

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: LIT51 9H (675529)

API: 47 - 103 - 03348

Submission:  Initial  Amended

Notes:

Reviewed

*Tarnith Karpole* 8-22-2022

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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 - 03348 County Wetzel District Center  
Quad Littleton Pad Name Sizemore Field/Pool Name N/A  
Farm name Anthony W. & Kimberly A. Sizemore Well Number LIT51 9H (675529)  
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 4,388,558.80 Easting 540,418.56  
Landing Point of Curve Northing 4,389,353.16 Easting 539,454.85  
Bottom Hole Northing 4,391,631.90 Easting 537,084.94

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 14.15 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 07/16/2020 Date drilling commenced 07/21/2020 Date drilling ceased 02/24/2021  
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

MAR 17 2022

Reviewed by:

API 47- 103 - 03348 Farm name Anthony W. & Kimberly A. Sizemore Well number LIT51 9H (675529)

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"	1146'	NEW	J-55 54.5#	855'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2475'	NEW	P-110 40#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	19,623'	NEW	HP-P110 20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 1183' 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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	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	864	15.6	1.18	1019	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3820	15.2	1.15	4393	1183	8+
Tubing							

Drillers TD (ft) 19,647' Loggers TD (ft) N/A  
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) 1153'

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 1929' \_\_\_\_\_

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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API 47- 103 - 03348 Farm name Anthony W. & Kimberly A. Sizemore Well number LIT51 9H (675529)

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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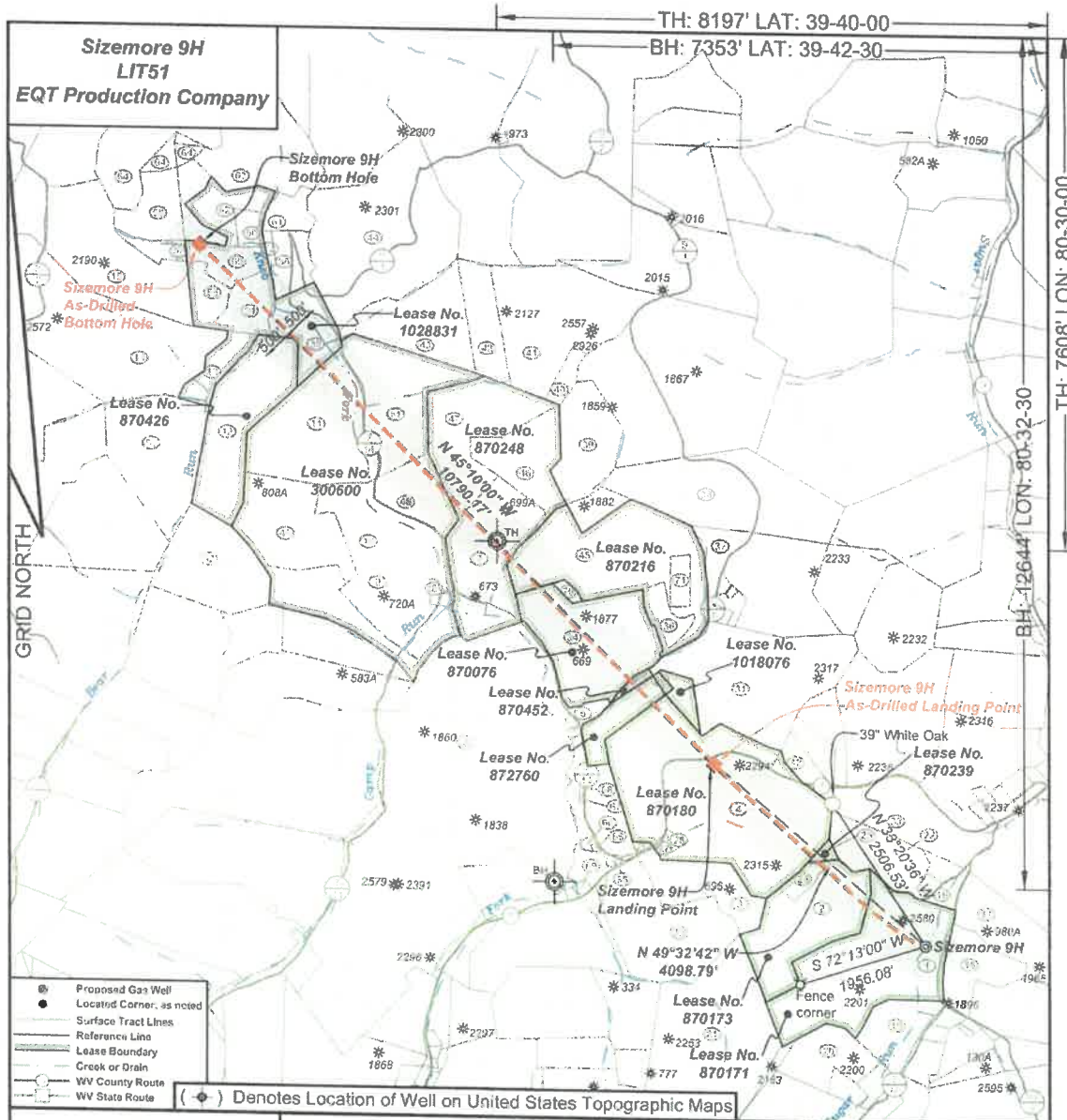
Well # Sizemore 9H 675529 Final Formations API# 47-103-03348				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	443	443
Waynesburg	443	443	499	499
Sand/Shale	499	499	737	737
Sewickley	737	737	741	741
Sand/Shale	741	741	882	882
Pittsburgh	882	882	892	892
Sand/Shale	892	892	2,211	2,202
Big Injun	2,211	2,202	2,335	2,323
Sand/Shale	2,335	2,323	2,479	2,464
Berea	2,479	2,464	2,733	2,712
Sand/Shale	2,733	2,712	2,819	2,796
Gantz	2,819	2,796	3,005	2,976
Fifty foot	3,005	2,976	3,073	3,040
Thirty foot	3,073	3,040	3,105	3,070
Sand/Shale	3,105	3,070	3,157	3,119
Bayard	3,157	3,119	3,603	3,504
Sand/Shale	3,603	3,504	3,666	3,553
Speechley	3,666	3,553	3,744	3,613
Balltown A	3,744	3,613	4,061	3,857
Sand/Shale	4,061	3,857	5,629	5,056
Alexander	5,629	5,056	6,072	5,385
Elk	6,072	5,385	7,987	6,835
Sonyea	7,987	6,835	8,183	6,983
Middlesex	8,183	6,983	8,241	7,027
Genesee	8,241	7,027	8,349	7,105
Geneseo	8,349	7,105	8,394	7,134
Tully	8,394	7,134	8,430	7,156
Hamilton	8,430	7,156	8,671	7,260
Marcellus	8,671	7,260	19,647	7,293

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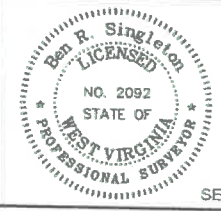
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route

( \* ) 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



FILE NO.: 208-19  
DRAWING NO.: Sizemore 9H  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: 1:2500  
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: March 1 20 21  
OPERATOR'S WELL NO.: Sizemore 9H  
API WELL NO  
47 - 103 - 03348  
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: 7,335'

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

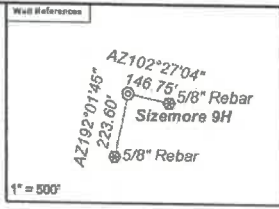
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**Sizemore 9H  
LIT51  
EQT Production Company**

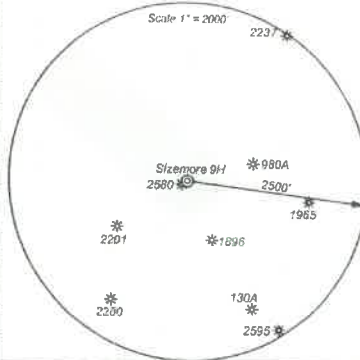
Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	18	6	Wetzel	Center	Anthony Sizemore	19.98
2	18	8	Wetzel	Center	Larry D. Roberts	44.90
3	16	6	Wetzel	Center	Marilyn E. Thomas	10.67
4	12	10	Wetzel	Center	Nancy E. Joffle	1.72
5	12	16	Wetzel	Center	Horner L. Patricia J. Hoastler	9.48
6	12	16	Wetzel	Center	Nancy E. Joffle	308.67
7	12	16	Wetzel	Center	Florine Huggins	168.00
8	12	0.1	Wetzel	Center	Jefferson Little, et al.	2.69
9	12	6	Wetzel	Center	Nancy E. Joffle	44.77
10	12	8	Wetzel	Center	Nancy E. Joffle	26.28
11	11	11	Wetzel	Center	Nancy E. Joffle	98.75
12	11	10	Wetzel	Center	Howard M. Henderson	49.00
13	11	6	Wetzel	Center	Howard M. Henderson	10.90
14	8	40	Wetzel	Center	Howard M. Henderson	113.00
15	8	44	Wetzel	Center	William D. Henderson	85.00
16	10	10.1	Wetzel	Center	Ray & Cassandra Stowling	5.72
17	10	12	Wetzel	Center	Thomas Jones, et al.	14.28
18	10	11	Wetzel	Center	Earl Nutt, et al.	26.00
19	10	23	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	23.84
20	10	31	Wetzel	Center	Deanna D. & Kelly M. Reed	18.75
21	10	28	Wetzel	Center	William J. Morris Revocable Trust	63.21
22	12	01	Wetzel	Center	John S. Starkey, et al.	77.90
23	10	4	Wetzel	Center	Marilyn E. Thomas	10.97
24	16	7	Wetzel	Center	Larry D. Roberts	4.40
25	12	30	Wetzel	Center	Bryan & Heather Rizer	1.50
26	12	18.1	Wetzel	Center	Nancy E. Joffle	0.71
27	12	19.2	Wetzel	Center	Marilyn E. Thomas	1.23
28	12	19.4	Wetzel	Center	Marilyn E. Thomas	1.15
29	12	19	Wetzel	Center	Nancy E. Joffle	1.20
30	12	20	Wetzel	Center	Jimmie L. & Melissa G. Dent	1.90
31	12	21	Wetzel	Center	Jimmie L. & Melissa G. Dent	18.30
32	12	19.6	Wetzel	Center	EQT Production Company	1.50
33	12	24	Wetzel	Center	Matthew L. Kennedy	87.67
34	10	17	Wetzel	Center	Panzy O. Rice	87.30
35	12	20	Wetzel	Center	Nancy E. Joffle	2.27
36	12	11.1	Wetzel	Center	Himothy C. White, Jr	3.32
37	12	11.2	Wetzel	Center	John Jrosch	0.35
38	12	7	Wetzel	Center	George H. & Elizabeth Wilmore	61.78
39	12	8	Wetzel	Center	Kevin C. & Rebecca A. Struve	88.79
40	6	06.1	Wetzel	Clay	Brian K. & Anna M. Watson	1.54
41	6	26	Wetzel	Clay	Ernest J. & Nancy L. Watson	98.67
42	6	7	Wetzel	Clay	Ernest J. & Nancy L. Watson	22.47
43	6	06	Wetzel	Center	Ashley Murphy, et al	17.83
44	6	1	Wetzel	Clay	Charles G. & Carol J. Ramsdell	40.29
45	12	11	Wetzel	Center	Lorrie R. & Judith Anderson	79.91
46	12	5	Wetzel	Center	Florine Huggins	155.30
47	12	4	Wetzel	Center	Florine Huggins	85.68
48	12	3	Wetzel	Center	Nancy E. Joffle	20.66
49	11	20	Wetzel	Center	Nancy E. Joffle	63.01
50	8	54	Wetzel	Center	Howard M. Henderson	19.30
51	12	2	Wetzel	Center	Nancy E. Joffle	64.50
52	11	23	Wetzel	Center	James B. & Margie L. Montgomery	40.00
53	11	8	Wetzel	Center	James B. & Margie L. Montgomery	13.00
54	8	67	Wetzel	Center	Howard M. Henderson	1.29
55	8	55	Wetzel	Center	Ashley Murphy, et al	6.45
56	6	32	Wetzel	Clay	Howard M. Henderson	10.11
57	6	45	Wetzel	Center	Howard M. Henderson	5.58
58	6	31.1	Wetzel	Center	Howard M. Henderson	168.43
59	6	48	Wetzel	Center	Howard M. Henderson	178.00
60	6	52	Wetzel	Center	Ashley Murphy, et al.	3.30
61	6	51	Wetzel	Center	Howard M. Henderson	4.00
62	6	63	Wetzel	Center	Ashley Murphy, et al.	26.38
63	6	50	Wetzel	Center	Robert D. Murphy, et al.	17.28
64	6	31	Wetzel	Center	Howard M. Henderson	94.78



**As Drilled Well Information:**  
**Sizemore 9H coordinates are:**  
 NAD 27 N: 416,978.46 E: 1,710,213.07  
 NAD 83 UTM N: 4,389,558.80 E: 540,418.58  
**Sizemore 9H Kick Out Point coordinates are:**  
 NAD 27 N: 418,978.60 E: 1,710,214.30  
 NAD 83 UTM N: 4,389,558.85 E: 540,418.93  
**Sizemore 9H Landing Point coordinates are:**  
 NAD 27 N: 421,837.98 E: 1,707,094.23  
 NAD 83 UTM N: 4,389,353.16 E: 539,454.65  
**Sizemore 9H Bottom Hole coordinates are:**  
 NAD 27 N: 425,245.55 E: 1,699,442.26  
 NAD 83 UTM N: 4,391,631.00 E: 537,084.94  
 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
65	12	29	Wetzel	Center	Roger R. & Diana F. Postherwald	6.30
66	12	27	Wetzel	Center	Roger R. & Diana F. Postherwald	0.36
67	12	10.5	Wetzel	Center	Janis & Terry Fisher	6.15
68	12	10.3	Wetzel	Center	Janis Fisher	6.35
69	16	4	Wetzel	Center	Nancy E. Joffle	1.20
70	12	12.1	Wetzel	Center	Phony O. Rice	2.00
71	12	11.3	Wetzel	Center	Lorrie R. & Judith Anderson	5.00
72	8	30	Wetzel	Clay	Ashley Murphy, et al.	1.75

Lease No.	Owner	Acres
870173	Larry Roberts & Sharon Roberts	48.9
870239	Bryan Rizer & Heather Rizer	1.5
870180	Nancy E. Joffle, et al.	173.8
870180.22	Nancy E. Joffle	20
1018078	Allen Staggars, et al.	15.3
872760	Nancy Joffle	13.5 & 28
870452	Nancy E. Joffle	43.05
870076	Panzy Rice Price, et al.	67.5
870216	Howard Henderson, et al.	92.4
870248	Richard Manley & Maureen Manley, et al.	94.55
300500	ET Blue Grass, et al.	274
1028331	Sandra S. Zubeck, et al.	19
870426	Howard Henderson, et al.	49



**Sizemore**

Sizemore 17H  
 Sizemore 15H  
 Sizemore 13H  
 Sizemore 11H  
 Sizemore 9H  
 Sizemore 7H  
 Sizemore 5H  
 Sizemore 3H  
 Sizemore 1H

47-113-02560  
 Sizemore 1H

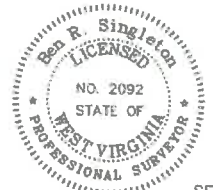
S 75°52' W  
 75'

Legend:  
 ● 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



FILE NO: 208-19  
 DRAWING NO: Sizemore 9H  
 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: March 1 20 21  
 OPERATOR'S WELL NO.: Sizemore 9H  
 API WELL NO: 47 - 103 - 03348  
 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: 7,335'

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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09/09/2022

# Perforation Data

Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	08/20/2021	19583	19404	40	Marcellus
3	08/20/2021	19386	19205	40	Marcellus
4	08/20/2021	19186	19006	40	Marcellus
5	08/21/2021	18988	18807	40	Marcellus
6	08/22/2021	18789	18608	40	Marcellus
7	08/22/2021	18590	18409	40	Marcellus
8	08/23/2021	18389	18210	40	Marcellus
9	08/23/2021	18190	18011	40	Marcellus
10	08/24/2021	17993	17812	40	Marcellus
11	08/25/2021	17794	17613	40	Marcellus
12	08/25/2021	17595	17414	40	Marcellus
13	08/26/2021	17396	17215	40	Marcellus
14	08/26/2021	17194	17016	40	Marcellus
15	08/27/2021	16997	16817	40	Marcellus
16	08/27/2021	16797	16618	40	Marcellus
17	08/28/2021	16595	16419	40	Marcellus
18	08/28/2021	16399	16220	40	Marcellus
19	08/29/2021	16201	16021	40	Marcellus
20	08/30/2021	16001	15822	40	Marcellus
21	08/30/2021	15801	15623	40	Marcellus
22	08/31/2021	15603	15424	40	Marcellus
23	08/31/2021	15406	15225	40	Marcellus
24	09/01/2021	15207	15026	40	Marcellus
25	09/01/2021	15008	14827	40	Marcellus
26	09/02/2021	14808	14628	40	Marcellus
27	09/02/2021	14610	14429	36	Marcellus
28	09/03/2021	14411	14230	40	Marcellus
29	09/03/2021	14209	14031	40	Marcellus
30	09/03/2021	14013	13832	40	Marcellus
31	09/03/2021	13814	13633	40	Marcellus
32	09/04/2021	13615	13434	40	Marcellus
33	09/04/2021	13412	13235	40	Marcellus
34	09/04/2021	13214	13036	40	Marcellus
35	09/04/2021	13018	12837	40	Marcellus
36	09/05/2021	12819	12638	40	Marcellus
37	09/05/2021	12617	12439	40	Marcellus
38	09/05/2021	12417	12240	40	Marcellus
39	09/05/2021	12222	12041	40	Marcellus
40	09/06/2021	12020	11842	40	Marcellus
41	09/06/2021	11824	11643	40	Marcellus
42	09/07/2021	11625	11444	40	Marcellus
43	09/07/2021	11423	11245	40	Marcellus
44	09/07/2021	11227	11046	40	Marcellus

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45	09/08/2021	11028	10847	40	Marcellus
46	09/08/2021	10829	10648	40	Marcellus
47	09/09/2021	10630	10449	40	Marcellus
48	09/09/2021	10431	10250	40	Marcellus
49	09/09/2021	10232	10051	40	Marcellus
50	09/09/2021	10033	9852	40	Marcellus
51	09/10/2021	9834	9653	40	Marcellus
52	09/10/2021	9635	9454	40	Marcellus
53	09/11/2021	9436	9255	40	Marcellus
54	09/11/2021	9237	9056	40	Marcellus
55	09/12/2021	9038	8857	40	Marcellus
56	09/12/2021	8839	8658	40	Marcellus

# Stimulation Data

Stage #	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	08/19/2021	71	9104	8708	4197	176474	9598	
2	08/20/2021	99	9313	6140	5185	443333	9837	
3	08/20/2021	100	9298	5819	5493	440186	10204	
4	08/21/2021	100	9267	5415	5559	440020	10223	
5	08/22/2021	100	9169	5891	6011	440081	10062	
6	08/22/2021	100	9227	5858	5529	440117	10083	
7	08/23/2021	100	9265	5832	5906	440230	10080	
8	08/23/2021	100	9280	5961	5963	440066	10031	
9	08/23/2021	100	9227	5858	6232	440161	10009	
10	08/24/2021	100	9247	5903	6072	440112	9897	
11	08/25/2021	95	9309	6089	5499	440016	10188	
12	08/25/2021	100	9278	6012	5529	440000	9955	
13	08/26/2021	99	9299	5794	5051	441003	9998	
14	08/26/2021	100	9243	6077	6667	440006	10171	
15	08/27/2021	98	9310	5819	5784	443765	10061	
16	08/28/2021	100	9286	5998	5471	440105	9803	
17	08/28/2021	99	9352	5939	6092	440102	9930	
18	08/29/2021	100	9296	7091	5141	440283	9902	
19	08/30/2021	100	9290	5693	5589	440093	9870	
20	08/30/2021	100	9236	6146	5828	440058	9865	
21	08/31/2021	100	9273	7436	4890	440100	9805	
22	08/31/2021	100	9229	6040	5488	440131	9769	
23	09/01/2021	100	9197	6650	5563	440250	9841	
24	09/01/2021	100	9284	5883	5267	440180	9792	
25	09/02/2021	100	9208	5889	5664	440163	9784	
26	09/02/2021	100	9226	7374	5215	440099	9799	
27	09/03/2021	100	9268	5935	5278	440000	9921	
28	09/03/2021	100	9273	6652	5230	440060	9881	
29	09/03/2021	100	9293	6607	4988	443337	9753	
30	09/03/2021	100	9117	5881	4975	440030	9786	
31	09/04/2021	100	9277	5850	4738	440103	9764	
32	09/04/2021	100	9200	5630	4536	440087	9737	
33	09/04/2021	99	9295	5896	4772	440087	9684	
34	09/04/2021	100	9225	6722	4701	440137	9786	
35	09/05/2021	100	8914	5961	4981	440174	9719	
36	09/05/2021	100	9133	5878	4770	440090	9652	
37	09/05/2021	100	9096	5920	5120	440241	9700	
38	09/05/2021	100	9034	5827	4906	440177	9740	
39	09/06/2021	100	9045	5877	4599	440218	9687	
40	09/06/2021	100	9076	5896	5027	440093	9726	
41	09/06/2021	100	9097	5862	5584	440224	9681	
42	09/07/2021	100	9048	5871	4840	440042	9716	
43	09/07/2021	101	9118	5834	5172	440136	9651	

09/09/2022

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44	09/08/2021	100	9137	6014	5431	440005	9652
45	09/08/2021	100	9222	5926	5429	440109	9698
46	09/09/2021	100	8955	6037	5151	440066	9609
47	09/09/2021	100	9191	6043	5273	440136	9608
48	09/09/2021	100	9072	6092	5154	440048	9597
49	09/09/2021	100	9120	5968	5285	440153	9603
50	09/10/2021	100	8997	6057	5318	440169	9638
51	09/10/2021	100	9092	6078	4953	440012	9576
52	09/10/2021	100	8868	5906	5243	440017	9601
53	09/11/2021	100	9104	5962	5089	440002	9626
54	09/12/2021	100	8899	5964	5075	440061	9584
55	09/12/2021	100	9045	5904	4690	440007	9567
56	09/13/2021	100	8962	6074	4822	440002	9533

# Hydraulic Fracturing Fluid Product Component Information Disclosure

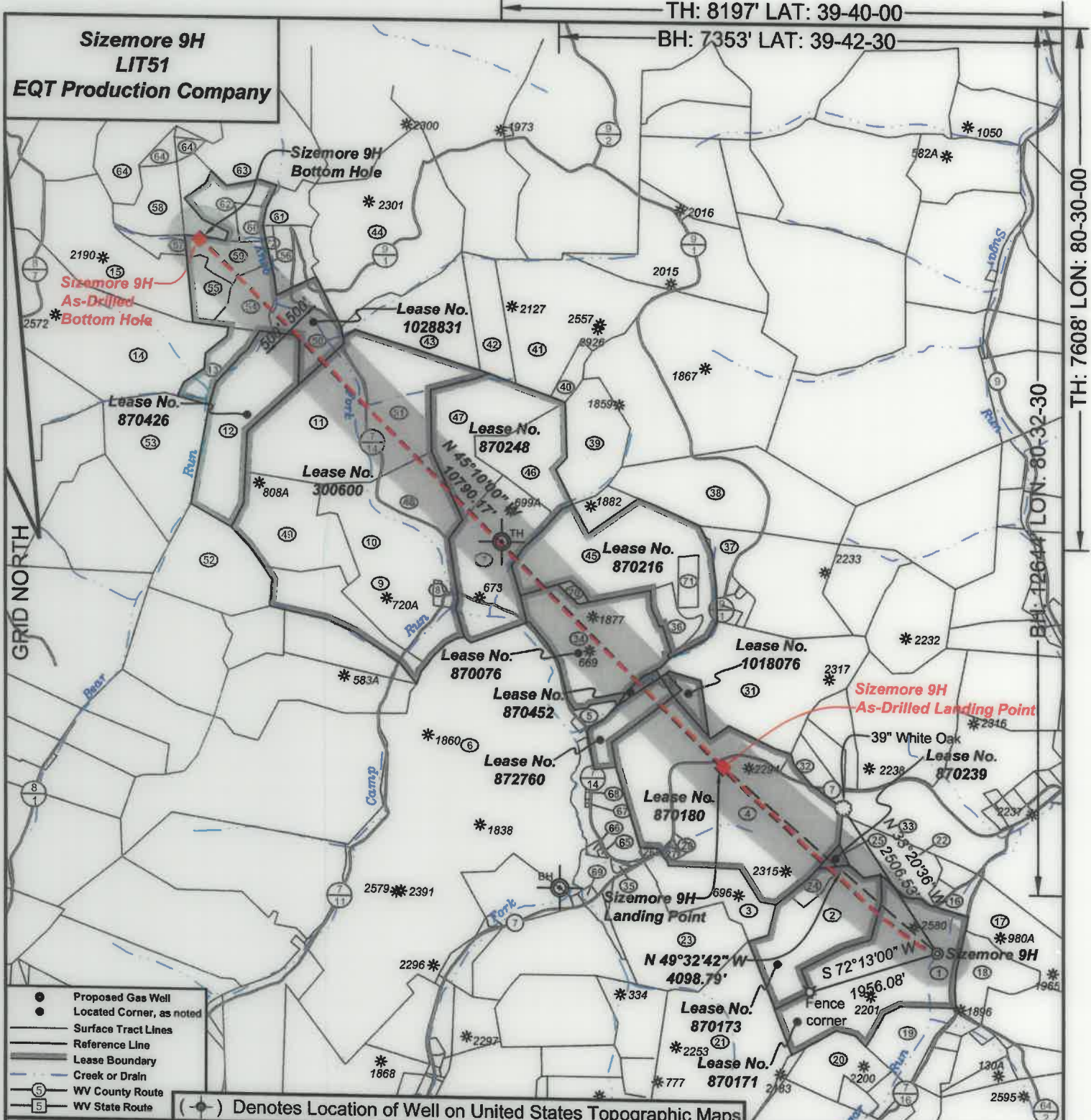
Job Start Date:	7/11/2021
Job End Date:	10/1/2021
State:	West Virginia
County:	Wetzel
API Number:	47-103-03348-00-00
Operator Name:	EQT Production
Well Name and Number:	Sizemore 9H
Latitude:	39.64586390
Longitude:	-80.52891690
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,322
Total Base Water Volume (gal):	22,471,638
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	88.37280	None
Sand (Proppant)	EQT	Proppant	Silica Substrate	14808-60-7	100.00000	11.44910	None
Clearal 268	ChemStream	Biocide	Non-hazardous substances	Proprietary	80.00000	0.00890	None
FR-9800	ChemStream	Friction Reducer	Copolymer of 2-propanamide	Proprietary	30.00000	0.00780	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor	Non-hazardous substances	Proprietary	90.00000	0.00760	None
FR-9800	ChemStream	Friction Reducer	Petroleum Distillate	64742-47-8	20.00000	0.00340	None
HCl	Beusa Holdings, Inc. dba Evolution Well Services Operating, LLC.	Acid	Hydrogen Chloride	7647-01-0	15.00000	0.00150	None
Clearal 268	ChemStream	Biocide	Glutaraldehyde	111-30-8	20.00000	0.00060	None





- 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



FILE NO: 208-19  
DRAWING NO: Sizemore 9H  
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: March 1 20 21  
OPERATOR'S WELL NO.: Sizemore 9H  
API WELL NO  
47 - 103 - 03348  
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: 7,335'

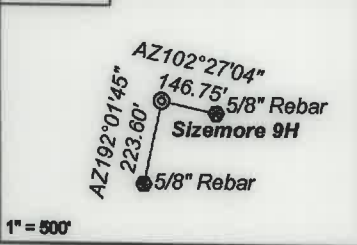
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow  
ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280  
Canonsburg, PA 15317 Bridgeport, WV 26330

09/09/2022

**Sizemore 9H  
LIT51  
EQT Production Company**

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	10	9	Wetzel	Center	Anthony Sizemore	75.36
2	10	8	Wetzel	Center	Larry D. Roberts	44.50
3	16	6	Wetzel	Center	Marilyn E. Thomas	70.97
4	12	19	Wetzel	Center	Nancy E. Jolliffe	172.10
5	12	18	Wetzel	Center	Homer L. Patricia J. Hostetler	3.46
6	12	10	Wetzel	Center	Nancy E. Jolliffe	308.81
7	12	10	Wetzel	Center	Florine Huggins	56.00
8	12	9.1	Wetzel	Center	Jefferson Littell, 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	50.75
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	10	10.1	Wetzel	Center	Ray & Cassandra Stoneking	5.72
17	10	12	Wetzel	Center	Thomas Jones, et al.	34.20
18	10	11	Wetzel	Center	Earl Null, et al.	20.00
19	10	33	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	20.64
20	10	31	Wetzel	Center	Devona D. & Kelly M. Reed	18.25
21	10	28	Wetzel	Center	William J. Morris Revocable Trust	93.25
22	12	31	Wetzel	Center	John S. Starkey, et al.	22.50
23	10	0	Wetzel	Center	Marilyn E. Thomas	70.97
24	10	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	Marilyn E. Thomas	1.23
28	12	19.4	Wetzel	Center	Marilyn 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	19.0	Wetzel	Center	EQT Production Company	1.70
33	12	24	Wetzel	Center	Matthew L. Kennedy	87.87
34	12	17	Wetzel	Center	Panzy O. Rice	87.50
35	12	29	Wetzel	Center	Nancy E. Jolliffe	2.27
36	12	11.1	Wetzel	Center	Timothy C. White, Jr.	8.32
37	12	11.2	Wetzel	Center	John Joseph	9.35
38	12	7	Wetzel	Center	George H. & Elizabeth Williams	61.78
39	12	6	Wetzel	Center	Kenneth C. & Rebecca A. Shreve	30.75
40	0	20.1	Wetzel	Clay	Brian K. & Anna M. Watson	5.04
41	0	20	Wetzel	Clay	Ernest J. & Nancy L. Watson	66.67
42	0	3	Wetzel	Clay	Ernest J. & Nancy L. Watson	22.40
43	8	36	Wetzel	Center	Ashley Murphy, et al.	37.80
44	0	1	Wetzel	Clay	Charles G. & Carol J. Kamach	98.70
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	20.00
49	11	20	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	0	32	Wetzel	Clay	Howard M. Henderson	10.41
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	8	62	Wetzel	Center	Ashley Murphy, et al.	3.35
61	8	51	Wetzel	Center	Howard M. Henderson	4.00
62	8	53	Wetzel	Center	Ashley Murphy, et al.	20.38
63	8	59	Wetzel	Center	Robin D. Murphy, et al.	47.25
64	0	31	Wetzel	Center	Howard M. Henderson	84.78

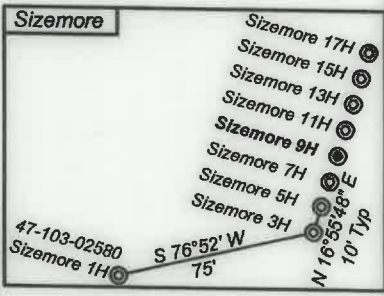
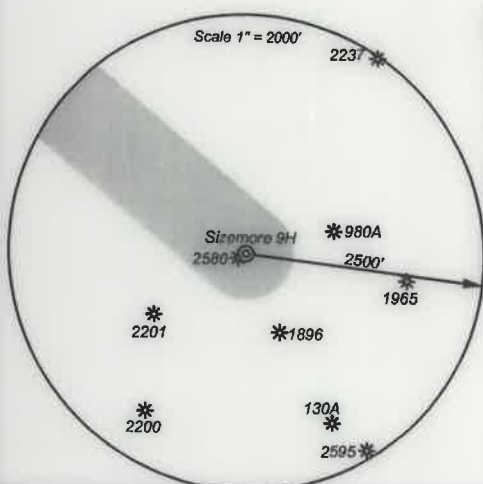
**Well References**



**As Drilled Well Information:**  
 Sizemore 9H coordinates are  
 NAD 27 N: 418,978.46 E: 1,710,213.07  
 NAD 83 UTM N: 4,388,558.80 E: 540,418.56  
 Sizemore 9H Kick Out Point coordinates are  
 NAD 27 N: 418,978.60 E: 1,710,214.30  
 NAD 83 UTM N: 4,388,558.85 E: 540,418.93  
 Sizemore 9H Landing Point coordinates are  
 NAD 27 N: 421,637.96 E: 1,707,094.23  
 NAD 83 UTM N: 4,389,353.16 E: 539,454.85  
 Sizemore 9H Bottom Hole coordinates are  
 NAD 27 N: 429,245.55 E: 1,699,442.28  
 NAD 83 UTM N: 4,391,631.90 E: 537,084.94  
 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
05	12	28	Wetzel	Center	Roger R. & Diana F. Poselthwaite	0.30
06	12	27	Wetzel	Center	Roger R. & Diana F. Poselthwaite	0.59
07	12	19.5	Wetzel	Center	Jania & Terry Fisher	0.15
08	12	19.3	Wetzel	Center	Jania Fisher	0.35
09	10	4	Wetzel	Center	Nancy E. Jolliffe	1.20
70	12	12.1	Wetzel	Center	Panzy O. Rice	2.00
71	12	11.3	Wetzel	Center	Lonnie R. & Judith Anderson	5.00
72	0	30	Wetzel	Clay	Ashley Murphy, et al.	1.75

Lease No.	Owner	Acres
870173	Larry Roberts & Sharon Roberts	48.9
870239	Bryan Rizer & Heather Rizer	1.5
870180	Nancy E. Jolliffe, et al.	173.8
870180.22	Nancy E. Jolliffe	20
1018076	Allen Staggers, et al.	15.3
872760	Nancy Jolliffe	13.5 & 28
870452	Nancy E. Jolliffe	43.05
870076	Panzy Rice, et al.	67.5
870216	Howard Henderson, et al.	92.4
870248	Richard Manley & Maureen Manley, et al.	94.55
300600	ET Blue Grass, et al.	274
1028831	Sondra S. Zuback, et al.	19
870426	Howard Henderson, et al.	49

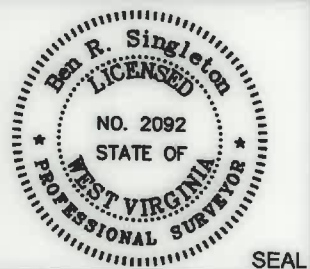


- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- ⑤ WV County Route
- ⑤ WV State Route



*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 9H  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1:2500  
 PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: March 1 20 21  
 OPERATOR'S WELL NO.: Sizemore 9H  
 API WELL NO  
 47 - 103 - 03348  
 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: 7,335'

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