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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, December 15, 2020  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY  
625 LIBERTY AVE., SUITE 1700  
PITTSBURGH, PA 15222

Re: Permit Modification Approval for SIZEMORE 17H  
47-103-03351-00-00

**Extend Lateral, Total Measured Depth 13086' to 17200'. Updated Leases and Plat.**

EQT PRODUCTION COMPANY

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned above the printed name and title.

James A. Martin  
Chief

Operator's Well Number: SIZEMORE 17H  
Farm Name: ANTHONY W. & KIMBERLY A. SIZEMORE  
U.S. WELL NUMBER: 47-103-03351-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 12/15/2020

Promoting a healthy environment.

WW-6B  
(04/15)

API NO. 47- 103 - 03351  
OPERATOR WELL NO. 17H  
Well Pad Name: Sizemore

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator: EQT Production Company 306686 Wetzel Center Littleton  
Operator ID County District Quadrangle

2) Operator's Well Number: 17H Well Pad Name: Sizemore

3) Farm Name/Surface Owner: Anthony W. Sizemore Public Road Access: CR 7/16

4) Elevation, current ground: 1148' (built) Elevation, proposed post-construction: 1148' (built)

5) Well Type (a) Gas  Oil \_\_\_\_\_ Underground Storage \_\_\_\_\_

Other \_\_\_\_\_

(b) If Gas Shallow  Deep \_\_\_\_\_

Horizontal

6) Existing Pad: Yes or No Yes *DMDH 10/7/20*

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Marcellus, 7377', 50', 2,620 psi

8) Proposed Total Vertical Depth: 7,377'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17,200'

11) Proposed Horizontal Leg Length: 8,302'

12) Approximate Fresh Water Strata Depths: 176', 682', 717' ✓

13) Method to Determine Fresh Water Depths: Offset Wells 47-103-02120; 47-103-02121; 47-103-02580

14) Approximate Saltwater Depths: 1,859'

15) Approximate Coal Seam Depths: 527'-531'; 754.5'-761', 888'-891' ✓

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes \_\_\_\_\_ No

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(a) If Yes, provide Mine Info: Name: \_\_\_\_\_

Depth: \_\_\_\_\_

Seam: \_\_\_\_\_

Owner: \_\_\_\_\_

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WV Department of  
Environmental Protection

WW-6B  
(04/15)

API NO. 47- 103 - 03351  
 OPERATOR WELL NO. 17H  
 Well Pad Name: Sizemore

18)

**CASING AND TUBING PROGRAM**

<b>TYPE</b>	<b>Size (in)</b>	<b>New or Used</b>	<b>Grade</b>	<b>Weight per ft. (lb/ft)</b>	<b>FOOTAGE: For Drilling (ft)</b>	<b>INTERVALS: Left in Well (ft)</b>	<b>CEMENT: Fill-up (Cu. Ft.)/CTS</b>
Conductor	26	New	A-500	85.6	40	40 ✓	60 ft <sup>3</sup> / CTS
Fresh Water	13 3/8	New	J-55	54.5	1160	1160 ✓	911 ft <sup>3</sup> / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2463	2463	958 ft <sup>3</sup> / CTS
Production	5 1/2	New	P-110	20	17200	17200	500' above intermediate casing
Tubing							
Liners							

*DMAH 10/7/20*

<b>TYPE</b>	<b>Size (in)</b>	<b>Wellbore Diameter (in)</b>	<b>Wall Thickness (in)</b>	<b>Burst Pressure (psi)</b>	<b>Anticipated Max. Internal Pressure (psi)</b>	<b>Cement Type</b>	<b>Cement Yield (cu. ft./k)</b>
Conductor	26	30	0.312	1050	18	Class A	1.18
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A / Type 1	1.13 - 1.19
Coal							
Intermediate	9 5/8	12 3/8	0.352	3520	2816	Class A / Type 1	1.13 - 1.19
Production	5 1/2	8 1/2	0.361	14360	11488	Class A/H	1.04 - 2.098
Tubing							
Liners							

**PACKERS**

<b>Kind:</b>				<b>RECEIVED</b> Office of Oil and Gas
<b>Sizes:</b>				DEC 04 2020
<b>Depths Set:</b>				WV Department of Environmental Protection

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

This well has been topset. EQT will continue drilling the curve. Drill the lateral in the Marcellus. Cement casing.

*DMH 10/17/20*

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): N/A - Site built

22) Area to be disturbed for well pad only, less access road (acres): N/A - Site built

23) Describe centralizer placement for each casing string:

- Surface: Bow spring centralizers – One centralizer at the shoe and one spaced every 500’.
- Intermediate: Bow spring centralizers– One centralizer at the shoe and one spaced every 500’.
- Production: One solid body centralizer spaced every joint from production casing shoe to KOP

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24) Describe all cement additives associated with each cement type:

Conductor: Class A no additives  
Surface: Calcium Chloride. Used to speed the setting of cement slurries  
Intermediate: Calcium Chloride. Used to speed the setting of cement slurries.  
Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, Anti-Settling/Suspension Agent

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25) Proposed borehole conditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.  
Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.  
Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

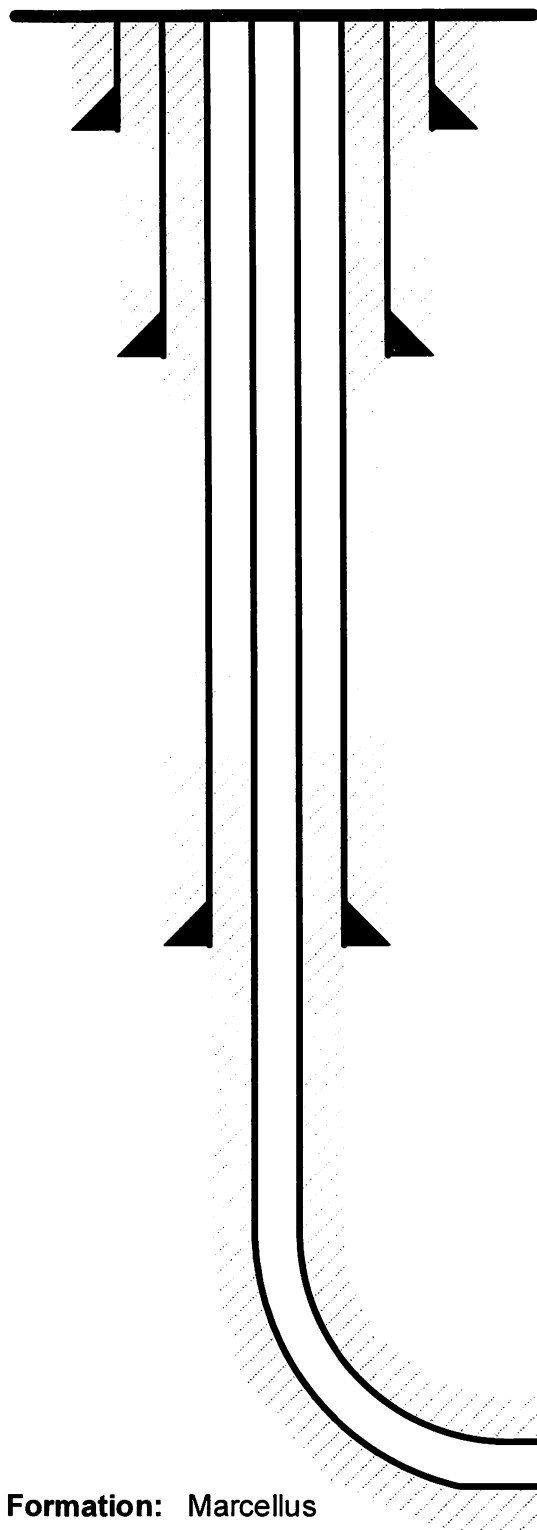
\*Note: Attach additional sheets as needed.

**EQT Production**

**Wellbore Diagram**

Well: Sizemore 17H  
Pad: Sizemore  
Elevation: 1148' GL 1161' KB

County: Wetzel  
State: West Virginia



**Conductor @ 40'**

26", 85.6#, A-500, cement to surface w/ Class A

**Surface @ 1,160'**

13-3/8", 54.5#, J-55, cement to surface w/ Class A

**Intermediate @ 2,493'**

9-5/8", 40#, P-110, cement to surface w/ Class A

**Production @ 17,200' MD / 7,377' TVD**

5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H

**Formation: Marcellus**

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*DMH 10/17/20*

NOT TO SCALE



# SITE SAFETY AND ENVIRONMENTAL PLAN

Sizemore Pad

Wells: 1H, 3H, 5H, 7H, 9H

11H, 13H, 15H, 17H

Center District

Wetzel County, WV

Prepared By: Donny Prater, CSP, Health and Safety Sciences, LLC

Approved By: Scott M. Held, Senior Safety Coordinator

Created Date: 29-Jan-20

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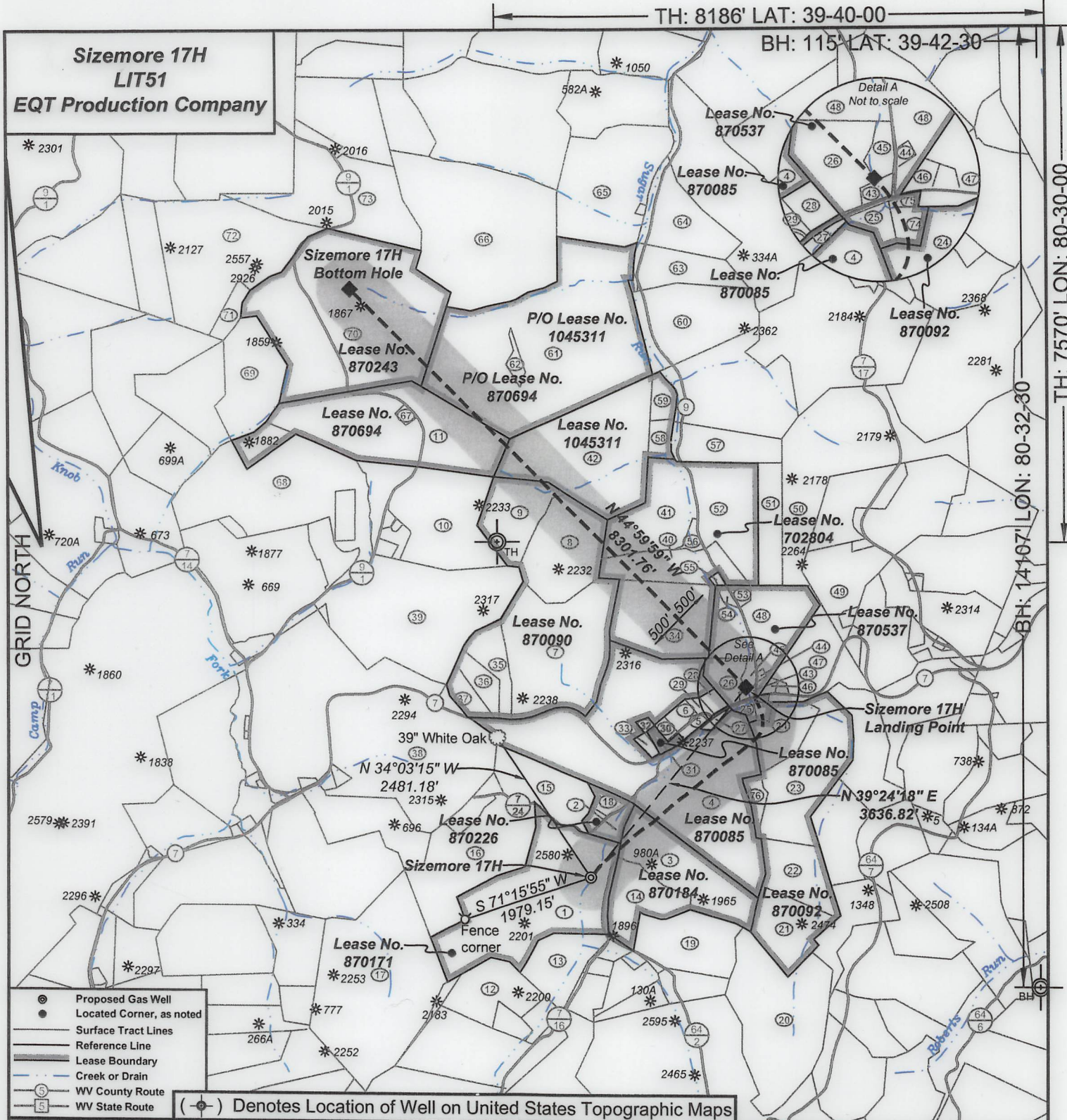
*John F. Zavatchan Jr.*

*Derek M. Haught*

John Zavatchan  
Project Specialist - Permitting  
EQT Production Company

Derek Haught  
Oil and Gas Inspector  
West Virginia DEP

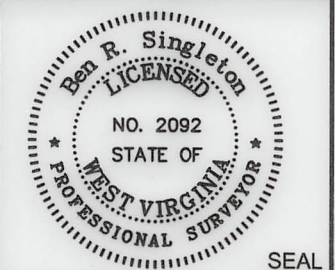




*I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.*

*Ben R. Singleton*

P.S. 2092



FILE NO: 208-19  
 DRAWING NO: Sizemore 17H  
 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**

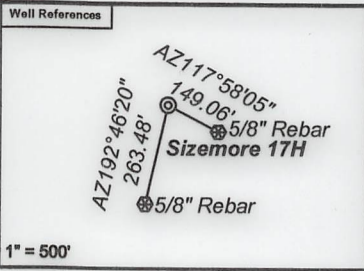
DATE: December 1 20 20  
 OPERATOR'S WELL NO.: Sizemore 17H  
 API WELL NO  
 47 - 103 - 03351  
 STATE COUNTY PERMIT

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: 7,377'

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 17H  
LIT51  
EQT Production Company**

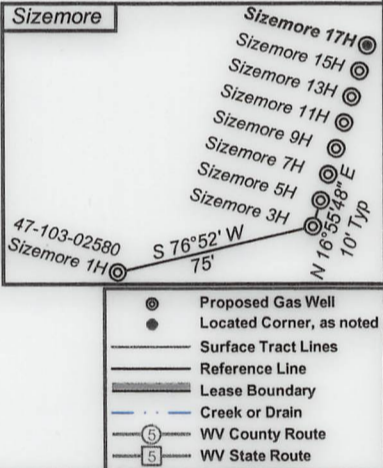
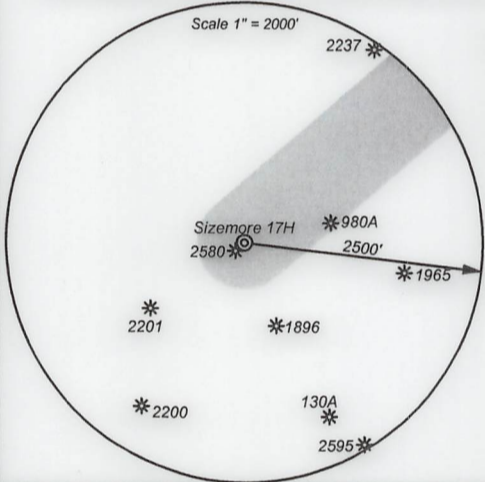


**Notes:**  
Sizemore 17H coordinates are  
NAD 27 N: 419,016.73 E: 1,710,224.72  
NAD 27 Lat: 39.645886 Long: -80.529070  
NAD 83 UTM N: 4,388,570.52 E: 540,421.91  
Sizemore 17H Landing Point coordinates are  
NAD 27 N: 421,826.81 E: 1,712,533.39  
NAD 27 Lat: 39.653673 Long: -80.520986  
NAD 83 UTM N: 4,389,438.41 E: 541,111.02  
Sizemore 17H Bottom Hole coordinates are  
NAD 27 N: 427,697.06 E: 1,706,663.18  
NAD 27 Lat: 39.669604 Long: -80.542075  
NAD 83 UTM N: 4,391,196.94 E: 539,292.77  
West Virginia Coordinate system of 1927 (North Zone)  
based upon Differential GPS Measurements.  
Plat orientation, corner and well ties are based upon  
the grid north meridian.  
Well location references are based upon the grid north  
meridian.  
UTM coordinates are NAD83, Zone 17, Meters.

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	16	9	Wetzel	Center	Anthony Sizemore	75.36
2	16	10.1	Wetzel	Center	Ray & Cassandra Stoneking	5.72
3	16	12	Wetzel	Center	Thomas Jones, et al.	34.20
4	12	24	Wetzel	Center	Matthew L. Kennedy	87.87
5	12a	6	Wetzel	Center	Robert K. Tennant	0.57
5	12a	7	Wetzel	Center	Robert K. Tennant	0.57
5	12a	8	Wetzel	Center	Robert K. Tennant	0.33
6	12a	2	Wetzel	Center	Robert K. Tennant	1.37
6	12a	3	Wetzel	Center	Robert K. Tennant	1.37
7	12	23	Wetzel	Center	Reda M. Amos, et al.	55.30
8	12	15	Wetzel	Center	Reda M. Amos, et al.	33.00
9	12	14	Wetzel	Center	Reda M. Amos, et al.	23.54
10	12	12	Wetzel	Center	Nancy E. Jolliffe	41.25
11	12	7	Wetzel	Center	George H. & Elizabeth Williams	61.78
12	16	31	Wetzel	Center	Devona D. & Kelly M. Reed	18.25
13	16	33	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	20.64
14	16	11	Wetzel	Center	Earl Null, et al.	20.00
15	12	31	Wetzel	Center	John S. Starkey, et al.	22.50
16	16	8	Wetzel	Center	Larry D. Roberts	44.50
17	16	28	Wetzel	Center	William J. Morris Revocable Trust	93.25
18	16	10	Wetzel	Center	Calvin C. Cecil	3.18
19	16	37	Wetzel	Center	Russell J. Strum	30.00
20	9	12	Wetzel	Church	Terrance J. & Terri L. O'Brien	61.00
21	9	11	Wetzel	Church	Emma P. & Richard Brister	10.75
22	9	10	Wetzel	Church	William L. Minger	21.00
23	9	8	Wetzel	Church	Mark Ransom	43.30
24	9	8.1	Wetzel	Church	Aamon A. & Flora J. Burley	18.00
25	12	42	Wetzel	Center	Carolyn Crone-Aamot	1.68
26	6	29	Wetzel	Clay	April L. & Gerard B. Norris	7.47
27	12	25	Wetzel	Center	Glenn & Trina Hollabaugh	0.33
28	12a	5	Wetzel	Center	Kevin R. Milliken, et al.	1.86
29	12a	4	Wetzel	Center	Kevin R. Milliken, et al.	1.04
30	12a	1	Wetzel	Center	Scott A. & Abigail D. Tennant	1.37
31	12a	10	Wetzel	Center	Scott A. & Abigail D. Tennant	2.24
32	12a	9	Wetzel	Center	Matthew L. Kennedy	0.77
33	12	44	Wetzel	Center	Scott A. & Abigail D. Tennant	1.49
34	6	21	Wetzel	Clay	Pamela E. Pride	35.75
35	12	22	Wetzel	Center	Reda M. Amos, et al.	14.77
36	12	22.3	Wetzel	Center	EQT Production Company	6.78
37	12	19.6	Wetzel	Center	EQT Production Company	1.70
37	12	22.1	Wetzel	Center	EQT Production Company	2.00
37	12	22.2	Wetzel	Center	EQT Production Company	4.05
38	12	19	Wetzel	Center	Nancy E. Jolliffe	172.10
39	12	21	Wetzel	Center	Jamie L. & Melissa G. Dent	78.30
40	6	33	Wetzel	Clay	Pamela E. Pride	17.37
41	6	18.2	Wetzel	Clay	Randall A. & Tina R. Kuhn	25.50
42	6	17	Wetzel	Clay	Genevieve Booth	64.50
43	6	29.1	Wetzel	Clay	Monica L. Hunter	0.73
44	6	28	Wetzel	Clay	Jamie V. Hassell	0.35
45	6	29.2	Wetzel	Clay	Donald F. & Nancy L. Dorsch	1.57
46	12	41	Wetzel	Center	Irene P. Kyle Estate	1.13
47	12	43	Wetzel	Center	Jack D. & Linda Cosgray	27.29
48	6	27	Wetzel	Clay	John D. Whitehill	35.75
49	10	1	Wetzel	Church	Appalachian Drilling Corp	24.60
50	7	17	Wetzel	Clay	Robin L. Utt & Alisha Carole	90.50
51	6	23	Wetzel	Clay	Charles Whitehill	14.50
52	6	20	Wetzel	Clay	Charles Whitehill	22.33
53	6	21.2	Wetzel	Clay	Alfred D. Hamilton	1.50
54	6	21.1	Wetzel	Clay	Pamela E. Pride	1.06
55	6	21.3	Wetzel	Clay	Pamela E. Pride	0.62
56	6	18.1	Wetzel	Clay	Paul C. Huston II	2.42
57	6	19	Wetzel	Clay	Thomas C. & Patrick L. Anderson	17.00
58	6	18	Wetzel	Clay	Carol S. Kuhn	4.96
59	6	16	Wetzel	Clay	Larry Wise	10.00

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
60	6	14	Wetzel	Clay	William L. & Patty A. Jolliff	33.74
61	6	10	Wetzel	Clay	George H. & Elizabeth L. Williams	132.75
62	16	84	Wetzel	Center	Anthony Sizemore	2.46
63	6	13	Wetzel	Clay	Susan J. Minor	18.50
64	6	7	Wetzel	Clay	Susan J. Minor	28.50
65	6	8	Wetzel	Clay	Carolyn Shipman	51.58
66	6	9	Wetzel	Clay	Donna L. Runner	97.80
67	12	7.1	Wetzel	Center	George H. & Elizabeth L. Williams	0.74
68	12	11	Wetzel	Center	Lonnie R. & Judith Anderson	79.83
69	12	6	Wetzel	Center	Kenneth C. & Rebecca A. Shreve	30.75
70	6	24	Wetzel	Clay	Kenneth L. Shreve, et al.	100.00
71	6	26.1	Wetzel	Clay	Brian & Anna Watson	5.04
72	6	26	Wetzel	Clay	Ernest & Nancy Watson	66.67
73	6	25	Wetzel	Clay	Michael L. & Allison G. Koontz	77.75
74	9	7	Wetzel	Church	Donald L. Williams	1.80
75	9	4	Wetzel	Clay	Wayne Whipkey	0.47
76	12	24.3	Wetzel	Clay	Matthew L. Kennedy	4.61

Lease No.	Owner	Acres
870226	Edna LeMasters, et al.	7.57
870184	Mildred Bright, et al.	54.2
870085	Charles Lee Roberts, et al.	95.87
870537	Thomas J. Croasmun, et al.	50
702804	Charles Delano & Rebecca Rhoades Whitehill, h/w; C. Rhoades Whitehill, remainder interest	140
870090	Lloyd & Nancy Postlethwait, et al.	140
1045311	Red Stone Resources LLC	135
870694	Ralph & Betty Six, et al.	195.25
870243	Mark A. Shreve, et al.	100
870092	Nancy Jolliffe, et al.	96



**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 17H  
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: December 1 20 20  
OPERATOR'S WELL NO.: Sizemore 17H  
API WELL NO  
47 - 103 - 03351  
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: 7,377'

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



**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6A, Section 5(a)(5)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attached				

**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: EQT Production Company  
 By: John Zavatchan  
 Its: Project Specialist - Permitting

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DEC 04 2020  
WV Department of  
Environmental Protection

Lease No.	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
<u>870171</u>	<u>Anthony W. Sizemore</u> James Sizemore and Donna Sizemore Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc.	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 84A-516 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
<u>870184</u>	<u>Mildred Bright, et al.</u> Mildred Bright Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc.	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 111A/407 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
<u>870085</u>	<u>Charles Lee Roberts, et al.</u> Charles Lee Roberts and Shirley E. Roberts, h/w Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc.	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 84A/452 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
<u>870226</u>	<u>Edna Lemasters, et al.</u> Edna L. Lemasters Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc.	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 103A/241 OG 106A/11 & 135A/344 OG 138A/54 OG 138A/1 OG 175A/707
<u>870537</u>	<u>Thomas J. Croasmun, et al.</u> Thomas J. Croasmun, a married man dealing in his sole and separate property	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 247A/624
<u>702804</u>	<u>Charles Delano &amp; Rebecca Rhoades Whitehill, h/w; C. Rhoades Whitehill, remainder interest</u> Elizabeth Anderson, widow of John Anderson, decd.; Elizabeth Roberts; John Roberts and Catherine Roberts, h/w The Fisher Oil Company Carnegie Natural Gas Company Carnegie Production Company	The Fisher Oil Company Carnegie Natural Gas Company Carnegie Production Company EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 44/565 Unrecorded OG 78A/513 WV SOS
<u>870090</u>	<u>Lloyd &amp; Nancy Postlethwait, et al.</u> Lloyd Postlethwait and Nancy Postlethwait Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc.	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 85A/667 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
<u>870694</u>	<u>Ralph &amp; Betty Six, et al.</u> Ralph Six and Betty Jo Six, JTROS Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc.	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 86A/616 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
<u>870243</u>	<u>Mark A. Shreve, et al</u> Kenneth L. Shreve and Sondra L. Shreve, h/w Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc.	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 80A/55 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707

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1045311

Red Stone Resources LLC

George W. Sole and Rhoda Sole, h/w  
South Penn Oil Company  
South Penn Oil Company  
South Penn Oil Company  
Hope Natural Gas Company  
Consolidated Gas Supply Corporation  
Consolidated Gas Transmission Corporation  
Consolidated Gas Transmission Corporation  
CNG Development Company  
CNG Transmission Corporation  
CNG Producing Company  
Dominion Exploration and Production, Inc. and Dominion  
Transmission, Inc.  
Dominion Exploration and Production, Inc.  
Consol Gas Company  
CNX Gas Company LLC  
Antero Resources Appalachian Corporation  
Antero Resources Corporation  
  
Statoil USA Onshore Properties Inc.  
Equinor USA Onshore Properties Inc.

"at least 1/8th per  
WV Code 22-6-8"

South Penn Oil Company  
Hope Natural Gas Company  
Hope Natural Gas Company  
Consolidated Gas Supply Corporation  
Consolidated Gas Transmission Corporation  
CNG Development Company  
CNG Transmission Corporation  
CNG Producing Company  
Dominion Transmission, Inc.  
Dominion Exploration and Production, Inc.

OG 39/548  
OG 9A/230  
DB 88/582  
DB 233/387  
OG 66A/69  
OG 67A/453  
Corp. Book 13/151  
WV SOS  
Corp. Book 13/158  
WV SOS  
  
OG 95A/937  
Corp. Book 13/108  
Misc. Book 96/307  
OG 126A/602  
Misc. Book 121/8  
OG 175A/531  
Corp. Book 13/418 & Misc. Book  
129/313  
OG 240A/518

Antero Resources Appalachian Corporation  
Consol Gas Company  
CNX Gas Company LLC  
Antero Resources Appalachian Corporation  
Antero Resources Corporation  
Statoil USA Onshore Properties Inc.  
  
Equinor USA Onshore Properties Inc.  
EQT Production Company

870092

Nancy Jolliffe, et al

Joe B. Jolliffe  
Drilling Appalachian Corporation  
Drilling Appalachian Corporation  
Grenadier Energy Partners, LLC  
Statoil USA Onshore Properties Inc.

"at least 1/8th per  
WV Code 22-6-8"

Drilling Appalachian Corporation  
Grenadier Energy Partners, LLC  
Statoil USA Onshore Properties Inc.  
Statoil USA Onshore Properties Inc.  
EQT Production Company

OG 86A/152  
OG 124A/9 & 136A/538  
OG 138A/54  
OG 138A/1  
OG 175A/707

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WV Department of  
Environmental Protection



EQT PRODUCTION COMPANY  
400 Woodcliff Drive | Canonsburg, PA 15317  
P: 724-746-9073 | [www.eqt.com](http://www.eqt.com)

103-03351 MOD

Checked Plat coord. 12/15

December 3, 2020

Via FedEx Overnight

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304

RE: Well Work Permit Modification Application  
Sizemore 17H Well  
Permit Number 47-103-03351-00-00  
Center District  
Wetzel County, WV

WVDEP Recipient,

Attached please find following information to modify the existing Well Work Permit for this well:

- Completed Form WW-6B and supporting documents, approved by the Oil and Gas Inspector
- Revised Well Bore Diagram
- Site Specific Safety and Environmental Plan approved by the Inspector
- Water Management Plan
- Well Location Plat
- Completed Form WW-6A1 and supporting documentation

EQT is proposing to extend the lateral from the previously permitted length, updating the Site-Specific Safety and Environmental Plan for this site, and revise the Water Management Plan to add additional sources.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our Permitting department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Best Regards,

John Zavatchan  
Project Specialist – Permitting  
[jzavatchan@eqt.com](mailto:jzavatchan@eqt.com)  
724-746-9073

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