

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

API 47 - 049 - 02526 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 13H (L007975)
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 4,375,075.31 Easting 548,453.98
Landing Point of Curve Northing 4,375,461.93 Easting 548,902.30
Bottom Hole Northing 4,380,387.96 Easting 546,509.76

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 13.76 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 06/19/2024
Date completion activities began 11/09/2024 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 2181' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 503', 656', 925', 1030' 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

WR-35
Rev. 8/23/13

Page ___ of ___

API 47- 049 - 02526

Farm name Jeanne A. Musgrave Akers & Joseph Forte

Well number Carnegie 13H (L007975)

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"	1109'	NEW	J-55 54.5#	1012'	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2674'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	26,602'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details

Production cmt has calculated TOC of 1059'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	1121	16.0	1.09	1222	0	8
Coal							
Intermediate 1	CLASS A	1045	16.5	1.07	1118	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4380	15.0	1.19	5212	1059'	8+
Tubing							

Drillers TD (ft) 26,618'

Loggers TD (ft) N/A

Deepest formation penetrated MARCELLUS

Plug back to (ft) N/A

Plug back procedure

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Office Of Oil and Gas
JUN 19 2025
Wy Department of
Environmental Protection
Sonic

Kick off depth (ft) 2809'

Check all wireline logs run

☐ caliper ☐ density ☒ deviated/directional
☐ neutron ☐ resistivity ☒ gamma ray

☐ induction

☐ temperature

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 8555', EVERY JOINT TO 7681' AND EVERY OTHER JOINT TO 2102'

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

QP 8-25-2025

09/19/2025

API 47- 049 - 02526 Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 13H (L007975)

PERFORATION RECORD

[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 13H (L007975)

DEPTHS

GAS TEST ☐ Build up ☒ Drawdown ☐ Open Flow

SHUT-IN PRESSURE Surface 3318 psi Bottom Hole psi DURATION OF TEST 24 hrs

OPEN FLOW	Gas		Oil		NGL		Water		GAS MEASURED BY		
	32017	mcfpd	0	bpd	0	bpd	372	bpd	☐ Estimated	☒ Orifice	☐ Pilot

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

9p 8.25-2025

Rev. 8/23/13

API 47- 049 - 02526 Farm name Jeanne A. Musgrave Akers & Joseph Forte Well number Carnegie 13H (L007975)Drilling Contractor Falcon (Rig 25)Address 1120 US-119 City Indiana State PA Zip 15701Logging Company Scientific Drilling InternationalAddress 3475 Washington Ave City Finleyville State PA Zip 15332Logging Company GyroDataAddress 73 Noblestown Road City Carnegie State PA Zip 15106

Drilling Contractor _____

Address _____ City _____ State _____ Zip _____

RECEIVED
Office Of Oil and Gas

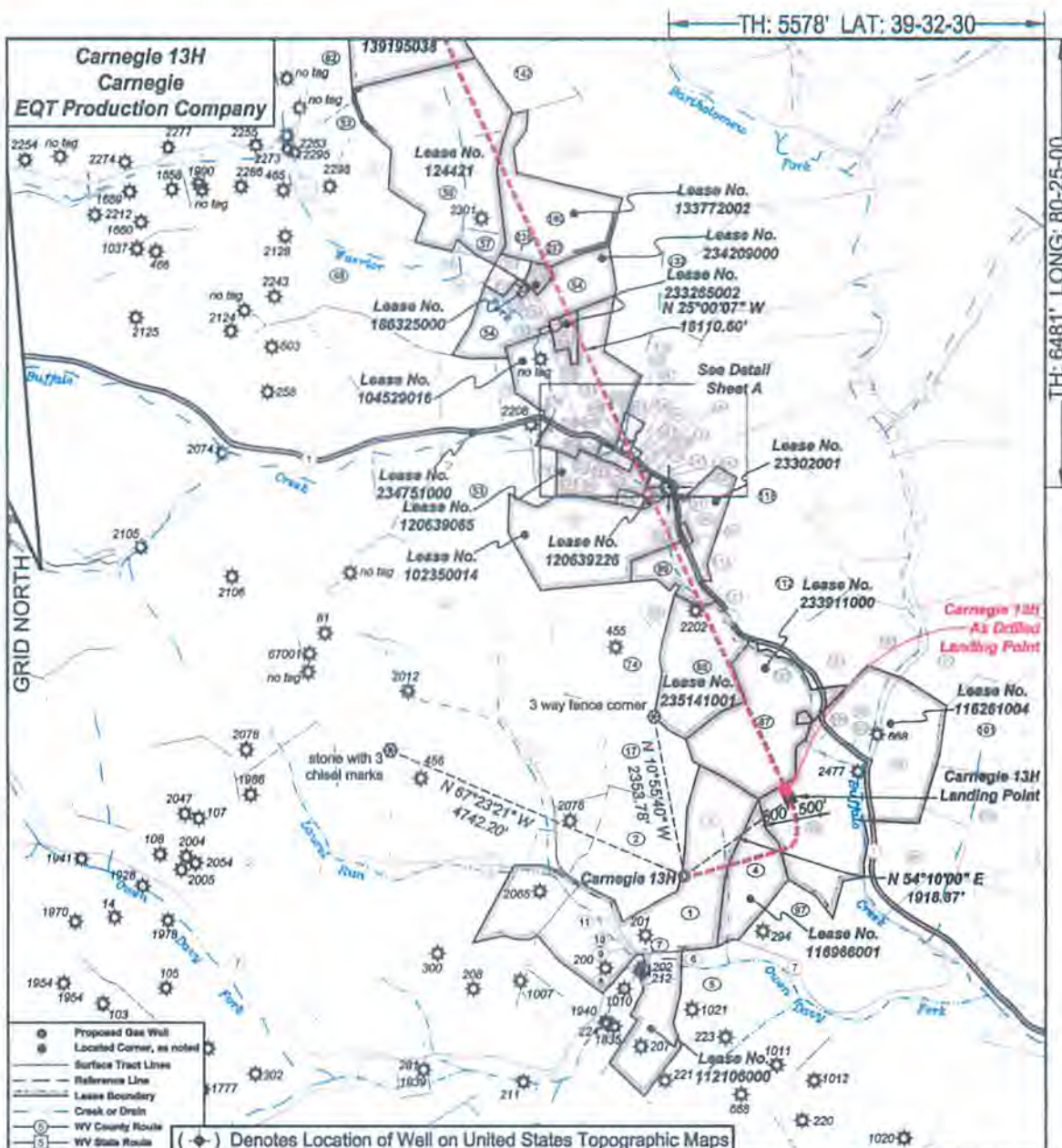
JUN 19 2025

WV Department of
Environmental Protection

09/19/2025

Well # CARNEGIE 13H Final Formations API# 47-049-02526				
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	1,030	1,030
Pittsburgh	1,030	1,030	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	5,574
Alexander	5,735	5,574	5,785	5,617
Sand/Shale	5,785	5,617	6,107	5,897
Elks	6,107	5,897	7,500	7,120
Sonyea	7,500	7,120	7,717	7,310
Middlesex	7,717	7,310	7,805	7,380
Genesee	7,805	7,380	7,939	7,478
Geneseo	7,939	7,478	8,000	7,517
Tully	8,000	7,517	8,069	7,559
Hamilton	8,069	7,559	8,291	7,656
Marcellus	8,291	7,656	26,618	7,728

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.

P.S. 2092



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 13H
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

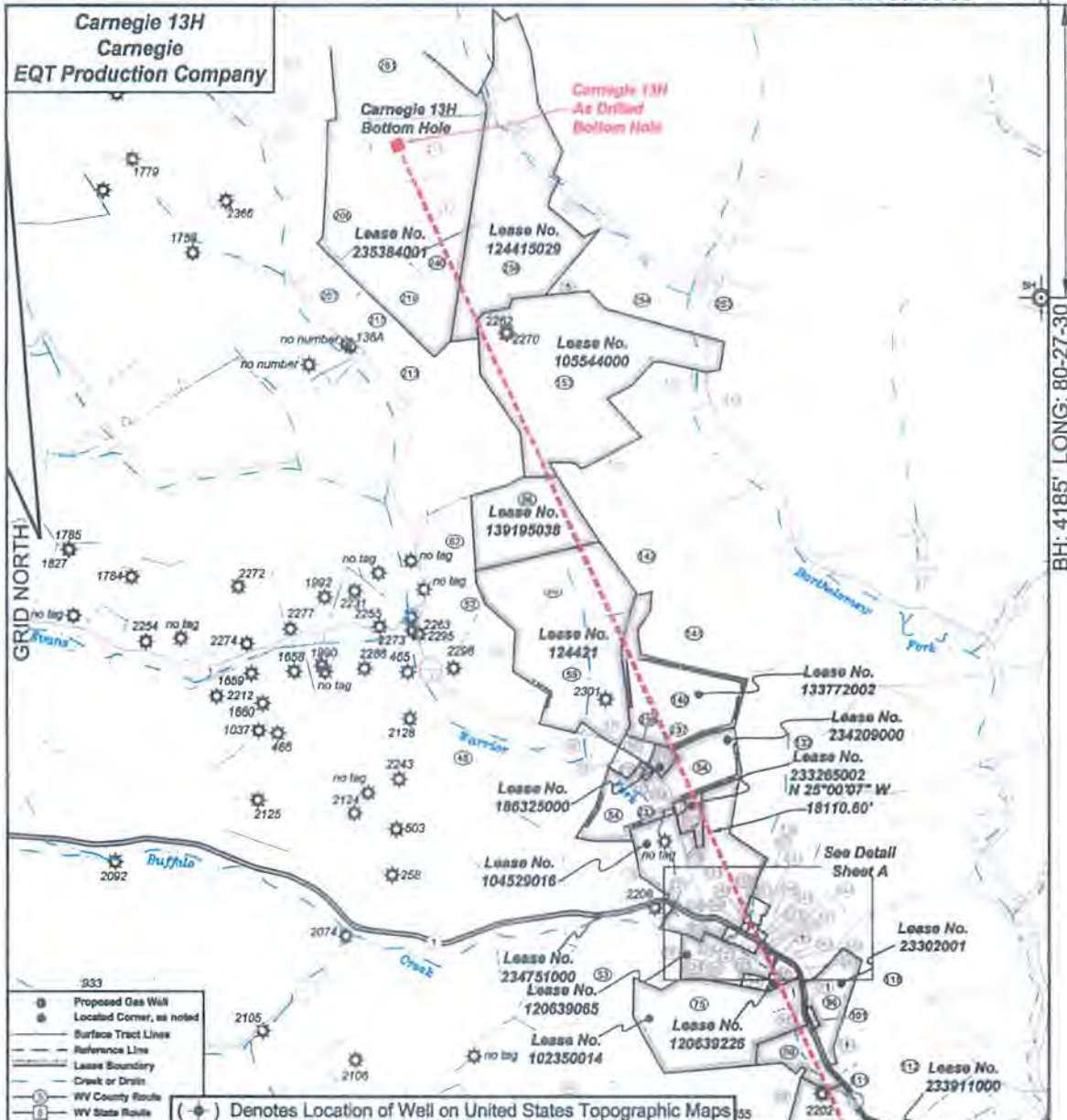
DATE: June 25 20 24
OPERATOR'S WELL NO: Carnegie 13H
API WELL NO
47 049 02526
STATE COUNTY PERMIT

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: Joanne 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 Clarkburg, WV 25301

09/19/2025

BH: 110' LAT: 39-35-00



BH: 4185' LONG: 80-27-30



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P.S. 2092



SEAL

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PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

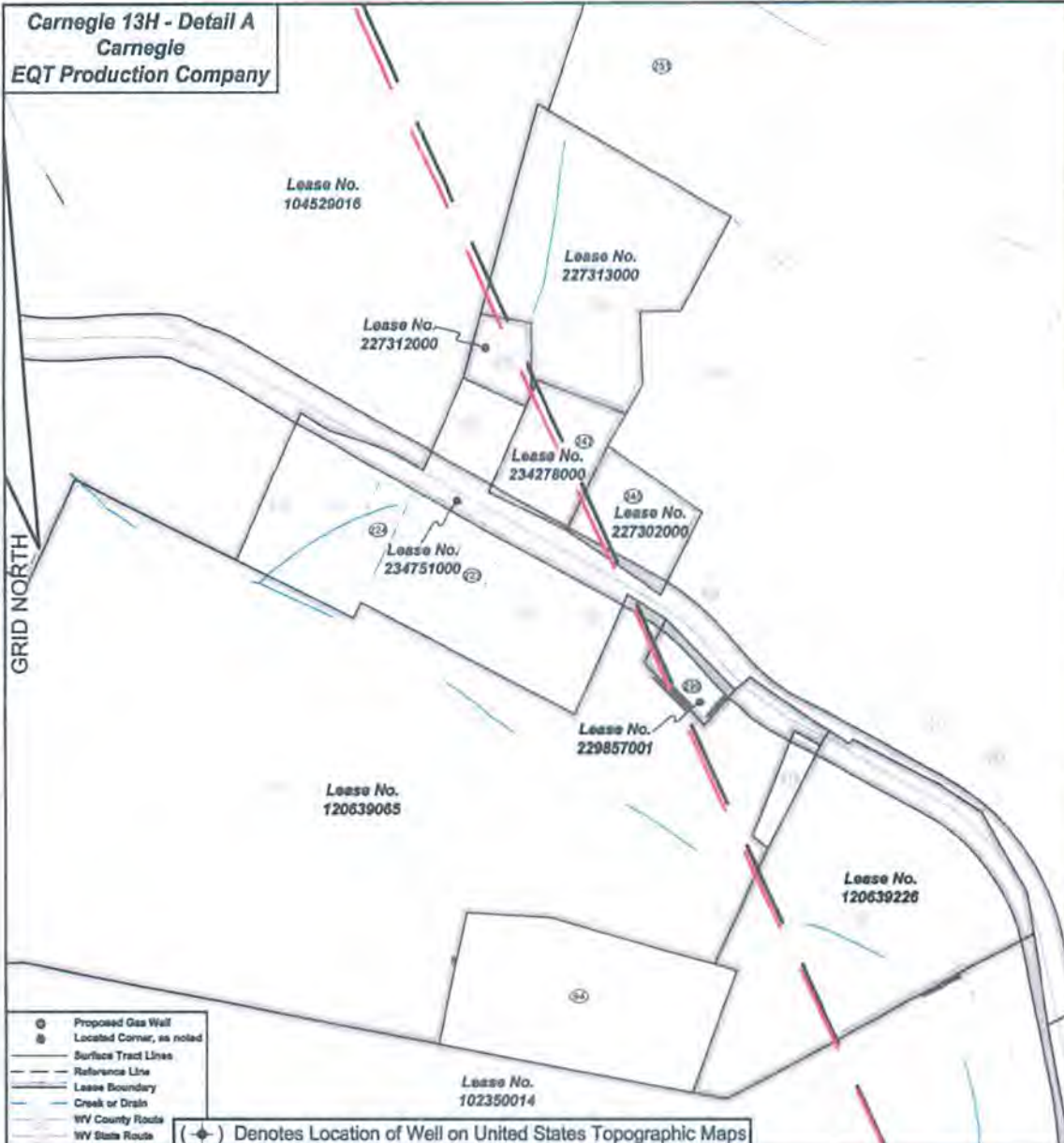
DATE: June 25 20 24
OPERATOR'S WELL NO.: Carnegie 13H
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STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
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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: 112108000 ACREAGE: 135
PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
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Canonsburg, PA 15317 Clarksburg, WV 25301

09/19/2025

Carnegie 13H - Detail A
Carnegie
EQT Production Company



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Ben R. Singleton
P.S. 2092



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 13H
SCALE: 1" = 200'
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 25 20 24
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47 - 049 - 02526
STATE COUNTY PERMIT

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(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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ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 25301

09/19/2025

Tract No.	Acres	Parcel No.	County	Owner	Tract No.	Acres	Parcel No.	County	Owner
1	42	27	Marion	Marion	1	42	27	Marion	Marion
2	48	27	Marion	Marion	2	48	27	Marion	Marion
3	42	27.1	Marion	Marion	3	42	27.1	Marion	Marion
4	48	40	Marion	Marion	4	48	40	Marion	Marion
5	50	14	Marion	Marion	5	50	14	Marion	Marion
6	50	15	Marion	Marion	6	50	15	Marion	Marion
7	50	16	Marion	Marion	7	50	16	Marion	Marion
8	50	17	Marion	Marion	8	50	17	Marion	Marion
9	48	12	Marion	Marion	9	48	12	Marion	Marion
10	48	13.2	Marion	Marion	10	48	13.2	Marion	Marion
11	48	13.1	Marion	Marion	11	48	13.1	Marion	Marion
12	48	28	Marion	Marion	12	48	28	Marion	Marion
13	48	29	Marion	Marion	13	48	29	Marion	Marion
14	48	30	Marion	Marion	14	48	30	Marion	Marion
15	48	31	Marion	Marion	15	48	31	Marion	Marion
16	48	32	Marion	Marion	16	48	32	Marion	Marion
17	48	33	Marion	Marion	17	48	33	Marion	Marion
18	48	34	Marion	Marion	18	48	34	Marion	Marion
19	48	35	Marion	Marion	19	48	35	Marion	Marion
20	48	36	Marion	Marion	20	48	36	Marion	Marion
21	48	37	Marion	Marion	21	48	37	Marion	Marion
22	48	38	Marion	Marion	22	48	38	Marion	Marion
23	48	39	Marion	Marion	23	48	39	Marion	Marion
24	48	40	Marion	Marion	24	48	40	Marion	Marion
25	48	41	Marion	Marion	25	48	41	Marion	Marion
26	48	42	Marion	Marion	26	48	42	Marion	Marion
27	48	43	Marion	Marion	27	48	43	Marion	Marion
28	48	44	Marion	Marion	28	48	44	Marion	Marion
29	48	45	Marion	Marion	29	48	45	Marion	Marion
30	48	46	Marion	Marion	30	48	46	Marion	Marion
31	48	47	Marion	Marion	31	48	47	Marion	Marion
32	48	48	Marion	Marion	32	48	48	Marion	Marion
33	48	49	Marion	Marion	33	48	49	Marion	Marion
34	48	50	Marion	Marion	34	48	50	Marion	Marion
35	48	51	Marion	Marion	35	48	51	Marion	Marion
36	48	52	Marion	Marion	36	48	52	Marion	Marion
37	48	53	Marion	Marion	37	48	53	Marion	Marion
38	48	54	Marion	Marion	38	48	54	Marion	Marion
39	48	55	Marion	Marion	39	48	55	Marion	Marion
40	48	56	Marion	Marion	40	48	56	Marion	Marion
41	48	57	Marion	Marion	41	48	57	Marion	Marion
42	48	58	Marion	Marion	42	48	58	Marion	Marion
43	48	59	Marion	Marion	43	48	59	Marion	Marion
44	48	60	Marion	Marion	44	48	60	Marion	Marion
45	48	61	Marion	Marion	45	48	61	Marion	Marion
46	48	62	Marion	Marion	46	48	62	Marion	Marion



P.S. 2092



SEAL

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

DATE: June 25 20 24
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47 - 049 - 02526
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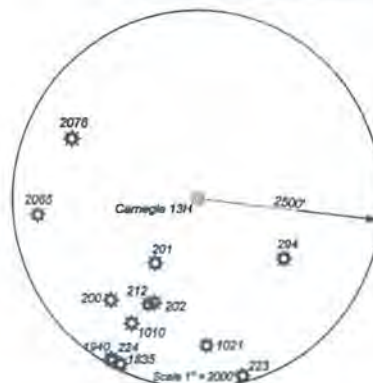
09/19/2025

Carnegie 13H
Carnegie
EQT Production Company

Lease No.	Owner	Acres
112106000	Bounty Minerals, LLC, et al.	135
116980001	Judith Ann Myers, et al.	36
116291004	Sarahbeth Lamm, et al.	123
236110000	CNX Gas Company LLC	91.75
236141001	Alan Stuart Cunningham, et al.	42.28125
223302001	Lee and Hall Royalties, et al.	26.78
102360014	Karen S. Phillips Trust, et al.	55
120630226	CNX Gas Company LLC	2.59
120630605	HS, LLC	17.1945301
229657001	Davitt L. Evans and Debra S. Gump, et al.	0.18
234751000	West Virginia Department of Transportation, Division of Highways	46.88
227302000	Estate of Sonnie D. Holt Price	0.50
234276000	CNX Gas Company LLC	0.61
227313000	Estate of Sonnie D. Holt Price	1.63
227312000	Estate of Sonnie D. Holt Price	0.22
104529016	Kistler Family Trust dated September 25, 2013, et al.	66.77
233285002	Diana Sue Taylor, et al.	8.69
234209000	CNX Gas Company LLC	41.05
168326000	Udda Abruzzo and Michael R. Abruzzo	2.6
133772002	Most Worshipful Grand Lodge of the Ancient Free and Accepted Masons of West Virginia, Inc., et al.	43.50
124421	CNX Gas Company LLC	69.11
139190338	Josephine F. Jordan, et al.	40
105544000	Ridgeway ELEVEN LLC	128.75
124415029	Family Tree Corporation, et al.	318.6
235364001	Country Roads Minerals, LLC, et al.	587.26

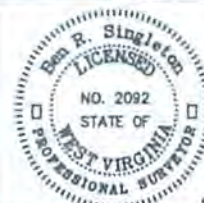
As Drilled Well Information:
Carnegie 13H coordinates are
NAD 27 N: 374,263.87 E: 1,735,843.68
NAD 83 UTM N: 4,375,075.31 E: 548,453.58
Carnegie 13H Landing Point coordinates are
NAD 27 N: 375,537.77 E: 1,737,335.91
NAD 83 UTM N: 4,375,461.93 E: 548,902.30
Carnegie 13H Bottom Hole coordinates are
NAD 27 N: 391,832.94 E: 1,729,754.15
NAD 83 UTM N: 4,380,367.96 E: 545,505.78
West Virginia Coordinate system of 1927 (North Zone)
based upon Differential GPS Measurements.
Pit 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**
- 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



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Ben R. Singleton
P.S. 2092



SEAL

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NGS CORS Station

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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

Perforation Data

Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	11/09/2024	26515	26315	44	Marcellus
3	11/10/2024	26296	26097	44	Marcellus
4	11/10/2024	26078	25878	44	Marcellus
5	11/10/2024	25860	25660	44	Marcellus
6	11/11/2024	25631	25411	48	Marcellus
7	11/11/2024	25392	25171	48	Marcellus
8	11/12/2024	25152	24931	48	Marcellus
9	11/12/2024	24912	24691	48	Marcellus
10	11/12/2024	24672	24451	48	Marcellus
11	11/13/2024	24432	24211	48	Marcellus
12	11/13/2024	24192	23971	48	Marcellus
13	11/13/2024	23952	23731	48	Marcellus
14	11/14/2024	23712	23491	48	Marcellus
15	11/14/2024	23472	23251	48	Marcellus
16	11/14/2024	23232	23011	48	Marcellus
17	11/14/2024	22992	22771	48	Marcellus
18	11/15/2024	22752	22531	48	Marcellus
19	11/15/2024	22512	22291	48	Marcellus
20	11/15/2024	22272	22051	48	Marcellus
21	11/16/2024	22032	21811	48	Marcellus
22	11/16/2024	21792	21571	48	Marcellus
23	11/16/2024	21552	21331	48	Marcellus
24	11/17/2024	21312	21091	48	Marcellus
25	11/17/2024	21072	20851	48	Marcellus
26	11/17/2024	20832	20611	48	Marcellus
27	11/17/2024	20592	20371	48	Marcellus
28	11/18/2024	20352	20131	48	Marcellus
29	11/18/2024	20112	19891	48	Marcellus
30	11/18/2024	19872	19651	48	Marcellus
31	11/19/2024	19632	19411	48	Marcellus
32	11/19/2024	19392	19171	48	Marcellus
33	11/19/2024	19152	18931	48	Marcellus
34	11/19/2024	18912	18691	48	Marcellus
35	11/20/2024	18672	18451	48	Marcellus
36	11/20/2024	18432	18211	48	Marcellus
37	11/20/2024	18192	17971	48	Marcellus
38	11/21/2024	17952	17731	48	Marcellus
39	11/21/2024	17712	17491	48	Marcellus
40	11/21/2024	17472	17251	48	Marcellus
41	11/22/2024	17232	17011	48	Marcellus
42	11/22/2024	16992	16771	48	Marcellus

09/19/2025

43	11/22/2024	16752	16531	48	Marcellus
44	11/22/2024	16512	16291	48	Marcellus
45	11/23/2024	16272	16051	48	Marcellus
46	11/23/2024	16032	15811	48	Marcellus
47	11/23/2024	15792	15571	48	Marcellus
48	11/24/2024	15552	15331	48	Marcellus
49	11/24/2024	15312	15091	48	Marcellus
50	11/24/2024	15072	14851	48	Marcellus
51	11/24/2024	14832	14611	48	Marcellus
52	11/25/2024	14592	14371	48	Marcellus
53	11/25/2024	14352	14131	48	Marcellus
54	11/25/2024	14112	13891	48	Marcellus
55	11/28/2024	13872	13651	48	Marcellus
56	11/26/2024	13632	13411	48	Marcellus
57	11/26/2024	13392	13171	48	Marcellus
58	11/26/2024	13152	12931	48	Marcellus
59	11/27/2024	12912	12691	48	Marcellus
60	11/27/2024	12672	12451	48	Marcellus
61	11/27/2024	12432	12211	48	Marcellus
62	11/27/2024	12192	11971	48	Marcellus
63	11/28/2024	11952	11731	48	Marcellus
64	11/28/2024	11712	11491	48	Marcellus
65	11/28/2024	11472	11251	48	Marcellus
66	11/28/2024	11232	11011	48	Marcellus
67	11/29/2024	10992	10771	48	Marcellus
68	11/29/2024	10752	10531	48	Marcellus
69	11/29/2024	10512	10291	48	Marcellus
70	11/29/2024	10272	10051	48	Marcellus
71	11/30/2024	10032	9811	48	Marcellus
72	11/30/2024	9792	9571	48	Marcellus
73	12/01/2024	9552	9331	48	Marcellus
74	12/02/2024	9312	9091	48	Marcellus
75	12/02/2024	9072	8851	48	Marcellus
76	12/02/2024	8832	8611	48	Marcellus
77	12/03/2024	8592	8371	48	Marcellus
78	12/03/2024	8359	8319	16	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	11/09/2024	15	4055	8631	4515	176348	6922.00	
2	11/10/2024	114	10439	7502	5432	485031	11687.00	
3	11/10/2024	119	10566	6024	5130	448455	11445.00	
4	11/11/2024	113	10379	6818	5154	484196	11425.00	
5	11/11/2024	117	10368	5996	4913	484379	11247.00	
6	11/11/2024	115	10326	5996	5120	528509	12349.00	
7	11/12/2024	118	10603	6635	5362	528325	12258.00	
8	11/12/2024	113	10374	3776	5287	528709	12215.00	
9	11/13/2024	120	10620	6280	5420	529185	12306.00	
10	11/13/2024	118	10610	6836	5387	529100	12234.00	
11	11/13/2024	118	10478	5477	4746	528997	12210.00	
12	11/13/2024	118	10625	6010	4808	528124	12460.00	
13	11/14/2024	120	10575	6559	5633	528615	12301.00	
14	11/14/2024	120	10510	6130	5481	528643	12209.00	
15	11/14/2024	119	10680	6283	5274	528205	12244.00	
16	11/15/2024	120	10791	6036	5648	528162	12133.00	
17	11/15/2024	120	10893	6095	5519	528189	12103.00	
18	11/15/2024	118	10537	5825	5509	527833	12221.00	
19	11/16/2024	120	10754	6080	5622	528386	12180.00	
20	11/16/2024	120	10927	6080	6454	528404	12070.00	
21	11/16/2024	120	11099	6488	6084	528407	12150.00	
22	11/16/2024	120	11028	5874	5674	528350	12208.00	
23	11/17/2024	121	10814	6523	5635	528439	12088.00	
24	11/17/2024	119	10709	6370	5716	528256	12021.00	
25	11/17/2024	120	10741	5900	5738	528122	12090.00	
26	11/18/2024	120	10928	6290	6119	528405	12113.00	
27	11/18/2024	120	10796	6655	5450	528493	12037.00	
28	11/18/2024	120	10875	6400	5796	528277	12005.00	
29	11/18/2024	120	10800	6370	6349	528817	12030.00	
30	11/19/2024	116	10947	6543	6388	528072	12933.00	
31	11/19/2024	119	10846	6391	6794	528159	11991.00	
32	11/19/2024	120	10494	6343	5455	527921	11950.27	
33	11/20/2024	119	10573	6375	5069	529234	11951.00	
34	11/20/2024	120	10629	6475	5692	528821	11993.00	
35	11/20/2024	119	10506	6193	5131	527912	11926.00	
36	11/20/2024	120	10388	6584	5802	528175	11940.00	
37	11/21/2024	120	10252	6544	5780	529226	11916.00	
38	11/21/2024	113	10326	6479	5093	527973	11920.00	
39	11/22/2024	120	10432	6145	5870	529171	11914.00	
40	11/22/2024	121	10503	6229	6447	529753	11922.00	
41	11/22/2024	120	10556	6347	6213	528133	11916.00	

09/19/2025

42	11/22/2024	120	10470	6334	5742	530526	11851.00
43	11/23/2024	120	10492	6209	6456	529813	11865.00
44	11/23/2024	121	10857	6455	5713	528628	11889.00
45	11/23/2024	120	10472	6372	6151	346970	12001.00
46	11/24/2024	118	10713	6128	5216	516499	11771.00
47	11/24/2024	120	10349	6452	5188	528006	11818.00
48	11/24/2024	120	10156	6406	5744	528235	11819.00
49	11/24/2024	120	10697	6297	5577	519865	11754.00
50	11/25/2024	120	10521	6322	5882	527981	11853.00
51	11/25/2024	120	10370	6442	6188	528071	11796.00
52	11/25/2024	119	10573	6281	5859	528145	11827.00
53	11/25/2024	119	10490	6957	5562	528182	11814.00
54	11/26/2024	120	10336	6366	5751	529008	11819.00
55	11/26/2024	120	10175	6343	6199	528039	11770.00
56	11/26/2024	120	10551	8807	6343	528268	11765.00
57	11/26/2024	120	10018	6237	5962	530063	11766.00
58	11/27/2024	120	10067	6577	5808	528588	11776.00
59	11/27/2024	120	9631	6463	5818	529143	11761.00
60	11/27/2024	120	9981	6459	6710	528227	11739.00
61	11/28/2024	120	9720	6567	5690	529193	11741.00
62	11/28/2024	120	9763	6348	5880	529035	11748.00
63	11/28/2024	121	9613	5713	5688	528851	11731.00
64	11/28/2024	121	9444	5858	5920	528306	11747.00
65	11/29/2024	120	9460	6174	5858	530084	11720.00
66	11/29/2024	120	9269	6536	5899	529139	11671.00
67	11/29/2024	121	9147	5825	0	528335	11564.00
68	11/29/2024	119	9150	5835	6094	528153	11557.00
69	11/30/2024	120	9345	6490	6001	528533	11536.00
70	11/30/2024	120	9394	6017	5973	528601	11665.00
71	12/01/2024	113	10483	6026	5768	530973	15414.00
72	12/01/2024	120	9220	6433	6167	528436	11662.00
73	12/02/2024	120	8574	6582	6055	529183	11616.00
74	12/02/2024	120	9250	6054	5902	528225	11635.00
75	12/03/2024	120	8575	5581	5787	528270	11610.00
76	12/03/2024	120	8720	6209	6395	528411	11648.00
77	12/04/2024	119	10056	6273	5909	528859	11619.00
78	12/04/2024	50	10365	7239	7179	7058	1344.62

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/09/2024
Job End Date:	12/04/2024
State:	West Virginia
County:	Marion
API Number:	47-049-02526-00-00
Operator Name:	EQT Production
Well Name and Number:	Carnegie 13H
Latitude:	39.52396
Longitude:	-80.436252
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7757
Total Base Water Volume (gal)*:	38510467.38
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	88.81704	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.03956	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.01461	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01461	None
Clearal 268	ChemStream	Biocide					
			Water	7732-18-5	80.00000	0.00900	None

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StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Water	7732-18-5	15.00000	0.00205	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00114	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	0.00029	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00023	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

Carnegie 13H
Carnegie
EQT Production Company**Carnegie 13H**
Bottom Hole**Carnegie 13H**
As Drilled
Bottom HoleLease No.
235384001Lease No.
124415029Lease No.
105544000Lease No.
139195038Lease No.
124421Lease No.
186325000Lease No.
104529016Lease No.
234751000Lease No.
120639065Lease No.
102350014Lease No.
120639226Lease No.
133772002Lease No.
234209000Lease No.
233265002N 25°00'07" W
18110.60'See Detail
Sheet ALease No.
23302001Lease No.
233911000

GRID NORTH

BH: 4185' LONG: 80-27-30

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

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



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

P.S. 2092



SEAL

FILE NO: 92-21

DRAWING NO: Carnegie 13H

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 25 20 24

OPERATOR'S WELL NO.: Carnegie 13H

API WELL NO

47 - 049 - 02526
STATE COUNTY PERMITWELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOWLOCATION: 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

ADDRESS: 400 Woodcliff Drive
Canonsburg, PA 15317

DESIGNATED AGENT: Joseph C. Mallow

ADDRESS: 427 Midstate Drive
Clarksburg, WV 25301

09/19/2025

Carnegie 13H - Detail A
Carnegie
EQT Production Company

Lease No.
104529016

Lease No.
227313000

Lease No.
227312000

Lease No.
234278000

Lease No.
227302000

Lease No.
234751000

Lease No.
229857001

Lease No.
120639065

Lease No.
120639226

Lease No.
102350014

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

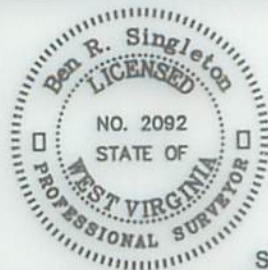
() Denotes Location of Well on United States Topographic Maps



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

Ben R. Singleton

P.S. 2092



SEAL

FILE NO: 92-21
DRAWING NO: Carnegie 13H
SCALE: 1" = 200'
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 25 20 24
OPERATOR'S WELL NO.: Carnegie 13H
API WELL NO
47 - 049 - 02526
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
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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 13H
Carnegie
EQT Production Company

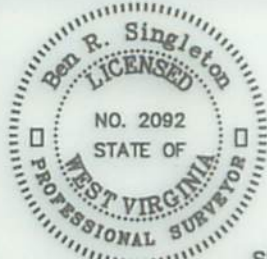
Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres	Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	49	32	Marion	Mannington	Jeanne A. Musgrave Akers & Joseph Forte	28.26	222	49	24	Marion	Mannington	CNX Land LLC	1.15
2	49	37	Marion	Mannington	Equilibrium LP	51.5	223	49	25	Marion	Mannington	Consolidation Coal Company	0.22
3	49	32.1	Marion	Mannington	Jeanne A. Musgrave Akers & Joseph Forte	23.9	224	49	26	Marion	Mannington	Chad & Liberty Glover	0.27
4	49	40	Marion	Mannington	Marshall & Dick Carrighi	36	225	49	27	Marion	Mannington	Chad & Liberty Glover	0.48
5	50	14	Marion	Mannington	Melvin L. Gooch Sr.	28	226	49	28	Marion	Mannington	CNX Land LLC	0.3
6	50	15	Marion	Mannington	Perry R. & Janice M. Thorne	5.81	227	49	29	Marion	Mannington	Charles P. & Kathy R. Glover	6
7	50	16	Marion	Mannington	Richard H. & Lucy M. Lambert	0.46	228	44	32	Marion	Mannington	Charles P. & Kathy R. Glover	20.35
8	50	17	Marion	Mannington	Jason H. & Brandy L. Balsari	0.32	229	44	29	Marion	Mannington	Denzil R. Yost	1.06
9	48	13	Marion	Mannington	Harlen O. & Diana S. Batson	1.1	231	44	28	Marion	Mannington	Marvin Vanfosson & Debbie Cunningham	5.344
10	48	13.2	Marion	Mannington	Dustin Earl	0.73	232	44	27.1	Marion	Mannington	Michael A. Bell	0.65
11	48	13.1	Marion	Mannington	Gary A. & Sheila D. Earl	2.02	233	44	27.2	Marion	Mannington	Michael A. Bell	0.77
12	49	38	Marion	Mannington	Thomas R. Wright	30	234	44	26.1	Marion	Mannington	Michael Gerstl	0.344
44	48	19	Marion	Mannington	Dennis L. & Denise D. Sponaugle	105.45	235	44	26.2	Marion	Mannington	Michael Gerstl	0.046
48	41	37	Marion	Mannington	Priscilla A. Hamilton	157.3	236	44	25	Marion	Mannington	Michael B. Abuzzino & Michelle A. Smith	2.8
52	45	21	Marion	Mannington	Vickie E. Lucas	103.194	237	44	26.3	Marion	Mannington	Kevin Ruffing & Sharon L. Turner	0.19
53	41	33	Marion	Mannington	Katherine Heese	181.2	238	44	35.1	Marion	Mannington	Kevin Ruffing & Sharon L. Turner	0.08
54	44	26	Marion	Mannington	Charles P. & Kathy R. Glover	41.05	239	44	35	Marion	Mannington	Raymond M. & Carrie D. Booth	1.32
55	41	36	Marion	Mannington	Raymond M. & Carrie D. Booth	1.4	240	42	17	Marion	Mannington	Richard Cain	36
56	44	23	Marion	Mannington	Michael B. Abuzzino & Michelle A. Smith	2.25	241	37	8	Marion	Mannington	Darrell F. Griffin	1.04
57	44	22.2	Marion	Mannington	Joseph A. Tucker	5	242	37	7	Marion	Mannington	CNX Land LLC	0.36
58	44	22.1	Marion	Mannington	Eugene C. & Helen F. Semolina	0.675	243	37	6	Marion	Mannington	CNX Land LLC	0.5
59	41	22	Marion	Mannington	Joseph A. Tucker	45	244	37	4	Marion	Mannington	CNX Land LLC	0.25
60	44	21	Marion	Mannington	Joseph A. Tucker	50	245	37	2.8	Marion	Mannington	Rosemary A. Snodgrass	0.5
62	44	19	Marion	Mannington	Vickie E. Lucas	24.937	246	37	2	Marion	Mannington	Rosemary A. & Samuel M. Snodgrass	1.524
74	49	37.1	Marion	Mannington	Mike Ross Inc.	18.12	247	37	2.1	Marion	Mannington	CNX Land LLC	0.61
75	49	31	Marion	Mannington	Samuel M. & Rosemary A. Snodgrass	50.08	248	37	1	Marion	Mannington	CNX Land LLC	0.3
76	48	20	Marion	Mannington	We-K-I Farmers LLC	8.53	249	37	2.11	Marion	Mannington	CNX Land LLC	0.22
78	44	33.1	Marion	Mannington	Richard & Brandon Fitzpatrick	0.46	250	37	2.1	Marion	Mannington	Judith Gump	1.93
84	41	17	Marion	Mannington	Walter & Poppie Upton	58.077	251	37	2.2	Marion	Mannington	Kandy D. Starkey, et al.	2.3
87	49	14	Marion	Mannington	Marion County Coal Resources Inc.	61	252	37	2.3	Marion	Mannington	Rosemary A. & Samuel M. Snodgrass	2.83
88	49	26	Marion	Mannington	Larry Baker, et al.	42	253	38	6	Marion	Mannington	Thomas R. & Margaret M. Williams	11.19
89	49	17	Marion	Mannington	The Marion County Coal Company	12.17	254	44	11	Marion	Mannington	Charles D. & June Shaver	57.75
90	37	9	Marion	Mannington	Chad & Liberty Glover	27.219	255	44	15	Marion	Mannington	Charles D. & June Shaver	20
91	37	9.1	Marion	Mannington	Chad & Liberty Glover	7.67	256	44	16	Marion	Mannington	Charles D. & June Shaver	30
92	49	31.1	Marion	Mannington	Samuel M. Snodgrass	2.5	257	40	22.1	Marion	Mannington	Richard L. Cain	3.75
93	49	21	Marion	Mannington	CNX Land LLC	1.75	258	42	39	Marion	Mannington	William H. Parrish	35.25
94	49	20	Marion	Mannington	Cemetery	1.5	259	42	41	Marion	Mannington	William H. Parrish	6.19
95	49	30	Marion	Mannington	Chad & Liberty Glover	17.15	260	42	44	Marion	Mannington	William H. Parrish	25.63
96	44	20	Marion	Mannington	Joseph A. Tucker	40	261	42	19	Marion	Mannington	Nathanael C. Hibbs	64.81
97	50	17	Marion	Mannington	Perry R. & Janice M. Thorne	183.08	301	37	9.2	Marion	Mannington	Charles P. & Kathy R. Glover	0.5
98	49	12	Marion	Mannington	Robert S. Thorne, Sr., et al.	116.825							
99	49	11	Marion	Mannington	Joseph H. & Whitney N. Elliott	30							
100	49	42	Marion	Mannington	Joseph R. & Whitney N. Elliott	40.2							
101	49	11	Marion	Mannington	Joseph H. & Whitney N. Elliott	38.2							
102	49	8	Marion	Mannington	Donald I. & Laryne M. Inferty	40.21							
103	37	14	Marion	Mannington	Kevin M. & Glenda S. Brewer	10.70							
104	37	13	Marion	Mannington	Joseph & Larry Baker	12.71							
105	49	13	Marion	Mannington	CNX Land LLC	2.05							
106	49	12.1	Marion	Mannington	CNX Land LLC	4.175							
107	49	15	Marion	Mannington	Joseph & Larry Baker	2.5							
111	37	13.1	Marion	Mannington	CNX Land LLC	0.78							
112	37	13.1	Marion	Mannington	Larry E. & Patricia Baker	52.28							
114	37	11	Marion	Mannington	Judy Scott & Larry Baker	1.14							
118	37	10	Marion	Mannington	Kevin D. & Heather Glasscock	51							
127	37	5	Marion	Mannington	Robert L. & Ethel J. Martin	14.6							
130	37	2.3	Marion	Mannington	Rosemary A. & Samuel M. Snodgrass	2.83							
131	41	27	Marion	Mannington	Daniel Berisko	29.228							
137	37	21	Marion	Mannington	Cynthia M. & Kim S. Tittley	1.36							
140	41	24.1	Marion	Mannington	Ed of Trs Most Worshipful Grd Ldg of AI & AM WV	43.58							
141	44	24	Marion	Mannington	Strasland LTD	36.17							
142	41	6	Marion	Mannington	John D. & Raji K. Carson	55							
148	38	8	Marion	Mannington	John D. & Raji K. Carson	64.56							
151	41	7	Marion	Mannington	Charles D. & June Shaver	19							
152	41	9	Marion	Mannington	Charles D. & June Shaver	19							
153	44	10	Marion	Mannington	Charles D. & June Shaver	128.75							
206	42	15	Marion	Mannington	Dennis M. & Lisa A. Huyen	38.74							
207	42	13	Marion	Mannington	Jennifer R. Fridley & Rose M. Sokolsky	8.41							
213	42	10	Marion	Mannington	Jerry L. & Kimberly S. Rice	32.5							
215	42	14	Marion	Mannington	Jennifer R. Fridley & Rose M. Sokolsky	13.8							
216	42	18	Marion	Mannington	Nathanael C. Hibbs	34.4							
217	42	21	Marion	Mannington	Nathanael C. Hibbs	64.09							
218	42	20	Marion	Mannington	Nathanael C. Hibbs	54.83							
219	49	30.1	Marion	Mannington	Robert F. & Thelma L. Martin	0.004							
220	49	30.2	Marion	Mannington	David L. Evans & Debra S. Gump	0.18							
221	49	27	Marion	Mannington	Carol L. Starkey	0.125							



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 13H
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 25 20 24
OPERATOR'S WELL NO.: Carnegie 13H
API WELL NO
47 - 049 - 02526
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: 09/19/2025
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

Carnegie 13H
Carnegie
EQT Production Company

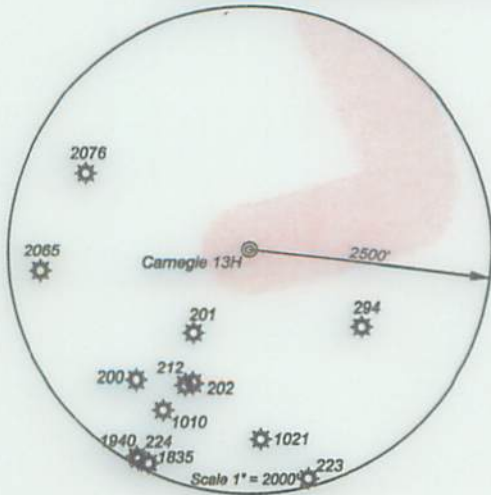
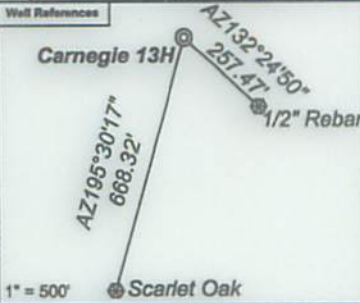
Lease No.	Owner	Acres
112106000	Bounty Minerals, LLC, et al.	135
116968001	Judith Ann Myers, et al.	36
116261004	Sarahbeth Lamm, et al.	123
233911000	CNX Gas Company LLC	61.75
235141001	Alan Sturm Cunningham, et al.	42.28125
223302001	Lee and Hall Royalties, et al.	29.78
102350014	Karen S. Phillips Trust, et al.	55
120639226	CNX Gas Company LLC	2.59
120639085	H3, LLC	17.1548301
229857001	David L. Evans and Debra S. Gump, et al.	0.18
234751000	West Virginia Department of Transportation, Division of Highways	48.86
227302000	Estate of Sonnie D. Holt Price	0.50
234278000	CNX Gas Company LLC	0.81
227313000	Estate of Sonnie D. Holt Price	1.93
227312000	Estate of Sonnie D. Holt Price	0.22
104529016	Kistler Family Trust dated September 25, 2013, et al.	56.77
233265002	Diana Sue Taylor, et al.	8.69
234209000	CNX Gas Company LLC	41.05
186325000	Linda Abruzzino and Michael R. Abruzzino	2.8
133772002	Most Worshipful Grand Lodge of the Ancient Free and Accepted Masons of West Virginia, Inc., et al.	43.56
124421	CNX Gas Company LLC	99.11
139195038	Josephine F. Jordan, et al.	40
105544000	Ridgetop ELEVEN LLC	128.75
124415029	Family Tree Corporation, et al.	316.6
235384001	Country Roads Minerals, LLC, et al.	557.26

As Drilled Well Information:
Carnegie 13H coordinates are
NAD 27 N: 374,293.67 E: 1,735,843.68
NAD 83 UTM N: 4,375,075.31 E: 548,453.98
Carnegie 13H Landing Point coordinates are
NAD 27 N: 375,537.77 E: 1,737,335.91
NAD 83 UTM N: 4,375,461.93 E: 548,902.30
Carnegie 13H Bottom Hole coordinates are
NAD 27 N: 391,832.94 E: 1,729,754.15
NAD 83 UTM N: 4,380,387.96 E: 546,509.76
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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Ben R. Singleton

P.S. 2092



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