



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Friday, February 5, 2021
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

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

Re: Permit Modification Approval for SIZEMORE 7H
47-103-03347-00-00

Extend Lateral. Original Permitted Length 9540' to 22435'. Updated Casing Plan and Leases.

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".

James A. Martin
Chief

Operator's Well Number: SIZEMORE 7H
Farm Name: ANTHONY W. & KIMBERLY A. SIZEMORE
U.S. WELL NUMBER: 47-103-03347-00-00
Horizontal 6A New Drill
Date Modification Issued: 02/05/2021

Promoting a healthy environment.

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: 7H 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

DMA 10/7/20

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 7339', 50', 2,620 psi

8) Proposed Total Vertical Depth: 7,339'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 22,453'

11) Proposed Horizontal Leg Length: 14,535'

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

(a) If Yes, provide Mine Info: Name: _____

Depth: _____

Seam: _____

Owner: _____

4710303347

WW-6B
(04/15)

API NO. 47- 103 - 03347
OPERATOR WELL NO. 7H
Well Pad Name: Sizemore

18)

CASING AND TUBING PROGRAM

TYPE	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
Conductor	26	New	A-500	85.6	40	40	101 ft ³ / CTS
Fresh Water	13 3/8	New	J-55	54.5	1157	1157	1123 ft ³ / CTS
Coal							
Intermediate	9 5/8	New	P-110	40	2470	2470	1022 ft ³ / CTS
Production	5 1/2	New	P-110	20	22453	22453	500' above intermediate casing
Tubing							
Liners							

DMDH 10/7/20

TYPE	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
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	1.13
Coal							
Intermediate	9 5/8	12 3/8	0.395	7900	6320	Class A	1.18
Production	5 1/2	8 1/2	0.361	14360	11488	Class A/H	1.04 - 2.098
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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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.

DMAH 10/7/20

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

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

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.

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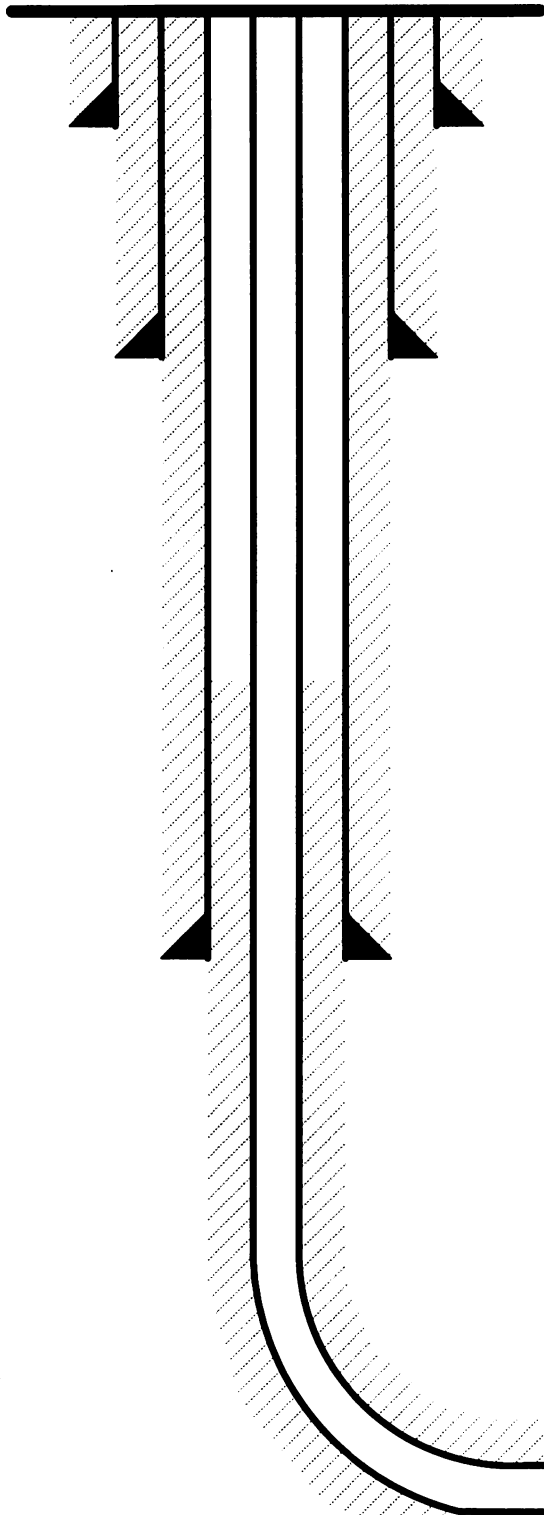
*Note: Attach additional sheets as needed.

EQT Production

Wellbore Diagram

Well: Sizemore 7H
Pad: Sizemore
Elevation: 1148' GL 1161' KB

County: Wetzel
State: West Virginia
4710303347



Conductor @ 40'
26", 85.6#, A-500, cement to surface w/ Class A

Surface @ 1,157'
13-3/8", 54.5#, J-55, cement to surface w/ Class A

Intermediate @ 2,470'
9-5/8", 40#, P-110, cement to surface w/ Class A

DMAH 10/7/20

Production @ 22,453' MD / 7,339' TVD
5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H

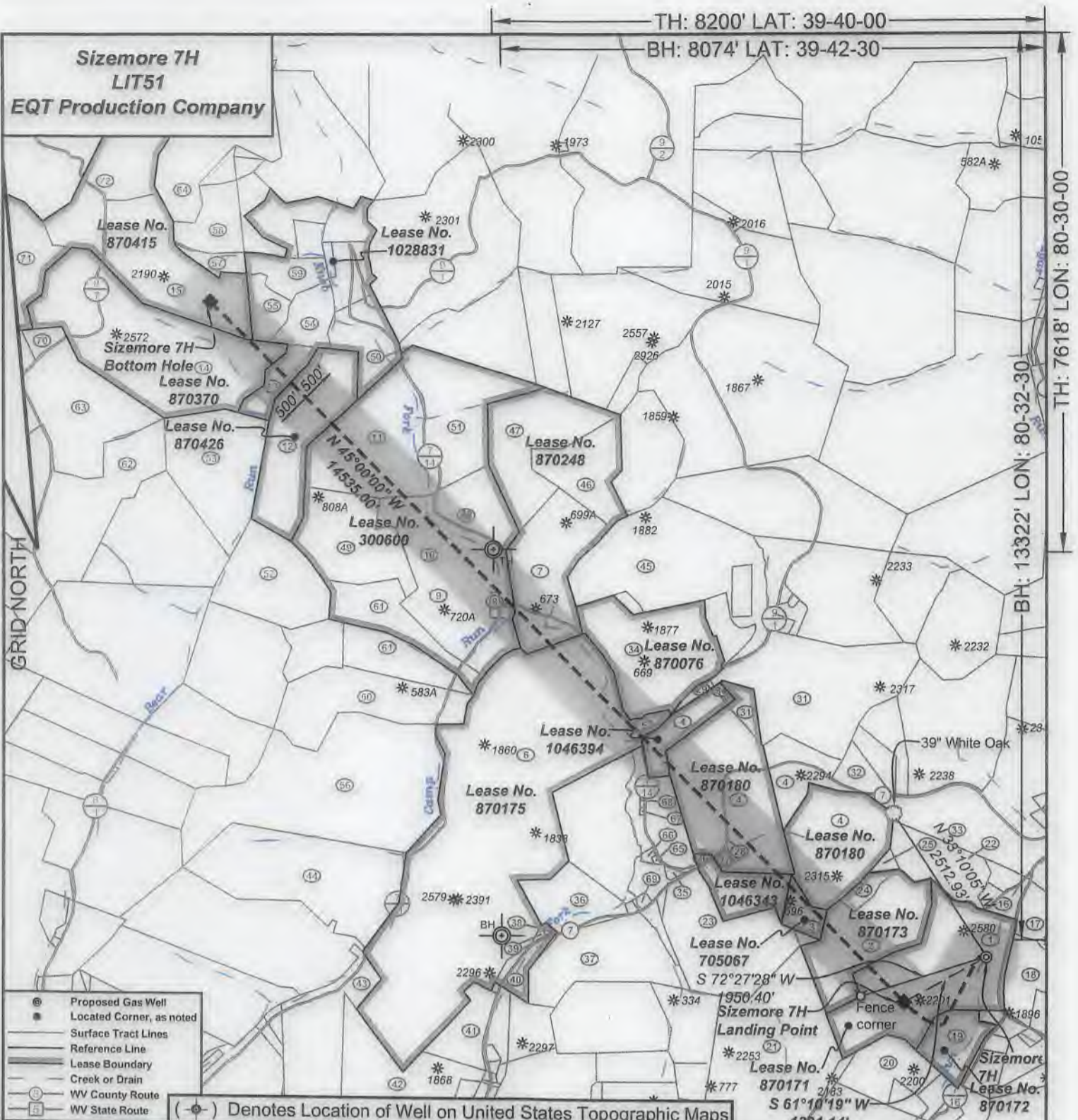
Formation: Marcellus

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WV Department of
Environmental Protection

NOT TO SCALE



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

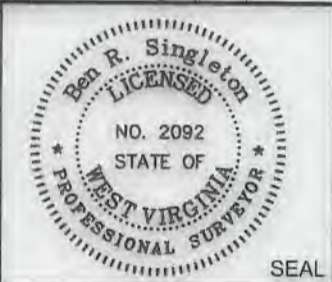
(⊙) Denotes Location of Well on United States Topographic Maps



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 7H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: January 08 20 21
 OPERATOR'S WELL NO.: Sizemore 7H
 API WELL NO
 47 - 103 - 03347
 STATE COUNTY PERMIT

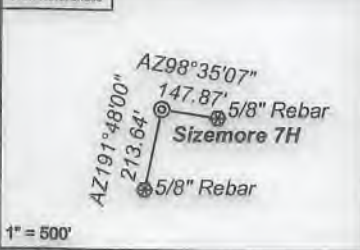
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1148' WATERSHED Tributary of Sugar Run QUADRANGLE: Littleton
 DISTRICT: Center COUNTY: Wetzel
 SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
 ROYALTY OWNER: Anthony W. Sizemore LEASE NO: 870171 ACREAGE: 75.36
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,339'

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

**Sizemore 7H
LIT51
EQT Production Company**

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	58.00
8	12	9.1	Wetzel	Center	Jefferson Little, et al.	2.03
9	12	9	Wetzel	Center	Nancy E. Jolliffe	44.77
10	12	8	Wetzel	Center	Nancy E. Jolliffe	26.25
11	11	11	Wetzel	Center	Nancy E. Jolliffe	50.75
12	11	10	Wetzel	Center	Howard M. Henderson	49.00
13	11	9	Wetzel	Center	Howard M. Henderson	10.10
14	8	43	Wetzel	Center	Howard M. Henderson	112.00
15	8	44	Wetzel	Center	William D. Henderson	85.00
16	10	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	Devonna 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	7	Wetzel	Center	Larry D. Roberts	4.40
25	12	30	Wetzel	Center	Bryan & Heather Rizer	1.60
26	12	10.1	Wetzel	Center	Nancy E. Jolliffe	0.71
27	12	10.2	Wetzel	Center	Marilyn E. Thomas	1.23
28	12	16.4	Wetzel	Center	Marilyn E. Thomas	1.15
29	12	1.3	Wetzel	Center	Nancy E. Jolliffe	1.80
30	12	20	Wetzel	Center	Jamie L. & Melissa G. Dent	1.00
31	12	21	Wetzel	Center	Jamie L. & Melissa G. Dent	78.30
32	12	19.6	Wetzel	Center	EQT Production Company	1.70
33	12	24	Wetzel	Center	Malibaw L. Kennedy	87.67
34	12	17	Wetzel	Center	Panzu O. Rice	67.50
35	12	29	Wetzel	Center	Nancy E. Jolliffe	2.27
36	16	2	Wetzel	Center	Trevor G. Hostutler, et al.	21.50
37	16	5	Wetzel	Center	Shaun D. & Tamra M. Kuhn	48.00
38	16	1.1	Wetzel	Center	Mt. Zion Baptist Church	0.50
39	16	82	Wetzel	Center	Mt. Zion Baptist Church	0.49
40	16	1	Wetzel	Center	Steven P. & Brenda L. Sams	9.25
41	16	13.1	Wetzel	Center	Edward A. Glaeser	15.59
42	15	27.1	Wetzel	Center	Harry & Marilyn Kennedy	61.31
43	15	26	Wetzel	Center	Thomas Moore, et al.	50.90
44	15	7.1	Wetzel	Center	Steven P. & James R. Barbe	81.75
45	12	11	Wetzel	Center	Lomie R. & Judith Anderson	79.83
46	12	5	Wetzel	Center	Florine Huggins	35.60
47	12	4	Wetzel	Center	Florine Huggins	35.00
48	12	3	Wetzel	Center	Nancy E. Jolliffe	20.90
49	11	20	Wetzel	Center	Nancy E. Jolliffe	43.00
50	8	54	Wetzel	Center	Howard M. Henderson	19.00
51	12	2	Wetzel	Center	Nancy E. Jolliffe	44.50
52	11	25	Wetzel	Center	James B. & Margie L. Montgomery	40.00
53	11	8	Wetzel	Center	James B. & Margie L. Montgomery	52.00
54	8	47	Wetzel	Center	Howard M. Henderson	14.75
55	8	55	Wetzel	Center	Ashley Murphy, et al.	9.43
56	11	42	Wetzel	Center	Nicole J. & Ted J. Yowonske	128.40
57	8	45	Wetzel	Center	Howard M. Henderson	5.50
58	8	31.1	Wetzel	Center	Howard M. Henderson	18.43
59	8	46	Wetzel	Center	Howard M. Henderson	13.20
60	11	41	Wetzel	Center	Nancy E. Jolliffe	47.07
61	11	27	Wetzel	Center	Nancy E. Jolliffe	47.50
62	11	6.1	Wetzel	Center	Larry L. & Lois J. Deem	94.50
63	11	8	Wetzel	Center	Ray S. & Timmy R. Sapp	90.50
64	8	31	Wetzel	Center	Howard M. Henderson	84.76

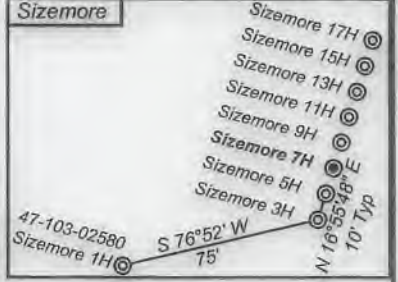
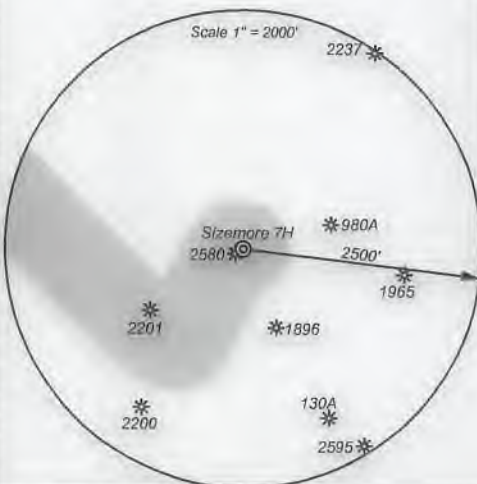
Well References



Notes:
 Sizemore 7H coordinates are
 NAD 27 N: 418,968.90 E: 1,710,210.16
 NAD 27 Lat: 39.645755 Long: -80.529120
 NAD 83 UTM N: 4,388,555.87 E: 540,417.72
 Sizemore 7H Landing Point coordinates are
 NAD 27 N: 418,298.11 E: 1,708,991.42
 NAD 27 Lat: 39.643875 Long: -80.533421
 NAD 83 UTM N: 4,388,345.29 E: 540,049.81
 Sizemore 7H Bottom Hole coordinates are
 NAD 27 N: 428,575.91 E: 1,698,713.62
 NAD 27 Lat: 39.671760 Long: -80.570350
 NAD 83 UTM N: 4,391,424.17 E: 536,866.34
 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	28	Wetzel	Center	Roger R. & Diana F. Postlethwait	0.30
66	12	27	Wetzel	Center	Roger R. & Diana F. Postlethwait	0.50
67	12	19.5	Wetzel	Center	Janis & Terry Fisher	0.15
68	12	16.3	Wetzel	Center	Janis Fisher	0.35
69	16	4	Wetzel	Center	Nancy E. Jolliffe	1.20
70	11	6.2	Wetzel	Center	Roger L. & Sandra K. Wade	4.00
71	8	42	Wetzel	Center	Jeffrey P. & Howard M. Henderson	67.00
72	8	29	Wetzel	Center	Howard M. & William D. Henderson	57.00

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

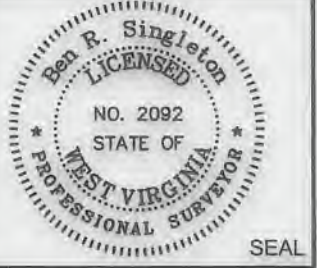


Proposed Gas Well
 Located Corner, as noted
 Surface Tract Lines
 Reference Line
 Lease Boundary
 Creek or Drain
 WV County Route
 WV State Route



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

Ben R. Singleton
 P.S. 2092



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



DATE: January 08 20 21
 OPERATOR'S WELL NO.: Sizemore 7H
 API WELL NO
 47 - 103 - 03347
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1148' WATERSHED Tributary of Sugar Run QUADRANGLE: Littleton
 DISTRICT: Center COUNTY: Wetzel
 SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
 ROYALTY OWNER: Anthony W. Sizemore LEASE NO: 870171 ACREAGE: 75.36
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,339'
 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280
 Canonsburg, PA 15317 Bridgeport, WV 26330

**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

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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

DocuSigned by:
John Zavatchan Jr
0D4C96A60D4649E

<u>Lease No.</u>	<u>Grantor, Lessor, etc.</u>	<u>Grantee, Lessee, etc.</u>	<u>Royalty</u>	<u>Book/Page</u>
<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>870172</u>	<u>Anthony & Kimberly Sizemore</u> Anthony W. Sizemore and Kimberly A. 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/645 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
<u>870173</u>	<u>Larry & Sharon Roberts</u> Larry Roberts and Sharon K. 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 90A/190 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
<u>705067</u>	<u>Nancy E. Jolliffe, et al.</u> W. H. Lemley Carnegie Natural Gas Company Carnegie Production Company	Carnegie Natural Gas Co. Carnegie Production Company EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 2A/154 OG 78A/513 WV SOS

WV Department of
Environmental Protection

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4710303347

1046343

Nancy E. Jolliffe, et al.

Nancy E. Jolliffe, mar., dealing with her sole/sep. property

EQT Production Company

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

OG 250A/881

870180

Nancy E. Jolliffe, et al.

Joe B. Jolliffe
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 89A/439
OG 124A/9 & 136A/538
OG 138A/54
OG 138A/1
OG 175A/707

1046394

Nancy E. Jolliffe

Nancy E. Jolliffe, mar., dealing with her sole/sep. property

EQT Production Company

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

OG 251A/105

870175

Acropolis, Inc., et al

Acropolis, Inc.
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 102A/751
OG 124A/9 & 136A/538
OG 138A/54
OG 138A/1
OG 175A/707

870076

Panzy Rice Price, et al

Panzy (Rice) Price
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/254
OG 124A/9 & 136A/538
OG 138A/54
OG 138A/1
OG 175A/707

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Environmental Protection

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870248

Maureen Ann Manley

Maureen Ann Manley, a widow

EQT Production Company

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

OG 253A/210

300600

ET Blue Grass, et al

Peter Glover and Elizabeth Glover, h/w

South Penn Oil Company

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

OG 39/524

South Penn Oil Company

Hope Natural Gas Company

Unrecorded agreement dated
4/20/1899

Hope Natural Gas Company

Consolidated Gas Supply Corporation

DB 233/387

Consolidated Gas Supply Corporation

Consolidated Gas Transmission Corporation

OG 66A/69

Consolidated Gas Transmission Corporation

CNG Transmission Corporation

Corp. Book 13/151

CNG Transmission Corporation

Eastern States Oil & Gas, Inc.

OG 76A/232

Eastern States Oil & Gas, Inc.

Blazer Energy Corp.

Corp. Book 12/253

Blazer Energy Corp.

Eastern States Oil & Gas, Inc.

Corp. Book 12/259

Eastern States Oil & Gas, Inc.

Eastern States, Inc.

WV SOS

Eastern States, Inc.

Equitable Production-Eastern States, Inc.

WV SOS

Equitable Production-Eastern States, Inc.

Equitable Production Company

WV SOS

Equitable Production Company

EQT Production Company

Corp. Book 13/14

870426

Howard Henderson, et al

Maxine Henderson

Drilling Appalachian Corporation

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

OG 101A/954

Drilling Appalachian Corporation

Grenadier Energy Partners, LLC

OG 103A/88 & 135A/350

Drilling Appalachian Corporation

Statoil USA Onshore Properties Inc.

OG 138A/54

Grenadier Energy Partners, LLC

Statoil USA Onshore Properties Inc.

OG 138A/1

Statoil USA Onshore Properties Inc.

EQT Production Company

OG 175A/707

1028831

Janet McMasters, et al.

Janet McMasters, single

EQT Production Company

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

OG 201A/593

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Green Dot Farm, Inc. , et al

Green Dot Farm, Inc.
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/376
OG 124A/9 & 136A/538
OG 138A/54
OG 138A/1
OG 175A/707

870415

Howard Henderson, et al.

Maxine Henderson
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/306
OG 124A/9 & 136A/538
OG 138A/54
OG 138A/1
OG 175A/707

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Permit Modification

Received date: 1/14/21

Well Name: 7H

Operator: EQT

API: 47-103-03347

Pad Name: Sizemore

	MODIFIED PERMIT	ORIGINAL PERMIT
TVD	7339	7335
TMD	22435	9540
HL	14835	1639
FW	Same	176, 682, 717
SW	Same	1859
COAL	Same	527-531, 761, 891
CONDUCTOR	40	40
FRESHWATER	* 1157 <i>already drilled</i>	1041
INTERMEDIATE 1	2470	2463
INTERMEDIATE 2	—	—
PRODUCTION	22453	9540

Notes: FW casing changed, new notices required

✓ 870172	✓ 870175
✓ 870171	✓ 870248
✓ 870173	✓ 300600
✓ 705067	✓ 870426
✓ 1046343	✓ 7078834
✓ 870180	✓ 870310
✓ 1046394	✓ 870415



4710303347

EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317
P: 724-746-9073 | www.eqt.com

January 13, 2021

Via FedEx Overnight

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

RE: Well Work Permit Modification Application
Sizemore 7H Well
Permit Number 47-103-03347-00-00
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
- Well Location Plat
- Completed Form WW-6A1 and supporting documentation

EQT is proposing to extend the lateral from the previously permitted length.

This well was included on the modification to the Site-Specific Safety and Environmental Plan and Water Management Plan which were submitted to WVDEP for the 5H and 17H wells on this pad (submitted December 3rd, 2020). This information has been approved by WVDEP for all wells on the pad. Please let me know if copies of the Water Management Plan application or Site-Specific Safety and Environmental Plan are required.

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
724-746-9073

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WV Department of
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