

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: LIT51 7H (675528)

API: 47 - 103 - 03347

Submission: Initial Amended

Notes:

Reviewed

Kimberly L. Reynolds
8-22-2022

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Office of Oil and Gas

FEB 14 2022

WV Department of
Environmental Protection

09/09/2022

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

API 47-103-03347 County Wetzel District Center
Quad Littleton Pad Name Sizemore Field/Pool Name N/A
Farm name Anthony W. & Kimberly A. Sizemore Well Number LIT51 7H (675528)
Operator (as registered with the OOG) EQT Production Company
Address 2400 Ansys Drive, Suite 200 City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,388,555.87 Easting 540,417.72
Landing Point of Curve Northing 4,388,349.49 Easting 540,043.19
Bottom Hole Northing 4,391,425.54 Easting 536,867.87

Elevation (ft) 1148' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

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

Mud Type(s) and Additive(s)

Synthetic Oil Based Mud 13.65 ppg barium sulfate, sodium chloride, xanthan gum, 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 07/14/2020 02/05/2021 Date drilling commenced 07/21/2020 Date drilling ceased 02/19/2021
Date completion activities began 07/11/21 Date completion activities ceased 10/1/21
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 148, 654, 689 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1831 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 499,726,860 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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Environmental Protection

Reviewed by:

09/09/2022

API 47- 103 - 03347 Farm name Anthony W. & Kimberly A. Sizemore Well number LIT51 7H (675528)

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"	1144'	NEW	J-55 54.5#	855'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2457'	NEW	HCP-110 40#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	22,391'	NEW	HP-P110 20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 1054' GL, which is greater than 500' TVD above the producing formation. No issues during cement job.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (GL)	WOC (hrs)
Conductor	CLASS A	83	15.6	1.18	98	0	8+
Surface	CLASS A	975	16.0	1.13	1102	0	8
Coal							
Intermediate 1	CLASS A	830	15.6	1.18	979	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4390	15.2	1.15	5048	1054	8+
Tubing							

Drillers TD (ft) 22,415' Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 987'

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

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
 CONDUCTOR- NONE _____
 SURFACE- ON SHOE TRACK AND EVERY 500' TO SURFACE _____
 INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE _____
 PRODUCTION: ON SHOE TRACK AND EVERY JOINT TO 1903' _____

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 _____

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PERFORATION RECORD

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

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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

Please insert additional pages as applicable.

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	<u>TVD</u>	<u>MD</u>

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2,305 psi Bottom Hole NA psi DURATION OF TEST NA hrs

OPEN FLOW Gas 4,098 mcfpd Oil 0 bpd NGL 0 bpd Water 240 bpd GAS MEASURED BY 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)
	<u>0</u>		<u>0</u>		

Please insert additional pages as applicable.

Drilling Contractor Patterson UTI (Rig 292)
Address 207 Carlton Dr City Eighty Four State PA Zip 15330

Logging Company Baker Hughes
Address 400 Technology Dr Suite 100 City Canonsburg State PA Zip 15317

Cementing Company Halliburton
Address 121 Champion Way Suite 110 City Canonsburg State PA Zip 15317

Cementing Company Beusa Holdings, Inc. dba Evolution Well Services Operating, LLC.
Address 1780 Hughes Landing Blvd Suite 125 City The Woodlands State Texas Zip 77380

Please insert additional pages as applicable.

Completed by Adam Hughey Telephone 724-575-5475
Signature [Signature] Title Director of Completions Date 2022-2-9

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

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

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

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

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

Stimulating Company Evolution Well Services Operating, LLC
Address 1780 Hughes Landing Blvd Suite 125 City The Woodlands State TX Zip 77380

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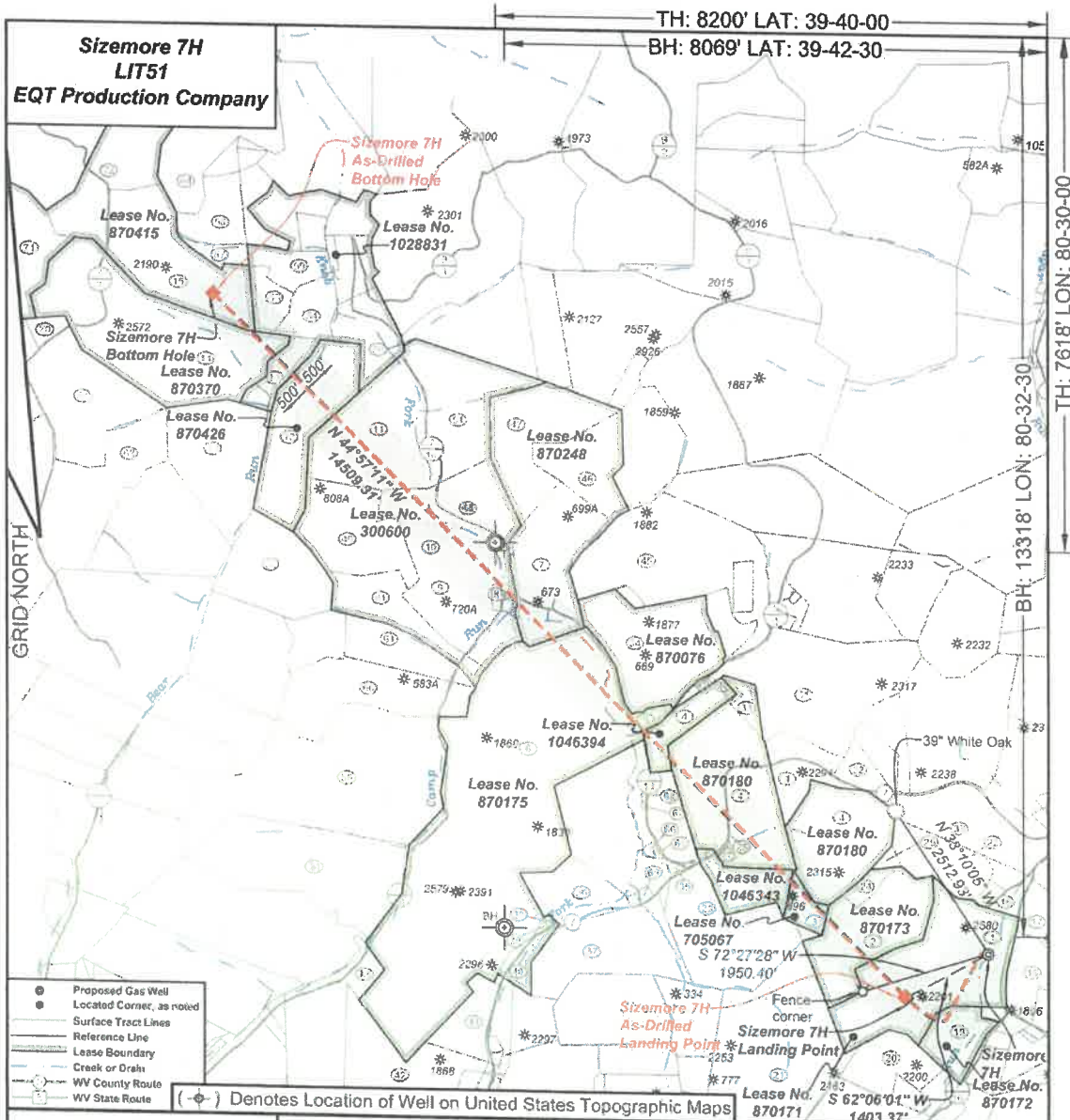
Well# Sizemore 7H (675528) Final Formations API# 47-103-03347				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	499	499
Waynesburg	499	499	503	503
Sand/Shale	503	503	727	727
Sewickley	727	727	733	733
Sand/Shale	733	733	860	860
Pittsburgh	860	860	863	863
Sand/Shale	863	863	2,211	2,209
Big Injun	2,211	2,209	2,335	2,333
Sand/Shale	2,335	2,333	2,479	2,477
Berea	2,479	2,477	2,733	2,730
Sand/Shale	2,733	2,730	2,819	2,816
Gantz	2,819	2,816	3,005	3,002
Fifty foot	3,005	3,002	3,073	3,070
Thirty foot	3,073	3,070	3,105	3,102
Sand/Shale	3,105	3,102	3,157	3,153
Bayard	3,157	3,153	3,603	3,594
Sand/Shale	3,603	3,594	3,666	3,656
Speechley	3,666	3,656	3,744	3,732
Balltown A	3,744	3,732	4,061	4,031
Sand/Shale	4,061	4,031	5,629	5,514
Alexander	5,629	5,514	6,072	5,933
Elk	6,072	5,933	7,049	6,854
Sonyea	7,049	6,854	7,223	7,005
Middlesex	7,223	7,005	7,278	7,048
Genesee	7,278	7,048	7,387	7,128
Geneseo	7,387	7,128	7,433	7,158
Tully	7,433	7,158	7,469	7,181
Hamilton	7,469	7,181	7,727	7,289
Marcellus	7,727	7,289	22,415	7,309

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

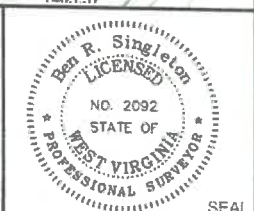
(-o-) Denotes Location of Well on United States Topographic Maps



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



FILE NO: 208-19
 DRAWING NO: Sizemore 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: February 23 20 21
 OPERATOR'S WELL NO.: Sizemore 7H
 API WELL NO
 47 - 103 - 03347
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1148' WATERSHED: Tributary of Sugar Run QUADRANGLE: Littleton
 DISTRICT: Center COUNTY: Wetzel
 SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
 ROYALTY OWNER: Anthony W. Sizemore LEASE NO: 870171 ACREAGE: 75.36
 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: 7,339'

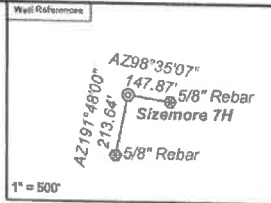
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280
 Canonsburg, PA 15317 Bridgeport, WV 26330

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**Sizemore 7H
LIT51
EQT Production Company**

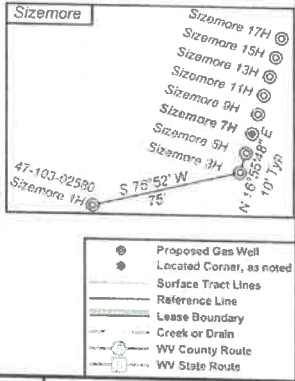
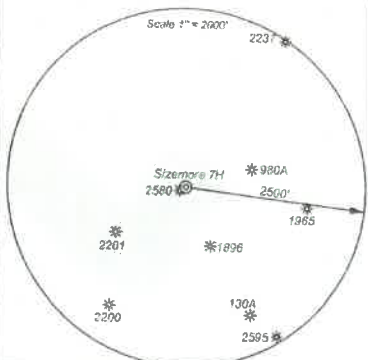
Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	14	9	Wetzel	Center	Andrew Sizemore	75.36
2	10	8	Wetzel	Center	Larry D. Roberts	44.50
3	16	6	Wetzel	Center	Marlyn E. Joffile	70.97
4	12	10	Wetzel	Center	Nancy E. Joffile	117.40
5	12	18	Wetzel	Center	Homer L. Pascale J. Herdler	3.48
6	12	16	Wetzel	Center	Nancy E. Joffile	308.81
7	12	10	Wetzel	Center	Flornie Huguenot	39.00
8	12	0.1	Wetzel	Center	Jefferson Little, et al	2.03
9	12	4	Wetzel	Center	Nancy E. Joffile	44.77
10	12	8	Wetzel	Center	Nancy E. Joffile	29.28
11	11	11	Wetzel	Center	Nancy E. Joffile	19.78
12	11	10	Wetzel	Center	Howard M. Henderson	48.98
13	11	0	Wetzel	Center	Howard M. Henderson	12.10
14	8	43	Wetzel	Center	Howard M. Henderson	119.00
15	8	64	Wetzel	Center	William D. Henderson	83.06
16	10	10.1	Wetzel	Center	Ray & Casandra (Scherling)	3.72
17	10	12	Wetzel	Center	Thomas Jones, et al	34.20
18	10	11	Wetzel	Center	Earl Nutt, et al	20.80
19	10	33	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	20.64
20	10	31	Wetzel	Center	Devona G. & Kelly M. Reed	12.11
21	10	28	Wetzel	Center	William J. Marie Ruvacoba Trup	84.21
22	12	31	Wetzel	Center	John G. "Jackey" et al	22.50
23	10	6	Wetzel	Center	Marlyn E. Thomas	20.81
24	10	7	Wetzel	Center	Larry D. Roberts	4.40
25	12	30	Wetzel	Center	Bryan & Heather Rau	1.50
26	12	10.1	Wetzel	Center	Nancy E. Joffile	0.71
27	12	10.2	Wetzel	Center	Marlyn E. Thomas	1.23
28	12	10.4	Wetzel	Center	Marlyn E. Thomas	1.15
29	12	13	Wetzel	Center	Nancy E. Joffile	1.80
30	12	20	Wetzel	Center	Jamie L. & Melissa G. Dent	1.00
31	12	21	Wetzel	Center	Jamie L. & Melissa G. Dent	78.38
32	12	10.0	Wetzel	Center	EQT Production Company	1.73
33	12	24	Wetzel	Center	Matthew L. Kennedy	81.87
34	12	17	Wetzel	Center	Panzy G. Rice	87.50
35	12	20	Wetzel	Center	Nancy E. Joffile	21.27
36	10	2	Wetzel	Center	Treasor G. Herdler, et al	29.80
37	10	5	Wetzel	Center	Steven D. & Tanya M. Kuhn	88.05
38	10	1.1	Wetzel	Center	Mt. Zion Baptist Church	2.50
39	10	32	Wetzel	Center	Mt. Zion Baptist Church	0.40
40	10	1	Wetzel	Center	Steven F. & Brenda L. Zappi	0.25
41	10	15.1	Wetzel	Center	Edward A. Clapper	14.58
42	15	37.4	Wetzel	Center	Henry & Marilyn Kennedy	81.81
43	15	20	Wetzel	Center	Thomas Jones, et al	30.80
44	15	7.1	Wetzel	Center	Steven P. & James R. Barba	81.75
45	12	11	Wetzel	Center	Louise R. & Leslie Anderson	79.83
46	12	5	Wetzel	Center	Flornie Huguenot	31.80
47	12	4	Wetzel	Center	Flornie Huguenot	30.00
48	12	3	Wetzel	Center	Nancy E. Joffile	20.80
49	11	20	Wetzel	Center	Nancy E. Joffile	43.76
50	8	54	Wetzel	Center	Howard M. Henderson	16.70
51	12	2	Wetzel	Center	Nancy E. Joffile	41.50
52	11	23	Wetzel	Center	James B. & Margie L. Monaghan	40.20
53	11	8	Wetzel	Center	James B. & Margie L. Monaghan	22.70
54	8	47	Wetzel	Center	Howard M. Henderson	14.78
55	8	55	Wetzel	Center	Ashley Murphy, et al	0.43
56	11	42	Wetzel	Center	Nicole J. & Ted J. Yononaka	128.45
57	8	45	Wetzel	Center	Howard M. Henderson	5.50
58	8	31.1	Wetzel	Center	Howard M. Henderson	18.43
59	8	46	Wetzel	Center	Howard M. Henderson	13.25
60	11	41	Wetzel	Center	Nancy E. Joffile	17.87
61	11	27	Wetzel	Center	Nancy E. Joffile	47.80
62	11	6.1	Wetzel	Center	Larry L. & Lois J. Diem	88.50
63	11	8	Wetzel	Center	Ray B. & Timmy R. Sapp	40.50
64	8	31	Wetzel	Center	Howard M. Henderson	84.30



As Drilled Well Information:
Sizemore 7H coordinates are
NAD 27 N: 418,968.90 E: 1,710,210.16
NAD 83 UTM N: 4,388,555.87 E: 540,417.72
Sizemore 7H Kick Out Point coordinates are
NAD 27 N: 418,970.87 E: 1,710,209.85
NAD 83 UTM N: 4,388,559.47 E: 540,417.55
Sizemore 7H Landing Point coordinates are
NAD 27 N: 418,312.23 E: 1,708,363.31
NAD 83 UTM N: 4,388,349.49 E: 540,043.19
Sizemore 7H Bottom Hole coordinates are
NAD 27 N: 428,580.29 E: 1,688,718.71
NAD 83 UTM N: 4,391,425.54 E: 538,867.87
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

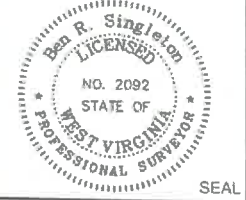
Tract I.D.	Tax Map No.	Parcel No.	County	Owner	Surface Tract Owner	Acres
65	12	26	Wetzel	Center	Roger R. & Dana F. Postelwast	0.30
66	12	27	Wetzel	Center	Roger R. & Dana F. Postelwast	0.50
67	12	19.5	Wetzel	Center	Janis & Terry Fisher	0.13
68	12	19.3	Wetzel	Center	Janis Fisher	0.25
69	10	4	Wetzel	Center	Nancy E. Joffile	1.20
70	11	6.2	Wetzel	Center	Roger L. & Sandra K. Wade	4.00
71	8	42	Wetzel	Center	Jeffrey P. & Howard M. Henderson	87.00
72	8	29	Wetzel	Center	Howard M. & William D. Henderson	87.50

Lease No.	Owner	Acres
870172	Anthony & Kimberly Sizemore	20.64
870173	Larry & Sharon Roberts	48.9
705067	Nancy E. Joffile, et al	8
870180	Nancy E. Joffile, et al	173.8
1046343	Nancy E. Joffile, et al	21.75
1046394	Nancy E. Joffile	13.5
870175	Acropolis, Inc., et al	287
870078	Panzy Rice Price, et al	87.5
870248	Maureen Ann Manley	94.55
300600	ET Blue Grass, et al	274
870426	Howard Henderson, et al	49
1028831	Janet McMasters, et al	19
870370	Green Dot Farm, Inc., et al	103.5
870415	Howard Henderson, et al	132.81



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.

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FILE NO: 208-19
DRAWING NO. Sizemore 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: February 23, 2021
OPERATOR'S WELL NO.: Sizemore 7H
API WELL NO: 47-103-02580-103347
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1148' WATERSHED: Tributary of Sugar Run QUADRANGLE: Littleton
DISTRICT: Center COUNTY: Wetzel
SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
ROYALTY OWNER: Anthony W. Sizemore LEASE NO: 870171 ACREAGE: 75.36
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: 7,339'

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

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Perforation Data

Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	09/14/2021	19527.0	19347	40	Marcellus
3	09/14/2021	19329.0	19149	40	Marcellus
4	09/15/2021	19131.0	18951	40	Marcellus
5	09/15/2021	18930.0	18753	40	Marcellus
6	09/15/2021	18731.0	18555	40	Marcellus
7	09/15/2021	18534.0	18357	40	Marcellus
8	09/16/2021	18337.0	18159	40	Marcellus
9	09/16/2021	18139.0	17961	40	Marcellus
10	09/16/2021	17941.0	17763	40	Marcellus
11	09/17/2021	17743.0	17565	40	Marcellus
12	09/17/2021	17544.0	17367	40	Marcellus
13	09/17/2021	17345.0	17169	40	Marcellus
14	09/17/2021	17148.0	16971	40	Marcellus
15	09/17/2021	16950.0	16773	40	Marcellus
16	09/18/2021	16752.0	16575	40	Marcellus
17	09/18/2021	16555.0	16377	40	Marcellus
18	09/18/2021	16354.0	16179	40	Marcellus
19	09/18/2021	16159.0	15981	40	Marcellus
20	09/19/2021	15961.0	15783	40	Marcellus
21	09/19/2021	15761.0	15585	40	Marcellus
22	09/19/2021	15564.0	15387	40	Marcellus
23	09/19/2021	15368.0	15189	40	Marcellus
24	09/20/2021	15169.0	14991	40	Marcellus
25	09/20/2021	14970.0	14793	40	Marcellus
26	09/20/2021	14771.0	14595	40	Marcellus
27	09/20/2021	14575.0	14397	40	Marcellus
28	09/21/2021	14377.0	14199	40	Marcellus
29	09/21/2021	14178.0	14001	40	Marcellus
30	09/21/2021	13980.0	13803	40	Marcellus
31	09/21/2021	13783.0	13605	40	Marcellus
32	09/22/2021	13585.0	13407	40	Marcellus
33	09/22/2021	13384.4	13209	40	Marcellus
34	09/22/2021	13187.0	13011	40	Marcellus
35	09/22/2021	12991.0	12813	40	Marcellus
36	09/23/2021	12791.0	12615	40	Marcellus
37	09/23/2021	12593.6	12417	40	Marcellus
38	09/23/2021	12398.0	12219	40	Marcellus
39	09/23/2021	12199.0	12021	40	Marcellus
40	09/24/2021	12001.0	11823	40	Marcellus
41	09/24/2021	11802.0	11625	40	Marcellus
42	09/24/2021	11603.9	11427	40	Marcellus
43	09/24/2021	11405.6	11229	40	Marcellus
44	09/24/2021	11208.0	11031	40	Marcellus

45	09/24/2021	11010.0	10833	40	Marcellus
46	09/25/2021	10812.0	10635	40	Marcellus
47	09/25/2021	10613.9	10437	40	Marcellus
48	09/25/2021	10416.2	10239	40	Marcellus
49	09/25/2021	10219.0	10041	40	Marcellus
50	09/26/2021	10018.4	9843	40	Marcellus
51	09/26/2021	9821.5	9645	40	Marcellus
52	09/26/2021	9625.0	9447	40	Marcellus
53	09/27/2021	9426.0	9249	40	Marcellus
54	09/27/2021	9228.0	9051	40	Marcellus
55	09/30/2021	9033.0	8853	40	Marcellus
56	10/01/2021	8835.0	8695	32	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 (bbbls)	Amount of Nitrogen/other (units)
1	09/14/2021	65	8471	8948	4868	176120	4625	
2	09/14/2021	93	9403	5961	5826	440110	10011	
3	09/15/2021	101	9367	5505	6350	440049	9921	
4	09/15/2021	98	9387	5999	5425	440235	9893	
5	09/15/2021	91	9378	6006	5488	440160	9753	
6	09/15/2021	92	9403	6091	4530	440229	9824	
7	09/16/2021	92	9405	6044	5483	440159	9817	
8	09/16/2021	93	9371	5881	5667	440038	9780	
9	09/16/2021	95	9385	5981	5044	440082	9779	
10	09/16/2021	99	9380	5945	5626	440228	9803	
11	09/17/2021	98	9390	5792	5879	440212	9774	
12	09/17/2021	97	9369	5990	5607	440043	9778	
13	09/17/2021	97	9390	6103	5572	440097	9827	
14	09/17/2021	98	9397	6192	5995	440138	9749	
15	09/18/2021	100	9372	6010	6074	440086	9723	
16	09/18/2021	100	9317	6036	5765	440038	9742	
17	09/18/2021	100	9341	5767	5589	440140	9771	
18	09/18/2021	99	9362	6071	5472	440001	9761	
19	09/18/2021	100	9352	6098	5667	440294	9710	
20	09/19/2021	97	9383	6092	5353	440138	9691	
21	09/19/2021	99	9279	6044	5731	440017	10043	
22	09/19/2021	99	9385	6225	5017	440612	9702	
23	09/19/2021	100	9251	5989	5278	440023	9682	
24	09/20/2021	100	9309	6105	5352	440055	9663	
25	09/20/2021	100	9329	6056	6104	440002	9753	
26	09/20/2021	100	9274	6069	5314	440441	9679	
27	09/21/2021	100	9298	5909	5394	440055	9671	
28	09/21/2021	100	9293	6147	5176	440122	9673	
29	09/21/2021	100	9320	5960	5481	440002	9638	
30	09/21/2021	100	9195	5836	5078	440163	9634	
31	09/22/2021	100	9097	5862	5121	440003	9608	
32	09/22/2021	100	9221	5842	5427	440087	9691	
33	09/22/2021	100	9072	5876	5456	440077	9643	
34	09/22/2021	100	9030	5886	5321	440161	9583	
35	09/23/2021	100	9219	5916	5390	440023	9597	
36	09/23/2021	100	9199	7156	5282	440113	9760	
37	09/23/2021	100	9158	9138	5240	440246	9661	
38	09/23/2021	100	9229	5998	4929	440122	9631	
39	09/24/2021	100	9062	5759	5244	440139	9547	
40	09/24/2021	100	9221	5755	5102	440197	9574	
41	09/24/2021	100	9138	5789	5329	440036	9611	
42	09/24/2021	100	9082	6466	5097	440032	9563	
43	09/24/2021	100	9206	6458	5397	439939	9621	

09/09/2022

44	09/24/2021	100	9141	5773	5209	440086	9516
45	09/25/2021	100	9014	5859	5345	440194	9546
46	09/25/2021	100	9259	7281	5273	440032	9628
47	09/25/2021	100	9322	5807	5181	440071	9542
48	09/25/2021	100	9057	6026	5268	440234	9521
49	09/26/2021	100	9204	5907	5501	440020	9508
50	09/26/2021	98	9366	5812	5760	440144	9554
51	09/26/2021	100	9241	6801	5803	440019	9537
52	09/27/2021	100	9234	6143	5257	440102	9472
53	09/27/2021	99	9177	6570	5051	440194	9694
54	09/30/2021	100	9153	6202	5211	440148	9525
55	10/01/2021	100	9125	6046	5428	440107	9518
56	10/01/2021	87	9382	6431	5289	352132	7518

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/11/2021
Job End Date:	10/1/2021
State:	West Virginia
County:	Wetzel
API Number:	47-103-03347-00-00
Operator Name:	EQT Production
Well Name and Number:	Sizemore 7H
Latitude:	39.64583760
Longitude:	-80.52892680
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,337
Total Base Water Volume (gal):	30,622,410
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

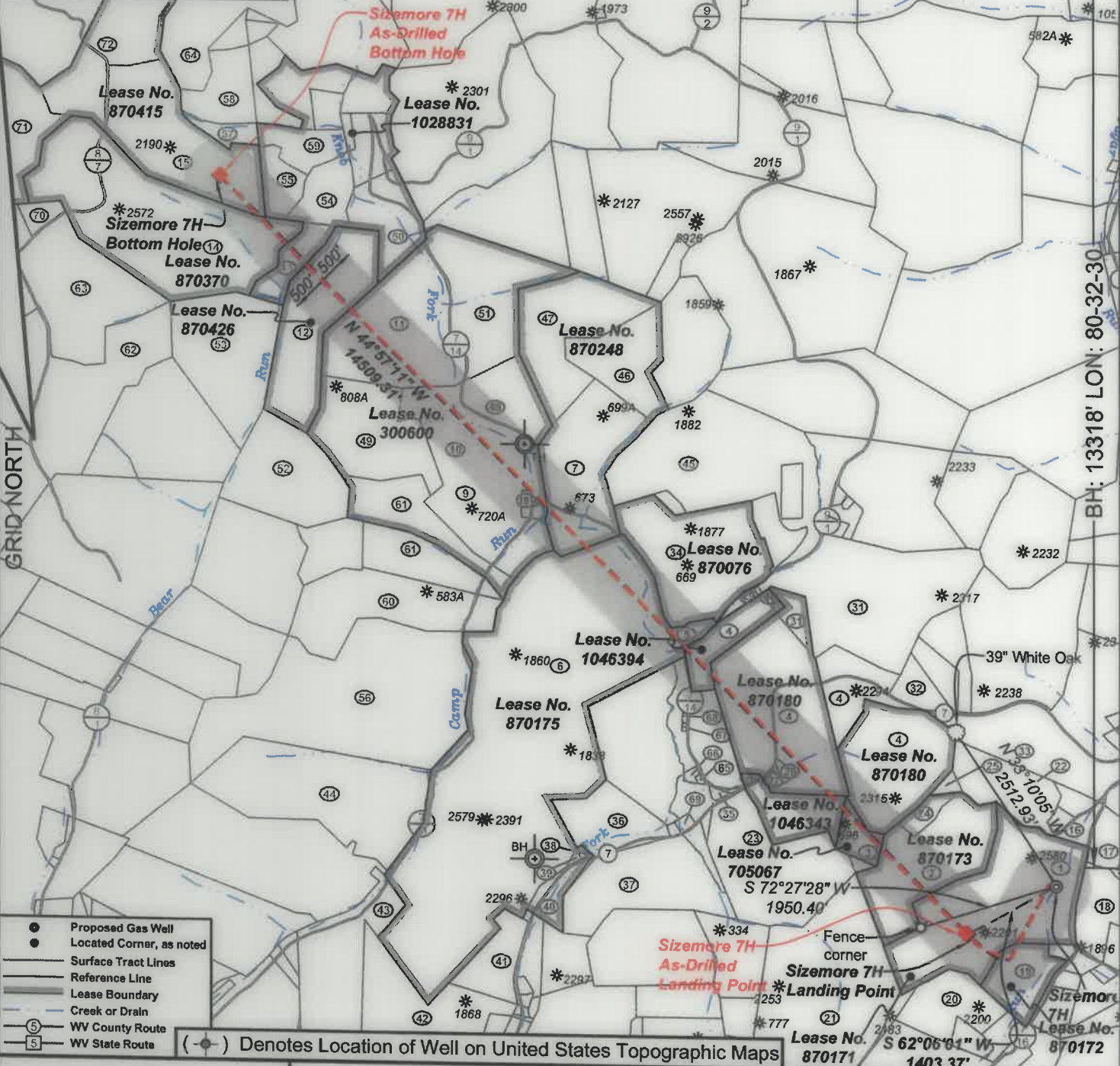
Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	EQT	Carrier/Base Fluid	Water	7732-18-5	100.00000	88.61760	None
Sand (Proppant)	EQT	Proppant	Silica Substrate	14808-60-7	100.00000	11.17440	None
FR-9800	ChemStream	Friction Reducer	Copolymer of 2-propenamide	Proprietary	30.00000	0.00910	None
Clearal 268	ChemStream	Biocide	Non-hazardous substances	Proprietary	80.00000	0.00900	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor	Non-hazardous substances	Proprietary	90.00000	0.00760	None
FR-9800	ChemStream	Friction Reducer	Petroleum Distillate	54742-47-8	20.00000	0.00410	None
HCl	Beusa Holdings, Inc. dba Evolution Well Services Operating, LLC.	Acid	Hydrogen Chloride	7647-01-0	15.00000	0.00190	None
Clearal 268	ChemStream	Biocide	Glutaraldehyde	111-30-8	20.00000	0.00060	None

**Sizemore 7H
LIT51
EQT Production Company**

TH: 8200' LAT: 39-40-00
BH: 8069' LAT: 39-42-30

TH: 7618' LON: 80-30-00

BH: 13318' LON: 80-32-30

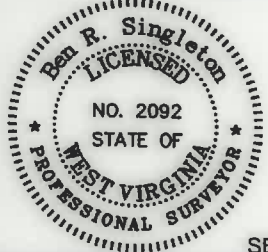


- Proposed Gas Well
 - Located Corner, as noted
 - Surface Tract Lines
 - Reference Line
 - Lease Boundary
 - Creek or Drain
 - ⑤ WV County Route
 - ⑤ WV State Route
- (●) Denotes Location of Well on United States Topographic Maps



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: 208-19
DRAWING NO: Sizemore 7H
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



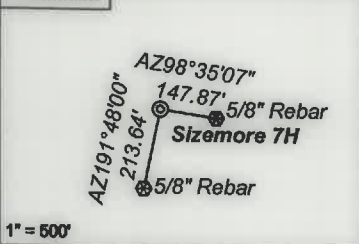
DATE: February 23 20 21
OPERATOR'S WELL NO.: Sizemore 7H
API WELL NO
47 - 103 - 03347
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1148' WATERSHED Tributary of Sugar Run QUADRANGLE: Littleton
DISTRICT: Center COUNTY: Wetzel
SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
ROYALTY OWNER: Anthony W. Sizemore LEASE NO: 870171 ACREAGE: 75.36
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: 7,339'

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

**Sizemore 7H
LIT51
EQT Production Company**

Well References

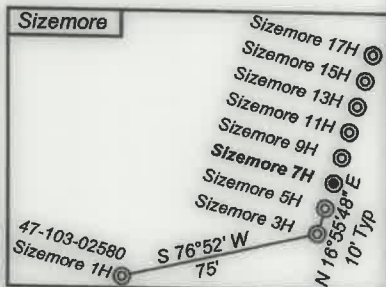
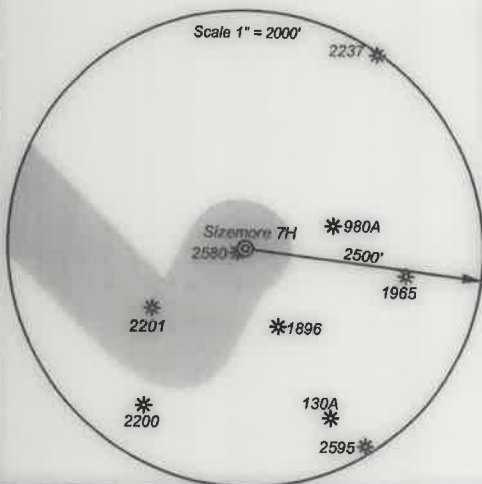


As Drilled Well Information:
 Sizemore 7H coordinates are
 NAD 27 N: 418,968.90 E: 1,710,210.16
 NAD 83 UTM N: 4,388,555.87 E: 540,417.72
 Sizemore 7H Kick Out Point coordinates are
 NAD 27 N: 418,970.87 E: 1,710,209.65
 NAD 83 UTM N: 4,388,556.47 E: 540,417.55
 Sizemore 7H Landing Point coordinates are
 NAD 27 N: 418,312.23 E: 1,708,969.91
 NAD 83 UTM N: 4,388,349.49 E: 540,043.19
 Sizemore 7H Bottom Hole coordinates are
 NAD 27 N: 428,580.29 E: 1,698,718.71
 NAD 83 UTM N: 4,391,425.54 E: 536,867.87
 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.

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	16	9	Wetzel	Center	Anthony Sizemore	75.36
2	16	8	Wetzel	Center	Larry D. Roberts	44.50
3	16	6	Wetzel	Center	Marlyn E. Thomas	70.97
4	12	19	Wetzel	Center	Nancy E. Jolliffe	173.10
5	12	18	Wetzel	Center	Homer L. Patricia J. Hostutler	3.48
6	12	16	Wetzel	Center	Nancy E. Jolliffe	308.81
7	12	10	Wetzel	Center	Florine Huggins	56.00
8	12	9.1	Wetzel	Center	Jefferson Littlell, et al.	2.03
9	12	9	Wetzel	Center	Nancy E. Jolliffe	44.77
10	12	8	Wetzel	Center	Nancy E. Jolliffe	26.25
11	11	11	Wetzel	Center	Nancy E. Jolliffe	59.75
12	11	10	Wetzel	Center	Howard M. Henderson	49.00
13	11	9	Wetzel	Center	Howard M. Henderson	10.10
14	8	43	Wetzel	Center	Howard M. Henderson	112.00
15	8	44	Wetzel	Center	William D. Henderson	65.00
16	16	10.1	Wetzel	Center	Ray & Cassandra Stoneking	5.72
17	16	12	Wetzel	Center	Thomas Jones, et al.	34.20
18	16	11	Wetzel	Center	Earl Null, et al.	20.00
19	16	33	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	20.64
20	16	31	Wetzel	Center	Devona D. & Kelly M. Reed	18.25
21	16	28	Wetzel	Center	William J. Morris Revocable Trust	93.25
22	12	31	Wetzel	Center	John S. Starkay, et al.	22.50
23	16	6	Wetzel	Center	Marlyn E. Thomas	70.97
24	16	7	Wetzel	Center	Larry D. Roberts	4.40
25	12	30	Wetzel	Center	Bryan & Heather Rizer	1.50
26	12	19.1	Wetzel	Center	Nancy E. Jolliffe	0.71
27	12	19.2	Wetzel	Center	Marlyn E. Thomas	1.23
28	12	19.4	Wetzel	Center	Marlyn E. Thomas	1.15
29	12	13	Wetzel	Center	Nancy E. Jolliffe	1.80
30	12	20	Wetzel	Center	Jamie L. & Melissa G. Dent	1.00
31	12	21	Wetzel	Center	Jamie L. & Melissa G. Dent	78.30
32	12	19.6	Wetzel	Center	EQT Production Company	1.70
33	12	24	Wetzel	Center	Melihew L. Kennedy	87.87
34	12	17	Wetzel	Center	Panzy O. Rice	67.50
36	12	29	Wetzel	Center	Nancy E. Jolliffe	2.27
36	16	2	Wetzel	Center	Trevor G. Hostutler, et al.	21.50
37	16	5	Wetzel	Center	Shaun D. & Tamra M. Kuhn	48.00
38	16	1.1	Wetzel	Center	Mt. Zion Baptist Church	0.50
39	16	82	Wetzel	Center	Mt. Zion Baptist Church	0.49
40	16	1	Wetzel	Center	Steven P. & Brenda L. Sams	0.25
41	16	13.1	Wetzel	Center	Edward A. Glaser	15.59
42	15	27.1	Wetzel	Center	Harry & Marilyn Kennedy	61.31
43	15	26	Wetzel	Center	Thomas Moore, et al.	50.90
44	15	7.1	Wetzel	Center	Steven P. & James R. Barbe	81.75
45	12	11	Wetzel	Center	Lonnie R. & Judith Anderson	79.83
46	12	5	Wetzel	Center	Florine Huggins	35.80
47	12	4	Wetzel	Center	Florine Huggins	35.00
48	12	3	Wetzel	Center	Nancy E. Jolliffe	20.80
49	11	26	Wetzel	Center	Nancy E. Jolliffe	43.00
50	8	54	Wetzel	Center	Howard M. Henderson	19.00
51	12	2	Wetzel	Center	Nancy E. Jolliffe	44.50
52	11	23	Wetzel	Center	James B. & Margie L. Montgomery	40.00
53	11	8	Wetzel	Center	James B. & Margie L. Montgomery	52.00
54	8	47	Wetzel	Center	Howard M. Henderson	14.75
55	8	55	Wetzel	Center	Ashley Murphy, et al.	9.43
56	11	42	Wetzel	Center	Nicole J. & Ted J. Yowonaka	128.40
57	8	45	Wetzel	Center	Howard M. Henderson	5.50
58	8	31.1	Wetzel	Center	Howard M. Henderson	18.43
59	8	46	Wetzel	Center	Howard M. Henderson	13.20
60	11	41	Wetzel	Center	Nancy E. Jolliffe	47.07
61	11	27	Wetzel	Center	Nancy E. Jolliffe	47.90
62	11	6.1	Wetzel	Center	Larry L. & Lois J. Deem	94.50
63	11	6	Wetzel	Center	Ray S. & Timmy R. Sapp	90.50
64	8	31	Wetzel	Center	Howard M. Henderson	64.78

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
65	12	28	Wetzel	Center	Roger R. & Diana F. Postelthwait	0.30
66	12	27	Wetzel	Center	Roger R. & Diana F. Postelthwait	0.59
67	12	19.5	Wetzel	Center	Janis & Terry Fisher	0.15
68	12	19.3	Wetzel	Center	Janis Fisher	0.35
69	16	4	Wetzel	Center	Nancy E. Jolliffe	1.20
70	11	6.2	Wetzel	Center	Roger L. & Sandra K. Wade	4.00
71	8	42	Wetzel	Center	Jeffrey P. & Howard M. Henderson	67.00
72	8	29	Wetzel	Center	Howard M. & William D. Henderson	57.00

Lease No.	Owner	Acres
870172	Anthony & Kimberly Sizemore	20.64
870173	Larry & Sharon Roberts	48.9
705067	Nancy E. Jolliffe, et al.	8
870180	Nancy E. Jolliffe, et al.	173.8
1046343	Nancy E. Jolliffe, et al.	21.75
1046394	Nancy E. Jolliffe	13.5
870175	Acropolis, Inc., et al.	287
870076	Panzy Rice Price, et al.	67.5
870248	Maureen Ann Manley	94.55
300600	ET Blue Grass, et al.	274
870426	Howard Henderson, et al.	49
1028831	Janet McMasters, et al.	19
870370	Green Dot Farm, Inc., et al.	103.5
870415	Howard Henderson, et al.	132.81



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



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: 208-19
 DRAWING NO: Sizemore 7H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: February 23 20 21
 OPERATOR'S WELL NO.: Sizemore 7H
 API WELL NO
 47 - 103 - 03347
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1148' WATERSHED Tributary of Sugar Run QUADRANGLE: Littleton
 DISTRICT: Center COUNTY: Wetzel
 SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
 ROYALTY OWNER: Anthony W. Sizemore LEASE NO: 870171 ACREAGE: 75.36
 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: 7,339'

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