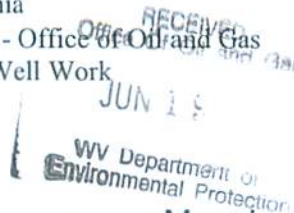


State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work



API 47 - 049 - 02529 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 19H (L004640)
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 4,375,088.77 Easting 548,456.59
Landing Point of Curve Northing 4,375,898.18 Easting 549,712.53
Bottom Hole Northing 4,379,447.66 Easting 547,981.13

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 13.67 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 01/06/2024 Date drilling ceased 07/09/2024
Date completion activities began 12/06/2024 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 1816' 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:

JP 8.25-2025

APPROVED

09/19/2025

API 47- 049 02529 Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 19H (L004640)

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"	1080'	NEW	J-55 54.5#	1012'	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2681'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	23,475'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details

Production cmt has calculated TOC of 1188'GL, which is greater than 500'TVD above the producing formation. No issues

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JUN 19 2025

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	WV Department of Environmental Protection	WOC (hrs)
Conductor	CLASS A	83	15.6	1.18	98	0	8+
Surface	CLASS L	997	16.0	1.09	1087	0	8
Coal							
Intermediate 1	CLASS A	1045	16.5	1.07	1118	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3845	15.0	1.19	4575	1188'	8+
Tubing							

Drillers TD (ft) 23,493' Loggers TD (ft) N/A
Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
Plug back procedure _____

Kick off depth (ft) 1158'

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 10,306', EVERY JOINT TO 7962' AND EVERY OTHER JOINT TO 1957'

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 _____

JP 8-25-2025

09/19/2025

API 47- 049 - 02529 Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 19H (L004640)

PERFORATION RECORD

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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JUN 19 2025

[illegible]

Please insert additional pages as applicable.

09/19/2025

API 47- 049 - 02529

Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 19H (L004640)

PRODUCING FORMATION(S)DEPTHS

Marcellus	7,661-7739	TVD	9,949-23493	MD
-----------	------------	-----	-------------	----

Please insert additional pages as applicable.

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

SHUT-IN PRESSURE Surface 3331 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW	Gas		Oil		NGL		Water		GAS MEASURED BY		
	26488	mcfpd	0	bpd	0	bpd	341	bpd	☐ Estimated	☒ Orifice	☐ Pilot

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

[illegible]

Please insert additional pages as applicable.

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

98 8-25-2025

09/19/2025

WR-35
Rev. 8/23/13

Page ___ of ___

API 47- 049 . 02529 Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 19H (L004640)

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

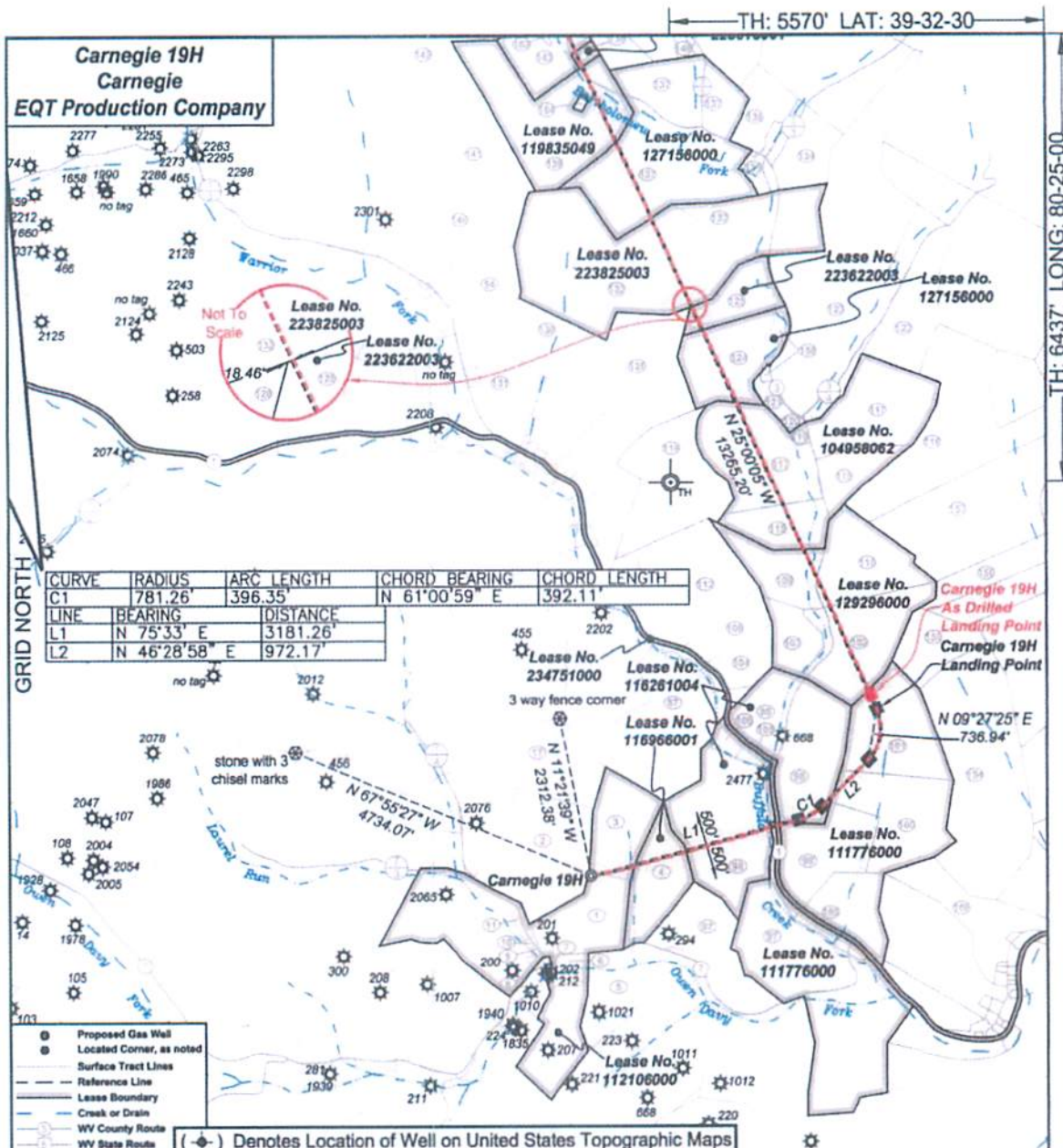
Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

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

09/19/2025

Well # CARNEGIE 19H Final Formations API# 47-049-02529				
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	2,470
Big Injun	2,487	2,470	2,448	2,432
Sand/Shale	2,448	2,432	2,937	2,915
Gantz	2,937	2,915	3,063	3,037
50F	3,063	3,037	3,144	3,113
Sand/Shale	3,144	3,113	3,228	3,191
Fifth Sand	3,228	3,191	3,248	3,209
Sand/Shale	3,248	3,209	3,338	3,292
Bayard	3,338	3,292	3,370	3,321
Sand/Shale	3,370	3,321	5,735	5,211
Alexander	5,735	5,211	5,785	5,249
Sand/Shale	5,785	5,249	6,107	5,496
Elks	6,107	5,496	8,241	7,109
Sonyea	8,241	7,109	8,765	7,305
Middlesex	8,765	7,305	8,981	7,377
Genesee	8,981	7,377	9,276	7,476
Geneseo	9,276	7,476	9,396	7,516
Tully	9,396	7,516	9,532	7,560
Hamilton	9,532	7,560	9,949	7,661
Marcellus	9,949	7,661	23,493	7,739

09/19/2025



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



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 19H
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

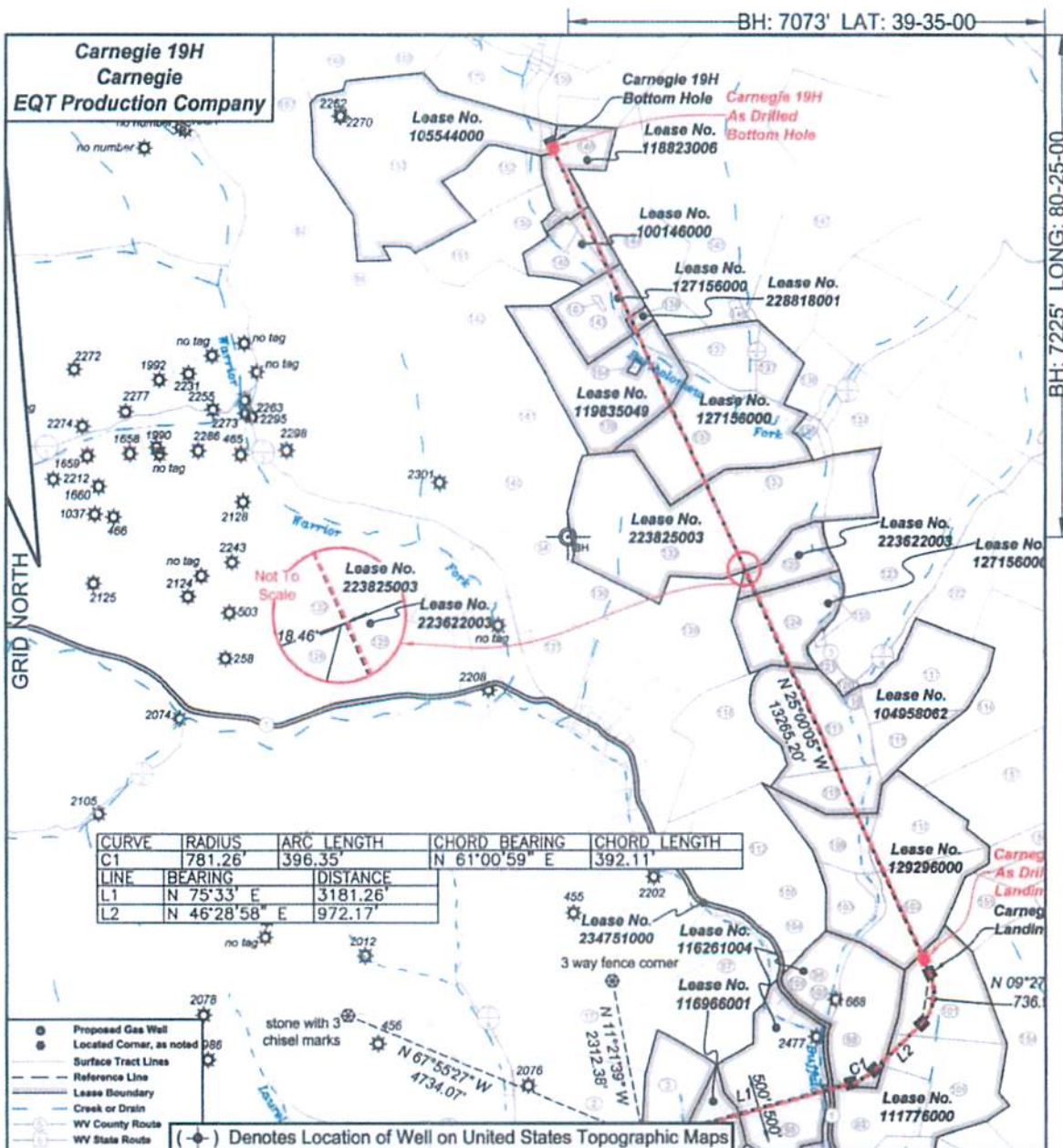
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: July 12 20 24
OPERATOR'S WELL NO.: Carnegie 19H
API WELL NO
47 - 049 - 02529
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: As-Built 1315' 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: 7,712'

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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09/19/2025

09/19/2025

Perforation Data

09/19/2025

Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	12/06/2024	23392	23213	40	Marcellus
3	12/06/2024	23194	23016	40	Marcellus
4	12/06/2024	22997	22818	40	Marcellus
5	12/07/2024	22799	22621	40	Marcellus
6	12/07/2024	22602	22423	40	Marcellus
7	12/07/2024	22404	22226	40	Marcellus
8	12/08/2024	22207	22028	40	Marcellus
9	12/08/2024	22009	21831	40	Marcellus
10	12/08/2024	21812	21633	40	Marcellus
11	12/08/2024	21614	21436	40	Marcellus
12	12/09/2024	21417	21238	40	Marcellus
13	12/09/2024	21219	21041	40	Marcellus
14	12/09/2024	21022	20843	40	Marcellus
15	12/09/2024	20824	20646	40	Marcellus
16	12/10/2024	20627	20448	40	Marcellus
17	12/10/2024	20429	20251	40	Marcellus
18	12/11/2024	20232	20053	40	Marcellus
19	12/11/2024	20034	19856	40	Marcellus
20	12/11/2024	19837	19658	40	Marcellus
21	12/11/2024	19639	19461	40	Marcellus
22	12/12/2024	19442	19263	40	Marcellus
23	12/12/2024	19244	19066	40	Marcellus
24	12/12/2024	19047	18868	40	Marcellus
25	12/12/2024	18849	18671	40	Marcellus
26	12/13/2024	18652	18473	40	Marcellus
27	12/13/2024	18454	18276	40	Marcellus
28	12/13/2024	18257	18078	40	Marcellus
29	12/14/2024	18059	17881	40	Marcellus
30	12/14/2024	17862	17683	40	Marcellus
31	12/14/2024	17664	17486	40	Marcellus
32	12/14/2024	17467	17288	40	Marcellus
33	12/15/2024	17269	17091	40	Marcellus
34	12/15/2024	17072	16893	40	Marcellus
35	12/15/2024	16874	16696	40	Marcellus
36	12/16/2024	16677	16498	40	Marcellus
37	12/16/2024	16479	16301	40	Marcellus
38	12/16/2024	16282	16103	40	Marcellus
39	12/17/2024	16084	15906	40	Marcellus
40	12/17/2024	15887	15708	40	Marcellus
41	12/17/2024	15689	15511	40	Marcellus
42	12/18/2024	15492	15313	40	Marcellus

09/19/2025

43	12/18/2024	15294	15116	40	Marcellus
44	12/18/2024	15097	14918	40	Marcellus
45	12/19/2024	14899	14721	40	Marcellus
46	12/19/2024	14702	14523	40	Marcellus
47	12/19/2024	14504	14326	40	Marcellus
48	12/20/2024	14307	14128	40	Marcellus
49	12/20/2024	14109	13931	40	Marcellus
50	12/21/2024	13912	13733	40	Marcellus
51	12/21/2024	13714	13536	40	Marcellus
52	12/21/2024	13517	13338	40	Marcellus
53	12/21/2024	13319	13141	40	Marcellus
54	12/22/2024	13122	12943	40	Marcellus
55	12/22/2024	12924	12746	40	Marcellus
56	12/22/2024	12727	12548	40	Marcellus
57	12/23/2024	12529	12351	40	Marcellus
58	12/23/2024	12332	12153	40	Marcellus
59	12/23/2024	12134	11956	40	Marcellus
60	12/23/2024	11937	11758	40	Marcellus
61	12/23/2024	11739	11561	40	Marcellus
62	12/24/2024	11542	11363	40	Marcellus
63	12/24/2024	11344	11166	40	Marcellus
64	12/24/2024	11147	10968	40	Marcellus
65	12/24/2024	10949	10771	40	Marcellus
66	12/25/2024	10752	10573	40	Marcellus
67	12/25/2024	10554	10376	40	Marcellus
68	12/25/2024	10357	10178	40	Marcellus
69	12/25/2024	10159	9981	40	Marcellus

09/19/2025

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	12/06/2024	87	8572	8219	6003	176034	5006	
2	12/06/2024	95	8939	6842	5286	441703	10443	
3	12/07/2024	98	8980	6268	5674	440228	10185	
4	12/07/2024	99	8955	6967	5213	440619	10203	
5	12/07/2024	97	8989	6108	5908	440085	10255	
6	12/07/2024	96	8988	6272	5408	440948	10006	
7	12/08/2024	99	8922	6794	5791	440570	10175	
8	12/08/2024	99	9069	6709	5708	440047	10121	
9	12/08/2024	99	9026	6162	5582	440008	10220	
10	12/09/2024	97	9061	6386	5877	442043	10215	
11	12/09/2024	98	8998	6989	5861	440992	10192	
12	12/09/2024	100	9026	6239	5256	440173	10176	
13	12/09/2024	99	9039	6194	6129	440134	10188	
14	12/10/2024	99	9001	6686	5478	439880	10112	
15	12/10/2024	100	8848	8920	4910	440216	10152	
16	12/10/2024	100	8843	6724	5646	442598	10108	
17	12/11/2024	100	8840	7067	5773	440650	10155	
18	12/11/2024	100	8897	7011	5703	440141	10087	
19	12/11/2024	100	8957	6760	5274	440047	10151	
20	12/12/2024	100	8596	7139	5268	440196	10142	
21	12/12/2024	96	8980	6643	5495	440080	10033	
22	12/12/2024	98	8583	6846	5516	440170	10047	
23	12/12/2024	100	8561	7081	6086	440601	10034	
24	12/13/2024	100	8649	6923	6086	441357	9994	
25	12/13/2024	100	8600	7035	5192	440121	9913	
26	12/13/2024	100	8446	7365	5338	440303	9846	
27	12/14/2024	100	8807	7048	5539	440285	9938	
28	12/14/2024	100	8520	6581	5352	440210	9932	
29	12/14/2024	100	8663	6708	5217	440742	9941	
30	12/14/2024	100	8766	6991	5407	439988	9925	
31	12/15/2024	100	8689	6686	5836	440078	9924	
32	12/15/2024	100	8533	6897	5597	440158	9918	
33	12/15/2024	100	8663	7426	5453	440479	9930	
34	12/16/2024	100	8753	7145	5856	440254	9907	
35	12/16/2024	100	8650	6901	5838	440034	9896	
36	12/16/2024	100	8607	6570	5311	440076	9865	
37	12/17/2024	99	8652	7210	5346	440494	9887	
38	12/17/2024	100	8628	6929	5971	440075	9917	
39	12/17/2024	100	8687	6790	5641	440107	9868	
40	12/18/2024	100	8587	6486	5392	440727	9825	
41	12/18/2024	100	8660	6477	5942	440533	9842	

09/19/2025

42	12/18/2024	100	8541	6604	5994	440132	9865	
43	12/19/2024	100	8719	6792	5583	440086	9815	
44	12/19/2024	100	8622	6793	5231	440100	9826	
45	12/20/2024	100	8803	6637	5958	441173	9838	
46	12/20/2024	100	8737	6901	5976	441159	9862	
47	12/20/2024	100	8626	6796	5959	440186	9816	
48	12/21/2024	100	8854	7147	5442	440043	9774	
49	12/21/2024	100	8575	6533	5889	441070	9827	
50	12/21/2024	100	8501	6838	5933	440082	9864	
51	12/21/2024	100	8664	6880	5345	441208	9783	
52	12/22/2024	100	8700	6397	5736	440617	9780	
53	12/22/2024	99	8710	6460	4934	440100	9765	
54	12/22/2024	100	8409	6335	5581	440088	9747	
55	12/23/2024	99	8797	6288	5491	440982	9752	
56	12/23/2024	101	8651	6163	5904	440953	9681	
57	12/23/2024	100	8420	6336	5742	440162	9769	
58	12/23/2024	100	8502	6631	5777	440093	9731	
59	12/24/2024	100	8669	6552	6113	440627	9735	
60	12/24/2024	100	8645	6451	5884	440475	9750	
61	12/24/2024	100	8113	6120	5908	440014	9729	
62	12/24/2024	100	8228	6380	5762	439996	9697	
63	12/24/2024	100	8452	9147	4961	440232	9689	
64	12/25/2024	100	8385	6422	5972	441982	9694	
65	12/25/2024	100	8449	6446	4984	440208	9681	
66	12/25/2024	100	8253	6495	5185	440136	9674	
67	12/25/2024	100	8048	6285	5822	439964	9666	
68	12/26/2024	100	8125	6643	5507	440877	9626	
69	12/26/2024	98	7826	6947	4952	440104	9647	

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	12/06/2024
Job End Date:	12/26/2024
State:	West Virginia
County:	Marion
API Number:	47-049-02529-00-00
Operator Name:	EQT Production
Well Name and Number:	Carnegie 19H
Latitude:	39.524081
Longitude:	-80.436221
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7767
Total Base Water Volume (gal)*:	28549794
Total Base Non Water Volume:	0



Water Source	Percent
--------------	---------

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	88.62089	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.20632	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01834	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.01834	None
Clearal 268	ChemStream	Biocide					
			Water	7732-18-5	80.00000	0.00898	None

09/19/2025

StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Water	7732-18-5	15.00000	0.00258	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00139	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	0.00029	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

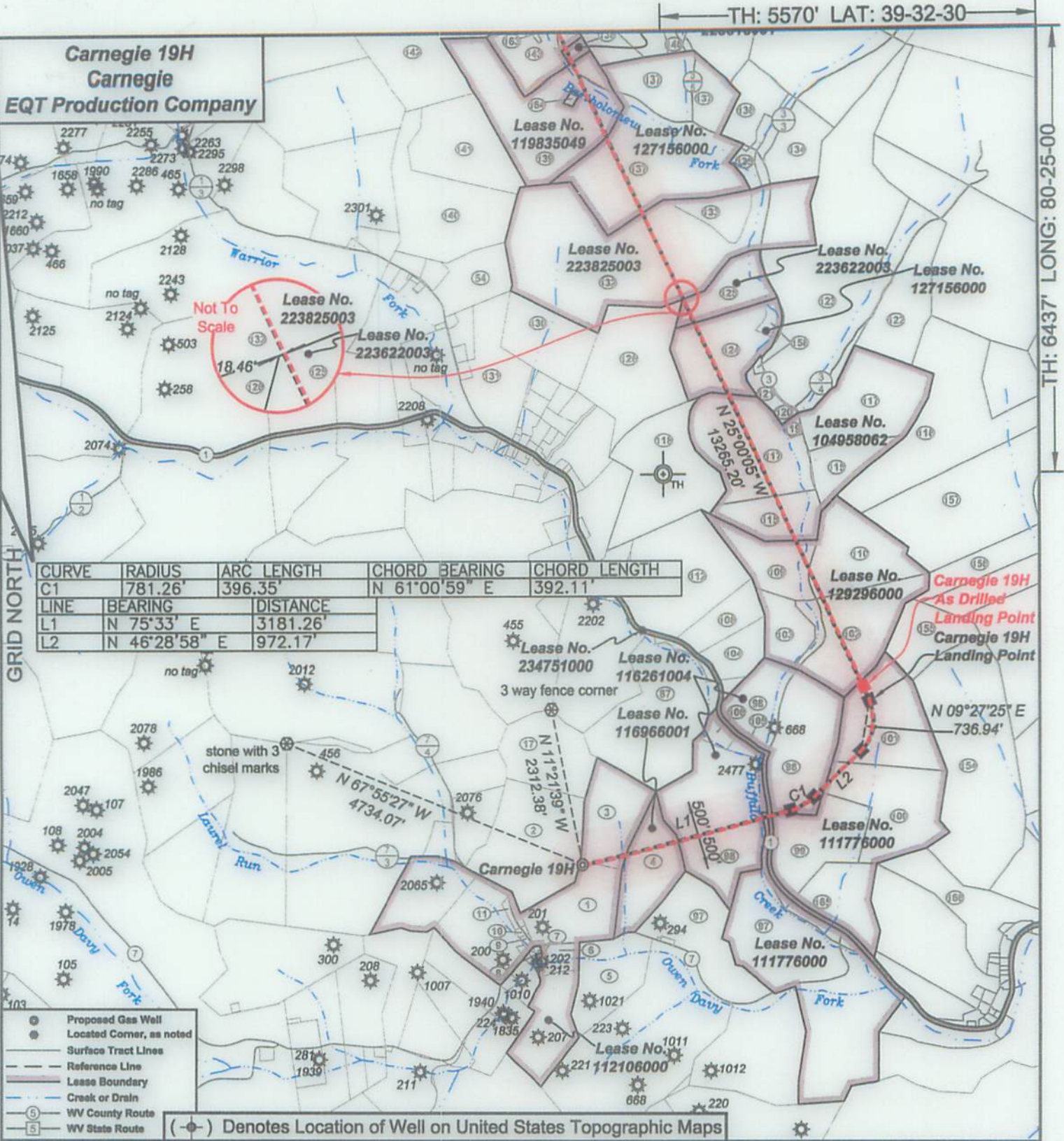
* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** 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 2023
WV Department of
Environmental Protection

09/19/2025



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Ben R. Singleton

P.S. 2092



SEAL

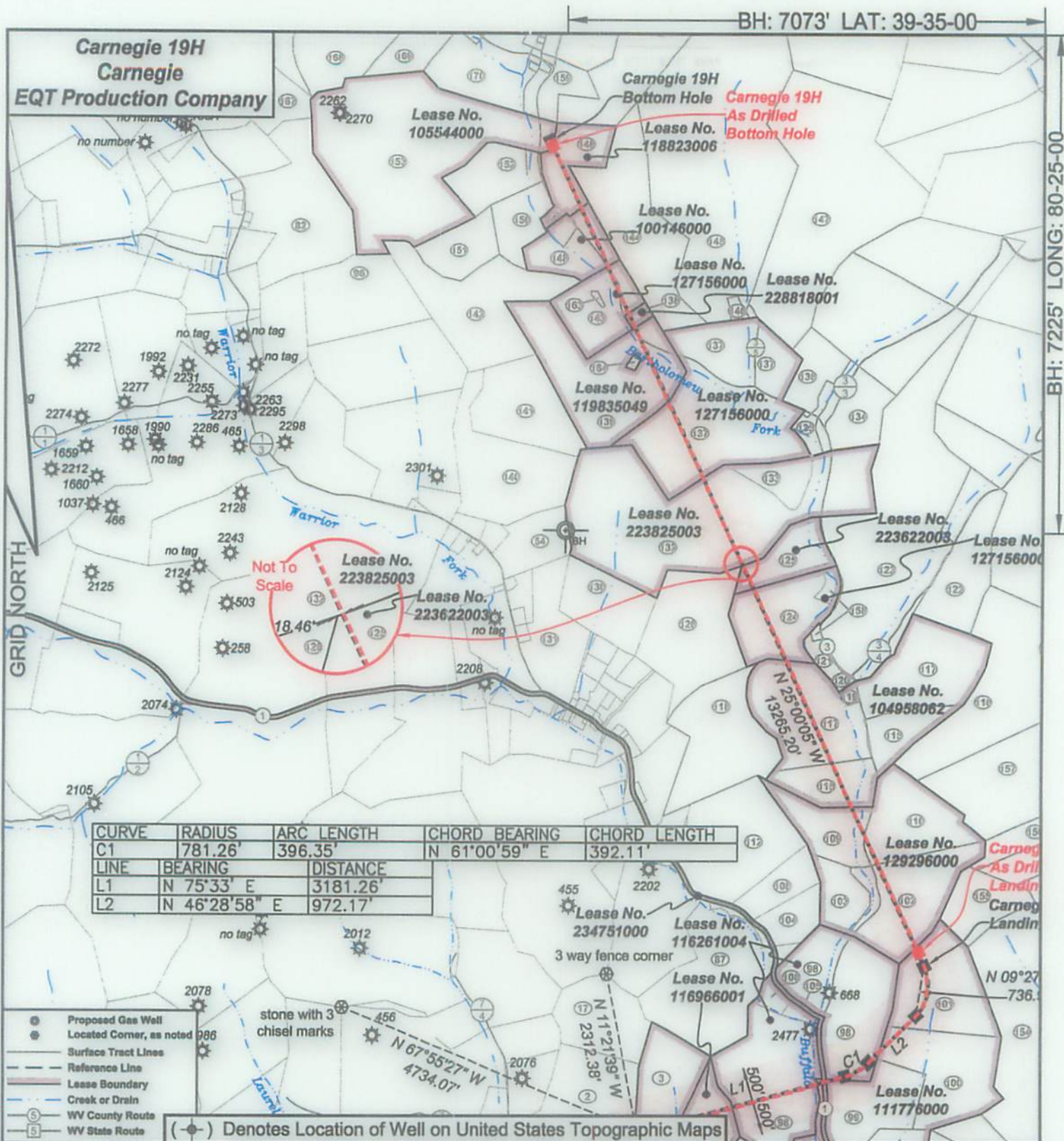
FILE NO: 92-21
DRAWING NO: Carnegie 19H
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: July 12 20 24
OPERATOR'S WELL NO.: Carnegie 19H
API WELL NO
47 - 049 - 02529
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: Marcellus ESTIMATED DEPTH: 7,712'

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



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P.S. 2092



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Canonsburg, PA 15317 Clarksburg, WV 25301

WELL OPERATOR: EQT Production Company

ADDRESS: 400 Woodcote Drive

Canonsburg, PA 15317

DESIGNATED AGENT: Joseph C. Mallow

457 Midstate Drive

Clarkspurg, WV 25301

☐ PLUG AND ABANDON

☐ CLEAN OUT AND REPLUG

☐ TARGET FORMATION: Marcellus

☐ ESTIMATED DEPTH: 7,715'

☐ PERFORATE NEW FORMATION

☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

☒ DRILL

☐ CONVERT

☒ DRILL DEEPER

☐ FRACTURE OR STIMULATE

☐ PLUG OFF OLD FORMATION

ROYALTY OWNER: Bounty Minerals, LLC, et al.

LEASE NO: 112108000

ACREAGE: 135

SURFACE OWNER: Jeanne A. Musgrave Akers & Joseph Fore

DISTRICT: Mannington

COUNTY: Marion

LOCATION: ELEVATION: 1318'

WATERSHED: Laurel Run of Owen Davy Fork

QUADRANGLE: Glover Gap

WELL TYPE: ☐ OIL ☒ GAS

☐ LIQUID INJECTION ☐ WASTE DISPOSAL

(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

☐ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL

PROVEN SOURCE OF ELEVATION: NGS CORS Station

1:2500

MINIMUM DEGREE OF ACCURACY: 1"

SCALE: 1" = 200'

DRAWING NO: Carnegie 19H

FILE NO: 95-21

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

OIL AND GAS DIVISION

DATE: July 15, 2024

OPERATOR'S WELL NO.: Carnegie 19H

API WELL NO: 47 - 049 - 05259

STATE COUNTY PERMIT

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.

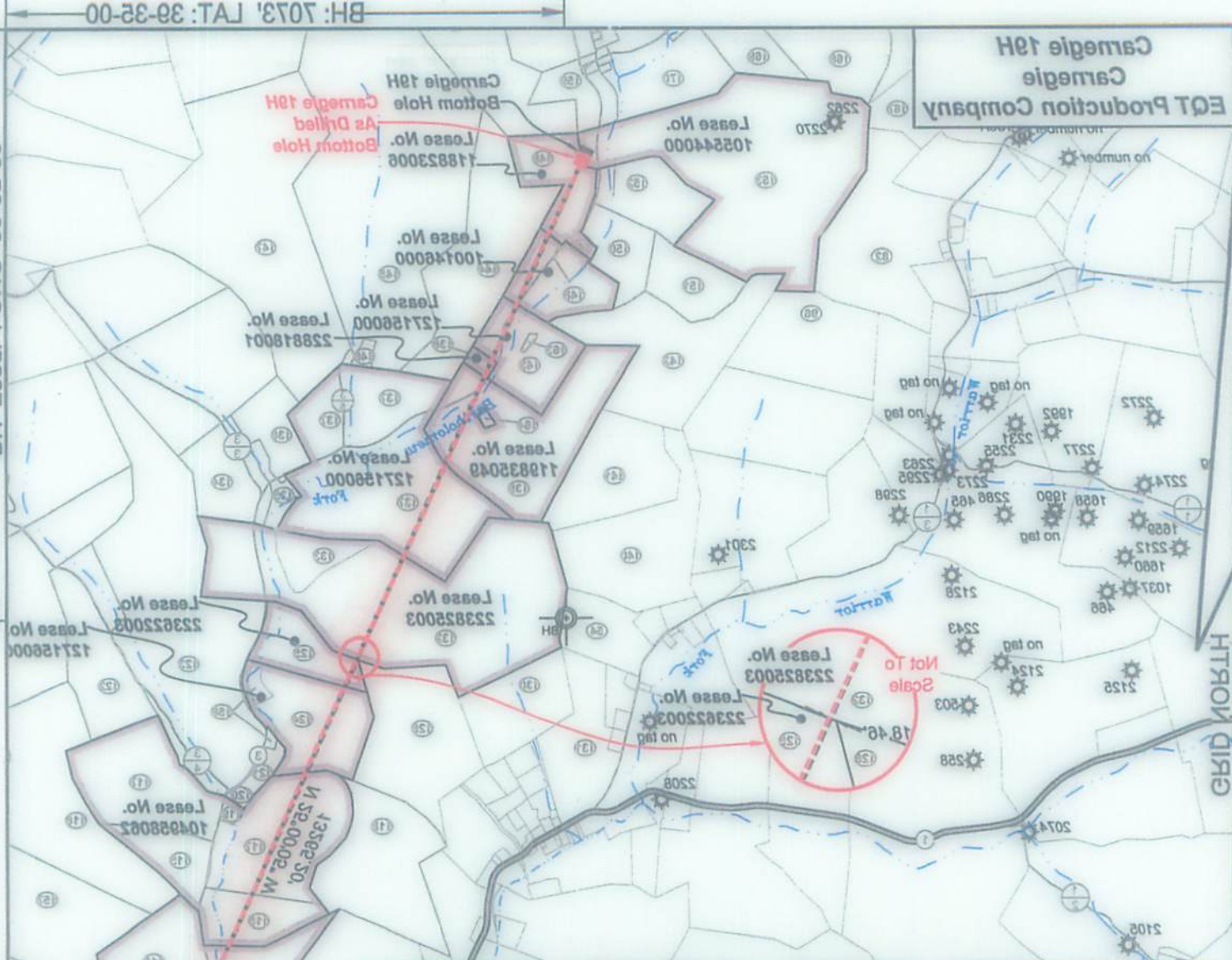
P.S. 2082

CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	781.28'	386.35'	N 61.00.59" E	392.11'

LINE	BEARING	DISTANCE
L1	N 75.33" E	3181.28'
L2	N 46.28.28" E	927.17'

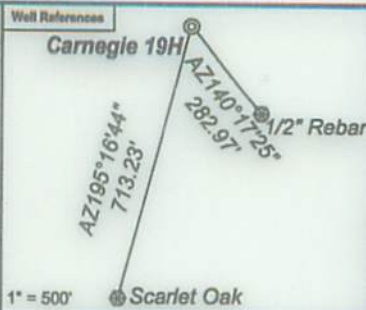
Denotes Location of Well on United States Topographic Maps

Legend:
● Proposed Gas Well
● Located Corner as noted
--- Surface Tract Lines
--- Reference Line
--- Lease Boundary
--- Creek or Drain
○ WV County Route
○ WV State Route



Carnegie 19H
Carnegie
EQT Production Company

Tract I.D.	Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	49	39	Marion	Mannington	Jeanne A. Musgrave Akers & Joseph Forte	26.96
2	49	37	Marion	Mannington	Equitans LP	51.5
3	49	35.1	Marion	Mannington	Jeanne A. Musgrave Akers & Joseph Forte	21.9
4	49	40	Marion	Mannington	Marshall & Dirk Cartright	26
5	50	14	Marion	Mannington	Melvin L. Goudy Sr.	28
6	50	15	Marion	Mannington	Perry R. & Janice M. Thorne	5.61
7	50	16	Marion	Mannington	Richard H. & Lucy M. Lambert	0.46
8	50	17	Marion	Mannington	Jason H. & Brandy L. Batson	0.32
9	48	13	Marion	Mannington	Harlen G. & Diana S. Batson	1.1
10	48	13.2	Marion	Mannington	Dustin Carl	0.73
11	48	13.1	Marion	Mannington	Gary A. & Sheila D. Earl	2.02
17	49	38	Marion	Mannington	Thomas R. Wright	30
54	44	26	Marion	Mannington	Charles P. & Kelly R. Glover	41.05
82	41	1	Marion	Mannington	Walter L. & Peppie L. Upton	58.6/2
87	49	14	Marion	Mannington	Marion County Coal Resources Inc.	61
96	41	20	Marion	Mannington	Joseph A. Tucker	40
97	50	12	Marion	Mannington	Perry R. & Janice M. Thorne	283.83
98	49	12	Marion	Mannington	Robert S. Thorne, Sr., et al.	116.825
99	49	11	Marion	Mannington	Joseph R. & Whitney N. Elliott	39
100	49	47	Marion	Mannington	Joseph R. & Whitney N. Elliott	40.7
101	49	11	Marion	Mannington	Joseph R. & Whitney N. Elliott	38.2
102	49	8	Marion	Mannington	Donald L. & Larayne M. Lafferty	10.21
103	27	14	Marion	Mannington	Kevin M. & Glenda S. Brewer	19.79
104	27	13	Marion	Mannington	Joseph & Larry Baker	22.23
109	49	13	Marion	Mannington	CNK Land LLC	2.59
126	49	12.1	Marion	Mannington	CHK Land LLC	4.175
138	57	13.2	Marion	Mannington	John H. & Carol L. Tennant	13.14
109	47	15	Marion	Mannington	George Fraw, Jr.	18.1
110	37	26	Marion	Mannington	Delbert R. Triplett	10.15
112	37	15.1	Marion	Mannington	Larry E. & Patricia Baker	52.28
115	37	16	Marion	Mannington	Marion County Coal Resources Inc.	35
116	37	28	Marion	Mannington	Marion County Coal Resources Inc.	21
117	37	17	Marion	Mannington	Jeffrey H. Michael	86.04
118	37	10	Marion	Mannington	Kevin D. & Heather Glasscock	51
119	37	17.1	Marion	Mannington	Ronald C. & Betty L. Michael	1.49
120	37	22.3	Marion	Mannington	Ronald C. & Betty L. Michael	1.5
121	37	22.1	Marion	Mannington	Ronald C. & Betty L. Michael	5.17
122	37	29	Marion	Mannington	Jeffrey H. Michael	38.9
123	37	27	Marion	Mannington	Jeffrey H. Michael	106.83
124	37	18	Marion	Mannington	Tommy L. & Tam A. Snodgrass	31.66
125	37	20	Marion	Mannington	No Patent Information	NA
126	37	3	Marion	Mannington	Kevin D. & Heather Glasscock	49.25
130	37	23	Marion	Mannington	Rosemary A. & Samuel M. Snodgrass	2.83
131	44	77	Marion	Mannington	Daniel Reinken	36.236
132	37	21	Marion	Mannington	Cynthia M. & Kim S. Tilley	1.35
137	37	21.1	Marion	Mannington	Julie A. Littley & Justin K. Cain	11.1/1
134	38	13.1	Marion	Mannington	Christine L. Fagnier, et al.	10.76
135	38	13.2	Marion	Mannington	Christine L. Fagnier, et al.	7
136	38	13.3	Marion	Mannington	Christine L. Fagnier, et al.	15.87
137	44	1	Marion	Mannington	Edna M. Cain	107.5
138	44	3	Marion	Mannington	Thomas E. & Andrea G. Ryan	1
139	44	4	Marion	Mannington	Richard L. Cain	54.33
140	44	24.1	Marion	Mannington	Bel of The Most Worshipful Grd Log of A' & AMWV	43.56
141	44	24	Marion	Mannington	Stratford LTD	86.17
142	44	6	Marion	Mannington	John D. & Raji K. Carson	55
143	44	5	Marion	Mannington	Thomas E. & Andrea G. Ryan	24.51
144	38	9	Marion	Mannington	Thomas E. & Andrea G. Ryan	63
145	38	10	Marion	Mannington	Thomas E. & Andrea G. Ryan	175.15
146	38	20.1	Marion	Mannington	Michael L. & Laura A. Gorbey	1.15
147	38	11	Marion	Mannington	Yulia Nikitavna	115
148	38	8	Marion	Mannington	John D. & Raji K. Carson	64.56
149	38	8.1	Marion	Mannington	John D. & Raji K. Carson	2.40
150	44	8	Marion	Mannington	Charles D. & June Shaver	16.5
151	44	7	Marion	Mannington	Charles D. & June Shaver	19
152	44	9	Marion	Mannington	Charles D. & June Shaver	19
153	44	10	Marion	Mannington	Charles D. & June Shaver	128.75
154	42	10	Marion	Mannington	Harrison County Coal Resources Inc.	102.8
155	49	9	Marion	Mannington	Derek Nisum	33.75
156	49	7	Marion	Mannington	Willie E. & Patsy R. Anderson	30
157	37	27	Marion	Mannington	Harrison County Coal Resources Inc.	35.5
158	37	19	Marion	Mannington	Gary F. Snodgrass	3.61
159	38	6	Marion	Mannington	Thomas R. & Margaret M. Williams	11.19
160	44	5.1	Marion	Mannington	Thomas E. & Andrea G. Ryan	0.49
164	44	4.1	Marion	Mannington	Matthew T. Cain	0.67
166	50	11	Marion	Mannington	Joseph R. & Whitney N. Elliott	27.082
166	49	54	Marion	Mannington	Janice C. Drusil	48.21
167	42	18	Marion	Mannington	Nathaniel C. Hilden	34.4
168	44	16	Marion	Mannington	Charles D. & June Shaver	30
169	44	15	Marion	Mannington	Charles D. & June Shaver	30
170	44	11	Marion	Mannington	Charles D. & June Shaver	37.79

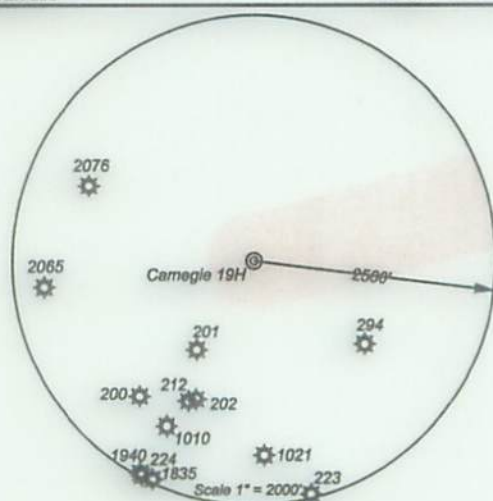


As Drilled Well Information:
Carnegie 19H coordinates are
NAD 27 N: 374,337.69 E: 1,735,852.98
NAD 83 UTM N: 4,375,088.77 E: 548,456.59
Carnegie 19H Landing Point coordinates are
NAD 27 N: 376,924.93 E: 1,740,018.44
NAD 83 UTM N: 4,375,898.18 E: 549,712.53
Carnegie 19H Bottom Hole coordinates are
NAD 27 N: 388,666.90 E: 1,734,530.93
NAD 83 UTM N: 4,379,447.66 E: 547,981.13
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

Lease No.	Owner	Acres
112106000	Bounty Minerals, LLC, et al.	135
116986001	Judith Ann Myers, et al.	36
116261004	Sarahbeth Lamm, et al.	123
234751000	West Virginia Department of Transportation, Division of Highways	46.88
111776000	Joseph R. Elliott and Whitney N. Elliott, et al.	250
128296000	Lee and Hall Royalties	119.25
104958002	Country Roads Minerals, LLC, et al.	174
127156000	EQT Production Company, et al.	34.75 & 0.5
223622003	Ferrari VI OG, LLC, et al.	18
223825003	Bradley W. Thomas, et al.	141
127156000	EQT Production Company, et al.	66.5 & 34.25
119635049	Lee and Hall Royalties, et al.	55 of 226.45 lease
228818001	Charles L. Castor, Jr., et al.	1
127156000	EQT Production Company, et al.	26
100146000	Alice Lou Schomer, et al.	21.75
118823006	June Shaver, et al.	22.25
105544000	Ridgetop ELEVEN LLC	128.75



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