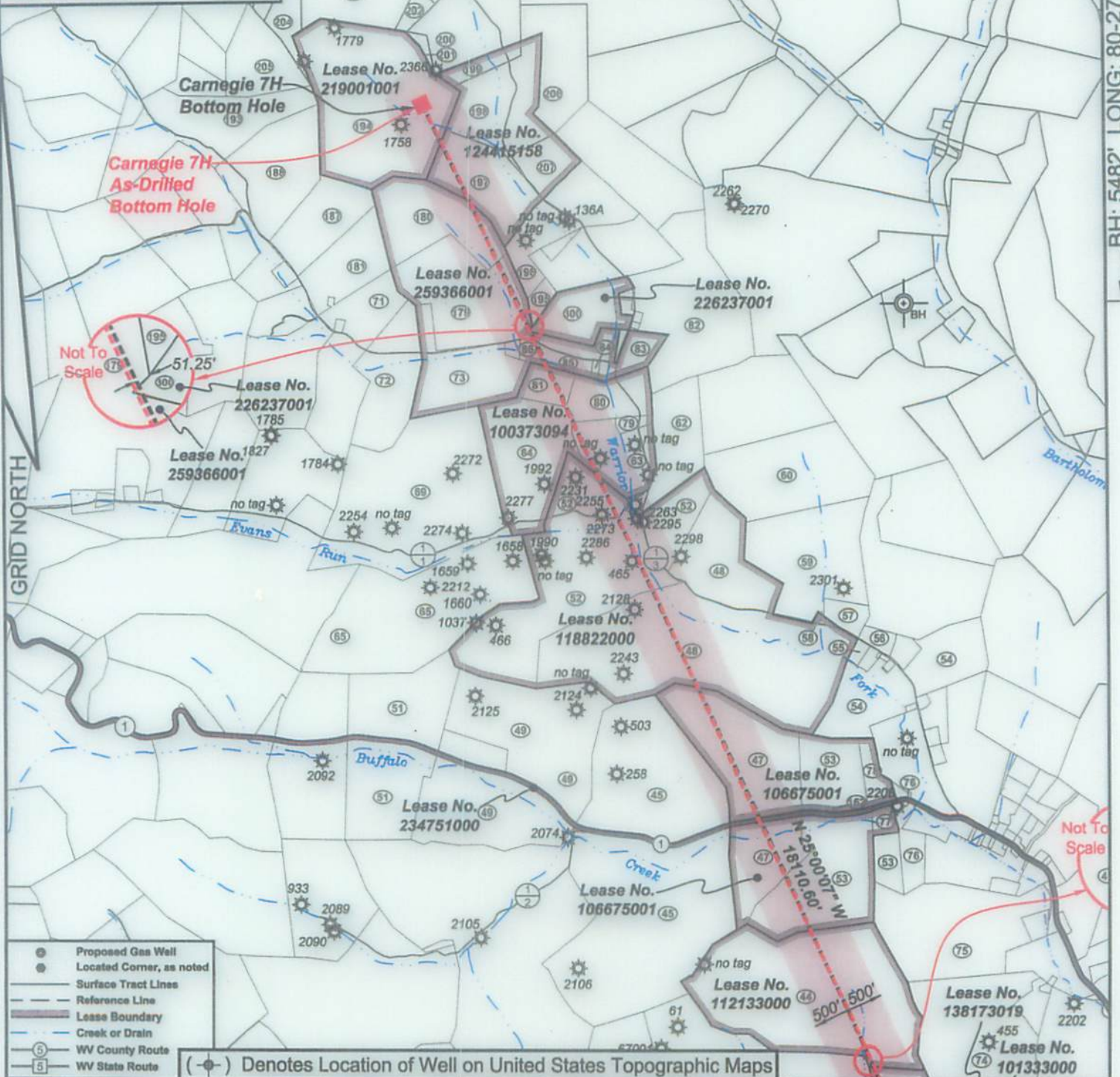
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

RECEIVED
Office of Oil and Gas
JUN 19 2025
WV Department of
Environmental Protection

09/19/2025

BH: 2815' LAT: 39-35-00

BH: 5482' LONG: 80-27-30

**Carnegie 7H
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 7H

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: June 03 20 24

OPERATOR'S WELL NO.: Carnegie 7H

API WELL NO

47 - 049 - 02523
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: Marcellus ESTIMATED DEPTH: 7712'

WELL OPERATOR: EQT Production Company

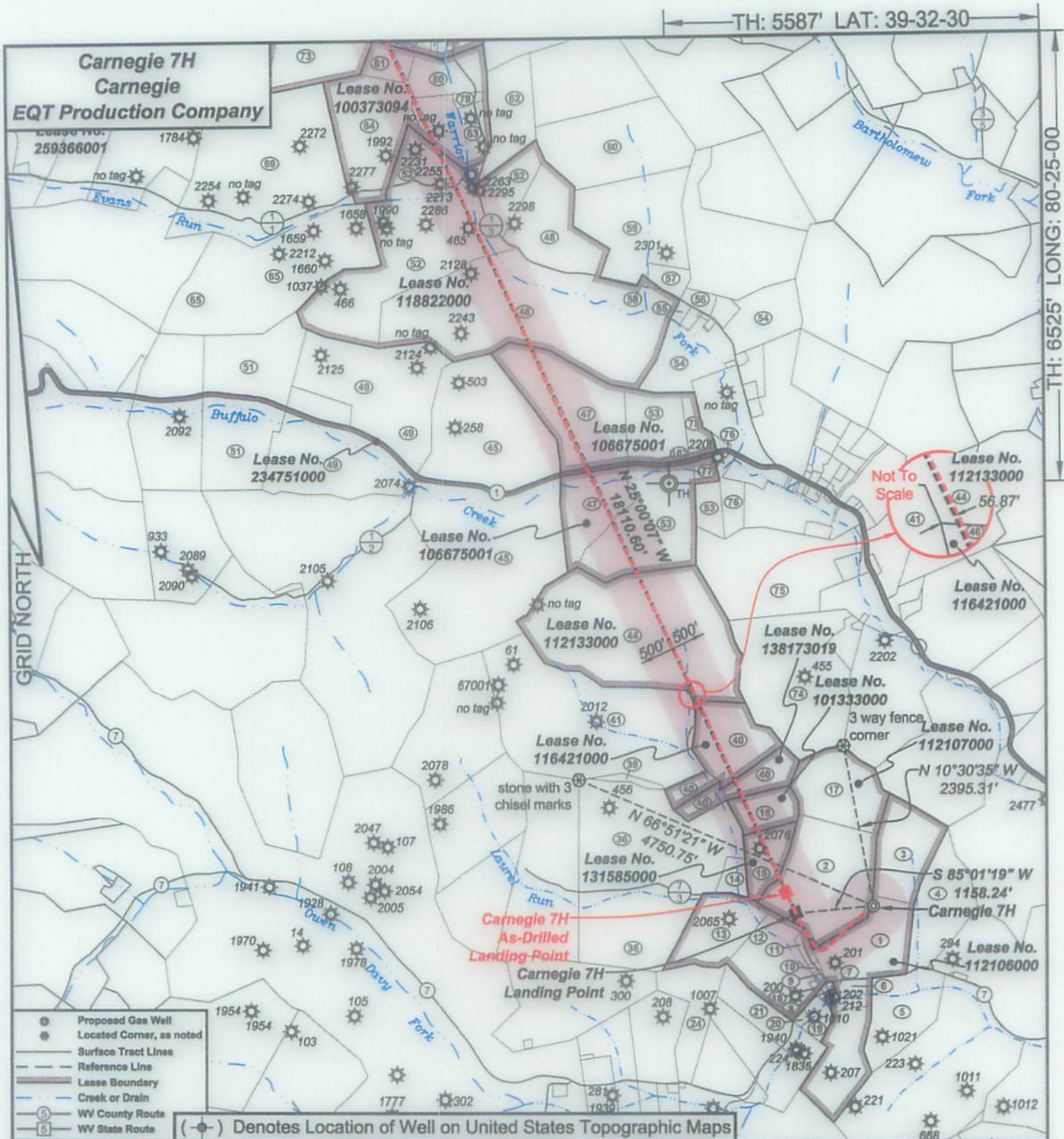
DESIGNATED AGENT: Joseph C. Mallow

ADDRESS: 400 Woodcliff Drive

ADDRESS: 427 Midstate Drive

Canonsburg, PA 15317

Clarksburg, WV 25301



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



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

DATE: June 03 20 24
OPERATOR'S WELL NO.: Carnegie 7H
API WELL NO
47 - 049 - 02523
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

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☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7712'

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Carnegie 7H
Carnegie
EQT Production Company

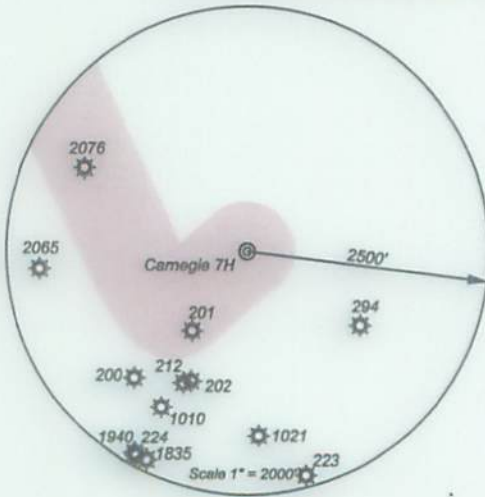
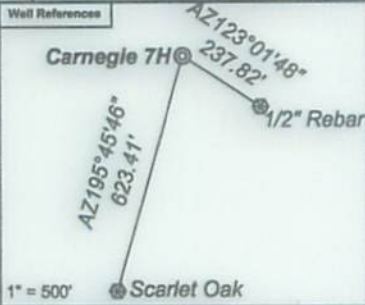
Lease No.	Owner	Acres
112106000	Bounty Minerals, LLC, et al.	135
112107000	EQT Production Company, et al.	81
131585000	EQT Production Company	17
101333000	Mannington Church of Christ	13
138173019	Mike Ross, Inc., et al.	16.5
116421000	Consolidation Coal Company, et al.	32
112133000	AMP IV, LP	106
106675001	Ann A. Kessler, et al.	158.76
234751000	West Virginia Department of Transportation, Division of Highways	46.86
118622000	John M. Bachman, et al.	260.4
100373094	Lou Ellen Brumage, et al.	93.23
259366001	Country Roads Minerals, LLC, et al.	143
226237001	Priscilla J. Vincent, et al.	18.02
124415158	Christ Episcopal Church, et al.	78.6
219001001	Country Roads Minerals LLC, et al.	90

As Drilled Well Information:
Carnegie 7H coordinates are
NAD 27 N: 374,249.64 E: 1,735,834.38
NAD 83 UTM N: 4,375,061.85 E: 548,451.37
Carnegie 7H Landing Point coordinates are
NAD 27 N: 374,458.64 E: 1,734,533.14
NAD 83 UTM N: 4,375,118.91 E: 548,053.87
Carnegie 7H Bottom Hole coordinates are
NAD 27 N: 390,562.99 E: 1,727,028.93
NAD 83 UTM N: 4,379,987.20 E: 545,685.93
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



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.

[Signature]
P.S. 2092



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47 - 049 - 02523
STATE COUNTY PERMIT

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