

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: LIT51 3H (675526)

API: 47 - 103 - 03345

Submission: Initial Amended

Notes:

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FEB 14 2022

WV Department of
Environmental Protection

Reviewed

Ernest Loyola 8-22-2022 09/09/2022

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

API 47-103-03345 County Wetzel District Center
Quad Littleton Pad Name Sizemore Field/Pool Name N/A
Farm name Anthony W. & Kimberly A. Sizemore Well Number LIT51 3H (675526)
Operator (as registered with the OOG) EQT Production Company
Address 2400 Anslys 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 4,388,550.01 Easting 540,416.04
Landing Point of Curve Northing 4,387,896.75 Easting 539,627.18
Bottom Hole Northing 4,390,966.60 Easting 536,460.53

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 13.5 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 07/20/2020 Date drilling ceased 02/06/2021
Date completion activities began 7/11/21 Date completion activities ceased 10/1/21
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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Please note: Operator is required to submit a plugging application within 5 days of cessation of operations 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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Reviewed by:

09/09/2022

API 47- 103 - 03345 Farm name Anthony W. & Kimberly A. Sizemore Well number LIT51 3H (675526)

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"	1145'	NEW	J-55 54.5#	855'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2469'	NEW	P-110 40#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	23,130'	NEW	HP-P110 20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 962' 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	831	15.6	1.19	989	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4570	15.2	1.15	5256	962	8+
Tubing							

Drillers TD (ft) 23,148' Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 1152'

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 2076' _____

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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PRODUCING FORMATION(S)	DEPTHS	
	TVD	MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3,478 psi Bottom Hole NA psi DURATION OF TEST NA hrs

OPEN FLOW Gas 4,407 mcfpd Oil 0 bpd NGL 0 bpd Water 240 bpd GAS MEASURED BY Estimated Orifice Pilot

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

Address 1780 Hughes Landing Blvd Suite 125 City The Woodlands State TX 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

API 47- 103 - 03345 Farm name Anthony W. & Kimberly A. Sizemore Well number LIT51 3H (675526)

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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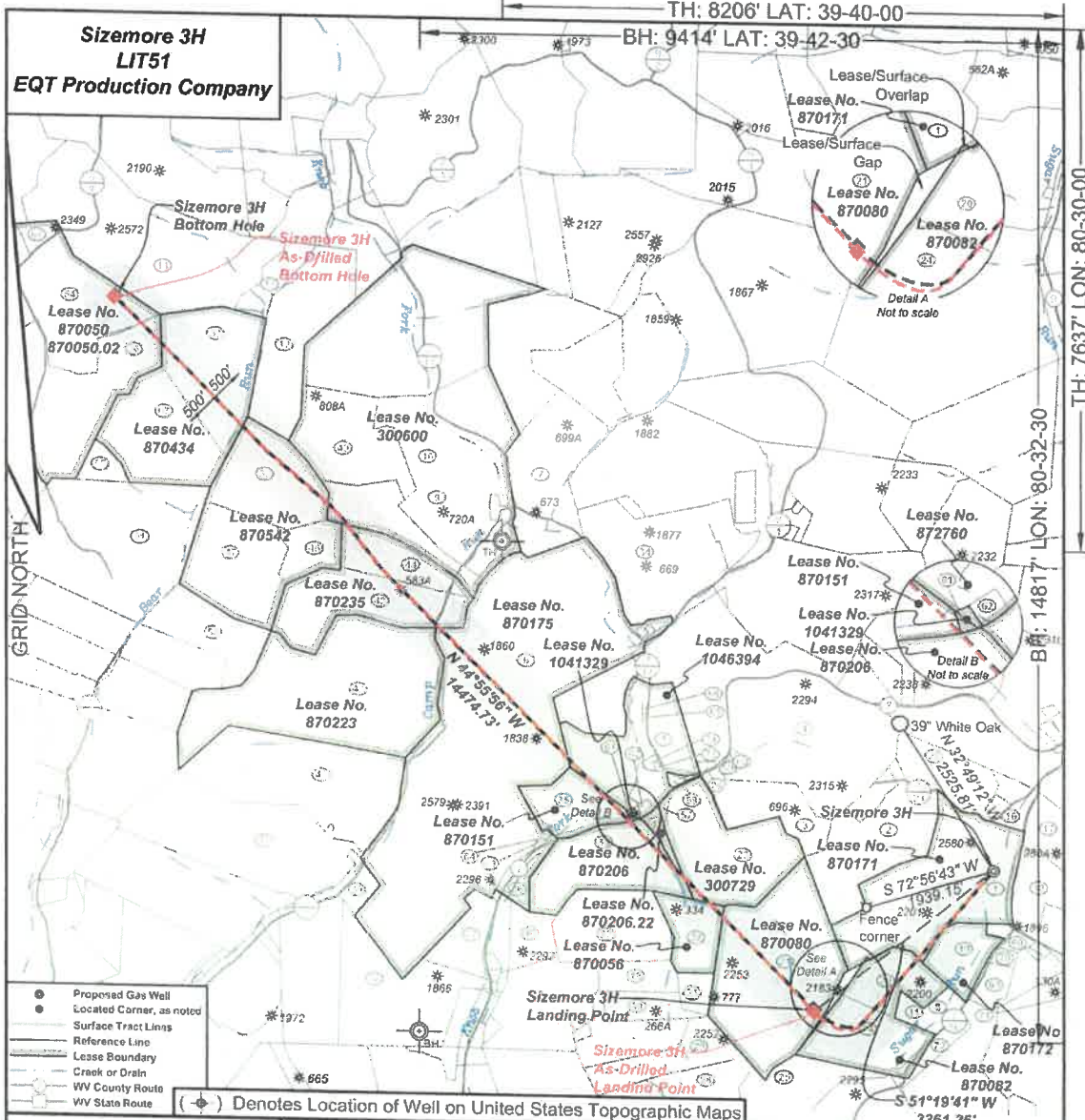
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Well # Sizemore 3H 675526 Final Formations API# 47-103-03345				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	499	499
Waynesburg	499	499	503	503
Sand/Shale	503	503	727	727
Sewickley	727	727	733	733
Sand/Shale	733	733	860	860
Pittsburgh	860	860	863	863
Sand/Shale	863	863	2,211	2,202
Big Injun	2,211	2,202	2,335	2,323
Sand/Shale	2,335	2,323	2,479	2,463
Berea	2,479	2,463	2,733	2,711
Sand/Shale	2,733	2,711	2,819	2,793
Gantz	2,819	2,793	3,005	2,968
Fifty foot	3,005	2,968	3,073	3,031
Thirty foot	3,073	3,031	3,105	3,060
Sand/Shale	3,105	3,060	3,157	3,107
Bayard	3,157	3,107	3,603	3,481
Sand/Shale	3,603	3,481	3,666	3,532
Speechley	3,666	3,532	3,744	3,593
Balltown A	3,744	3,593	4,061	3,843
Sand/Shale	4,061	3,843	5,629	5,128
Alexander	5,629	5,128	6,072	5,491
Elk	6,072	5,491	7,769	6,853
Sonyea	7,769	6,853	7,970	7,003
Middlesex	7,970	7,003	8,033	7,046
Genesee	8,033	7,046	8,156	7,125
Geneseo	8,156	7,125	8,208	7,155
Tully	8,208	7,155	8,250	7,177
Hamilton	8,250	7,177	8,622	7,298
Marcellus	8,622	7,298	23,148	7,302

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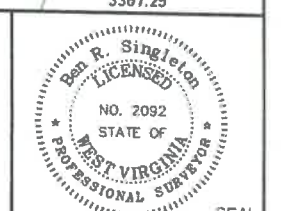
WV Department of
Environmental Protection
09/09/2022



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 3H
 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 10 20 21
 OPERATOR'S WELL NO.: Sizemore 3H
 API WELL NO
 47 - 103 - 03345
 STATE COUNTY PERMIT

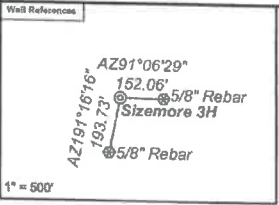
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1148' WATERSHED Tributary of Sugar Run QUADRANGLE: Littleton
 DISTRICT: Center COUNTY: Wetzel
 SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
 ROYALTY OWNER: Anthony W. 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: 7,318'

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 3H
L1751
EQT Production Company**

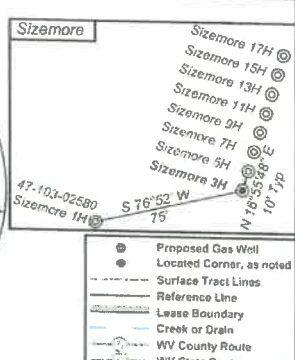
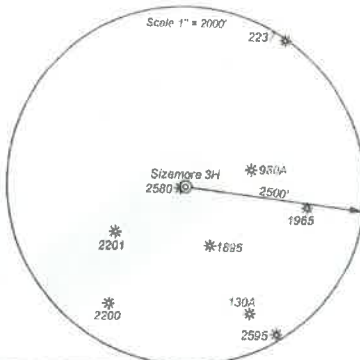


As Drilled Well Information:
Sizemore 3H coordinates are
NAD 27 N: 418,949.76 E: 1,710,204.23
NAD 83 UTM N: 4,388,550.01 E: 540,415.04
Sizemore 3H Kick Out Point coordinates are
NAD 27 N: 418,949.34 E: 1,710,203.80
NAD 83 UTM N: 4,388,549.88 E: 540,415.88
Sizemore 3H Landing Point coordinates are
NAD 27 N: 418,849.45 E: 1,707,580.08
NAD 83 UTM N: 4,387,896.75 E: 539,627.18
Sizemore 3H Bullion Hole coordinates are
NAD 27 N: 427,086.71 E: 1,897,356.89
NAD 83 UTM N: 4,390,966.60 E: 536,460.53
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 ID	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	10	0	Wetzel	Center	Anthony Sizemore	18.36
2	10	8	Wetzel	Center	Larry D. Roberts	44.98
3	10	9	Wetzel	Center	Marilyn E. Thomas	70.97
4	12	9	Wetzel	Center	Nancy E. Joffe	44.77
5	12	18	Wetzel	Center	Home L. Patricia J. Heubler	8.48
6	12	16	Wetzel	Center	Nancy E. Joffe	308.81
7	12	10	Wetzel	Center	Flornie Huggins	58.88
8	16	32	Wetzel	Center	Germute Teagarden et al	4.50
9	12	9	Wetzel	Center	Nancy E. Joffe	44.77
10	12	8	Wetzel	Center	Nancy E. Joffe	38.75
11	16	30	Wetzel	Center	Germute Teagarden et al	4.00
12	11	10	Wetzel	Center	Howard M. Henderson	40.58
13	11	9	Wetzel	Center	Howard M. Henderson	10.19
14	8	43	Wetzel	Center	Howard M. Henderson	112.09
15	16	20	Wetzel	Center	Roger R. & Diana Prosdovek	10.87
16	10	10.1	Wetzel	Center	Ray & Cassandra Skeneberg	5.72
17	16	12	Wetzel	Center	Thomas Jones, et al.	34.26
18	16	11	Wetzel	Center	Earl Hill, et al	20.08
19	16	30	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	20.84
20	16	31	Wetzel	Center	Devona D. & Kelly M. Reed	18.75
21	16	28	Wetzel	Center	William J. Morris Revocable Trust	83.25
22	12	31	Wetzel	Center	John S. Sarskey, et al	23.50
23	16	9	Wetzel	Center	Marilyn E. Thomas	70.97
24	16	20	Wetzel	Center	Devona D. & Kayla M. Reed	24.21
25	16	47	Wetzel	Center	Mary V. Sprague	38.25
26	12	19.1	Wetzel	Center	Nancy E. Joffe	0.71
27	16	22	Wetzel	Center	Roger R. & Diana Prosdovek	40.96
28	16	44	Wetzel	Center	Paul F. & Cecilia M. Wendt	23.87
29	16	43	Wetzel	Center	Stephen W. Hill et al	22.90
30	16	26	Wetzel	Center	John K. Porsinger	12.80
31	16	79	Wetzel	Center	John K. Porsinger	5.88
32	16	27	Wetzel	Center	William J. Morris Revocable Trust	16.50
33	16	5	Wetzel	Center	Shawn C. & Tammy M. Kuntz	89.09
34	12	17	Wetzel	Center	Panzy O. Rice	87.80
35	16	2	Wetzel	Center	Tammi G. Hostuttler et al	21.60
36	16	1	Wetzel	Center	Sherry F. & Brenda L. Barss	9.25
37	16	13.1	Wetzel	Center	Ernest A. Clasper	15.56
38	13	27.1	Wetzel	Center	Harry & Marilyn Kennedy	81.31
39	15	26	Wetzel	Center	Thomas Meier, et al	50.90
40	15	7	Wetzel	Center	Steven F. & James R. Barbe	56.94
41	15	7	Wetzel	Center	Steven F. & James R. Barbe	56.94
42	11	42	Wetzel	Center	Nicole J. & Ted J. Vovorak	138.81
43	11	41	Wetzel	Center	Nancy E. Joffe	47.01
44	11	27	Wetzel	Center	Nancy E. Joffe	47.50
45	16	8.1	Wetzel	Center	Nancy E. Joffe	1.91
46	11	25	Wetzel	Center	James B. & Margie L. Montgomery	18.98
47	11	24	Wetzel	Center	James B. & Margie L. Montgomery	47.71
48	16	21	Wetzel	Center	Shelda L. Alamo, et al	9.60
49	11	20	Wetzel	Center	Nancy E. Joffe	49.98
50	11	22	Wetzel	Center	Deon W. Miller	25.51
51	11	23.1	Wetzel	Center	Edith Mae Estale	174.88
52	11	23	Wetzel	Center	James B. & Margie L. Montgomery	40.70
53	11	2	Wetzel	Center	James B. & Margie L. Montgomery	53.20
54	11	6	Wetzel	Center	Ray S. & Timmy R. Sapp	90.95
55	11	40	Wetzel	Center	Edith Mae Estale	4.20
56	11	8.1	Wetzel	Center	Larry L. & Lois J. Deem	84.91
57	16	6.1	Wetzel	Center	Nancy E. Joffe	1.93
58	12	29	Wetzel	Center	Nancy E. Joffe	2.27
59	12	14.2	Wetzel	Center	Marilyn E. Thomas	1.23
60	12	10.4	Wetzel	Center	Marilyn E. Thomas	1.15
61	16	3	Wetzel	Center	Kimberly H. McMillan	0.30
62	16	4	Wetzel	Center	Nancy E. Joffe	1.25
63	16	1.1	Wetzel	Center	Mt. Zion Baptist Church	0.90
64	16	8.2	Wetzel	Center	Mt. Zion Baptist Church	0.40

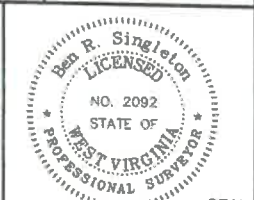
Tract ID	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
65	12	10.5	Wetzel	Center	James B. & Jerry E. Fisher	0.15
66	12	19.3	Wetzel	Center	Janis Fisher	0.30
67	11	7	Wetzel	Center	Garbert T. Peter, et al	81.30
68	11	6.2	Wetzel	Center	Roger L. & Sandra K. Wada	4.00
69	16	35	Wetzel	Center	Gregory A. & Adair L. Wood	26.17
70	16	35.1	Wetzel	Center	Gregory A. & Adair L. Wood	2.98
71	16	53	Wetzel	Center	Gregory A. & Adair L. Wood	43.30
72	16	52	Wetzel	Center	Kenneth R. & Jennifer L. Mason	14.00
73	12	28	Wetzel	Center	Roger R. & Diana F. Prosdovek	0.50
74	12	27	Wetzel	Center	Roger R. & Diana F. Prosdovek	0.59

Lease No.	Owner	Acres
870172	Anthony W. Sizemore and Kimberly A. Sizemore	20.84
870082	Kenneth R. Mason and Jennifer L. Mason, et al	47.5
870080	Ann W. Clutter, et al	240.98
870058	Robert Brosch and Margery Brosch	18.5
300729	Nancy Joffe, et al	43
870206	Shaun & Tamra Kuhn, et al	46
870206.22	Carl Hostuttler, et al	2.99
1041329	Kimberly Hope McDiiffitt, Remalnderman & Ronnie D. Hostuttler, L/E	0.5
870151	Ronnie & Trevor Hostuttler	21.5
1046394	Nancy E. Joffe	13.5 & 28
870175	Acropolis, Inc., et al	287
870223	Roger Stalnaker	128.38
870235	Nancy Joffe, et al	68.75
300600	ET Blue Grass, et al	274
870542	James & Margie Montgomery, et al	102.10
870434	Green Dol Farm	103.5
870050	Michael Cullinan, et al	195
870050 02	Green Dol Farm, Inc., et al	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



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DRAWING NO: Sizemore 3H
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 10 20 21
OPERATOR'S WELL NO.: Sizemore 3H
API WELL NO
47 - 103 - 03345
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: 7,318'

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	07/13/2021	22957	22796	36	Marcellus
3	07/14/2021	22777	22616	36	Marcellus
4	07/15/2021	22598	22438	36	Marcellus
5	07/15/2021	22420	22279	32	Marcellus
6	07/16/2021	22261	22120	32	Marcellus
7	07/16/2021	22102	21961	32	Marcellus
8	07/17/2021	21943	21802	32	Marcellus
9	07/17/2021	21784	21643	32	Marcellus
10	07/18/2021	21625	21464	36	Marcellus
11	07/18/2021	21445	21284	36	Marcellus
12	07/18/2021	21265	21104	36	Marcellus
13	07/19/2021	21085	20904	40	Marcellus
14	07/19/2021	20885	20704	40	Marcellus
15	07/20/2021	20685	20524	36	Marcellus
16	07/20/2021	20505	20345	36	Marcellus
17	07/21/2021	20327	20166	36	Marcellus
18	07/21/2021	20148	19969	40	Marcellus
19	07/22/2021	19950	19772	40	Marcellus
20	07/23/2021	19749	19574	40	Marcellus
21	07/23/2021	19552	19376	40	Marcellus
22	07/23/2021	19354	19178	40	Marcellus
23	07/24/2021	19159	18980	40	Marcellus
24	07/24/2021	18959	18782	40	Marcellus
25	07/25/2021	18760	18584	40	Marcellus
26	07/25/2021	18563	18386	40	Marcellus
27	07/25/2021	18363	18188	40	Marcellus
28	07/26/2021	18168	17990	40	Marcellus
29	07/26/2021	17970	17792	40	Marcellus
30	07/27/2021	17770	17592	40	Marcellus
31	07/27/2021	17574	17396	40	Marcellus
32	07/28/2021	17373	17198	40	Marcellus
33	07/28/2021	17177	17000	40	Marcellus
34	07/28/2021	16980	16802	40	Marcellus
35	07/29/2021	16781	16604	40	Marcellus
36	07/29/2021	16585	16406	40	Marcellus
37	07/30/2021	16387	16208	40	Marcellus
38	07/30/2021	16186	16010	40	Marcellus
39	07/31/2021	15991	15812	40	Marcellus
40	07/31/2021	15790	15614	40	Marcellus
41	07/31/2021	15595	15416	40	Marcellus
42	08/01/2021	15397	15218	40	Marcellus
43	08/01/2021	15199	15020	40	Marcellus
44	08/05/2021	15001	14822	40	Marcellus

45	08/06/2021	14803	14624	40	Marcellus
46	08/06/2021	14605	14426	40	Marcellus
47	08/06/2021	14407	14228	40	Marcellus
48	08/07/2021	14209	14030	40	Marcellus
49	08/07/2021	14011	13832	40	Marcellus
50	08/07/2021	13813	13634	40	Marcellus
51	08/08/2021	13611	13436	40	Marcellus
52	08/08/2021	13417	13238	40	Marcellus
53	08/08/2021	13219	13040	40	Marcellus
54	08/08/2021	13021	12842	40	Marcellus
55	08/09/2021	12823	12644	40	Marcellus
56	08/09/2021	12625	12446	40	Marcellus
57	08/09/2021	12427	12248	40	Marcellus
58	08/09/2021	12229	12050	40	Marcellus
59	08/10/2021	12031	11852	40	Marcellus
60	08/10/2021	11833	11654	40	Marcellus
61	08/10/2021	11635	11456	40	Marcellus
62	08/10/2021	11437	11258	40	Marcellus
63	08/11/2021	11239	11060	40	Marcellus
64	08/11/2021	11041	10862	40	Marcellus
65	08/12/2021	10843	10664	40	Marcellus
66	08/12/2021	10645	10466	40	Marcellus
67	08/13/2021	10447	10268	40	Marcellus
68	08/13/2021	10249	10070	40	Marcellus
69	08/14/2021	10051	9872	40	Marcellus
70	08/14/2021	9853	9674	40	Marcellus
71	08/15/2021	9655	9476	40	Marcellus
72	08/15/2021	9457	9278	40	Marcellus
73	08/15/2021	9259	9080	40	Marcellus
74	08/16/2021	9061	8882	40	Marcellus
75	08/16/2021	8863	8684	40	Marcellus
76	08/17/2021	8665	8545	28	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	07/13/2021	45	8918	7349	4730	176160	5582	
2	07/14/2021	71	9222	5919	5221	396457	9916	
3	07/15/2021	79	9332	6125	5699	396712	9463	
4	07/15/2021	78	9364	5950	5147	396789	9977	
5	07/16/2021	77	9385	6145	4950	352224	8394	
6	07/16/2021	76	9373	6187	4774	352006	8590	
7	07/17/2021	74	9364	6097	5058	352356	9142	
8	07/17/2021	73	9374	3463	4817	351982	8390	
9	07/17/2021	73	9388	6117	5355	352398	8610	
10	07/18/2021	72	9382	6106	5105	396114	9304	
11	07/18/2021	89	9391	6103	5652	396320	9466	
12	07/19/2021	90	9379	6116	5541	396392	9471	
13	07/19/2021	92	9394	6024	5477	440150	10838	
14	07/20/2021	93	9416	6046	5632	440106	9964	
15	07/20/2021	91	9380	5853	5128	396019	9181	
16	07/21/2021	94	9407	6169	5489	396159	9064	
17	07/21/2021	93	9407	6164	5558	396005	9218	
18	07/22/2021	97	9408	6119	5678	440165	10038	
19	07/23/2021	95	9378	5611	5512	440576	11592	
20	07/23/2021	99	9339	5827	4902	440788	10002	
21	07/23/2021	100	9272	5439	5942	440139	9908	
22	07/24/2021	100	9348	5627	5107	440433	10880	
23	07/24/2021	99	9316	6002	5277	441006	9989	
24	07/24/2021	100	9340	5718	5352	441712	10050	
25	07/25/2021	100	9240	5838	5467	439874	9878	
26	07/25/2021	98	9232	6215	5652	439921	9970	
27	07/26/2021	98	9321	5507	5470	440533	10066	
28	07/26/2021	100	9340	6126	5544	439543	9827	
29	07/27/2021	100	9334	5952	5952	439970	10044	
30	07/27/2021	100	9110	6306	5805	440294	9947	
31	07/27/2021	100	9251	6258	5455	439967	9882	
32	07/28/2021	100	9222	6191	5655	440245	9920	
33	07/28/2021	100	9248	5927	5258	439959	9964	
34	07/29/2021	100	9274	5995	5340	440083	10010	
35	07/29/2021	100	9213	6056	5566	440121	9790	
36	07/30/2021	100	9293	5852	5034	440027	9828	
37	07/30/2021	100	9135	5998	5245	440099	9818	
38	07/30/2021	101	9273	3101	5439	440048	9799	
39	07/31/2021	100	9234	6202	5210	440097	9854	
40	07/31/2021	100	9306	6368	5062	440847	9849	
41	08/01/2021	100	9290	5805	5212	440086	9852	
42	08/01/2021	101	9213	6045	5324	440051	9757	
43	08/05/2021	100	9168	6380	5142	440010	9958	

44	08/06/2021	100	9234	6090	5075	440000	9828
45	08/06/2021	100	9322	4579	5555	440103	9817
46	08/06/2021	100	9281	6416	5351	440132	9838
47	08/07/2021	100	9257	6325	5438	440039	9889
48	08/07/2021	100	9267	6223	5135	440178	9797
49	08/07/2021	100	9331	6618	5425	440012	9869
50	08/08/2021	100	9290	6292	5851	440122	9754
51	08/08/2021	100	9292	6259	5082	440126	9775
52	08/08/2021	100	9288	6271	5880	440082	9785
53	08/08/2021	100	9313	6398	5695	440073	9771
54	08/08/2021	100	9285	6542	5275	440014	9722
55	08/09/2021	100	9241	6145	4907	440154	9687
56	08/09/2021	100	9297	6000	4821	440059	9695
57	08/09/2021	100	9271	6129	4934	440008	9677
58	08/10/2021	100	9257	6240	5284	440059	9636
59	08/10/2021	100	9255	6039	4831	440282	9663
60	08/10/2021	100	9290	5984	4901	440182	9655
61	08/10/2021	101	9296	6175	5118	440062	9628
62	08/11/2021	101	9255	6077	5529	440007	9614
63	08/11/2021	100	9278	6251	5044	440114	9618
64	08/12/2021	100	9232	6141	5508	440001	9565
65	08/12/2021	100	9280	6419	5228	440002	9596
66	08/13/2021	100	9244	6226	5284	440003	9552
67	08/13/2021	100	9142	6422	5011	440241	9543
68	08/14/2021	100	9299	6436	5321	440034	9549
69	08/14/2021	100	9241	6624	4919	440029	9562
70	08/15/2021	100	9251	6387	5620	440088	9514
71	08/15/2021	100	9201	6223	5181	440018	9480
72	08/15/2021	101	9154	6245	6363	440044	9955
73	08/16/2021	100	9089	6326	5007	440000	9481
74	08/16/2021	100	9116	6205	4896	440004	9534
75	08/17/2021	100	9112	6333	4699	440105	9516
76	08/17/2021	90	9168	6943	4903	308238	6955

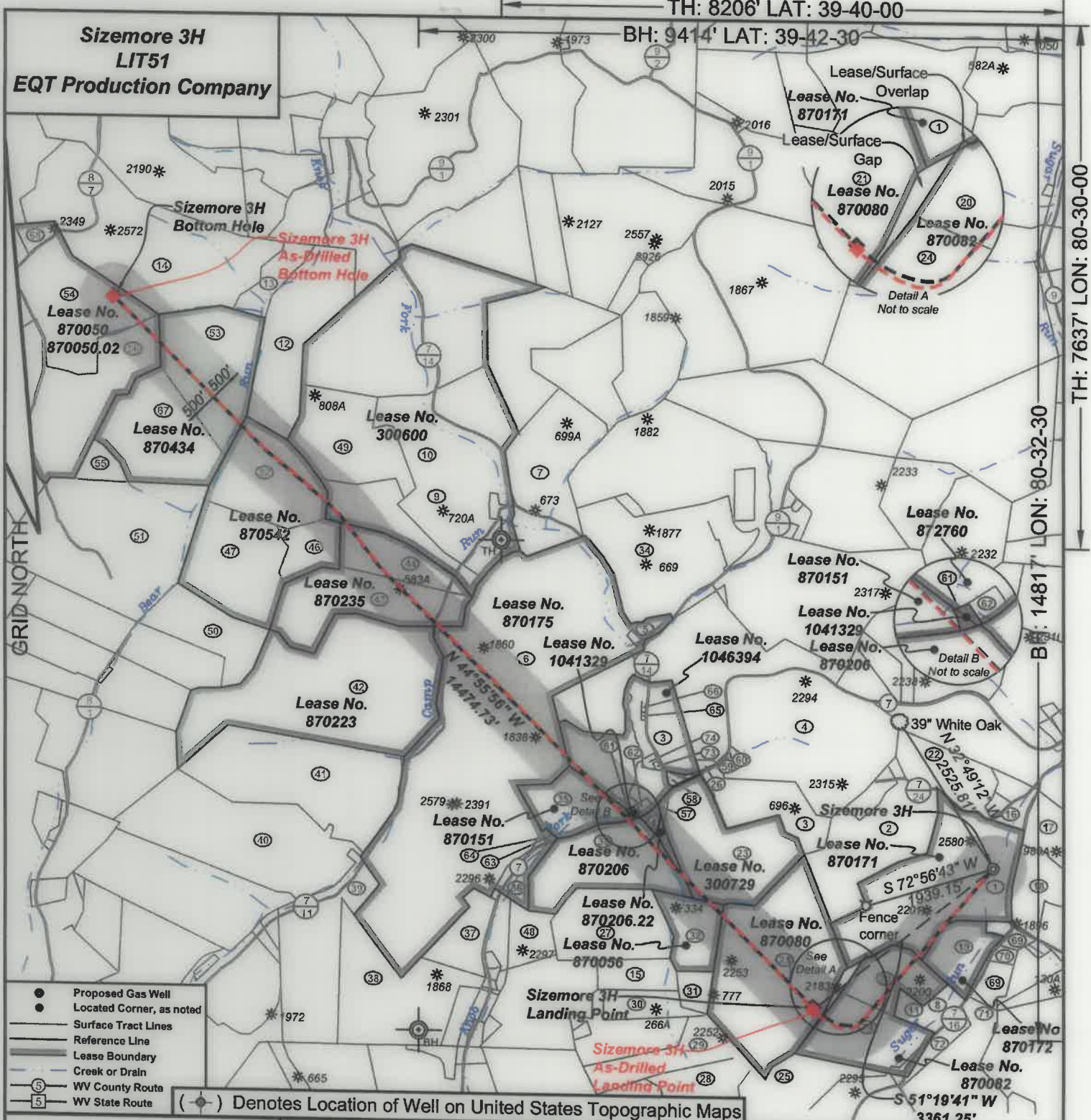
Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/11/2021
Job End Date:	10/1/2021
State:	West Virginia
County:	Wetzel
API Number:	47-103-03345-00-00
Operator Name:	EQT Production
Well Name and Number:	Sizemore 3H
Latitude:	39.64578480
Longitude:	-80.52894680
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,331
Total Base Water Volume (gal):	30,725,604
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	88.63990	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.13910	None
FR-9800	ChemStream	Friction Reducer					
			Copolymer of 2-propenamide	Proprietary	30.00000	0.00960	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	64742-47-8	20.00000	0.00430	None
HCl	Beusa Holdings, Inc. dba Evolution Well Services Operating, LLC.	Acid					
			Hydrogen Chloride	7647-01-0	15.00000	0.00200	None
Clearal 268	ChemStream	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00060	None



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 3H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station



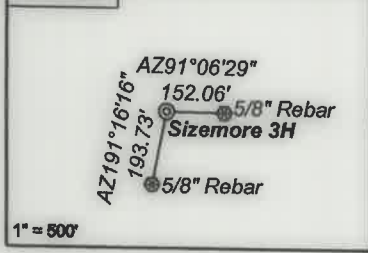
DATE: February 10 20 21
 OPERATOR'S WELL NO.: Sizemore 3H
 API WELL NO
 47 - 103 - 03345
 STATE COUNTY PERMIT

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: 7,318'

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 3H
LIT51
EQT Production Company**

Well References

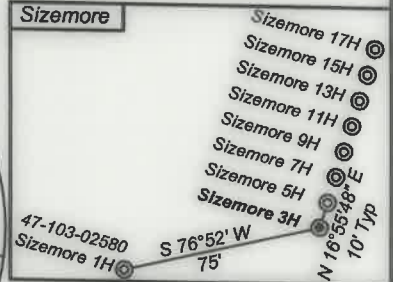
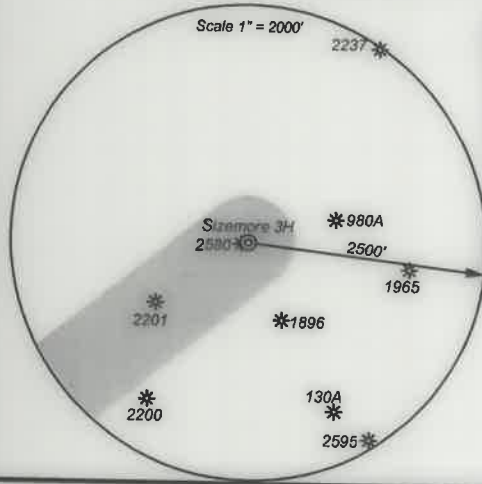


As Drilled Well Information:
Sizemore 3H coordinates are
NAD 27 N: 418,949.76 E: 1,710,204.33
NAD 83 UTM N: 4,388,550.01 E: 540,416.04
Sizemore 3H Kick Out Point coordinates are
NAD 27 N: 418,949.34 E: 1,710,203.80
NAD 83 UTM N: 4,388,549.88 E: 540,415.88
Sizemore 3H Landina Point coordinates are
NAD 27 N: 416,849.45 E: 1,707,580.08
NAD 83 UTM N: 4,387,896.75 E: 539,627.18
Sizemore 3H Bottom Hole coordinates are
NAD 27 N: 427,096.71 E: 1,697,356.99
NAD 83 UTM N: 4,390,966.60 E: 536,460.53
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	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	9	Wetzel	Center	Nancy E. Jolliffe	44.77
5	12	18	Wetzel	Center	Homer L. Patricia J. Hostutler	3.46
6	12	16	Wetzel	Center	Nancy E. Jolliffe	308.81
7	12	10	Wetzel	Center	Florence Huggins	56.00
8	16	32	Wetzel	Center	Gertrude Teagarden, et al.	4.50
9	12	9	Wetzel	Center	Nancy E. Jolliffe	44.77
10	12	8	Wetzel	Center	Nancy E. Jolliffe	26.25
11	16	30	Wetzel	Center	Gertrude Teagarden, et al.	4.00
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	16	25	Wetzel	Center	Roger R. & Diana Postelthwait	10.95
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. Starkey, et al.	22.50
23	16	6	Wetzel	Center	Marilyn E. Thomas	70.97
24	16	29	Wetzel	Center	Devona D. & Kelley M. Reed	29.25
25	16	47	Wetzel	Center	Mary V. Simpson	36.25
26	12	19.1	Wetzel	Center	Nancy E. Jolliffe	0.71
27	16	22	Wetzel	Center	Roger R. & Diana Postelthwait	40.00
28	16	44	Wetzel	Center	Paul E. & Cecelia M. Wendt	23.00
29	16	43	Wetzel	Center	Stephen W. Hill, et al.	22.00
30	16	26	Wetzel	Center	John K. Perlinger	12.00
31	16	78	Wetzel	Center	John K. Perlinger	5.00
32	16	27	Wetzel	Center	William J. Morris Revocable Trust	18.50
33	16	5	Wetzel	Center	Shaun D. & Tamra M. Kuhn	48.00
34	12	17	Wetzel	Center	Panzy O. Rice	67.50
35	16	2	Wetzel	Center	Trevor G. Hostutler, et al.	21.50
36	16	1	Wetzel	Center	Steven P. & Brenda L. Sams	9.25
37	16	13.1	Wetzel	Center	Edward A. Gleser	15.59
38	15	27.1	Wetzel	Center	Harry & Marilyn Kennedy	61.31
39	15	26	Wetzel	Center	Thomas Moore, et al.	50.90
40	15	7	Wetzel	Center	Steven P. & James R. Barbe	99.00
41	15	7.1	Wetzel	Center	Steven P. & James R. Barbe	61.75
42	11	42	Wetzel	Center	Nicole J. & Ted J. Yowonsko	128.40
43	11	41	Wetzel	Center	Nancy E. Jolliffe	47.07
44	11	27	Wetzel	Center	Nancy E. Jolliffe	47.50
45	16	5.1	Wetzel	Center	Nancy E. Jolliffe	3.00
46	11	25	Wetzel	Center	James B. & Margie L. Montgomery	15.00
47	11	24	Wetzel	Center	James B. & Margie L. Montgomery	47.10
48	16	21	Wetzel	Center	Glenda L. Alami, et al.	9.80
49	11	20	Wetzel	Center	Nancy E. Jolliffe	43.00
50	11	22	Wetzel	Center	Dean W. Miller	25.50
51	11	22.1	Wetzel	Center	Edith Miller Estate	104.50
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	11	6	Wetzel	Center	Ray S. & Timmy R. Sapp	90.50
55	11	40	Wetzel	Center	Edith Miller Estate	6.20
56	11	6.1	Wetzel	Center	Larry L. & Lois J. Deem	94.50
57	16	6.1	Wetzel	Center	Nancy E. Jolliffe	1.03
58	12	29	Wetzel	Center	Nancy E. Jolliffe	2.27
59	12	19.2	Wetzel	Center	Marilyn E. Thomas	1.23
60	12	19.4	Wetzel	Center	Marilyn E. Thomas	1.15
61	16	3	Wetzel	Center	Kimberly H. McDiffitt	0.50
62	16	4	Wetzel	Center	Nancy E. Jolliffe	1.20
63	16	1.1	Wetzel	Center	Mt. Zion Baptist Church	0.50
64	16	82	Wetzel	Center	Mt. Zion Baptist Church	0.40

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
65	12	10.6	Wetzel	Center	Janis & Terry E. Fisher	0.15
66	12	10.3	Wetzel	Center	Janis Fisher	0.35
67	11	7	Wetzel	Center	Gilbert T. Peter, et al.	51.50
68	11	6.2	Wetzel	Center	Roger L. & Sandra K. Wade	4.00
69	16	35	Wetzel	Center	Gregory A. & Adair L. Wood	20.17
70	16	35.1	Wetzel	Center	Gregory A. & Adair L. Wood	2.98
71	16	53	Wetzel	Center	Gregory A. & Adair L. Wood	43.80
72	16	52	Wetzel	Center	Kenneth R. & Jennifer L. Mason	14.00
73	12	28	Wetzel	Center	Roger R. & Diana F. Postelthwait	0.30
74	12	27	Wetzel	Center	Roger R. & Diana F. Postelthwait	0.50

Lease No.	Owner	Acres
870172	Anthony W. Sizemore and Kimberly A. Sizemore	20.64
870082	Kenneth R. Mason and Jennifer L. Mason, et al.	47.5
870080	Ann W. Clutter, et al.	240.98
870056	Robert Brosch and Margery Brosch	18.5
300729	Nancy Jolliffe, et al.	43
870206	Shaun & Tamra Kuhn, et al.	48
870206.22	Carl Hostutler, et al.	2.99
1041329	Kimberly Hope McDiffitt, Remainderman & Ronnie D. Hostutler, L/E	0.5
870151	Ronnie & Trevor Hostutler	21.5
1046394	Nancy E. Jolliffe	13.5 & 28
870175	Acropolis, Inc., et al.	287
870223	Roger Stalnaker	128.38
870235	Nancy Jolliffe, et al.	68.75
300600	ET Blue Grass, et al.	274
870542	James & Margie Montgomery, et al.	102.10
870434	Green Dot Farm	103.5
870050	Michael Cullinan, et al.	195
870050.02	Green Dot Farm, Inc., et al.	125

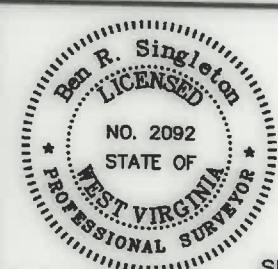


● Proposed Gas Well
● Located Corner, as noted
— Surface Tract Lines
— Reference Line
— Lease Boundary
— Creek or Drain
⑤ WV County Route
⑤ WV State Route



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 3H
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 10 20 21
OPERATOR'S WELL NO.: Sizemore 3H
API WELL NO
47 - 103 - 03345
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: 7,318'

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