



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Tuesday, June 16, 2020
WELL WORK PERMIT
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for SIZEMORE 15H
47-103-03344-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: SIZEMORE 15H
Farm Name: ANTHONY W. & KIMBERLY⁺
U.S. WELL NUMBER: 47-103-03344-00-00
Horizontal 6A New Drill
Date Issued: 6/16/2020

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API Number: _____

PERMIT CONDITIONS

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

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: 15H 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 X Oil _____ Underground Storage _____

Other _____

(b) If Gas Shallow X Deep _____

Horizontal X

6) Existing Pad: Yes or No Yes

*DMH
2-4-20*

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 7,335', 50', 2,620 psi

8) Proposed Total Vertical Depth: 7,335'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17,446'

11) Proposed Horizontal Leg Length: 8,986'

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

13) Method to Determine Fresh Water Depths: Offset Wells

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 X

RECEIVED
Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection

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

Depth: _____

Seam: _____

Owner: _____

WW-6B
(04/15)

API NO. 47- _____
 OPERATOR WELL NO. 15H _____
 Well Pad Name: Sizemore _____

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A-500	85.6	40	40	60 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1041	1041	911 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	A-500	40	2463	2463	958 ft^3 / CTS
Production	5 1/2	New	P-110	20	17446	17446	500' above intermediate casing
Tubing							
Liners							

*DMH
2-4-20*

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
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	0.395	3950	3160	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

Kind:				RECEIVED Office of Oil and Gas MAY - 8 2020 WV Department of Environmental Protection
Sizes:				
Depths Set:				

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

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

Don H
2-4-20

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

RECEIVED
Office of Oil and Gas
MAY - 8 2020

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.

WV Department of
Environmental Protection

*Note: Attach additional sheets as needed.



west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.gov

March 18, 2014

Nabors Completion & Production Services Company
1380 Route 286 Hwy E #121
Indiana PA 15701

Re: Cement Variance Request

Dear Sir or Madam,

This agency is approving a variance request for the cement blend listed below to be used on surface and coal protection strings for the drilling of oil and gas wells in the state of West Virginia. The variance cannot be used without requesting its use on a permit application and approval by this agency:

- Type 1 (2% Calcium Chloride-Accelerator, 0.25% Super Flake-Lost Circulation, 5.2% Water, 94% Type "1" Cement)

If you have any questions regarding this matter feel free to contact me at 304-926-0499, ext. 1653.

Sincerely,

James Peterson
Environmental Resources Specialist / Permitting

Promoting a healthy environment.

RECEIVED
Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection



west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.gov

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

IN THE MATTER OF A VARIANCE FROM) ORDER NO. 2014 - 17
REGULATION 35 CSR § 4-11.4/11.5/14.1)
AND 35 CSR § 8-9.2.h. 4/5/6/8 OF THE)
THE OPERATIONAL)
REGULATIONS OF CEMENTING OIL)
AND GAS WELLS)

REPORT OF THE OFFICE

Nabors Completion & Production Services Co. requests approval of a different cement blend for use in cementing surface and coal protection casing of oil and gas wells.

FINDINGS OF FACT

- 1.) Nabors Completion & Production Services Co. proposes the following cement blend:
 - 2% Calcium Chloride (Accelerator)
 - 0.25 % Super Flake (Lost Circulation)
 - 94% Type "1" Cement
 - 5.20 % Water
- 2.) Laboratory testing results indicate that the blend listed in Fact No.1 will achieve a 500 psi compressive strength within 6 hours and a 2,435 psi compressive strength within 24 hours.

Promoting a healthy environment.

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

CONCLUSIONS OF LAW

Pursuant to Articles 6 and 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to 35 CSR § 4-11.5 and 35 CSR § 8-9.2.h.8 the Chief of the Office of Oil and Gas may approve different cement blends upon the well operator providing satisfactory proof that different cement types are adequate.

ORDER

It is ordered that Nabors Completion & Production Services Co. may use the cement blend listed in Findings of Fact No.1 for the cementing of surface and coal protection casing of oil and gas wells in the State as may be requested by oil and gas operators. The waiting time on the cement blend shall be 8 hours. The cement blend shall be mixed in strict accordance with the specifications for each blend and weight measurements made on-site to assure the cement slurries meet the minimum weight specifications. A sample shall be collected and, if after 8 hours the cement is not set up, additional time will be required. Nabors Completion & Production Services Co. shall keep a record of cement blend jobs in which the cement blend approved under this order is to be used and made available to the Office of Oil and Gas upon request.

Dated this, the 18th day of March, 2014.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OF THE STATE OF WEST VIRGINIA



James Martin, Chief
Office of Oil and Gas

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

WEST VIRGINIA GEOLOGICAL PROGNOSIS

Horizontal Well

PUD ID

v 2017.4
Enerzia # 123456

Drilling Objectives: Marcellus
County: Wetzel
Quad: Littleton
Elevation: 1161 KB 1148 GL
Surface location Northing: 0.00 Easting: 0.00
Landing Point Northing: 0.00 Easting: 0.00
Toe location Northing: 0.00 Easting: 0.00
Recommended Azimuth 0 Degrees

TVD: 7335
Recommended LP to TD: 0,000'

ESTIMATED FORMATION TOPS

Derived from Pilot Hole 4710302580

Formation	Top (TVD)	Base (TVD)	Lithology	Comments
Fresh Water Zone	1	717		FW @ 176,682,717...
Waynesburg	527	531	Coal	
Sewickley	754.5	761	Coal	
Pittsburgh	888	891	Coal	SW @ 1859...
Big Injun		2363	Sandstone	
Int. csg pt	2463			
Berea	2507	2761	Sandstone	Not in storage
Top Devonian	2847			
Gantz	2847	3033	Silty Sand	
Fifty foot	3033	3101	Silty Sand	
Thirty foot	3101	3133	Silty Sand	
Bayard	3185	3631	Silty Sand	Base of Offset Well Perforations at 3026' TVD
Speechley	3694	3772	Silty Sand	
Balltown A	3772	4089	Silty Sand	
Alexander	5657	6100	Silty Sand	
Elk	6100	6880	Silty Sand	
Elks	6880	6880	Gray Shales and Silts	
Sonyea	6880	7031	Gray shale	
Middlesex	7031	7075	Shale	
Genesee	7075	7154	Gray shale interbedded	
Genesee	7154	7184	Black Shale	
Tully	7184	7206	Limestone	
Hamilton	7206	7312	Gray shale with some	
Marcellus	7312	7362	Black Shale	
Purcell	7331	7333	Limestone	
-Lateral Zone	7335			Start Lateral at 7335'
Cherry Valley	7345	7347	Limestone	
Onondaga	7362		Limestone	
Pilot Hole TD	7462			

Top RR Base RR
No red rock listed in offset complet.

Target Thickness	50 feet
Max Anticipated Rock Pressure	2620 PSI

Comments:
 Note that this is a TVD prog for a horizontal well (azimuth of 0 degrees; target formation = Marcellus). All measurements taken from estimated KB elevation. Water and coal information estimated from surrounding well data.
 Intermediate casing point is recommended beneath the Big Injun to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.
 The estimated landing point TVD is 7335', rig geologist may adjust landing point. After the well is landed, drill to reported bed dips/ geologists' recommendation. The geologic structure is unknown at this time.

LATERAL DRILLING TOLERANCES

Mapview - Lateral: Deviate as little as possible to the left or right of the planned wellbore.
Mapview - TD: DO NOT EXTEND beyond recommended wellbore to avoid lease line.

RECOMMENDED CASING POINTS

Fresh Water/Coal	CSG OD	13 3/8	CSG DEPTH	1041	Below Pittsburgh
Intermediate 1:	CSG OD	9 5/8	CSG DEPTH	2463	Beneath Big Injun Base
Production:	CSG OD	5 1/2	CSG DEPTH	@ TD	

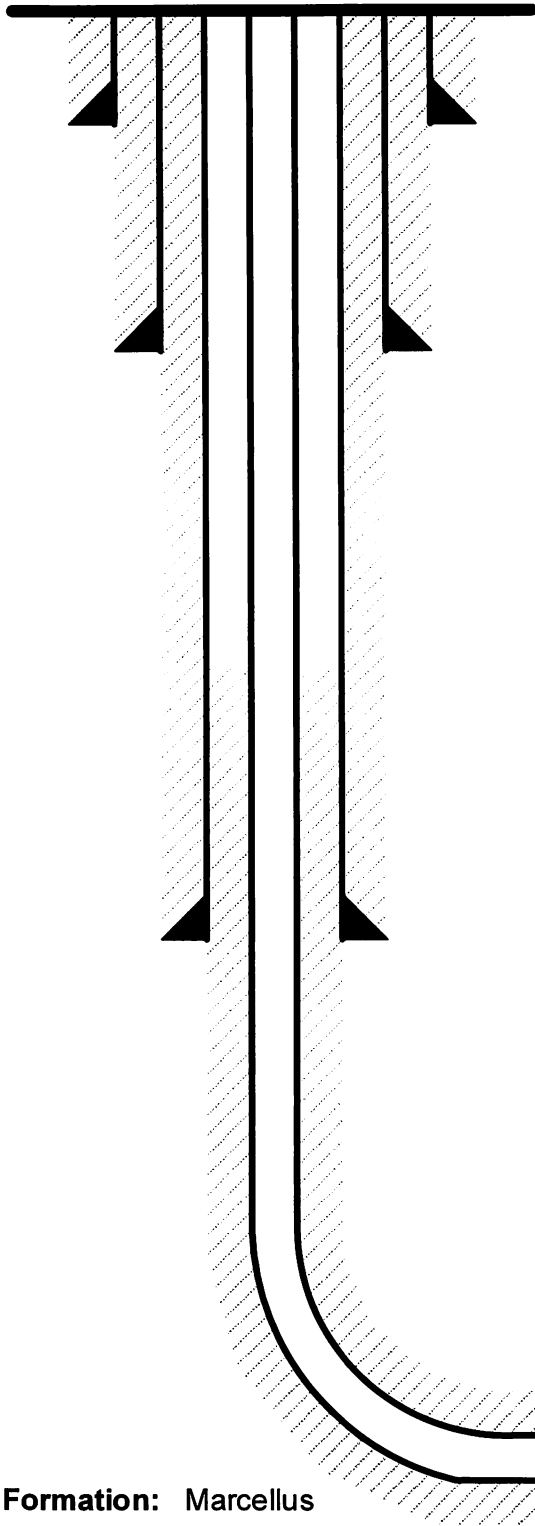
RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

EQT Production

Wellbore Diagram 471030334

Well: Sizemore 15H
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 @ 1,041'

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

*DMH
2-4-20*

Intermediate @ 2,463'

9-5/8", 40#, A-500, cement to surface w/ Class A/Type I

Production @ 17,446' MD / 7,335' TVD

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

Formation: Marcellus

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

NOT TO SCALE



4710303344

May 7, 2020

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Casing on Sizemore 15H

Dear Mr. Brewer,

The 13-3/8" surface casing will be set at 1,041' KB, 150' below the deepest workable coal seam and 324' below the deepest fresh water. The 9-5/8" intermediate string will be set at 2,463' KB, 100' below the base of the Big Injun formation.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Zavatchan'.

John Zavatchan
Landman - Permitting

Enc.

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

WW-9
(4/16)

API Number 47 - _____ - _____
Operator's Well No. Sizemore 15H

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company OP Code 306686

Watershed (HUC 10) Tributary of Sugar Run Quadrangle Littleton

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: N/A

Will a synthetic liner be used in the pit? Yes No If so, what ml.? N/A

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number 0014, 8462, 4037)
- Reuse (at API Number Various)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

DMH
2-4-20

Will closed loop system be used? If so, describe: Yes, The closed loop system will remove drill cuttings from the drilling fluid. The drill cuttings are then prepared for transportation to an off-site disposal facility.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. See Attached

-If oil based, what type? Synthetic, petroleum, etc. Synthetic Mud

Additives to be used in drilling medium? See Attached

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Landfill

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? See Attached List

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

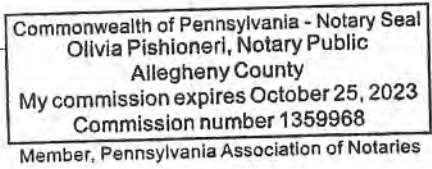
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *[Signature]*
Company Official (Typed Name) John Zavatchan
Company Official Title Project Specialist - Permitting

Subscribed and sworn before me this 3rd day of February, 2020

[Signature] Notary Public

My commission expires October 25, 2023



WW-9 Attachment

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.

- Air is used to drill the top-hole sections of the wellbore (surface, intermediate, and pilot). Water based mud may be necessary depending on hole conditions to stabilize and drill the intermediate section. The pilot hole, curve, and lateral sections will be drilled with either air, water based mud, or oil based mud.

Additives to be used in drilling medium?

- Air - biodegradable oil lubricant, detergent, defoaming, water. Water based mud – Barite, viscosifer, alkalinity control, lime, filtration control, deflocculates, biodegradable oil lubricant, defoaming, walnut shell, salt, x-cide, carbonates. Oil based mud – synthetic base oil, emulsifier, salt, lime, viscosifer, alkalinity control, filtration control, deflocculates, biodegradable oil lubricant, defoaming, carbonates.

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

EQT Production Company

Proposed Revegetation Treatment: Acres Disturbed No additional disturbance Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type Granular 10-20-20

Fertilizer amount 1/3 lbs/acre

Mulch 2 Tons/acre

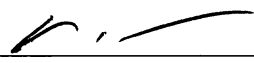
Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

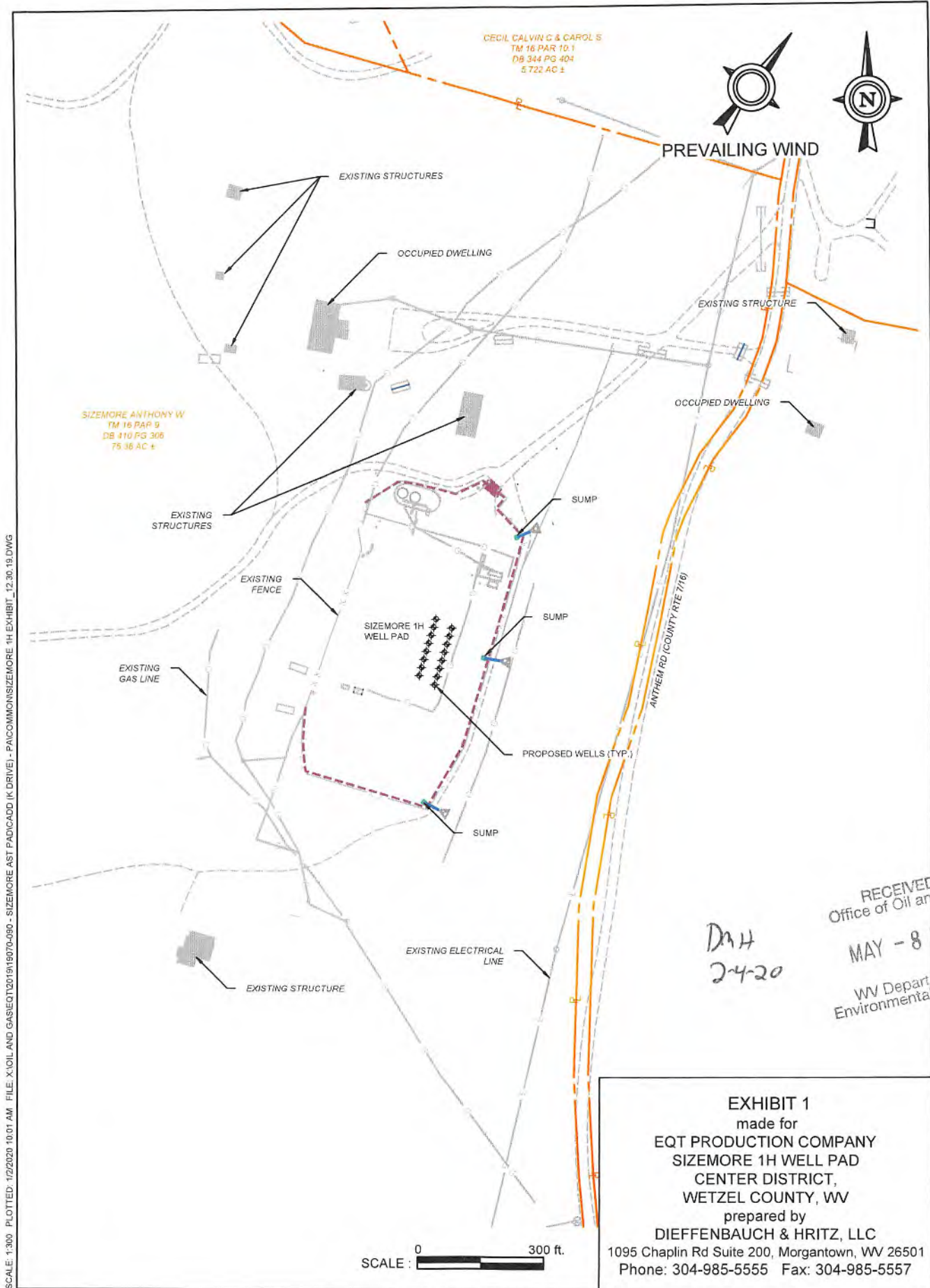
Comments: _____

Title: Oil + Gas Inspects

Date: 2-4-20

Field Reviewed? Yes No

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection



SCALE: 1:300 PLOTTED: 1/22/2020 10:01 AM FILE: X:\OIL AND GAS\EQT\2019\15070-090 - SIZEMORE AST PAD\CADD (K DRIVE) - PA\COMMON\SIZEMORE 1H EXHIBIT_12.30.19.DWG

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of Environmental Protection

DH
2-4-20

EXHIBIT 1
made for
EQT PRODUCTION COMPANY
SIZEMORE 1H WELL PAD
CENTER DISTRICT,
WETZEL COUNTY, WV
prepared by
DIEFFENBAUCH & HRITZ, LLC
1095 Chaplin Rd Suite 200, Morgantown, WV 26501
Phone: 304-985-5555 Fax: 304-985-5557

EQT Production Water Plan										
Offsite Disposals for Unconventional Wells										
Facility Name	Address	Address 2	City	State	Zip	Phone	County	State	Permit Number	
CWS Trucking Inc.	P.O. Box 391		Williamstown	WV	26187	740-516-3586	Noble	OH	3390	
Broad Street Energy LLC	37 West Broad Street	Suite 1100	Columbus	OH	43215	740-516-5381	Washington	OH	8462	
LAD Liquid Assets Disposal Inc.	226 Rankin Road		Washington	PA	15301	724-350-2760	Ohio	WV	USEPA WV 0014	
Triad Energy	PO Box 430		Reno	OH	45773	740-516-6021	Noble	OH	4037	
						740-374-2940				
Tri County Waste Water Management, Inc.	1487 Toms Run Road		Holbrook	PA	15341	724-627-7178	Greene	PA	TC-1009	
						724-499-5647				
King Excavating Co. Advance Waste Services	101 River Park Drive		New Castle	PA	16101		Lawrence	PA	PAR00029132	
Waste Management - Meadowfill Landfill	Rt. 2, Box 68 Dawson Drive		Bridgeport	WV	16330	304-326-6027	Harrison	WV	SWF-1032-98	Approval #100785WV
Waste Management - Northwestern Landfill	512 E. Dry Road		Parkersburg	WV	26104	304-428-0602	Wood	WV	SWF-1025 WV-0109400	
APEX Landfill	11 County Road 78	PO Box 57	Amsterdam	OH	43903	740-543-4389	Jefferson	OH	06-08438	
Advanced Disposal - Chestnut Valley Landfill	1184 McClellandtown Road		McClellandtown	PA	15458	724-437-7336	Fayette	PA	100419	
Westmoreland Sanitary Landfill	901 Tyrol Boulevard		Belle Vernon	PA	15012	724-929-7694	Westmoreland	PA	100277	
Austin Master Services	801 North 1st Street		Martins Ferry	OH	43935	740-609-3800	Belmont	OH	2014-541	
Belmont Solids Control	77505 Cadiz-New Athers Road		Cadiz	OH	43907	740-942-1739	Harrison	OH	2015-511	
Diversified Resources	3111 Braun Rd.		Belpre	OH	45714	740-401-0413	Washington	OH		
Buckeye Brine	23986 Airport Road		Coshocton	OH	43812	740-610-1512	Coshocton	OH	34-031-27177	
Central Environmental Services	28333 West Belpre Pike		Coolville	OH	45723	724-591-4393	Athens	OH	34-031-27178	
Nuverra - Nichols	10555 Veto Road		Belpre	OH	45714	330-232-5041	Washington	OH	34-031-27241	
Nuverra - Goff	9350 East Pike Road		Norwich	OH	43767	330-232-5041	Muskingum	OH	34-119-2-8776	
Nuverra - Wolf	5480 State Route 5		Newton Falls	OH	44444	330-232-5041	Trumbull	OH	34-167-2-3862	
Nuverra - Pander	5310 State Route 5		Newton Falls	OH	44444	330-232-5041	Trumbull	OH	34-155-2-1893	
Nuverra - AnnaRock D-1	3549 Warner Road		Fowler	OH	44418	330-232-5041	Trumbull	OH	34-155-2-3795	

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

4710303344

FQ Helen	199 Bowersock Road	Reno	OH	45773	740-374-2940 412-443-4397 740-236-2135	Washington	OH	34-167-2-9577
FQ Dexter	38505 Marietta Rd.	Dexter City	OH	45727	740-374-2940 412-443-4397 740-236-2135	Noble	OH	34-121-24037 34-121-24086
FQ Ritchie	122 Lonesome Pine Rd	Ellenboro	WV	26346	740-374-2940 412-443-4397 740-236-2135	Ritchie	WV	47-085-09721
FQ Mills	53610 TS Rd 706	Portland	OH	45770	740-374-2940 412-443-4397 740-236-2135	Meigs	OH	34-105-2-3619 34-105-2-3652 34-105-2-3637 34-105-2-3651
Petta Enterprises - OH	745 North 3rd Street	Cambridge	OH	43725	614-477-1368	Guernsey	OH	Ohio Chiefs Order 25-019
Petta Enterprises - WV	38 Technology Dr.	Tridelfphia	WV	26059	740-255-5727	Ohio	WV	
Deep Rock Disposal	2341 OH-821	Marietta	OH	45750	304-629-0176	Washington	OH	34-167-2-9766

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection



Where energy meets innovation.™

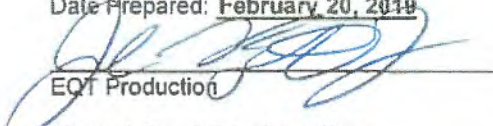
Site Specific Safety and Environmental Plan

EQT
LIT51 Pad
Center
Wetzel County, WV

For Wells:

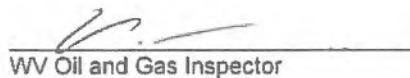
<u>Sizemore 1H</u>	<u>3H</u>	<u>5H</u>	<u>7H</u>	<u>9H</u>	<u>11H</u>	<u>13H</u>
<u>15H</u>	<u>17H</u>					

Date Prepared: February 20, 2019


EQT Production

Project Specialist - Permitting
Title

2/3/20
Date


WV Oil and Gas Inspector

Oil and Gas Inspector
Title

2-4-20
Date

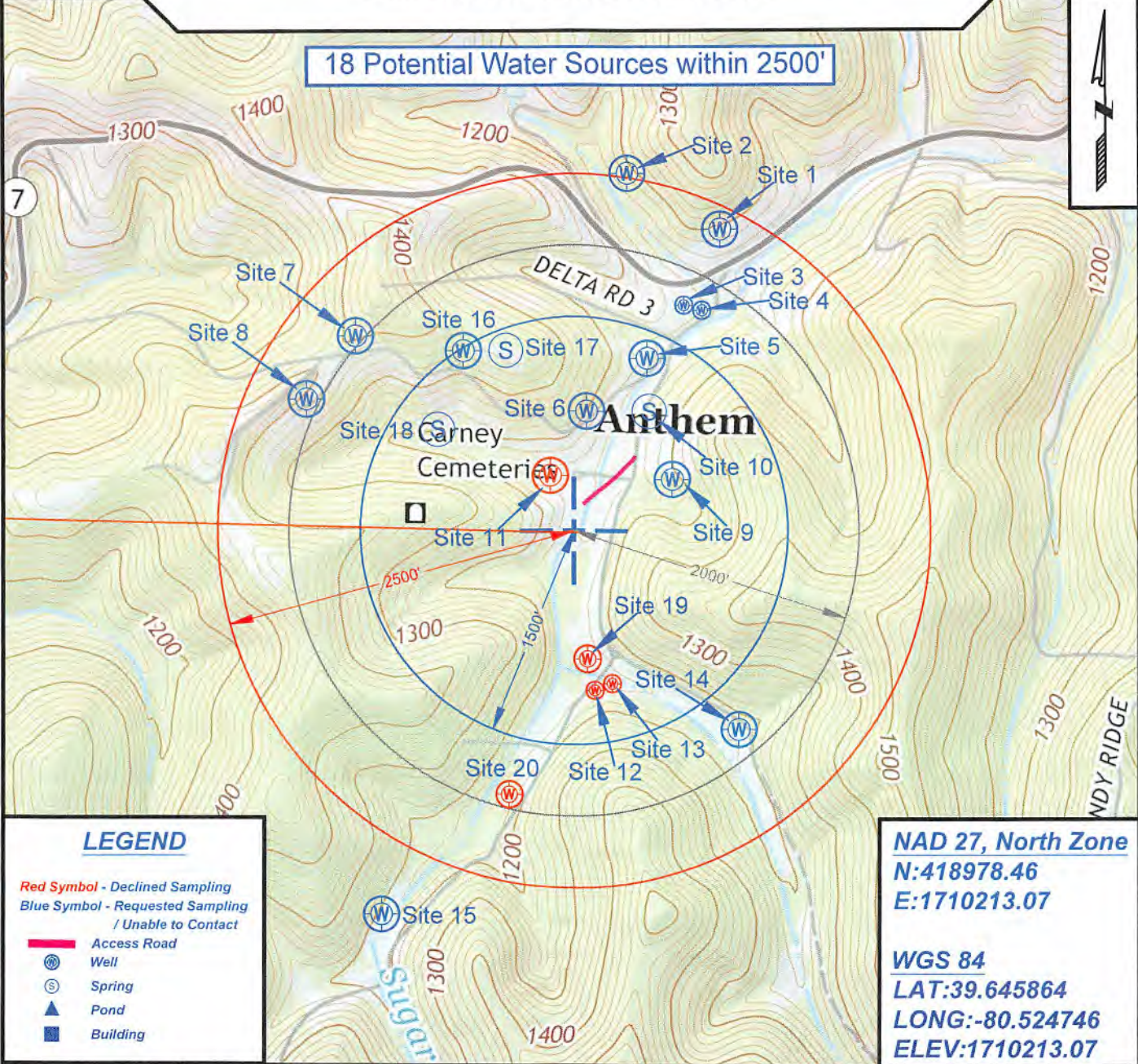
RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

Topo Quad: Littleton Scale: 1" = 1000'
 County: Wetzel Date: December 13, 2019
 District: Center Project No: 208-34-C-19

Water

LIT 51 SIZEMORE PAD

18 Potential Water Sources within 2500'



LEGEND

- Red Symbol - Declined Sampling
- Blue Symbol - Requested Sampling / Unable to Contact
- Access Road
- ⊙ Well
- ⊙ Spring
- ▲ Pond
- Building

NAD 27, North Zone
 N:418978.46
 E:1710213.07

WGS 84
 LAT:39.645864
 LONG:-80.524746
 ELEV:1710213.07



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 2400 Ansys Drive, Suite 200
 Canonsburg, PA 15317

RECEIVED
 Office of Oil and Gas
 MAY 8 2020



Table 1 – Water Source Identification

EQT Well Pad Name: LIT 51 Sizemore

Submittal Date: December 16, 2019

EQT Well Number: _____

Survey / Engineering Company: Allegheny Surveys, Inc.

Site Number: 1 Distance from Gas Well (feet): 2,345 ±

Surface Owner / Occupant: Scott & Abigail Tennant

Address: 25511 MOUNTAINEER HWY, LITTLETON, WV 26581 Phone #: 304-775-5159

Field Located Date: _____ Owner home during survey (yes/no): No

Coordinates: 39.651680, -80.525333 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: No

<input type="checkbox"/>	Landowner Requested Sampling
<input type="checkbox"/>	Landowner Decline Sampling
<input checked="" type="checkbox"/>	Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Field visit 11/8/2019. Could see well casing directly behind house. Didn't go up to the house because of AGGRESSIVE DOG. Neighbor said Mrs. Tennant wasn't home, but gave me her phone number. Located with aerial image.

Site Number: 2 Distance from Gas Well (feet): 2,530 ±

Surface Owner / Occupant: Matthew & Dia Kennedy

Address: 25513 MOUNTAINEER HWY, LITTLETON, WV 26581 Phone #: 304-775-1703

Field Located Date: 11/8/2019 Owner home during survey (yes/no): Yes

Coordinates: 39.652745, -80.527689 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

<input checked="" type="checkbox"/>	Landowner Requested Sampling
<input type="checkbox"/>	Landowner Decline Sampling
<input type="checkbox"/>	Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Field visit 11/8/2019. Talked to Mrs. Kennedy. Water well located on NW side of house. Has two other wells located at old farm house on Mt. Herman Rd. Also has ponds, but they aren't used for consumption.

RECEIVED
Office of Oil and Gas
MAY - 8 2020

Site Number: 3 Distance from Gas Well (feet): 1,761.74 ±

Surface Owner / Occupant: Matthew & Dia Kennedy

Address: 25513 MOUNTAINEER HWY, LITTLETON, WV 26581 Phone #: 304-775-1703

Field Located Date: 11/8/2019 Owner home during survey (yes/no): Yes

Coordinates: 39.650177, -80.526085 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

<input checked="" type="checkbox"/>	Landowner Requested Sampling
<input type="checkbox"/>	Landowner Decline Sampling
<input type="checkbox"/>	Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Water well located between old farm house and shed.

(Insert additional pages as needed)

WV Department of Environmental Protection

Site Number: 4 Distance from Gas Well (feet): 1,772.32 ±

Surface Owner / Occupant: Matthew & Dia Kennedy

Address: 25513 MOUNTAINEER HWY, LITTLETON, WV 26581 Phone #: 304-775-1703

Field Located Date: 11/8/2019 Owner home during survey (yes/no): Yes

Coordinates: 39.650132, -80.525894 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

Comments: Water well located by porch of old farm house.

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Site Number: 5 Distance from Gas Well (feet): 1,313.9 ±

Surface Owner / Occupant: Calvin & Carol Cecil, & Edna Lemasters (mother)

Address: 6111 HORNET HWY, HUNDRED, WV 26575 Phone #: 304-775-2106 / 304-775-7204

Field Located Date: 11/8/2019 Owner home during survey (yes/no): Yes

Coordinates: 39.649200, -80.527143 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

Comments: Field visit 11/8/2019. Water well located under porch. Edna Lemasters (elderly lady) occupies the residence. House located at 34 Delta Rd. Wileyville WV 26581

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Site Number: 6 Distance from Gas Well (feet): 843.66 ±

Surface Owner / Occupant: Ray & Cassandra Stoneking

Address: 130 DELTA RD, WILEYVILLE, WV 26581 Phone #: 304-775-1782

Field Located Date: 11/8/2019 Owner home during survey (yes/no): Yes

Coordinates: 39.648170, -80.528637 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

Comments: Field visit 11/8/2019. Water well located under driveway beside pumphouse.

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

RECEIVED
Office of Oil and Gas

MAY - 8 2020

Site Number: 7 Distance from Gas Well (feet): 2,050.97 ±

Surface Owner / Occupant: Tammy Debolt (purchasing from Bryan & Heather Rizer)

Address: 506 Delta Rd, Wileyville WV 26581 Phone #: 304-775-5195

Field Located Date: 11/8/2019 Owner home during survey (yes/no): Yes

Coordinates: 39.649558, -80.534414 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

Comments: Field visit 11/8/2019. Water well located behind house up steps on hill near dog houses.

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

WV Department of
Environmental Protection

Site Number: 8 Distance from Gas Well (feet): 2,077 ±

Surface Owner / Occupant: Larry Roberts

Address: 543 DELTA RD, WILEYVILLE WV 26581 Phone #: 304-775-1736

Field Located Date: _____ Owner home during survey (yes/no): No

Coordinates: 39.648684, -80.535332 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: Yes

Comments: Field visit 11/8/2019. Doorhanger left. Mr. Roberts called 11/14/2019 and said he has a water well on west side of his house, and a spring-fed watering basin (site 18). Located with aerial imagery.

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Site Number: 9 Distance from Gas Well (feet): 778.6 ±

Surface Owner / Occupant: Thomas & Theresa Jones

Address: 291 MOUNT HERMAN RD, LITTLETON, WV 26581 Phone #: 304-775-2662

Field Located Date: 11/8/2019 Owner home during survey (yes/no): No

Coordinates: 39.646875, -80.526481 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: Yes

Comments: Field visit 11/8/2019. Spoke to Peyton (son), said it was okay to locate well & spring with GPS unit. Water well located beside house. Thomas called on 11/12/19 and confirmed he wants testing done.

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Site Number: 10 Distance from Gas Well (feet): 990.39 ±

Surface Owner / Occupant: Thomas & Theresa Jones

Address: 291 MOUNT HERMAN RD, LITTLETON, WV 26581 Phone #: 304-775-2662

Field Located Date: 11/8/2019 Owner home during survey (yes/no): No

Coordinates: 39.648181, -80.527076 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: Yes

Comments: Field visit 11/8/2019. Spoke to Peyton (son), said it was okay to locate well & spring with GPS unit. Located Spring-fed basin used for cattle with large tire around it near bottom of hill in field. Thomas called on 11/12/19 and confirmed he wants testing done.

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

RECEIVED
Office of Oil and Gas

MAY - 8 2020

Site Number: 11 Distance from Gas Well (feet): 361 ±

Surface Owner / Occupant: Nathan Sizemore (son of Anthony & Kim Sizemore)

Address: 330 MT HERMAN RD, WILEYVILLE, WV 26581 Phone #: 304-775-4084

Field Located Date: _____ Owner home during survey (yes/no): Yes

Coordinates: 39.646777, -80.529417 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

Comments: Field visit 11/8/2019 - lady (Nathan's girlfriend?) said she has water well, but declined sampling & refused to sign. Called Kim Sizemore on 12/11/19 to confirm she doesn't want testing - she stated the well is beside the house, but does not want sampling. Also has 2 other water well wells not used (Sites 19 and 20). Signature page not returned.

<input type="checkbox"/> Landowner Requested Sampling
<input checked="" type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

WV Department of Environmental Protection

Site Number: 12 Distance from Gas Well (feet): 1,115 ±

Surface Owner / Occupant: Gregory & Adair Wood

Address: 621 MT HERMAN RD, WILEYVILLE, WV 26581 Phone #: 304-775-2688

Field Located Date: 11/8/2019 Owner home during survey (yes/no): No

Coordinates: 39.642837, -80.528321 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: Yes

<input type="checkbox"/> Landowner Requested Sampling
<input checked="" type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Spoke to son who lives next door and uses same water well. He didn't know if they would want testing or not. 1st water well located beside house. Letter returned on 11/20/2019 declining sampling.

Site Number: 13 Distance from Gas Well (feet): 1,109 ±

Surface Owner / Occupant: Gregory & Adair Wood

Address: 621 MT HERMAN RD, WILEYVILLE, WV 26581 Phone #: 304-775-2688

Field Located Date: 11/8/2019 Owner home during survey (yes/no): No

Coordinates: 39.642886, -80.528095 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: Yes

<input type="checkbox"/> Landowner Requested Sampling
<input checked="" type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Spoke to son who lives next door and uses same water well. He didn't know if they would want testing or not. 2nd water well located beside house. Letter returned on 11/20/2019 declining sampling.

Site Number: 14 Distance from Gas Well (feet): 1,808.4 ±

Surface Owner / Occupant: Jimmie & Sharon Kirkpatrick

Address: HC 61 BOX 66, WILEYVILLE, WV 26186 Phone #: 304-775-1940

Field Located Date: 11/8/2019 Owner home during survey (yes/no): Yes

Coordinates: 39.642089, -80.524746 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Field visit 11/8/2019. Water well located in little brown pumphouse next to large building.

RECEIVED
Office of Oil and Gas

Site Number: 15 Distance from Gas Well (feet): 3,005.46 ±

Surface Owner / Occupant: Devonna & Kelly Reed

Address: 1090 MOUNT HERMAN RD, WILEYVILLE, WV 26581 Phone #: 304-775-2402

Field Located Date: 11/8/2019 Owner home during survey (yes/no): Yes

Coordinates: 39.638448, -80.533598 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Field visit 11/8/2019. Water well located next to house.

MAY - 8 2020

Site Number: 16 Distance from Gas Well (feet): 1,485 ±

Surface Owner / Occupant: John Starkey

Address: 759 VETERANS HWY, NEW MARTINSVILLE WV 26155 Phone #: 304-758-2241

Field Located Date: _____ Owner home during survey (yes/no): No

Coordinates: 39.649297, -80.531648 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Field visit 11/8/2019. Fallen down house on property that is uninhabited. Mr. Starkey called on Nov. 11, 2019 – Said no one resides at the property. He assumes there is a water well by the house; also said that he was told by someone that there is a spring on the property that had been used for cattle, but he is unsure of its location.

Site Number: 17 Distance from Gas Well (feet): not known

Surface Owner / Occupant: John Starkey

Address: 759 VETERANS HWY, NEW MARTINSVILLE WV 26155 Phone #: 304-758-2241

Field Located Date: _____ Owner home during survey (yes/no): No

Coordinates: Not known (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Field visit 11/8/2019. Fallen down house on property that is uninhabited. Mr. Starkey called on Nov. 11, 2019 – Said no one resides at the property. He assumes there is a water well by the house; also said that he was told by someone that there is a spring on the property that had been used for cattle, but unsure of its location.

Site Number: 18 Distance from Gas Well (feet): 1132 ±

Surface Owner / Occupant: Larry Roberts

Address: 543 DELTA RD, WILEYVILLE WV 26581 Phone #: 304-775-1736

Field Located Date: _____ Owner home during survey (yes/no): No

Coordinates: 39.647664, -80.532192 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: Yes

<input checked="" type="checkbox"/> Landowner Requested Sampling
<input type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Field visit 11/8/2019. Doorhanger left. Mr. Roberts called 11/14/2019 and said he has a round spring-fed watering basin used for cattle located inside a gate - near a shallow well that is located on Sizemore property. Also has a water well (site 8). Located with aerial imagery.

RECEIVED
Office of Oil and Gas

Site Number: 19 Distance from Gas Well (feet): 926 ±

Surface Owner / Occupant: Anthony & Kim Sizemore

Address: 63 STYLES RUN RD, METZ WV 26585 Phone #: 304-775-4084

Field Located Date: _____ Owner home during survey (yes/no): Yes

Coordinates: 39.643369, -80.528296 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

<input type="checkbox"/> Landowner Requested Sampling
<input checked="" type="checkbox"/> Landowner Decline Sampling
<input type="checkbox"/> Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

Comments: Same landowner as Site 11 - water well, casing can be seen from road on vacant property across from Gregory and Adair Wood residence near intersection. Mrs. Sizemore says this is not Joseph John property. Signature page not returned.

MAY - 8 2020

Department of Environmental Protection

Site Number: 20 Distance from Gas Well (feet): 1,899 ±

Surface Owner / Occupant: Anthony & Kim Sizemore

Address: 63 STYLES RUN RD, METZ WV 26585 Phone #: 304-775-4084

Field Located Date: _____ Owner home during survey (yes/no): Yes

Coordinates: 39.640807, -80.530556 (decimal degrees – NAD 83)

Contact Attempts (Date): 1st: 11/07/2019 2nd: _____ Door Hanger Left: _____

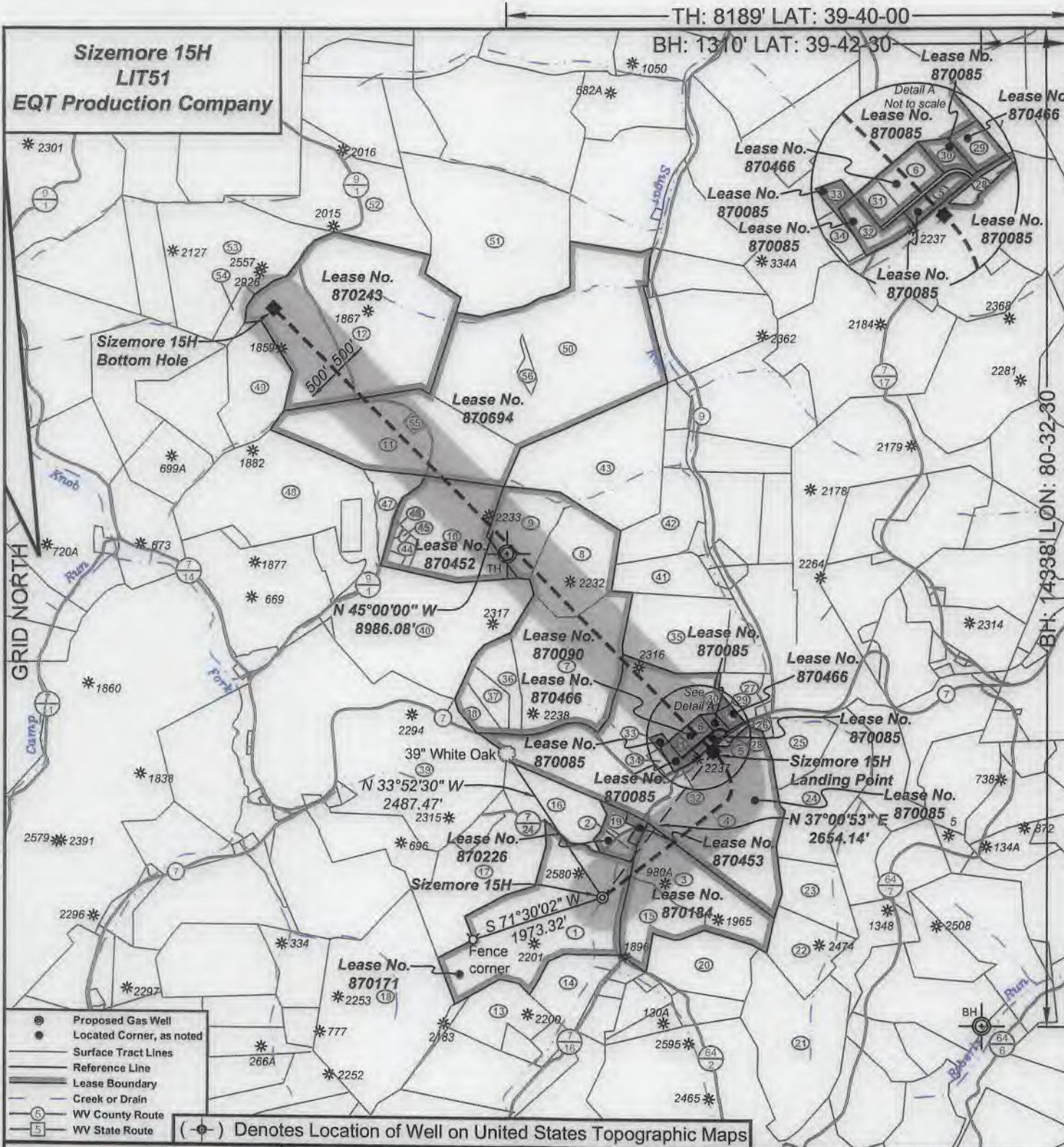
Comments: Same landowner as Site 11 - water well beside unoccupied mobile home. Signature page not returned.

<input type="checkbox"/>	Landowner Requested Sampling
<input checked="" type="checkbox"/>	Landowner Decline Sampling
<input type="checkbox"/>	Unable to Contact (Further contact attempts to be made by EQT's third party pre-drill sampling lab)

RECEIVED
Office of Oil and Gas

MAY - 8 2020

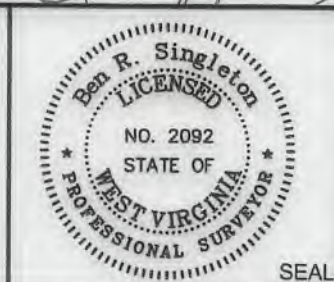
WV Department of
Environmental Protection



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 15H
 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: May 06 20 20
 OPERATOR'S WELL NO.: Sizemore 15H
 API WELL NO: 47 103 03344
 STATE COUNTY PERMIT

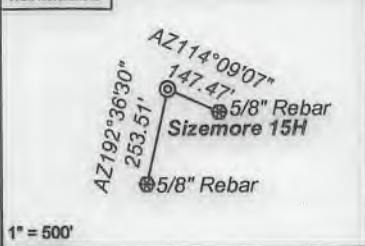
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1148' WATERSHED Tributary of Sugar Run QUADRANGLE: Littleton
 DISTRICT: Center COUNTY: Wetzel
 SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
 ROYALTY OWNER: Anthony W. Sizemore LEASE NO: 870171 ACREAGE: 75.36
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,335'

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

**Sizemore 15H
LIT51
EQT Production Company**

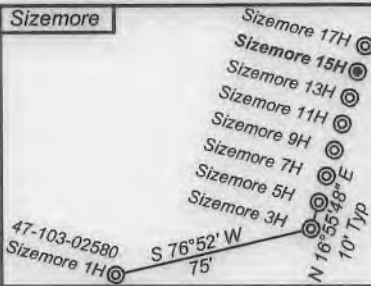
Tract ID	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	16	9	Wetzel	Center	Anthony Sizemore	75.36
2	16	10.1	Wetzel	Center	Ray & Cassandra Stoneking	5.72
3	16	12	Wetzel	Center	Thomas Jones, et al.	34.20
4	12	24	Wetzel	Center	Matthew L. Kennedy	87.67
5	12a	6	Wetzel	Center	Robert K. 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	81.78
12	6	24	Wetzel	Clay	Kenneth L. Shreve, et al.	100.00
13	16	31	Wetzel	Center	Devona D. & Kelly M. Reed	18.25
14	16	33	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	20.64
15	16	11	Wetzel	Center	Earl Null, et al.	20.00
16	12	31	Wetzel	Center	John S. Sterkey, et al.	22.50
17	16	8	Wetzel	Center	Larry D. Roberts	44.50
18	16	28	Wetzel	Center	William J. Morris Revocable Trust	93.25
19	16	10	Wetzel	Center	Calvin C. Cecil	3.18
20	16	37	Wetzel	Center	Russell J. Strun	30.00
21	9	12	Wetzel	Church	Terrance J. & Terri L. O'Brien	81.00
22	9	11	Wetzel	Church	Emma P. & Richard Brieter	19.75
23	9	10	Wetzel	Church	William L. Minger	21.00
24	9	8	Wetzel	Church	Mark Ransom	43.30
25	9	8.1	Wetzel	Church	Aamon A. & Flora J. Burley	16.00
26	12	42	Wetzel	Center	Carolyn Crone-Aamot	1.68
27	6	29	Wetzel	Clay	April L. & Gerard B. Norris	7.47
28	12	25	Wetzel	Center	Glenn & Trina Hollabaugh	0.33
29	12a	5	Wetzel	Center	Kevin R. Milliken, et al.	1.88
30	12a	4	Wetzel	Center	Kevin R. Milliken, et al.	1.04
31	12a	1	Wetzel	Center	Scott A. & Abigail D. Tennant	1.37
32	12a	10	Wetzel	Center	Scott A. & Abigail D. Tennant	2.24
33	12a	9	Wetzel	Center	Matthew L. Kennedy	0.77
34	12	44	Wetzel	Center	Scott A. & Abigail D. Tennant	1.49
35	6	21	Wetzel	Clay	Pamela E. Pride	35.75
36	12	22	Wetzel	Center	Reda M. Amos, et al.	14.77
37	12	23.3	Wetzel	Center	EQT Production Company	8.78
38	12	19.6	Wetzel	Center	EQT Production Company	1.70
39	12	22.1	Wetzel	Center	EQT Production Company	2.00
40	12	22.2	Wetzel	Center	EQT Production Company	4.05
41	12	19	Wetzel	Center	Nancy E. Jolliffe	172.10
42	12	21	Wetzel	Center	Jamie L. & Melissa G. Dent	78.30
43	6	33	Wetzel	Clay	Pamela E. Pride	17.37
44	6	18.2	Wetzel	Clay	Randall A. & Tina R. Kuhn	25.50
45	6	17	Wetzel	Clay	Genevieve Booth	64.50
46	12	12.2	Wetzel	Center	Zachary White	3.01
47	12	12.5	Wetzel	Center	Kathy Mace	0.42
48	12	12.4	Wetzel	Center	Kathy Mace	0.87
49	12	11.2	Wetzel	Center	John Joseph	9.35
50	12	11	Wetzel	Center	Lonnie R. & Judith Anderson	79.83
51	12	6	Wetzel	Center	Kenneth C. & Rebecca A. Shreve	30.75
52	6	10	Wetzel	Clay	George H. & Elizabeth Williams	132.75
53	6	9	Wetzel	Clay	Donna L. Runner	97.80
54	6	25	Wetzel	Clay	Michael L. & Allison G. Koontz	77.75
55	6	26	Wetzel	Clay	Ernest & Nancy Watson	66.67
56	6	26.1	Wetzel	Clay	Brian Watson, et al.	5.04
57	12	7.1	Wetzel	Center	George H. & Elizabeth Williams	0.74
58	16	84	Wetzel	Center	Anthony W. & Kimberly A. Sizemore	2.47

Well References

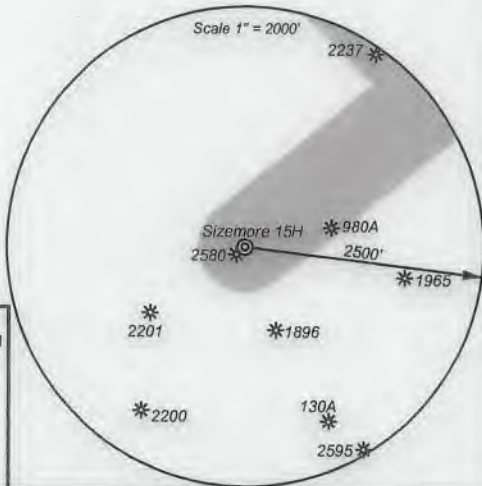


Notes:
Sizemore 15H coordinates are
NAD 27 N: 419,007.16 E: 1,710,221.81
NAD 27 Lat: 39.645860 Long: -80.529080
NAD 83 UTM N: 4,388,567.59 E: 540,421.07
Sizemore 15H Landing Point coordinates are
NAD 27 N: 421,126.44 E: 1,711,819.66
NAD 27 Lat: 39.651728 Long: -80.523492
NAD 83 UTM N: 4,389,221.40 E: 540,897.13
Sizemore 15H Bottom Hole coordinates are
NAD 27 N: 427,480.56 E: 1,705,465.54
NAD 27 Lat: 39.668971 Long: -80.546320
NAD 83 UTM N: 4,391,124.88 E: 538,928.99
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.

Sizemore



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
870466	Katherine S. Milliken-Moore, et al.	37.85
870090	Lloyd & Nancy Postlethwait, et al.	140
870452	Nancy E. Jolliffe	43.05
870694	Ralph & Betty Six, et al.	62.5
870243	Mark A. Shreve, et al.	100
870453	Edna LeMasters, L/E, Calvin C. Cecil & Carol S. Cecil, Remaindermen	1.575

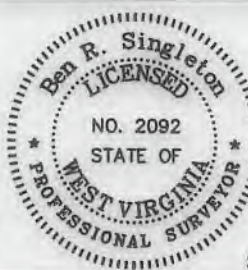


- ⊙ Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- ▬ Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route



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



SEAL

FILE NO: 208-19
DRAWING NO: Sizemore 15H
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: May 06 20 20
OPERATOR'S WELL NO.: Sizemore 15H
API WELL NO
47 - 103 - 03344
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1148' WATERSHED Tributary of Sugar Run QUADRANGLE: Littleton
DISTRICT: Center COUNTY: Wetzel
SURFACE OWNER: Anthony W. & Kimberly A. Sizemore ACREAGE: 75.36
ROYALTY OWNER: Anthony W. Sizemore LEASE NO: 870171 ACREAGE: 75.36
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,335'

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

**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:

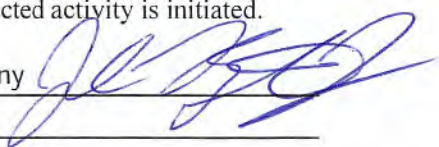
Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attached				

**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

Lease No.	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
870171	<u>Donna K. 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	**	OG 84A-516 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
870184	<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	**	OG 111A/407 OG 124A/9 & 136A/538 OG 138A/54 OG 138A/1 OG 175A/707
870226	<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	**	OG 103A/241 OG 106A/11 & 135A/344 OG 138A/54 OG 138A/1 OG 175A/707
870453	<u>Edna Lemasters, L/E, Calvin C. Cecil & Carol S. Cecil, Remaindermen</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	**	OG 116A/608 OG 120A/436 OG 138A/54 OG 138A/1 OG 175A/707
870985	<u>Charles Lee Roberts, et al.</u> Charles Lee Roberts and Shirley E. Roberts, h/w	Drilling Appalachian Corporation	**	OG 84A/452

47108003

RECEIVED
Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection

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

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

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

870466 Katherine S. Milliken-Moore, et al.
 Katherine S. Milliken-Moore, mar. woman dealing in her sole/sep.
 property
 Statoil USA Onshore Properties Inc.

**
 Statoil USA Onshore Properties Inc.
 EQT Production Company

OG 140A/553
 OG 175A/707

870090 Lloyd & Nancy Postlethwait, et al.
 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

OG 85A/667
 OG 124A/9 & 136A/538
 OG 138A/54
 OG 138A/1
 OG 175A/707

870452 Nancy E. Jolliffe
 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

OG 102A/769
 OG 106A/11 & 135A/344
 OG 138A/54
 OG 138A/1
 OG 175A/707

870694 Ralph & Betty Six, et al.
 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

OG 86A/616
 OG 124A/9 & 136A/538
 OG 138A/54
 OG 138A/1
 OG 175A/707

870243 Mark A. Shreve, et al
 Kenneth L. Shreve and Sondra L. Shreve, h/w
 Drilling Appalachian Corporation

**
 Drilling Appalachian Corporation
 Grenadier Energy Partners, LLC

OG 80A/55
 OG 124A/9 & 136A/538

RECEIVED
 Office of Oil and Gas
 MAY - 8 2020
 WV Department of
 Environmental Protection

471030334

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

Statoil USA Onshore Properties Inc.
Statoil USA Onshore Properties Inc.
EQT Production Company

OG 138A/54
OG 138A/1
OG 175A/707

** Per West Virginia Code Section 22-6-8.

RECEIVED
Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection



Where energy meets innovation.SM

EQT Production Company
400 Woodcliff Drive
Canonsburg, PA 15317
www.eqt.com

John Zavatchan
Landman - Permitting
O:724-746-9073
jzavatchan@eqt.com

May 7, 2020

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Sizemore 15H Gas Well
Center District, Wetzel County

Dear Mr. Brewer,

EQT Production Company is applying for a new well work permit for the well referenced above. Upon information and belief, the Operator's lease and/ or other real property rights permit it to conduct drilling operations for the subject well in the location shown on the plat, including under any public roads that the well lateral crosses.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Zavatchan'.

John Zavatchan
Landman - Permitting

RECEIVED
Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection

WW-PN
(11-18-2015)

**Horizontal Natural Gas Well Work Permit
Application Notice By Publication**

Notice is hereby given:

Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

Paper: The Wetzel Chronicle

Public Notice Date: 11/6/19 and 11/13/19

The following applicant intends to apply for a horizontal natural well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads or utilizes more than two hundred ten thousand gallons of water in any thirty day period.

Applicant: EQT Production Company **Well Number:** Sizemore 15H

Address: 400 Woodcliff Drive
Canonsburg, PA 15317

Business Conducted: Natural gas production.

Location –

State:	<u>West Virginia</u>	County:	<u>Wetzel</u>
District:	<u>Center</u>	Quadrangle:	<u>Littleton</u>
UTM Coordinate NAD83 Northing:	<u>4388567.59</u>		
UTM coordinate NAD83 Easting:	<u>540421.07</u>		
Watershed:	<u>Tributary of Sugar Run</u>		

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit <http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx> to sign up.

Reviewing Applications:

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov.

Submitting Comments:

Comments may be submitted online at <https://apps.dep.wv.gov/oog/comments/comments.cfm>, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE CERTIFICATION**

Date of Notice Certification: 05/07/2020

API No. 47- _____ - _____
Operator's Well No. 15H
Well Pad Name: Sizemore

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83 Easting: <u>540421.07</u>
County: <u>Wetzel</u>	UTM NAD 83 Northing: <u>4388567.59</u>
District: <u>Center</u>	Public Road Access: <u>CR 7/16</u>
Quadrangle: <u>Littleton</u>	Generally used farm name: <u>Anthony W. and Kimberly A. Sizemore</u>
Watershed: <u>Tributary of Sugar Run</u>	

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:

*PLEASE CHECK ALL THAT APPLY

- 1. NOTICE OF SEISMIC ACTIVITY or NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED
- 2. NOTICE OF ENTRY FOR PLAT SURVEY or NO PLAT SURVEY WAS CONDUCTED
- 3. NOTICE OF INTENT TO DRILL or NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)
- 4. NOTICE OF PLANNED OPERATION
- 5. PUBLIC NOTICE
- 6. NOTICE OF APPLICATION

OOG OFFICE USE ONLY

- RECEIVED/ NOT REQUIRED
- RECEIVED
- RECEIVED/ NOT REQUIRED
- RECEIVED
- RECEIVED
- RECEIVED

RECEIVED
Office of Oil and Gas

MAY - 8 2020

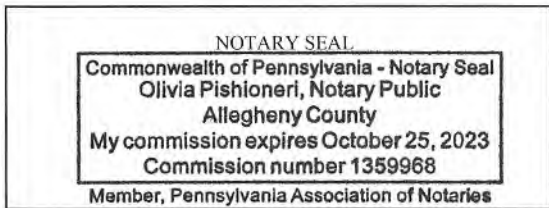
Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Environmental Protection Advertisment with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

Certification of Notice is hereby given:

THEREFORE, I John Zavatchan, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator:	<u>EQT Production Company</u>	Address:	<u>400 Woodcliff Drive</u>
By:	<u>John Zavatchan</u>		<u>Canonsburg, PA 15317</u>
Its:	<u>Project Specialist - Permitting</u>	Facsimile:	<u>724-743-4681</u>
Telephone:	<u>724-746-9073</u>	Email:	<u>jzavatchan@eqt.com</u>



Subscribed and sworn before me this 7th day of May, 2020.
[Signature] Notary Public
 My Commission Expires October 25th, 2023

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 5/7/2020 **Date Permit Application Filed:** 5/7/2020

Notice of:

- PERMIT FOR ANY WELL WORK
 CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)
 Name: See AttachedList
 Address: _____

Name: _____
 Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)
 Name: See AttachedList
 Address: _____

Name: _____
 Address: _____

SURFACE OWNER(s) (Impoundments or Pits)
 Name: See AttachedList
 Address: _____

COAL OWNER OR LESSEE
 Name: See AttachedList
 Address: _____

COAL OPERATOR
 Name: _____
 Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
 Name: See AttachedList
 Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD
 Name: _____
 Address: _____

*Please attach additional forms if necessary

RECEIVED
 Office of Oil and Gas
 MAY - 8 2020
 WV Department of
 Environmental Protection

Surface Owners:

Anthony W. and Kimberly A. Sizemore
63 Styles Run Road
Metz, WV 26585

Surface Owners (road, AST, or other disturbance):

Anthony W. and Kimberly A. Sizemore
63 Styles Run Road
Metz, WV 26585

Water Supply Owners within 1,500'

Anthony W. and Kimberly A. Sizemore
63 Styles Run Road
Metz, WV 26585

Calvin & Carol Cecil & Edna Lemasters
6111 Hornet Highway
Hundred, WV 26575

Gregory and Adair Wood
621 Mt. Herman Road
Wileyville, WV 26581

John Starkey
759 Veterans Highway
New Martinsville, WV 26155

Larry Roberts
543 Delta Road
Wileyville, WV 26581

Nathan Sizemore
330 Mt. Herman Road
Wileyville, WV 26581

Ray and Cassandra Stoneking
130 Delta Road
Wileyville, WV 26581

Thomas and Theresa Jones
291 Mount Herman Road
Littleton, WV 26581

Coal Owner

Anthony W. Sizemore
63 Styles Run Road
Metz, WV 26585

New Gauley Coal Corp.
5260 Irwin Road
Huntington, WV 25705-3247

Topo Quad: Littleton Scale: 1" = 1000'

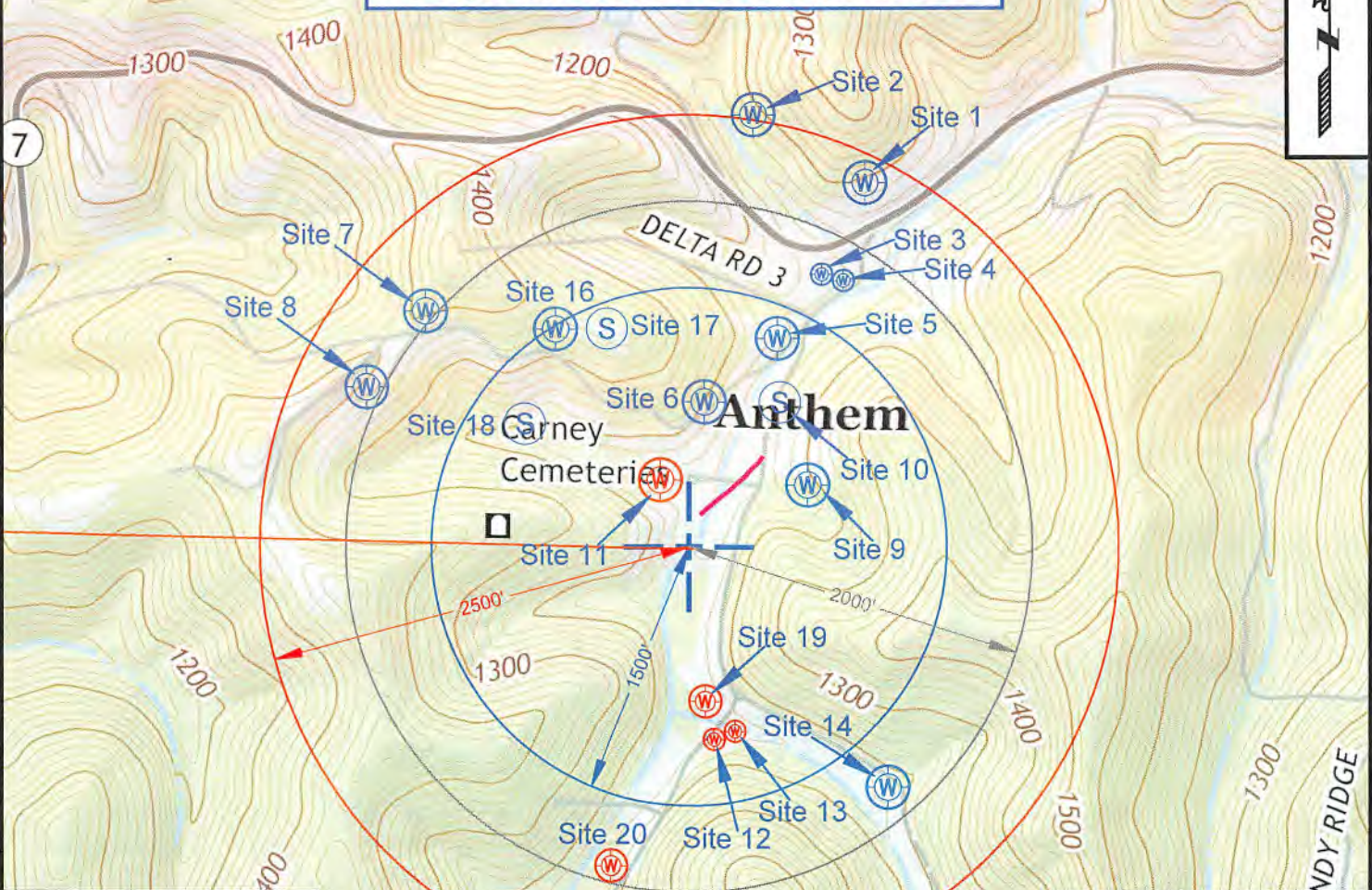
County: Wetzel Date: December 13, 2019

District: Center Project No: 208-34-C-19

Water

LIT 51 SIZEMORE PAD

18 Potential Water Sources within 2500'



LEGEND

Red Symbol - Declined Sampling
 Blue Symbol - Requested Sampling / Unable to Contact

- Access Road
- Well
- Spring
- Pond
- Building

NAD 27, North Zone
N:418978.46
E:1710213.07

WGS 84
LAT:39.645864
LONG:-80.524746
ELEV:1710213.07



SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

2400 Ansys Drive, Suite 200
 Canonsburg, PA 15317

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

WW-6A
(8-13)

API NO. 47- _____
OPERATOR WELL NO. 15H _____
Well Pad Name: Sizemore _____

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

RECEIVED
Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

4710303344

WW-6A
(8-13)

API NO. 47- _____
OPERATOR WELL NO. 15H _____
Well Pad Name: Sizemore _____

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site <http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of Environmental Protection

4710303344

WW-6A
(8-13)

API NO. 47- _____
OPERATOR WELL NO. 15H _____
Well Pad Name: Sizemore _____

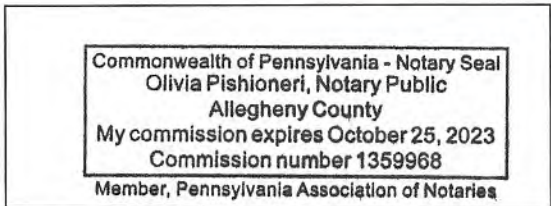
Notice is hereby given by:

Well Operator: EQT Production Company
Telephone: 724-746-9073
Email: jzavatchan@eqt.com

Address: 400 Woodcliff Drive
Canonsburg, PA 15317
Facsimile: 724-743-4681

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



Subscribed and sworn before me this 7th day of May, 2020
[Signature] Notary Public
My Commission Expires October 25, 2023

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

WW-6A4
(1/12)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 12/27/2019 **Date Permit Application Filed:** 05/07/2020

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Anthony W. and Kimberly A. Sizemore

Address: 63 Styles Run Road

Metz, WV 26585

Name: _____

Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>540421.07</u>
County:	<u>Wetzel</u>		Northing:	<u>4388567.59</u>
District:	<u>Center</u>	Public Road Access:	<u>CR 7/16</u>	
Quadrangle:	<u>Littleton</u>	Generally used farm name:	<u>Anthony W. and Kimberly A. Sizemore</u>	
Watershed:	<u>Tributary of Sugar Run</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: EQT Production Company
Address: 400 Woodcliff Drive
Canonsburg, PA 15317
Telephone: 724-746-9073
Email: jzavatchan@eqt.com
Facsimile: 724-743-4681

Authorized Representative: John Zavatchan
Address: 400 Woodcliff Drive
Canonsburg, PA 15317
Telephone: 724-746-9073
Email: jzavatchan@eqt.com
Facsimile: 724-743-4681

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 05/07/2020 **Date Permit Application Filed:** 05/07/2020

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

- CERTIFIED MAIL RETURN RECEIPT REQUESTED
- HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Anthony W. and Kimberly A. Sizemore	Name: _____
Address: 63 Styles Run Road Metz, WV 26585	Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia	UTM NAD 83 Easting: 540421.07
County: Wetzel	Northing: 4388567.59
District: Center	Public Road Access: CR 7/16
Quadrangle: Littleton	Generally used farm name: Anthony W. and Kimberly A. Sizemore
Watershed: Tributary of Sugar Rn	

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: EQT Production Company
 Telephone: 724-746-9073
 Email: jzavatchan@eqt.com

Address: 400 Woodcliff Drive
 Canonsburg, PA 15317
 Facsimile: 724-743-4681

RECEIVED
 Office of Oil and Gas
 MAY - 8 2020
 WV Department of
 Environmental Protection

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL LOCATION RESTRICTION WAIVER

The well operator, EQT Production Company is applying for a permit from the State of West Virginia to conduct oil or gas well work. Please be advised that well work permits are valid for twenty-four (24) months.

Well Location Restrictions

Pursuant to West Virginia Code § 22-6A-12(a), Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements.

WAIVER

I, Anthony W. Sizemore and Kimberly A. Sizemore, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through 11, including the erosion and sediment control plan required, and the well plat, all for proposed well work on the tract of land as follows:

State: West Virginia UTM NAD 83 Easting: _____
County: Wetzel UTM NAD 83 Northing: _____
District: Center Public Road Access: Anthem Rd. (County Route 7/16)
Quadrangle: Littleton Generally used farm name: Sizemore
Watershed: Sugar Run

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials and I therefore waive all well site restrictions listed under West Virginia Code § 22-6A-12(a).

WELL SITE RESTRICTIONS BEING WAIVED

*Please check all that apply

- EXISTING WATER WELLS
- DEVELOPED SPRINGS
- DWELLINGS
- AGRICULTURAL BUILDINGS

FOR EXECUTION BY A NATURAL PERSON

Signature: [Signature]
Print Name: Anthony W. Sizemore and Kimberly A. Sizemore
Date: 1-11-20

FOR EXECUTION BY A CORPORATION, ETC.

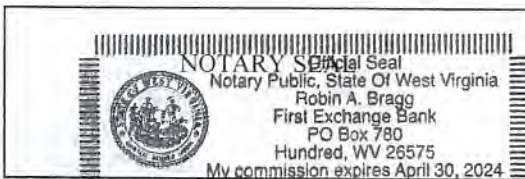
Company: _____
By: _____
Its: _____
Signature: _____
Date: _____

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

Signature: [Signature]
Telephone: 724-746-9073

Wetzel County
Carol S. Haught, Clerk
Instrument 285290
02/11/2020 @ 12:36:05 PM
DITL ANS
Book 2784 Page 378
Pages 11 and 1
Recorded
11.00

RECEIVED
Office of Oil and Gas
MAY 8 2020
WV Department of
Environmental Protection



Subscribed and sworn before me this 11th day of January, 2020
Robin A. Bragg Notary Public
My Commission Expires 4-30-24



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
 Charleston, West Virginia 25305-0430 • (304) 558-3505

Byrd E. White, III
 Secretary of Transportation/
 Commissioner of Highways

December 10, 2019

Jimmy Wriston, P. E.
 Deputy Secretary/
 Deputy Commissioner

James A. Martin, Chief
 Office of Oil and Gas
 Department of Environmental Protection
 601 57th Street, SE
 Charleston, WV 25304

Subject: DOH Permit for the James Sizemore Pad, Wetzel County

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

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2010-0264 which has been transferred to EQT Production Company for access to the State Road for a well site located off Wetzel County Route 6 SLS.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018.

Very Truly Yours,

Gary K. Clayton, P.E.
 Regional Maintenance Engineer
 Central Office O&G Coordinator

Cc: John Zavatchan
 EQT Production Company
 CH, OM, D-6
 File

RECEIVED
 Office of Oil and Gas
 MAY - 8 2020
 WV Department of
 Environmental Protection

4710303344

Anticipated Frac Additives
Chemical Names and CAS numbers

<u>Material</u>	<u>Ingredient</u>	<u>CAS Number</u>
Water		
Sand	Hydrotreated light petroleum distillate	14808-60-7
	Tributyl tetradecyl phosphonium chloride	64742-47-8
Friction Reducer		
Biocide	Ammonium chloride	81741-28-8
Scale Inhibitor	Hydrochloric Acid	12125-02-9
15% Hydrochloric Acid	Propargyl Alcohol	7647-01-0
Corrosion Inhibitor	Methanol	107-19-7
Corrosion Inhibitor	Guar Gum	67-56-1
Gelling Agent	Sodium Persulfate	9000-30-0
Oxidizing Breaker	Potassium Carbonate	7775-27-1
Buffering Agent		584-08-7

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection