

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: LIT51 5H (675527)

API: 47 - 103 - 03346

Submission: Initial Amended

Notes:

Reviewed

Kimberly Reynolds 8-22-2022

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FEB 14 2022

NY 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 - 03346 County Wetzel District Center
Quad Littleton Pad Name Sizemore Field/Pool Name N/A
Farm name Anthony W. & Kimberly A. Sizemore Well Number LIT51 5H (675527)
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 4,388,552.94 Easting 540,416.88
Landing Point of Curve Northing 4,388,130.15 Easting 539,838.86
Bottom Hole Northing 4,391,131.47 Easting 536,720.43

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 13.6 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 07/23/2020 Date drilling ceased 02/12/2021
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 RECEIVED N/A
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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug. **MAR 17 2022**

Freshwater depth(s) ft 148, 654, 689 GL Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1831 GL Void(s) encountered (Y/N) depths N
Coal depth(s) ft 499,726,860 GL Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by: _____
09/09/2022

API 47- 103 03346 Farm name Anthony W. & Kimberly A. Sizemore Well number LIT51 5H (675527)

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"	1143'	NEW	J-55 54.5#	855'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2453'	NEW	P-110 40#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	22,485'	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	970	16.0	1.13	1096	0	8
Coal							
Intermediate 1	CLASS A	825	15.6	1.18	974	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4410	15.2	1.15	5072	1054	8+
Tubing							

Drillers TD (ft) 22,490' GL Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 1157' GL

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 1963' GL _____

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 - 03346 Farm name Anthony W. & Kimberly A. Sizemore Well number LIT51 5H (675527)

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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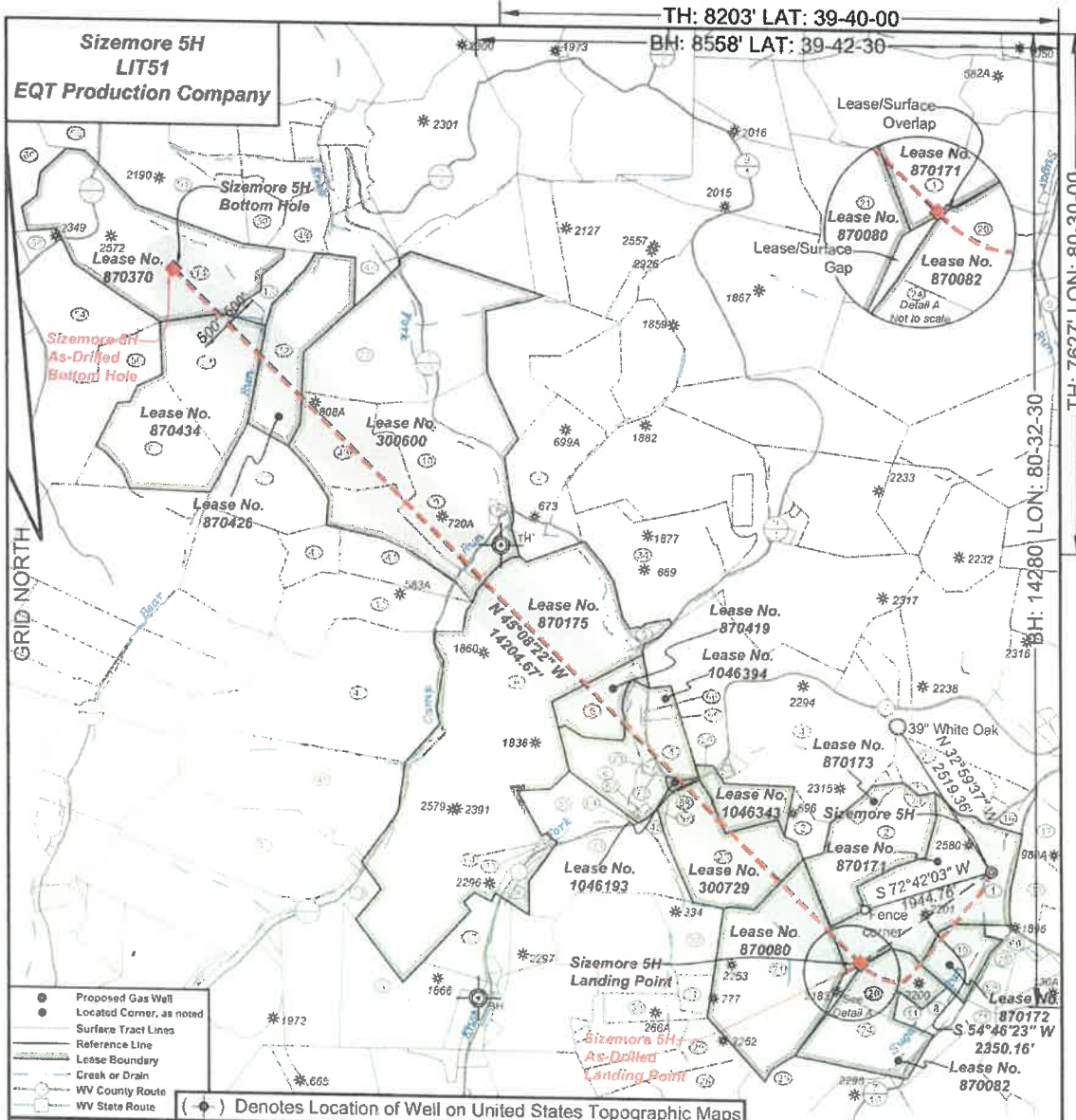
Well# Sizemore 5H Final Formations API# 47-103-03346				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	499	499
Waynesburg	499	499	503	503
Sand/Shale	503	503	727	727
Sewickley	727	727	733	733
Sand/Shale	733	733	883	883
Pittsburgh	883	883	893	893
Sand/Shale	893	893	2,211	2,211
Big Injun	2,211	2,211	2,335	2,335
Sand/Shale	2,335	2,335	2,479	2,479
Berea	2,479	2,479	2,733	2,732
Sand/Shale	2,733	2,732	2,819	2,818
Gantz	2,819	2,818	3,005	3,003
Fifty foot	3,005	3,003	3,073	3,070
Thirty foot	3,073	3,070	3,105	3,101
Sand/Shale	3,105	3,101	3,157	3,152
Bayard	3,157	3,152	3,603	3,585
Sand/Shale	3,603	3,585	3,666	3,645
Speechley	3,666	3,645	3,744	3,717
Balltown A	3,744	3,717	4,061	4,005
Sand/Shale	4,061	4,005	5,629	5,348
Alexander	5,629	5,348	6,072	5,731
Elk	6,072	5,731	7,399	6,864
Sonyea	7,399	6,864	7,582	7,012
Middlesex	7,582	7,012	7,640	7,055
Genesee	7,640	7,055	7,758	7,133
Geneseo	7,758	7,133	7,808	7,163
Tully	7,808	7,163	7,848	7,185
Hamilton	7,848	7,185	8,130	7,291
Marcellus	8,130	7,291	22,490	7,309

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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

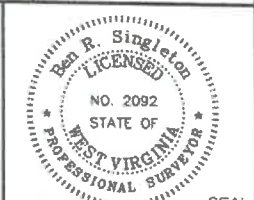
(*) Denotes Location of Well on United States Topographic Maps



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 5H
 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 17 20 21
 OPERATOR'S WELL NO.: Sizemore 5H
 API WELL NO. 47 - 103 - 03346
 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: 7,325'

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

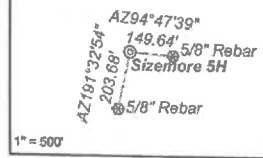
TH: 8203' LAT: 39-40-00
 BH: 8558' LAT: 39-42-30
 TH: 7627' LON: 80-30-00
 BH: 14280' LON: 80-32-30

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**Sizemore 5H
LIT51
EQT Production Company**

Well Reference

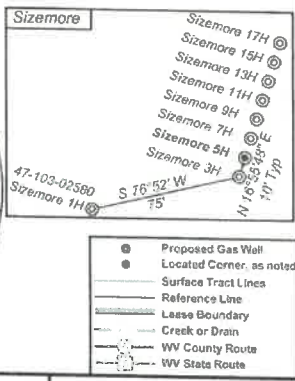
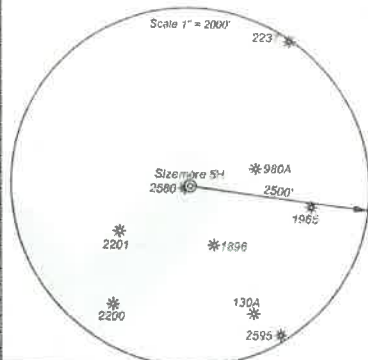


As Drilled Well Information:
Sizemore 5H coordinates are
NAD 27 N: 418,959.33 E: 1,710,207.25
NAD 83 UTM N: 4,388,552.94 E: 640,416.88
Sizemore 5H Kick Out Point coordinates are
NAD 27 N: 418,959.69 E: 1,710,207.15
NAD 83 UTM N: 4,388,553.09 E: 640,416.85
Sizemore 5H Lensing Point coordinates are
NAD 27 N: 417,803.72 E: 1,708,287.45
NAD 83 UTM N: 4,388,130.15 E: 538,838.86
Sizemore 5H Bottom Hole coordinates are
NAD 27 N: 427,623.45 E: 1,698,216.81
NAD 83 UTM N: 4,391,131.47 E: 536,720.43
West Virginia Coordinate system of 1927 (North Zone)
based upon Differential GPS Measurements.
Plat orientation, corner and well lies 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	9	Wetzel	Center	Anthony Sizemore	76.38
2	10	8	Wetzel	Center	Larry D. Roberts	44.00
3	16	6	Wetzel	Center	Marlynn E. Thomas	70.87
4	12	10	Wetzel	Center	Nancy E. Joffie	173.00
5	12	18	Wetzel	Center	Harold L. Patricia J. Henderson	3.40
6	12	10	Wetzel	Center	Nancy E. Joffie	306.81
7	12	10	Wetzel	Center	Flornie Huggins	96.00
8	16	32	Wetzel	Center	Gertrude Teagarden, et al.	4.30
9	15	9	Wetzel	Center	Nancy E. Joffie	44.77
10	12	8	Wetzel	Center	Nancy E. Joffie	29.28
11	16	30	Wetzel	Center	Gertrude Teagarden, et al.	4.00
12	11	10	Wetzel	Center	Howard M. Henderson	80.00
13	11	9	Wetzel	Center	Howard M. Henderson	10.10
14	8	43	Wetzel	Center	Howard M. Henderson	113.00
15	12	9	Wetzel	Center	Jefferson Lewis, et al.	7.03
16	18	10	Wetzel	Center	Ray & Casanova Stonning	5.72
17	16	12	Wetzel	Center	Thomas Jones, et al.	34.20
18	10	11	Wetzel	Center	Earl Holt, et al.	20.00
19	10	33	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	29.84
20	16	31	Wetzel	Center	Devona D. & Kelly M. Reed	18.23
21	16	28	Wetzel	Center	William J. Morris Revocable Trust	63.70
22	12	31	Wetzel	Center	John S. Barkley, et al.	22.50
23	18	8	Wetzel	Center	Marlynn E. Thomas	70.87
24	18	20	Wetzel	Center	Devona D. & Kelly M. Reed	18.23
25	16	47	Wetzel	Center	Mary V. Simpson	36.25
26	12	10	Wetzel	Center	Nancy E. Joffie	0.71
27	11	11	Wetzel	Center	Nancy E. Joffie	58.75
28	10	44	Wetzel	Center	Paul E. & Cecilia M. Wards	23.00
29	16	43	Wetzel	Center	Stephen W. Hill, et al.	22.00
30	16	26	Wetzel	Center	John K. Parsinger	17.00
31	16	78	Wetzel	Center	John K. Parsinger	5.90
32	18	27	Wetzel	Center	William J. Morris Revocable Trust	16.10
33	16	5	Wetzel	Center	Sharon D. & Tamra M. Kuhn	60.00
34	12	17	Wetzel	Center	Penay O. Rice	87.00
35	10	2	Wetzel	Center	Trevor G. Mosholder, et al.	21.50
36	18	3	Wetzel	Center	Steven P. & Brenda L. Gams	0.26
37	10	13	Wetzel	Center	Edward A. Glaser	15.18
38	15	27	Wetzel	Center	Harry & Marilyn Kennedy	61.21
39	15	20	Wetzel	Center	Thomas Mason, et al.	50.90
40	15	7	Wetzel	Center	Shawn F. & James R. Garbe	60.00
41	15	7	Wetzel	Center	Shawn F. & James R. Garbe	61.78
42	11	42	Wetzel	Center	Heidi J. & Ted J. Yewicko	136.40
43	11	41	Wetzel	Center	Nancy E. Joffie	47.07
44	11	27	Wetzel	Center	Nancy E. Joffie	47.90
45	10	5	Wetzel	Center	Nancy E. Joffie	3.50
46	11	25	Wetzel	Center	James B. & Margie L. Montgomerie	11.00
47	8	54	Wetzel	Center	Howard M. Henderson	19.00
48	8	47	Wetzel	Center	Howard M. Henderson	14.70
49	11	26	Wetzel	Center	Nancy E. Joffie	43.00
50	6	65	Wetzel	Center	Ashley Murphy, et al.	0.43
51	8	64	Wetzel	Center	William D. Henderson	65.00
52	11	23	Wetzel	Center	James B. & Margie L. Montgomerie	63.70
53	11	8	Wetzel	Center	James B. & Margie L. Montgomerie	12.00
54	11	6	Wetzel	Center	Ray S. & Termy R. Sisco	60.00
55	6	20	Wetzel	Center	Howard M. & William C. Henderson	17.00
56	11	6	Wetzel	Center	Larry L. & Lola J. Dierm	88.50
57	10	8	Wetzel	Center	Nancy E. Joffie	1.02
58	15	20	Wetzel	Center	Nancy E. Joffie	2.27
59	12	10	Wetzel	Center	Marlynn E. Thomas	1.25
60	8	42	Wetzel	Center	Jeffrey P. & Howard M. Henderson	27.00
61	18	3	Wetzel	Center	Kimberly H. McElrath	0.50
62	18	4	Wetzel	Center	Nancy E. Joffie	1.27
63	16	1	Wetzel	Center	Mt. Zion Baptist Church	0.50
64	16	82	Wetzel	Center	Mt. Zion Baptist Church	0.48

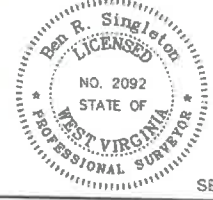
Tract ID	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
65	12	10	Wetzel	Center	John & Terry E. Fisher	0.15
66	12	10	Wetzel	Center	Jana Fisher	0.35
67	11	7	Wetzel	Center	Gilbert T. Parer, et al.	11.00
68	11	6	Wetzel	Center	Roger L. & Sandra K. Wade	4.00
69	10	28	Wetzel	Center	Gregory A. & Adair L. Wood	20.17
70	10	35	Wetzel	Center	Gregory A. & Adair L. Wood	2.60
71	18	53	Wetzel	Center	Gregory A. & Adair L. Wood	43.80
72	12	28	Wetzel	Center	Roger R. & Diana F. Postzwast	0.30
73	12	27	Wetzel	Center	Roger R. & Diana F. Postzwast	0.50

Lease No.	Owner	Acres
870172	Anthony W. Sizemore & Kimberly A. Sizemore	20.64
870082	Kenneth & Jennifer Mason, et al.	47.5
870090	Ann W. Clutter, et al.	240.98
870173	Larry & Sharon Roberts	48.9
300720	Nancy E. Joffie, et al.	43
1046343	Nancy E. Joffie, et al.	21.75
1046193	Nancy E. Joffie	2.3
1046304	Nancy E. Joffie	13.5 & 28
870419	Donald L. White and Linda L. White, et al.	21.28
870175	Acropolis, Inc., et al.	287
300800	ET Blue Grass, et al.	274
870426	Howard Henderson, et al.	49
870434	Green Dot Farm	103.5
870370	Green Dot Farm, Inc., et al.	111



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. Singlet
P.S. 2092



FILE NO: 208-19
DRAWING NO: Sizemore 5H
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 17, 2021
OPERATOR'S WELL NO.: Sizemore 5H
API WELL NO: 47-103-03346
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: 7,325'

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	07/14/2021	22294	22134	36	Marcellus
3	07/15/2021	22115	21955	36	Marcellus
4	07/15/2021	21936	21776	36	Marcellus
5	07/16/2021	21757	21617	32	Marcellus
6	07/16/2021	21599	21459	32	Marcellus
7	07/16/2021	21441	21301	32	Marcellus
8	07/17/2021	21283	21143	32	Marcellus
9	07/17/2021	21125	20965	36	Marcellus
10	07/18/2021	20945	20764	40	Marcellus
11	07/18/2021	20745	20564	40	Marcellus
12	07/19/2021	20545	20364	40	Marcellus
13	07/19/2021	20345	20164	40	Marcellus
14	07/20/2021	20145	19964	40	Marcellus
15	07/20/2021	19942	19764	40	Marcellus
16	07/21/2021	19743	19564	40	Marcellus
17	07/21/2021	19543	19364	40	Marcellus
18	07/22/2021	19342	19164	40	Marcellus
19	07/22/2021	19144	18964	40	Marcellus
20	07/23/2021	18944	18764	40	Marcellus
21	07/23/2021	18741	18564	40	Marcellus
22	07/24/2021	18541	18364	40	Marcellus
23	07/24/2021	18341	18164	40	Marcellus
24	07/24/2021	18143	17964	40	Marcellus
25	07/25/2021	17941	17764	40	Marcellus
26	07/25/2021	17743	17564	40	Marcellus
27	07/26/2021	17544	17364	40	Marcellus
28	07/26/2021	17345	17164	40	Marcellus
29	07/27/2021	17142	16964	40	Marcellus
30	07/27/2021	16944	16764	40	Marcellus
31	07/27/2021	16743	16564	40	Marcellus
32	07/28/2021	16543	16364	40	Marcellus
33	07/28/2021	16341	16164	40	Marcellus
34	07/29/2021	16145	15964	40	Marcellus
35	07/29/2021	15942	15764	40	Marcellus
36	07/30/2021	15745	15564	40	Marcellus
37	07/30/2021	15543	15364	40	Marcellus
38	07/31/2021	15345	15164	40	Marcellus
39	07/31/2021	15141	14964	40	Marcellus
40	07/31/2021	14941	14764	40	Marcellus
41	08/01/2021	14745	14564	40	Marcellus
42	08/01/2021	14545	14364	40	Marcellus
43	08/02/2021	14345	14164	40	Marcellus
44	08/02/2021	14145	13964	40	Marcellus

45	08/03/2021	13945	13764	40	Marcellus
46	08/03/2021	13745	13564	40	Marcellus
47	08/03/2021	13541	13364	40	Marcellus
48	08/04/2021	13345	13164	40	Marcellus
49	08/04/2021	13145	12964	40	Marcellus
50	08/04/2021	12945	12764	40	Marcellus
51	08/05/2021	12745	12564	40	Marcellus
52	08/05/2021	12545	12364	40	Marcellus
53	08/06/2021	12345	12164	40	Marcellus
54	08/06/2021	12145	11964	40	Marcellus
55	08/07/2021	11945	11764	40	Marcellus
56	08/07/2021	11745	11564	40	Marcellus
57	08/08/2021	11545	11364	40	Marcellus
58	08/08/2021	11345	11164	40	Marcellus
59	08/09/2021	11145	10964	40	Marcellus
60	08/10/2021	10945	10764	40	Marcellus
61	08/10/2021	10745	10564	40	Marcellus
62	08/11/2021	10545	10364	40	Marcellus
63	08/11/2021	10345	10164	40	Marcellus
64	08/11/2021	10145	9964	40	Marcellus
65	08/12/2021	9945	9764	40	Marcellus
66	08/13/2021	9745	9564	40	Marcellus
67	08/13/2021	9545	9364	40	Marcellus
68	08/14/2021	9345	9164	40	Marcellus
69	08/14/2021	9145	8964	40	Marcellus
70	08/14/2021	8945	8764	40	Marcellus
71	08/15/2021	8745	8564	40	Marcellus
72	08/15/2021	8545	8364	40	Marcellus
73	08/16/2021	8345	8164	40	Marcellus
74	08/16/2021	8145	7964	40	Marcellus
75	08/17/2021	7945	7764	40	Marcellus

RECEIVED
Office of Oil and Gas
FEB 14 2022
W/ Deputy
Environ...

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	07/14/2021	54	9014	7118	5014	176121	8867	
2	07/14/2021	75	9317	6579	5378	396951	9439	
3	07/15/2021	80	9383	4045	5045	395294	9253	
4	07/15/2021	78	9358	6545	4906	396450	9485	
5	07/16/2021	78	9372	6033	5012	352184	8411	
6	07/16/2021	77	9355	6574	4671	352378	8420	
7	07/17/2021	75	9377	6060	4642	352010	8369	
8	07/17/2021	74	9341	6148	4937	352522	8430	
9	07/18/2021	73	9381	6048	4936	396226	9378	
10	07/18/2021	86	9367	6048	5127	440040	10202	
11	07/19/2021	96	9384	6349	5649	440330	10342	
12	07/19/2021	96	9392	6255	5573	440000	10107	
13	07/20/2021	96	9407	6139	5607	440003	10105	
14	07/20/2021	96	9414	6502	5555	440006	9989	
15	07/21/2021	98	9415	6330	5554	440000	11286	
16	07/21/2021	99	9411	6164	5560	440134	9966	
17	07/22/2021	100	9395	6379	5734	440073	10058	
18	07/22/2021	99	9389	6044	5538	439967	9933	
19	07/23/2021	99	9395	5394	5295	440427	9972	
20	07/23/2021	99	9289	6541	5144	440362	9886	
21	07/24/2021	100	9341	5912	5335	439999	9925	
22	07/24/2021	99	9385	6179	5307	440996	9778	
23	07/24/2021	97	9256	6058	5273	440596	9922	
24	07/25/2021	99	9372	5863	5525	440332	9831	
25	07/25/2021	100	9284	6381	4972	440281	9870	
26	07/26/2021	98	9188	5823	5366	440489	9944	
27	07/26/2021	99	9395	5991	5443	440272	9868	
28	07/26/2021	100	9320	4223	5219	441476	10024	
29	07/27/2021	100	9130	6273	5608	440210	11130	
30	07/27/2021	100	9235	6368	5471	440070	9915	
31	07/28/2021	100	9247	5740	5187	440006	9854	
32	07/28/2021	100	9312	6189	5063	440408	9900	
33	07/29/2021	101	9233	6502	4993	439954	9982	
34	07/29/2021	100	9205	5762	5238	440146	9847	
35	07/29/2021	100	9258	6171	5034	440937	9842	
36	07/30/2021	100	9249	6226	5024	440087	9783	
37	07/30/2021	100	9256	6033	4740	440232	9886	
38	07/31/2021	100	9284	5872	4807	440006	9784	
39	07/31/2021	100	9242	6401	4944	440081	9818	
40	08/01/2021	100	9269	6063	5208	440287	9624	
41	08/01/2021	100	9197	5986	5178	440159	9820	
42	08/02/2021	100	9237	5986	5061	440016	9808	
43	08/02/2021	100	9272	5930	5364	440087	9827	

09/09/2022

44	08/03/2021	100	9219	6022	5854	440236	9969
45	08/03/2021	100	9231	6206	5273	440783	9749
46	08/03/2021	100	9178	6469	5045	440157	9786
47	08/04/2021	100	9312	6511	5328	440237	9843
48	08/04/2021	100	9281	6568	4864	440285	9726
49	08/04/2021	100	9230	6712	4816	440498	9910
50	08/05/2021	101	9199	6133	4919	440037	9668
51	08/05/2021	100	9286	6773	5081	440135	9714
52	08/05/2021	100	9194	7528	5487	440003	9799
53	08/06/2021	100	9210	6595	4915	440098	9678
54	08/07/2021	101	9227	7026	4978	440031	9704
55	08/07/2021	100	9179	6910	5125	440078	9673
56	08/08/2021	100	9232	7034	4984	440085	9659
57	08/08/2021	100	9227	6945	4835	440018	9703
58	08/09/2021	100	9233	6820	4904	440049	9659
59	08/10/2021	101	9221	6987	5020	440422	9623
60	08/10/2021	100	9247	6669	4766	440076	9626
61	08/11/2021	101	9019	6817	4874	440037	9595
62	08/11/2021	100	9271	6590	5236	440290	9622
63	08/11/2021	100	9293	6634	2615	440082	10079
64	08/12/2021	100	9128	6850	5178	440253	9518
65	08/13/2021	100	9296	6911	5282	440024	9526
66	08/13/2021	100	9180	6917	4920	440131	9473
67	08/13/2021	100	9226	7020	5052	440121	9560
68	08/14/2021	100	9218	6860	5889	440213	9956
69	08/14/2021	101	9309	6474	5298	440303	9494
70	08/15/2021	100	9228	6882	4867	440000	9505
71	08/15/2021	100	9228	6962	4547	440000	9478
72	08/16/2021	100	9108	6816	5168	440024	9491
73	08/16/2021	100	8994	7142	5065	440000	9497
74	08/17/2021	100	9250	6952	5218	440013	9497
75	08/17/2021	100	9110	6588	4634	440087	9445

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:	47-103-03346-00-00
Operator Name:	EQT Production
Well Name and Number:	Sizemore 5H
Latitude:	39.64581120
Longitude:	-80.52893680
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,337
Total Base Water Volume (gal):	29,978,970
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	88.59450	None
Sand (Proppant)	EQT	Proppant	Silica Substrate	14808-60-7	100.00000	11.19320	None
FR-9800	ChemStream	Friction Reducer	Copolymer of 2-propenamide	Proprietary	30.00000	0.00940	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	0.00420	None
HCl	Beusa Holdings, Inc. dba Evolution Well Services Operating, LLC.	Acid					
Clearal 268	ChemStream	Biocide	Hydrogen Chloride	7647-01-0	15.00000	0.00190	None
			Glutaraldehyde	111-30-8	20.00000	0.00060	None

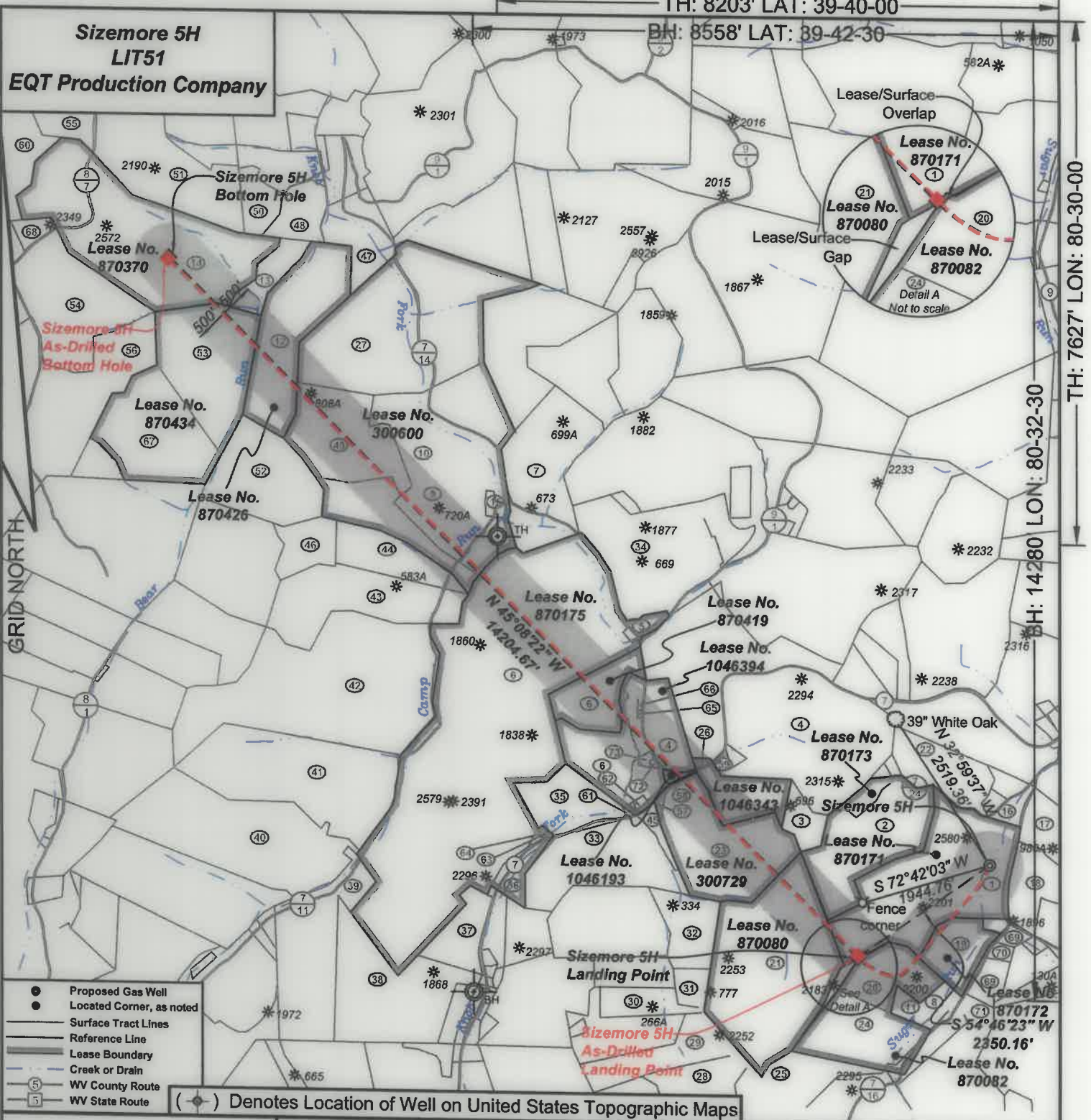
TH: 8203' LAT: 39-40-00

BH: 8558' LAT: 39-42-30

TH: 7627' LON: 80-30-00

BH: 14280 LON: 80-32-30

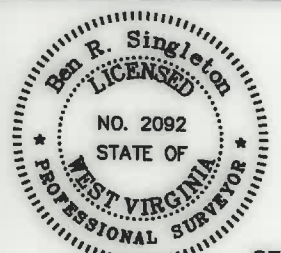
**Sizemore 5H
LIT51
EQT Production Company**



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 5H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: February 17 20 21
 OPERATOR'S WELL NO.: Sizemore 5H
 API WELL NO
 47 - 103 - 03346
 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: 7,325'

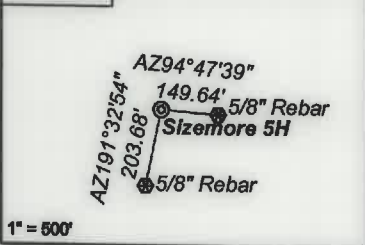
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280
 Canonsburg, PA 15317 Bridgeport, WV 26330

09/09/2022

**Sizemore 5H
LIT51
EQT Production Company**

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	Marilyn E. Thomas	70.97
4	12	19	Wetzel	Center	Nancy E. Jolliffe	172.10
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	Florine 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	40.00
13	11	9	Wetzel	Center	Howard M. Henderson	10.10
14	8	43	Wetzel	Center	Howard M. Henderson	112.00
15	12	9.1	Wetzel	Center	Jefferson Littell, et al.	2.03
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	Eari 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	8	Wetzel	Center	Marilyn E. Thomas	70.97
24	16	29	Wetzel	Center	Devona D. & Kelley M. Reed	20.25
25	16	47	Wetzel	Center	Mary V. Simpson	36.25
26	12	19.1	Wetzel	Center	Nancy E. Jolliffe	0.71
27	11	11	Wetzel	Center	Nancy E. Jolliffe	56.75
28	16	44	Wetzel	Center	Paul E. & Cecilia M. Wendt	23.00
29	16	43	Wetzel	Center	Stephen W. Hill, et al.	22.00
30	16	28	Wetzel	Center	John K. Peralinger	12.00
31	16	78	Wetzel	Center	John K. Peralinger	5.00
32	16	27	Wetzel	Center	William J. Morris Revocable Trust	16.50
33	16	5	Wetzel	Center	Shaun D. & Tamra M. Kuhn	48.00
34	12	17	Wetzel	Center	Pancy O. Rice	67.50
35	16	2	Wetzel	Center	Trevor G. Hostutler, et al.	21.50
36	16	1	Wetzel	Center	Steven P. & Brande L. Sams	0.25
37	16	13.1	Wetzel	Center	Edward A. Glaser	15.59
38	15	27.1	Wetzel	Center	Harry & Marilyn Kennedy	61.31
39	15	28	Wetzel	Center	Thomas Moore, et al.	50.90
40	15	7	Wetzel	Center	Steven P. & James R. Barbe	96.00
41	15	7.1	Wetzel	Center	Steven P. & James R. Barbe	81.75
42	11	42	Wetzel	Center	Nicole J. & Ted J. Yowonaka	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	8	54	Wetzel	Center	Howard M. Henderson	19.00
48	8	47	Wetzel	Center	Howard M. Henderson	14.75
49	11	26	Wetzel	Center	Nancy E. Jolliffe	43.00
50	8	55	Wetzel	Center	Ashley Murphy, et al.	9.43
51	8	44	Wetzel	Center	William D. Henderson	65.00
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	8	29	Wetzel	Center	Howard M. & William D. Henderson	57.00
56	11	6.1	Wetzel	Center	Larry L. & Lola J. Deem	94.50
57	16	6.1	Wetzel	Center	Nancy E. Jolliffe	1.03
58	12	20	Wetzel	Center	Nancy E. Jolliffe	2.27
59	12	19.2	Wetzel	Center	Marilyn E. Thomas	1.23
60	8	42	Wetzel	Center	Jeffrey P. & Howard M. Henderson	67.00
61	16	3	Wetzel	Center	Kimberly H. McNeill	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	0.48

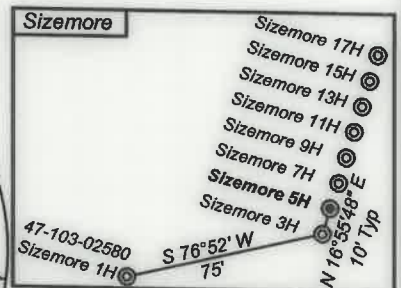
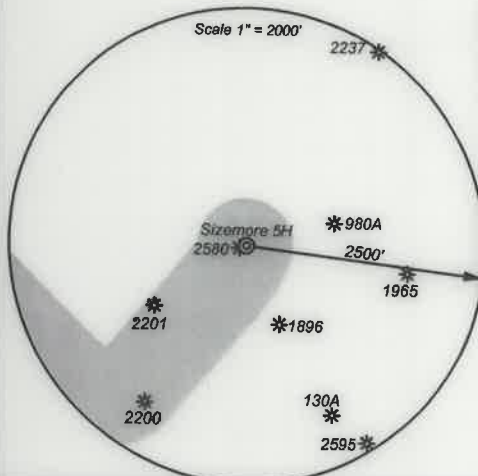
Well References



As Drilled Well Information:
 Sizemore 5H coordinates are
 NAD 27 N: 418,959.33 E: 1,710,207.25
 NAD 83 UTM N: 4,388,552.94 E: 540,416.88
 Sizemore 5H Kick Out Point coordinates are
 NAD 27 N: 418,959.69 E: 1,710,207.15
 NAD 83 UTM N: 4,388,553.05 E: 540,416.85
 Sizemore 5H Landing Point coordinates are
 NAD 27 N: 417,603.72 E: 1,708,287.46
 NAD 83 UTM N: 4,388,130.15 E: 539,838.86
 Sizemore 5H Bottom Hole coordinates are
 NAD 27 N: 427,623.45 E: 1,698,218.81
 NAD 83 UTM N: 4,391,131.47 E: 536,720.43
 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	19.5	Wetzel	Center	Janis & Terry E. Fisher	0.15
66	12	19.3	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	83	Wetzel	Center	Gregory A. & Adair L. Wood	43.80
72	12	28	Wetzel	Center	Roger R. & Diana F. Postelthwait	0.30
73	12	27	Wetzel	Center	Roger R. & Diana F. Postelthwait	0.59

Lease No.	Owner	Acres
870172	Anthony W. Sizemore & Kimberly A. Sizemore	20.64
870082	Kenneth & Jennifer Mason, et al.	47.5
870080	Ann W. Clutter, et al.	240.98
870173	Larry & Sharon Roberts	48.9
300729	Nancy Jolliffe, et al.	43
1046343	Nancy E. Jolliffe, et al.	21.75
1046193	Nancy E. Jolliffe	2.3
1046394	Nancy E. Jolliffe	13.5 & 28
870419	Donald L. White and Linda L. White, et al.	21.28
870175	Acropolis, Inc., et al.	287
300600	ET Blue Grass, et al.	274
870426	Howard Henderson, et al.	49
870434	Green Dot Farm	103.5
870370	Green Dot Farm, Inc., et al.	111

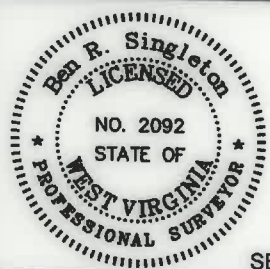


- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- ⑤ WV County Route
- ⑤ WV State Route

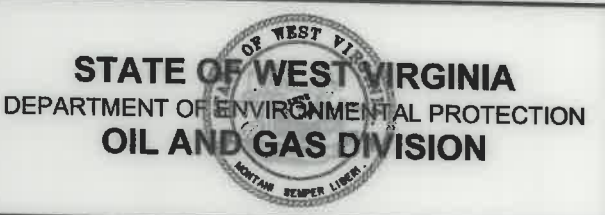


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Ben R. Singleton
P.S. 2092



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 STATE COUNTY PERMIT

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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,325'

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