



---

west virginia department of environmental protection

---

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, November 29, 2022  
WELL WORK PERMIT  
Horizontal 6A / New Drill

ARSENAL RESOURCES LLC  
6031 WALLACE RD EXT., SUITE 101  
WEXFORD, PA 15090

Re: Permit approval for Fiber TFP 22 203  
47-091-01373-00-00

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

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over the typed name and title.

Operator's Well Number: Fiber TFP 22 203  
Farm Name: CFS FARMS LLC  
U.S. WELL NUMBER: 47-091-01373-00-00  
Horizontal 6A New Drill  
Date Issued: 11/29/2022

Promoting a healthy environment.

12/02/2022

# 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.
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.



---

west virginia department of environmental protection

---

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

Austin Caperton, Cabinet Secretary  
dep.wv.gov

**ORDER  
ISSUED UNDER  
WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 6A**

TO: Arsenal Resources  
6031 Wallace Road Extension Suite 603  
Wexford, Pa 15090

DATE: October 22, 2018  
ORDER NO.: 2018-W-10

**INTRODUCTION**

This Order (hereinafter “Order”) is issued by the Office of Oil and Gas (hereinafter “OOG”), by and through its Chief, pursuant to the authority of W. Va. Code §§ 22-1-1, 22-6-1 and 22-6A-1 *et seq.* to Arsenal Resources (hereinafter “Arsenal” or “Operator”), collectively the “Parties.”

**FINDINGS OF THE CHIEF**

In support of this Order, the Chief hereby finds the following:

1. OOG, an office within the West Virginia Department of Environmental Protection, is the agency with the duty and authority to execute and enforce W. Va. Code §22-6-1 and §22-6A-1 *et seq.*, and the rules and regulations promulgated thereunder.
2. Arsenal is a “person” as defined by W. Va. Code §22-6-1(n), with a corporate address as 6031 Wallace Road Extension Suite 603, Wexford, PA 15090.
3. On July 20, 2018 Arsenal submitted a well work permit application identified as API# 47-091-01347. The proposed well is to be located on the Fiber TFP22 Pad in District 4 of Taylor County, West Virginia.
4. On July 20, 2018 Arsenal requested a waiver for Stream 7, Wetlands F, G, H and I outlined in Attachment 1, from well location restriction requirements in W. Va. Code §22-6A-12(b) for the well work permit application identified as API# 47-091-01347.

## CONCLUSIONS OF LAW

1. West Virginia Code §22-1-6(d) requires, in part, that “in addition to other powers, duties and responsibilities granted and assigned to the secretary by this chapter, the secretary is authorized and empowered to... (3) Enter private lands to make surveys and inspections for environmental protection purposes; to investigate for violations of statutes or rules which the Office of Oil and Gas is charged with enforcing; to serve and execute warrants and processes; to make arrests; issue orders, which for the purposes of this chapter include consent agreements; and to otherwise enforce the statutes or rules which the Office of Oil and Gas is charged with enforcing.”
2. West Virginia Code §22-6A-2(a)(6) requires, in part, that “Concomitant with the broad powers to condition the issuance of well work permits, the secretary should also have broad authority to waive certain minimum requirements of this article when, in his or her discretion, such waiver is appropriate: *Provided*, That the secretary shall submit a written report of the number of waivers granted to the Legislature commencing January 1, 2013, and each year thereafter.”
3. West Virginia Code §22-6A-12(b) requires, in part, that “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 Office of Oil and Gas 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 Office of Oil and Gas 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.”

## ORDER

West Virginia Code §22-6A-12(b) requires, in part, that “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. The Office of Oil and Gas grants the request for a waiver for Stream 7, and Wetlands F, G, H and I from well location restriction requirements in W. Va. Code §22-6A-12(b) for the well work permit application identified as API# 47-091-01347. The Office of Oil and Gas hereby **ORDERS** that Arsenal shall meet the following site construction and operational requirements for the Fiber TFP22 Well Pad:

- a. A berm shall be constructed around the perimeter of the pad to contain any potential spills and storm water runoff. Berm is to be at least twenty-four inches (24”) in height;
- b. Erosion control blankets shall be installed on all slopes and down gradient locations of the pad as erosion and sediment controlling BMPs;
- c. Stream 7 shall be protected by diversion ditches and compost filter sock. This along with rip-rap aprons, temporary and permanent vegetative cover will prevent sediment from reaching the stream;
- d. Wetland F, G, H and I shall be protected by both silt fence and super silt fence. This along temporary and permanent vegetative cover will prevent sediment from reaching the wetlands;
- e. Disturbed areas not used for operations shall be seeded and mulched per the seeding tables in the WVDEP-OOG Erosion and Sediment Control Manual;
- f. Drill cuttings and associated drilling mud shall be disposed of in a permitted landfill;
- g. Waste generated by the flowback treatment systems shall be sent to offsite disposal at a permitted landfill;
- h. Weekly site inspections shall be conducted to monitor and maintain the integrity of the BMP storm water controls;
- i. Weekly storm water and spill prevention inspections shall be conducted focusing on storm water and spill prevention BMPs and maintenance of these BMPs;
- j. Inspections of the storm water and spill prevention measures shall be conducted after any major storm event defined as a half inch (½”) rain within any twenty-four (24) hour period;
- k. Pad inspections shall be conducted no less than once a week to identify and mitigate potential deficiencies;
- l. All records from inspections shall be maintained on site for the life of the project and be available upon request.

Thus ORDERED, the 22th day of October, 2018.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

By:   
JAMES A. MARTIN, CHIEF

11/3/14

Wetland and Perennial Stream Waiver Request

API Number: <sup>01371 01373</sup> 40-091-01372 01374

Operator's Well Number: 202

Well Operator: Arsenal Resources

Well Number: 202

Well Pad Name: Fiber TFP22 Well Site

County, District, Quadrangle of Well Location: Taylor Co, District 4, Rosemont WV 7.5 min Quad

**Answer the questions below to request a waiver from West Virginia Department of Environmental Protection for any wetlands or perennial streams which lie within one hundred feet of proposed project Limit of Disturbance (LOD), which includes any erosion and sediment control devices to be used.**

**This waiver shall be requested pursuant to Chapter 22 Article 6A Section 12 of West Virginia Code, which states:**

**§22-6A-12(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.

**§22-6A-12(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.**

RECEIVED  
Office of Oil and Gas

OCT 24 2022

WV Dept. of Environmental Protection  
12/02/2022

11/3/14

Wetland and Perennial Stream Waiver Request

API Number: 40-081-

Operator's Well Number: 202

**Answer in the space provided, or use additional pages as necessary to fully answer the questions below:**

- 1. Describe the proposed project location, including unique identifying names of all wetlands, and the names of perennial streams for which the waiver is sought.**

See the attached Stream and Wetland Report for stream/wetland names and locations. Waivers are being sought for Stream 7, Wetland F, Wetland G, Wetland H, and Wetland I.

- 2. Justify the proposed activity by describing alternatives to this project that were considered.**

- a. Include a No-Action Alternative as to show "the future without the project"
- b. Location Alternatives must be shown
- c. Must demonstrate why a one hundred foot buffer cannot be maintained
- d. Describe how the proposed project is the least environmentally damaging practicable alternative

a. A No-Action Alternative would eliminate this multi-well pad for Arsenal Resources and the reserves underground for the company in this area. Thus ultimately lowering the company's overall reserves, borrowing based ability and revenue stream, along with the landowners royalties and revenue.

b. There is no feasible alternatives for this site due to topographic and environmental constraints. The current design layout maximizes distance from streams & wetlands while maintaining minimum operation dimensions.

c. Due to topographic and environmental constraints the Access Road, Tank Pad, Well Pad, Excess Material Stockpiles, and Topsoil Stockpiles could not be moved to another location that was flat enough to provide the necessary soil capacity. Stream 7 and wetland F, G, H, and I occupy a high position along the ridge top. Therefore, it is not possible to avoid encroachment of the 100 foot setback. The current access road profile is a 15.0% grade and making it more steep would cause it to be unsafe for truck traffic.

d. The current design configuration is the least environmentally damaging, practicable alternative. Alternative pad configurations & locations explored result in more disturbance, more tree clearing and further the encroachments to streams & wetlands.

RECEIVED  
Office of Oil and Gas

OCT 24 2022  
12/02/2022

WV Department of Environmental Protection

11/3/14

Wetland and Perennial Stream Waiver Request

API Number: 40-091-

Operator's Well Number: 202

3. Identify sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. This description should include all additional erosion and sediment control measures and devices that will be used.

The Fiber TFP22 Well Site limits of disturbance will be protected by Erosion & Sediment Control covering the entire perimeter of the site. E&S measures will be in place prior to commencement of construction and remain in place until greater than 70% vegetative cover is established. The streams and wetlands located within 100 feet of the LOD will be protected by utilizing the following controls:

Stream 7: Compost Filter Sock, Rip-Rap Aprons, and Temporary and Permanent Vegetative Cover will be located above the stream. The existing culvert across the access road is to be replaced with a larger diameter culvert, to help promote the flow through the stream's culvert-ed section.

Wetland F: Silt Fence and Temporary and Permanent Vegetative Cover will be located above the wetland to protect from sediment flow during the initial top soil stripping phase.

Wetland G: Silt Fence, Orange Construction Fence, and Temporary and Permanent Vegetative Cover will be located above the wetland.

Wetland H: Silt Fence, Orange Construction Fence, and Temporary and Permanent Vegetative Cover will be located above the wetland.

4. Provide mapping, plans, specifications and design analysis for the preferred alternative to the project.
- a. Specify in writing what additional controls, measures, devices, monitoring, etc. will be used to protect these wetlands and/or perennial streams for which the waiver is sought.

Additional E&S Controls that may be used during the construction of this site include:

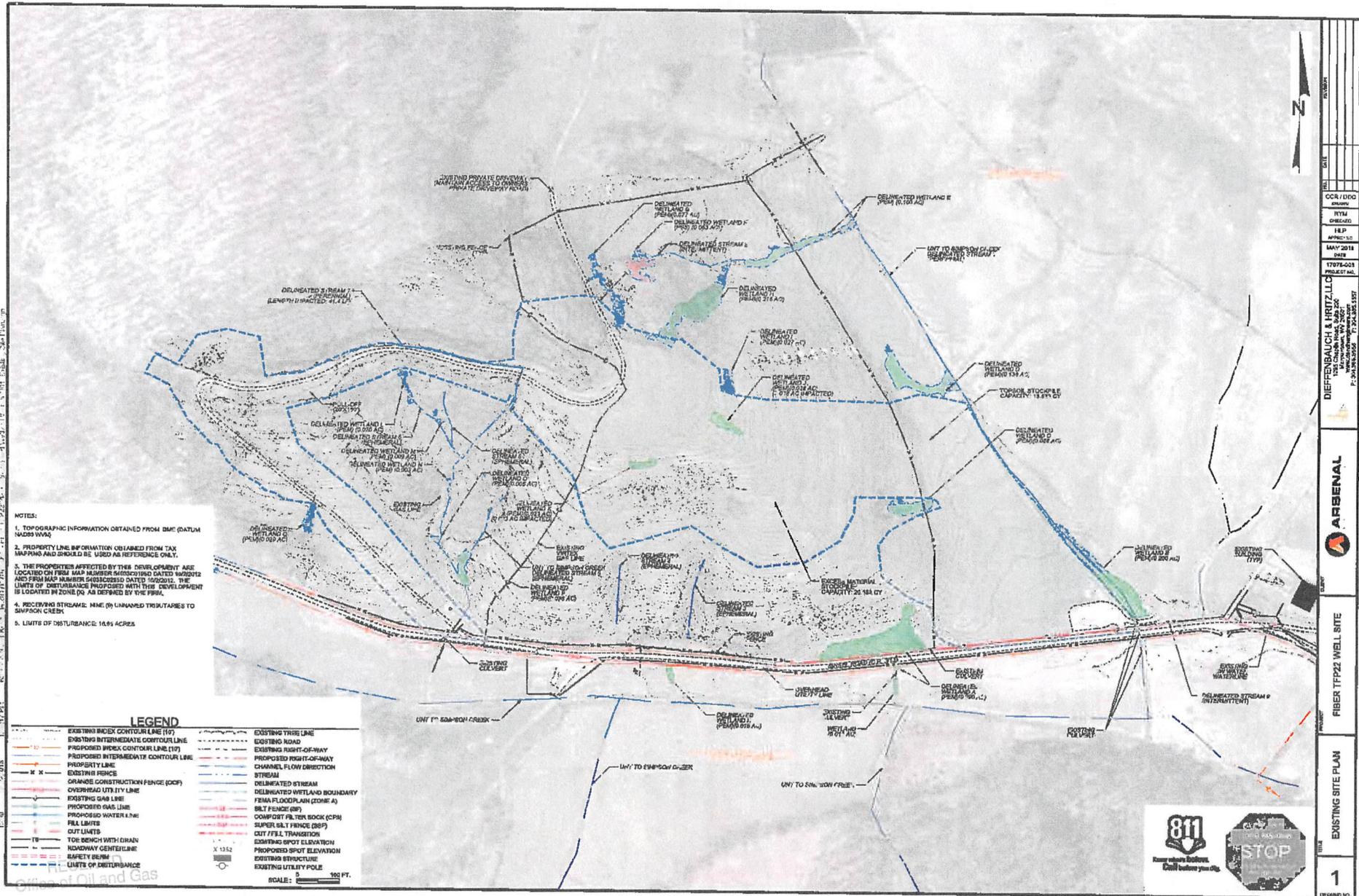
Compost Filter Sock  
Silt Fence  
Super Silt Fence  
Rip-Rap Lined Channels  
Rip-Rap Aprons  
Rock Construction Entrance  
Roadway Ditches  
Roadway Culverts  
Temporary and Permanent Seeding & Mulching  
All disturbed areas are to be seeded as soon as possible.

Specific implementation of these controls can be found in the Erosion and Sedimentation Control Plan submitted with the permit application.

RECEIVED  
Office of Oil and Gas

OCT 24 2022

12/02/2022  
W/D  
Environmental Protection



- NOTES:
1. TOPOGRAPHIC INFORMATION OBTAINED FROM DMC (DATUM NAD83 WVA)
  2. PROPERTY LINE INFORMATION OBTAINED FROM TAX MAPS AND SHOULD BE USED AS REFERENCE ONLY.
  3. THE PROPERTIES AFFECTED BY THIS DEVELOPMENT ARE LOCATED ON FIRM MAP NUMBER 540000000 DATED 06/20/21 AND FROM MAP NUMBER 540000000 DATED 06/20/21. THE LIMITS OF DISTURBANCE PROPOSED WITH THIS DEVELOPMENT IS LOCATED IN ZONE (A) AS DEFINED BY THE FRM.
  4. RECEIVING STREAMS: NINE (9) UNNAMED TRIBUTARIES TO SIMPSON CREEK.
  5. LIMITS OF DISTURBANCE: 16.95 ACRES.

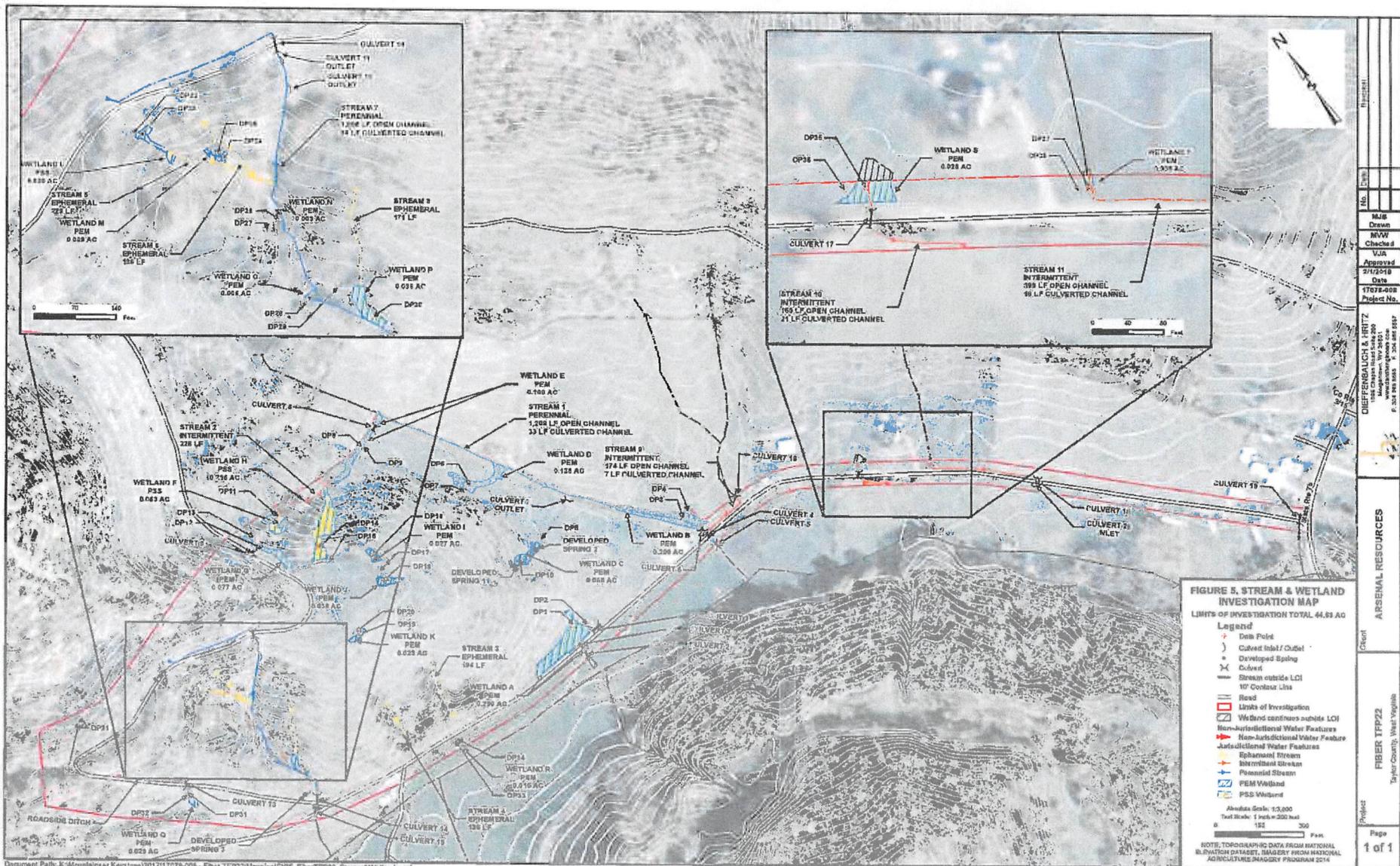
LEGEND	
	EXISTING INDEX CONTOUR LINE (10)
	EXISTING INTERMEDIATE CONTOUR LINE
	PROPOSED INDEX CONTOUR LINE (10)
	PROPOSED INTERMEDIATE CONTOUR LINE
	PROPERTY LINE
	EXISTING FENCE
	ORANGE CONSTRUCTION FENCE (OCF)
	OVERHEAD UTILITY LINE
	EXISTING GAS LINE
	PROPOSED GAS LINE
	PROPOSED WATER LINE
	FILL LIMITS
	OUT LIMITS
	TOE BENCH WITH DRAIN
	ROADWAY CENTERLINE
	SAFETY BERM
	LIMITS OF DISTURBANCE
	EXISTING TREE LINE
	EXISTING ROAD
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	CHANNEL FLOW DIRECTION
	STREAM
	DELIMITED STREAM
	DELIMITED WETLAND BOUNDARY
	FEMA FLOODPLAIN (ZONE A)
	SILT FENCE (SF)
	COMPACT FILTER ROCK (CFR)
	SUPER SILT FENCE (SSF)
	CUT/FILL TRANSITION
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	EXISTING STRUCTURE
	EXISTING UTILITY POLE



DATE: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPR'D: \_\_\_\_\_  
 DATE: MAY 2018  
 PROJECT NO: 17974-001  
 PROJECT NAME: \_\_\_\_\_  
 DIEFFENBAUGH & HRTZ, LLC  
 1105 CHERRY HILLS ROAD, SUITE 200  
 FARMINGTON, CT 06030  
 TEL: 860.634.1100  
 FAX: 860.634.1101

ARSENAL  
 FIBER TFP22 WELL SITE  
 EXISTING SITE PLAN  
 1

OCT 24 2022  
 WV Department of  
 Environmental Protection



Client	DIFFENBAUGH & HERTZ 1000 Chapman Road, Suite 200 Wichita, Kansas 67203 www.diffenbaugh.com P: 316.266.1000 F: 316.266.1007
Project	FIBER TFP22 Taylor County, West Virginia
Page	1 of 1
ARSENAL RESOURCES	
Checked	
Drawn	
Checked	
Approved	
Date	2/12/2019
Project No.	17078-008

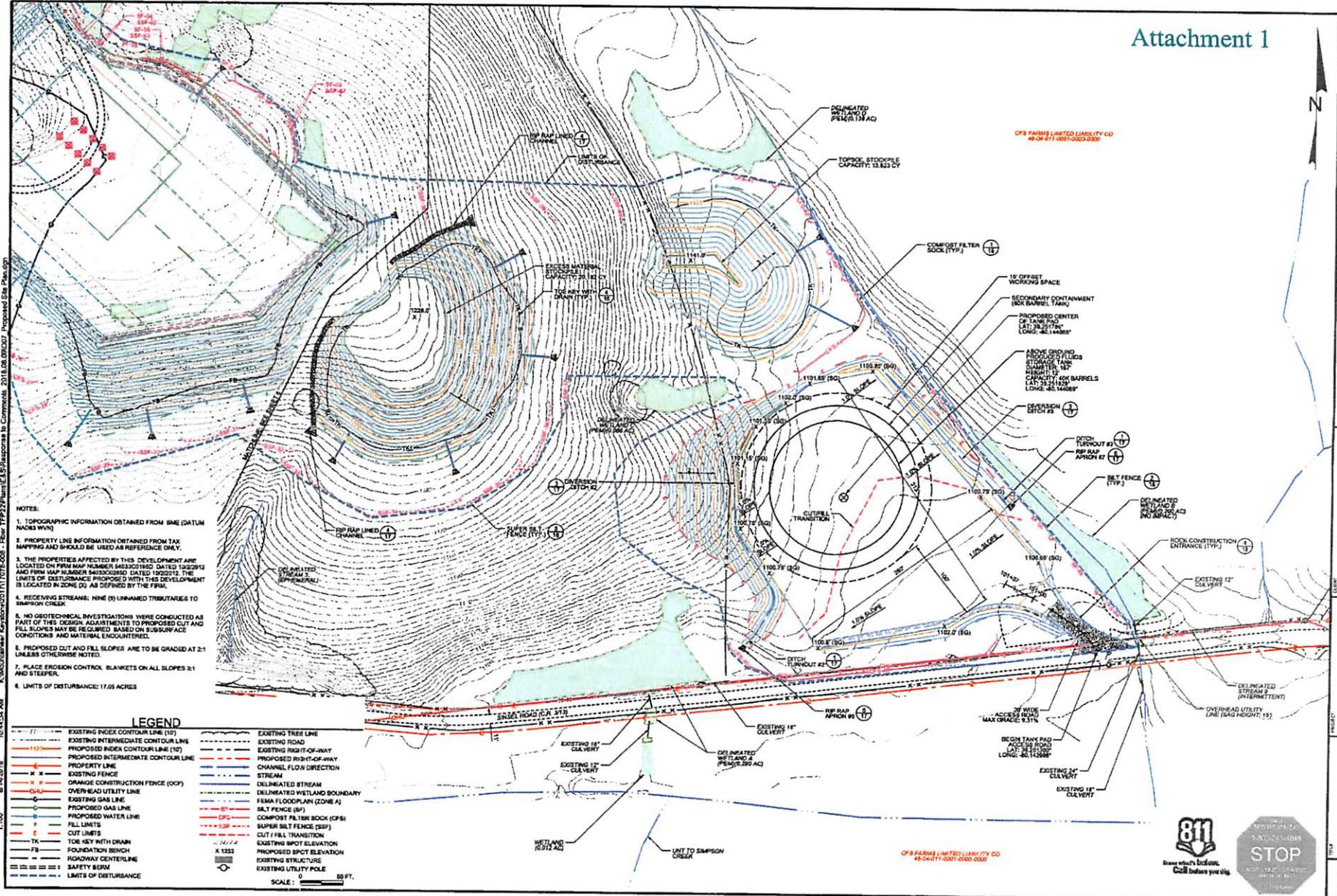
Document Path: K:\Mountains\Keynotes\2017\17078-008 - Fiber TFP22\Mapings\108\_FiberTFP22\_Stream&Wetland.mxd

RECEIVED  
Office of Oil and Gas  
OCT 24 2022  
WV Department of  
Environmental Protection





# Attachment 1



- NOTES:**
1. TOPOGRAPHIC INFORMATION OBTAINED FROM BME (DATUM NAD83 WYV)
  2. PROPERTY LINE INFORMATION OBTAINED FROM TAX MAPPING AND SHOULD BE USED AS REFERENCE ONLY.
  3. THE PROPERTIES AFFECTED BY THIS DEVELOPMENT ARE LOCATED ON PPM MAP NUMBER 840300280 DATED 10/20/12 AND FIRM MAP NUMBER 840300280 DATED 10/22/12. THE LIMITS OF DISTURBANCE PROPOSED WITH THIS DEVELOPMENT IS LOCATED IN ZONE (A) AS DEFINED BY THE FIRM.
  4. RECEIVING STREAMS: NINE (9) UNNAMED TRIBUTARIES TO SIMPSON CREEK.
  5. NO GEOTECHNICAL INVESTIGATIONS WERE CONDUCTED AS PART OF THIS DESIGN. ADJUSTMENTS TO PROPOSED CUT AND FILL SLOPES MAY BE REQUIRED BASED ON SUBSURFACE CONDITIONS AND MATERIAL ENCOUNTERED.
  6. PROPOSED CUT AND FILL SLOPES ARE TO BE GRADED AT 2:1 UNLESS OTHERWISE NOTED.
  7. PLACE EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 AND STEEPER.
  8. LIMITS OF DISTURBANCE: 17.05 ACRES

**LEGEND**

---	EXISTING INDEX CONTOUR LINE (10')	---	EXISTING TREE LINE
---	EXISTING INTERMEDIATE CONTOUR LINE	---	EXISTING ROAD
---	PROPOSED INDEX CONTOUR LINE (10')	---	EXISTING RIGHT-OF-WAY
---	PROPOSED INTERMEDIATE CONTOUR LINE	---	PROPOSED RIGHT-OF-WAY
---	PROPERTY LINE	---	CHANNEL FLOW DIRECTION
---	EXISTING FENCE	---	STREAM
---	ORANGE CONSTRUCTION FENCE (OCF)	---	DELEGATED STREAM
---	OVERHEAD UTILITY LINE	---	DELEGATED WETLAND BOUNDARY
---	EXISTING GAS LINE	---	FRAM FLOODPLAIN (ZONE A)
---	PROPOSED WATER LINE	---	SALT FENCE (SF)
---	FILL LIMITS	---	COMPOST FILTER SOCK (CFS)
---	CUT LIMITS	---	SUPER SALT FENCE (SSF)
---	TOE KEY WITH DRAIN	---	CUT/FILL TRANSITION
---	FOUNDATION BENCH	---	EXISTING SPOT ELEVATION
---	ROADWAY CENTERLINE	---	PROPOSED SPOT ELEVATION
---	SAFETY BERM	---	EXISTING STRUCTURE
---	LIMITS OF DISTURBANCE	---	EXISTING UTILITY POLE

SCALE: 0 50 FT.

N

FIBER TFP22 WELL SITE

PROPOSED SITE PLAN

7

811  
Before you dig  
Call before you dig

STOP  
811 Before you dig

ARSENAL

DIEFFENBAUGH & HIRTZ, LLC  
1000 W. 10TH AVE.  
MILWAUKEE, WI 53233  
P: 414.382.1557  
F: 414.382.1557

CDR  
DRAWN  
RTM  
CHECKED  
JLP  
APPROVED  
AUG 2015  
DATE  
17076-008  
PROJECT NO.

OFS FARMS LIMITED LIABILITY CO  
48-04-011-0001-0000-0000

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

1) Well Operator: Arsenal Resources 494519412 Taylor Fleming Rosemont  
Operator ID County District Quadrangle

2) Operator's Well Number: 203 Well Pad Name: Fiber TFP22

3) Farm Name/Surface Owner: CFS Farms LLC Public Road Access: CR 3/13

4) Elevation, current ground: 1,252 Elevation, proposed post-construction: 1,240.5

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

Other \_\_\_\_\_

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

Horizontal

6) Existing Pad: Yes or No No but pad has been 90% built

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Target Formation - Marcellus Shale, Top - 7684 ft, Bottom - 7773 ft, Anticipated Thickness - 89 ft, Associated Pressure - 0.5 psi/ft

8) Proposed Total Vertical Depth: 7,756.5 ft

9) Formation at Total Vertical Depth: Marcellus Shale

10) Proposed Total Measured Depth: 26,245 ft

11) Proposed Horizontal Leg Length: 18,013 ft

12) Approximate Fresh Water Strata Depths: 20' , 40' , 55' , 110'

13) Method to Determine Fresh Water Depths: Offsetting wells reported water depths (091-00220, 091-00221, 091-00222)

14) Approximate Saltwater Depths: 1,110'

15) Approximate Coal Seam Depths: Harlem-408', Bakerstown-466', Brush Creek-583', Upper Freeport-628', Lower Freeport-690', Upper Kittanning-764', Middle Kittanning-808', Lower Kittanning-835', Clarion-881'

16) Approximate Depth to Possible Void (coal mine, karst, other): None Known

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes \_\_\_\_\_ No None Known

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

4709101373

18)

**CASING AND TUBING PROGRAM**

<b>TYPE</b>	<b>Size (in)</b>	<b>New or Used</b>	<b>Grade</b>	<b>Weight per ft. (lb/ft)</b>	<b>FOOTAGE: For Drilling (ft)</b>	<b>INTERVALS: Left in Well (ft)</b>	<b>CEMENT: Fill-up (Cu. Ft.)/CTS</b>
Conductor	24	New	H-40	102.7	120	120	CTS
Fresh Water	13.375	New	J-55	54.5	300	300	CTS
Coal							
Intermediate	9.625	New	J-55	40	1,500	1,500	CTS
Production	5.5	New	P-110	20	26,245	26,245	TOC @ 1,350
Tubing							
Liners							

Kenneth Greynolds  
Digitally signed by Kenneth Greynolds  
 DN: cn = Kenneth Greynolds, email = Kenneth.L.Greynolds@wv.gov, c = AD G = WV/DEP DU = Oil and Gas  
 Date: 2022.10.19 09:18:32 -0400

<b>TYPE</b>	<b>Size (in)</b>	<b>Wellbore Diameter (in)</b>	<b>Wall Thickness (in)</b>	<b>Burst Pressure (psi)</b>	<b>Anticipated Max. Internal Pressure (psi)</b>	<b>Cement Type</b>	<b>Cement Yield (cu. ft./k)</b>
Conductor	24	36			0	Class A/L 3% CaCl2	1.2
Fresh Water	13.375	17.5	0.38	2,730	900	Class A/L 3% CaCl2	1.2
Coal							
Intermediate	9.625	12.25	0.395	3,950	1,500	Class A/L 3% CaCl2	1.29
Production	5.5	8.5-8.75	0.361	15,920	11,500	Class A/L Poz	1.29/1.34
Tubing					5,000		
Liners					N/A		

**PACKERS**

Kind:				
Sizes:				
Depths Set:				

4709101373

WW-6B  
(10/14)

API NO. 47- 091

OPERATOR WELL NO. 203

Well Pad Name: Fiber TFP22

4709101373

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

The well will be started with a conductor rig drilling a 36" hole to Conductor programmed depth then running 24" casing and circulate cement back to surface. The conductor rig will move out and the drilling rig will move in and rig up. The drilling rig will then spud a 17 1/2" hole and drill to fresh water casing (Surface) to the programmed depth, Run 13- 3/8" casing and cement to surface. The rig will continue drilling a 12- 1/4" intermediate hole to the programmed depth, run 9- 5/8" casing and cement to surface. The rig will then continue to drill an 8- 3/4" hole to a designed KOP. We will then start drilling the curve and lateral section to the programmed total measured depth, run 5 1/2" casing and cement according to the program.

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

The well will be completed using a plug and perforation method and stimulated with a slickwater and sand slurry. The anticipated maximum rate will be 90 bpm and the maximum pressure will be 11,500 psi.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 17.050

22) Area to be disturbed for well pad only, less access road (acres): 5.389

23) Describe centralizer placement for each casing string:

24"- No centralizers 13 3/8" – one bow spring centralizer on every other joint 9 5/8" – one bow spring centralizer every third joint from TD to surface 5 1/2" – one semi rigid centralizer on every joint from TD of casing to end of curve. Then every other joint to KOP. Every third joint from KOP to 1,700'; there will be no centralizers from 1,700' to surface.

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

24" will be circulated to surface. The 13 3/8" casing will be cemented to surface with Class A/L cement and no greater than 3% CaCl (calcium chloride). The 9 5/8" casing will be cemented to surface with Class A/L cement, & no greater than 3% calcium chloride. The 5 1/2" production string will be cemented back to 1,350' (+/- 150' above the casing shoe for the 9 5/8") with Class A/L Poz cement retarded (to extend pumpability) cellophane flaked for fluid loss, Bentonite gel as an extender (increased pumpability and fluid loss), a defoaming agent to decrease cement foaming during mixing to insure the cement is of proper weight to placement and possibly gypsum gas blocking additive to aid in blocking/gas migration (in combination with other additive mentioned here, helps cement achieve a "right angle" set) during the plastic phase of the cement set-up.

25) Proposed borehole conditioning procedures:

Top holes will be drilled with fresh water KOP. At KOP, the wellbore will be loaded with synthetic oil based mud, barite-weighted mud system with such properties as to build a filter-cake on the face of the bore-hole. This will provide lubricity as well as stabilizing the well bore. We will begin rotating the drill string and mud will be circulated upon reaching TD until no further cuttings are observed coming across the shaker screens. Once clean mud is circulated back to surface, we will pull three stands of drill pipe, load the hole, pull three strands and load the hole. The weight indicator on the rig will be monitored for any occurrences of drag and if any are noticed, we will re-run the previous stand of pipe pulled across and circulate 2x bottoms up while watching shakers for signs of cuttings. Once at the base curve, the string will be continuously rotated while pumping 2x bottoms up. We will pull three stands and fill the hole until we reach the vertical section of the well.

\*Note: Attach additional sheets as needed.

4709101373

<b>CEMENT ADDITIVES</b>		
	<b>Name</b>	<b>Purpose</b>
Additive #1:	Bentonite	Helping fluid loss, reducing free water
Additive #2:	Calcium Chloride	Accelerator for low temp application
Additive #3:	Celloflake	Loss circulation additive
Additive #4:	Gypsum	Used for thixotropic properties
Additive #5:	Lignosulfonate	Low temp cement retarder
Additive #6:	Naphthalene Based Dispersant	Used to improve rheological properties of cement
Additive #7:	Cellulose	Help with fluid loss

12/02/2022



4709101373

Other Names:	Fiber 203
Surface Location:	LAT 39.2529109N x Long -80.1471889 W
Bottom Hole Location:	LAT 39.206473N x Long -80.122079W
Directional Plan Vs.	SDI #2
Total Depth (MD)	26,245

County:	Taylor		
State:	WV		
AFE #:	000439	API #:	0
RKB:	26		
Ground Level:	1,333		

Logs	Significant Formations (TVD)	Depth (ft) MD	Depth (ft) TVD	Hole Size	Casing and Cement	Mud	Directional & Surveys Drig /Csg Point
------	------------------------------	---------------	----------------	-----------	-------------------	-----	---------------------------------------

None	Section 1						
None	Section 2	120	120				
Possible CBL after cement job		300	300				
None	Section 3						
		1,500	1,500				

Drive Pipe	
24" 94# H-40 BTC	Vertical
17 1/2" (PDC)	Floc Water
Cement	Class A, 3% CaCl2
Density/Yield/Volume (sx)	15.6 1.2 TBD
TOC	Surface
13 3/8" 54.5# J-55 LTC	Vertical
12 1/4" (PDC)	Floc Water
Cement (Lead/Tail)	Class A, 3% CaCl2 Class A, 3% CaCl2
Density/Yield/Volume (sx)	15.6 1.19 TBD
TOC	Surface
9 5/8" 40# J-55 LTC	Vertical

Wireline: None  
Mudloggers: KOP - TD  
KOP @ 7,031

Mud Data	From	To
Floc Water	120	1500
Floc Water	1500	7,031
11.5- 12.0 ppg SOBM	7,031	26,245

Formation	Depth (Tss)	Top (TVD)	Base (TVD)
Bakerstown Coal	0	0	0
Brush Creek Coal	0	0	0
Upper Freeport Coal	0	0	0
Lower Freeport Coal	0	0	0
Upper Kittanning Coal	0	0	0
Middle Kittanning Coal	0	0	0
Lower Kittanning Coal	0	0	0
Big Lime	0	0	0
Balltown Sandstone	0	0	0
Bradford Sandstone	0	0	0
Benson Sandstone	0	0	0
1st Elk Siltstone	0	0	0
Burkett Shale	0	0	0
Tully Limestone	0	0	0
Mahantango Shale	0	0	0
Marcellus Shale	0	0	0
Purcell Limestone	0	0	0
Lower Marcellus Shale	0	0	0
TARGET	0	0	0
Onondaga Limestone	0	0	0

Bit Data	From	To
17-1/2" & 12 1/4" PDC	120	1,500
8- 3/4" (PDC)	1,500	7,031
8- 1/2" (PDC)	8,177	26,245

Directional Data	
KOP	7,443
Curve	9"/100 ft
	Angle 89.5
	Azi 160
EOB	MD 8177
	TVD 7756

Cement	Production		
Lead	Lead: 50-50 Poz/A		
	13.8	1.33	TBD
Tail	Tail: Class A		
	15	1.3	TBD
TOC	1350		

MD	26,245
TVD	7756
Azimuth	160

5 1/2" 20# P-110HP Weld Tube GBCD



4709101373

west virginia department of environmental protection

Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 926-0450

Harold D. Ward, 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 )  
LEGISLATIVE RULE 35CSR4 ) ORDER NO. 2022-14  
SECTION 11.5 AND LEGISLATIVE RULE )  
35CSR8 SECTION 9.2.h.8., )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well construction.

**FINDINGS OF FACT**

1. On July 14, 2022, Northeast Natural Energy (NNE) submitted a variance request from Legislative Rule 35CSR8 Section 9.2.h.8., for the use of API Class L cement in place of API Class A cement, relating to the construction of horizontal wells.
2. Laboratory analysis submitted by NNE on July 14, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR4 Section 11.5., for the use of API Class L cement in place of API Class A cement, relating to the construction of vertical wells.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

### CONCLUSIONS OF LAW

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

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

### ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well construction subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

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

WW-9  
(4/16)

API Number 47 - 091 - \_\_\_\_\_  
Operator's Well No. Fiber TFP 203

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Arsenal Resources OP Code 494519412

Watershed (HUC 10) Simpson Creek Quadrangle Rosemont

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: \_\_\_\_\_

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? \_\_\_\_\_

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number Various )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: Yes, the closed loop system will contain all of the drilling medium and drill cuttings on location and then be taken to a landfill

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Vertical: Freshwater, Horizontal: Oil based mud

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

Additives to be used in drilling medium? Bentonite, soap & polymer sticks, soda ash, sodium bicarbonate, defoamer, base oil, emulsifiers, lime, barite

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? Meadowfill Landfill/Waste Management, Westmoreland Sanitary Landfill, Apex Landfill

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 *Dave Boyer*

Company Official (Typed Name) Dave Boyer

Company Official Title Director of Geology & Development Planning

Subscribed and sworn before me this 20th day of October, 2022

*Annamarie O'Connor*

Notary Public

My commission expires 3/17/2026

Commonwealth of Pennsylvania - Notary Seal
Annamarie O'Connor, Notary Public
Allegheny County
My commission expires March 17, 2026
Commission number 1013834

12/02/2022

**Arsenal Resources**

Proposed Revegetation Treatment: Acres Disturbed 17.050 Prevegetation pH 6.8 average

Lime 2.67 Tons/acre or to correct to pH 6.4

Fertilizer type 10-20-20

Fertilizer amount 1000 lbs/acre

Mulch 3-4 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	129	Orchard Grass	129
Rye	93	Rye	93
Clover	24	Clover	24
Timothy	45	Timothy	45

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: Kenneth Greynolds

Digitally signed by Kenneth Greynolds  
DN: cn = Kenneth Greynolds, email = Kenneth.L.Greynolds@gov.gov, c = AD O = WDEP OJ = Oil and Gas  
Date: 2022.10.19 08:17:44 -0400

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Field Reviewed? ( ) Yes ( ) No



Diversified

101 MCQUISTON DRIVE  
Jackson Center, Pa 16133

RE: Fiber TFP22 Pad

Dear Sir/Madam,

Arsenal Resources has developed a Marcellus pad, the Fiber TFP22, well #203, located in Taylor County, WV. As an owner or operator of conventional natural gas wells in this area, we are requesting your assistance in this matter.

Due to the apparent presence of unique geological conditions, the potential for communication between deep geologic zones exists in this area. This potential communication, via natural gas, water, or both, may occur between hydraulically fractured wells in the Marcellus formation (approximately 7,800 TVD) and existing conventional natural gas wells included in the attached well list for which you are believed to be the operator.

Arsenal Resources anticipates conducting hydraulic fracturing at the Fiber TFP22 Pad, well #203, during the 2nd Quarter of 2024. We have identified conventional natural gas wells operated by your company within 500' (lateral distance) of our newly planned wells. Plats for each well on this pad are attached.

We recommend that conventional well operators conduct the following activities before, during and after fracturing operations:

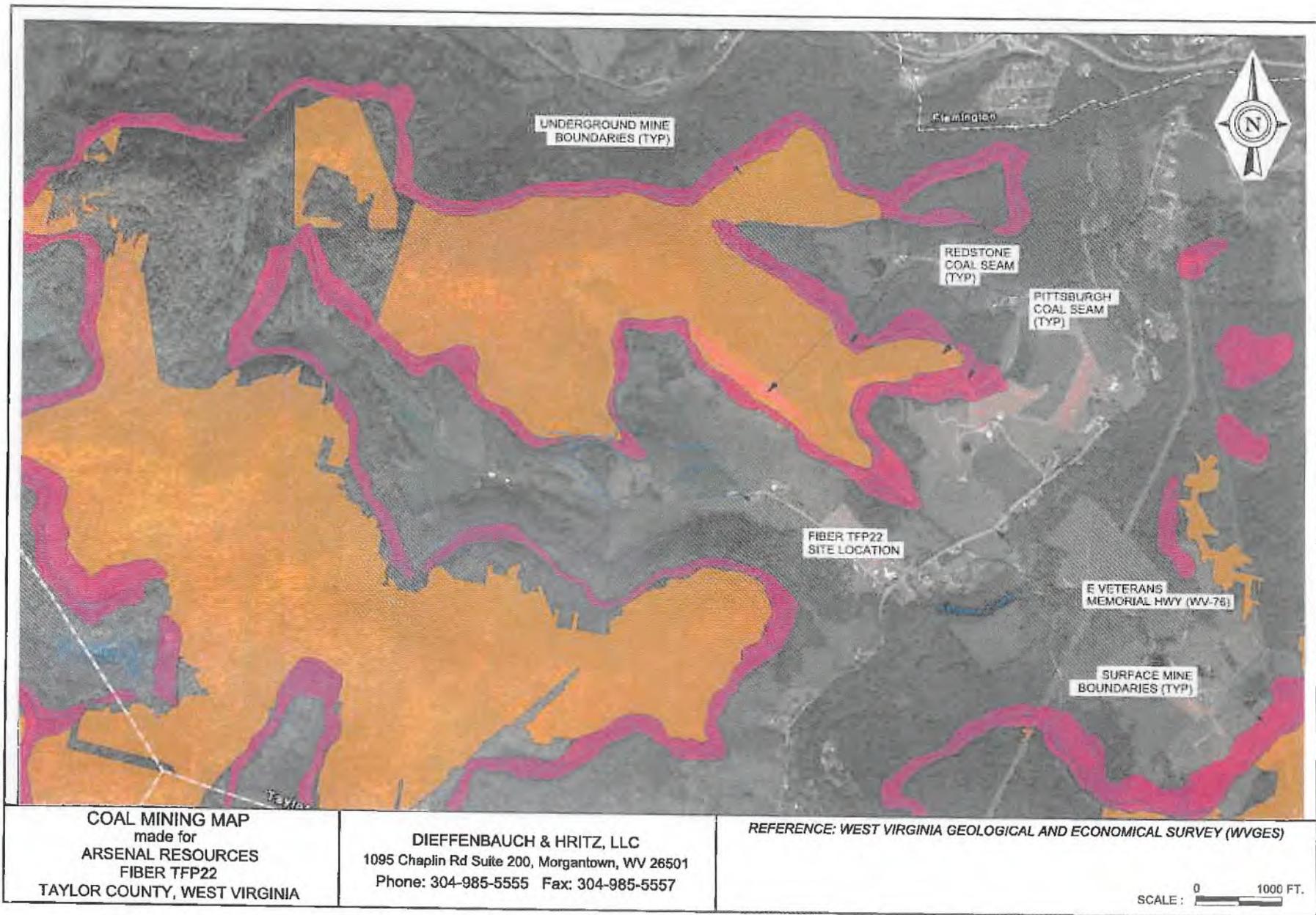
1. Inspect surface equipment, prior to fracturing, to establish integrity and establish well conditions.
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas, or pressure.
3. Inspect or install master valves rated to 3,000 psi or other necessary equipment for wellhead integrity.
4. Notify the OOG and Arsenal Resources if any changes in water, gas production, pressure or other anomalies are identified.

Please feel free to contact me at 724-940-1137 with any questions or comments. You may also contact the WV Office of Oil and Gas at 304-926-0499.

Sincerely,

A handwritten signature in black ink that reads 'RSchweitzer'.

Ross Schweitzer  
Sr. Director of Permitting







## **Purpose**

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near Arsenal Resources hydraulic fracturing in Taylor County, WV prior to hydraulic fracturing at the Fiber TFP22 Pad, well #203.

Due to the apparent presence of unique geological conditions, the potential for communication between deep geologic zones exists in this area. This potential communication, via natural gas, water, or both, may occur between hydraulically fractured wells in the Marcellus formation (approximately 7,800' TVD) and existing conventional natural gas wells in the partially-depleted, relatively high permeability Benson formations (approximately 4,800' TVD).

The plan is being implemented as an additional safety measure to be utilized in conjunction with best management practices and emergency action plans for this site. These additional measures include pre-notification of conventional well operators of the timing and location of the hydraulic fracturing, establishment of measures conventional well operators should implement, and assurance that the Division of Oil and Gas is notified of the timeline, as well as any issues that may arise during fracturing.

### **1. Communications with Conventional Operators.**

Arsenal Resources, using available data (WV Geological Survey, WVDEP Website, and IHS data service), has identified all known conventional wells and well operators within 500 feet of this pad and the lateral sections. A map showing these wells along with a list of the wells and operators is included in Attachment A.

Upon approval of this plan, Arsenal Resources will notify these operators, via letter, of the hydraulic fracturing schedule for these wells. A copy of this letter is included in Attachment B.

The letter provides recommendations to these conventional operators to 1) increase their monitoring of their wells during that time period, 2) ensure that their well head equipment is sound, and 3) provide immediate notification to Arsenal Resources and the OOG in the event of any changes in their well conditions.

Specifically, the letter recommends that conventional well operators conduct the following activities during and after fracturing operations:

1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions.
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure.
3. Inspect or install master valves rated to 3,000 psi or other necessary equipment for wellhead integrity.
4. Notify the OOG and ARSENAL RESOURCES if any changes in water, gas production, pressure or other anomalies are identified.



## 2. Reporting

Arsenal Resources will provide information relating to the hydraulic fracturing schedule, communication with conventional operators, and ongoing monitoring of the work upon request of OOG or immediately after any event of any noted abnormalities.



SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 12' 30" (NAD27)

11,014' -6,437'

Latitude: (NAD27)

(NAD83-WVN) US SURVEY FT.

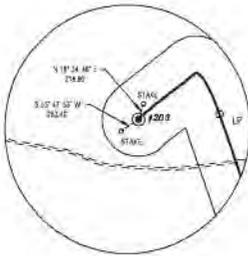
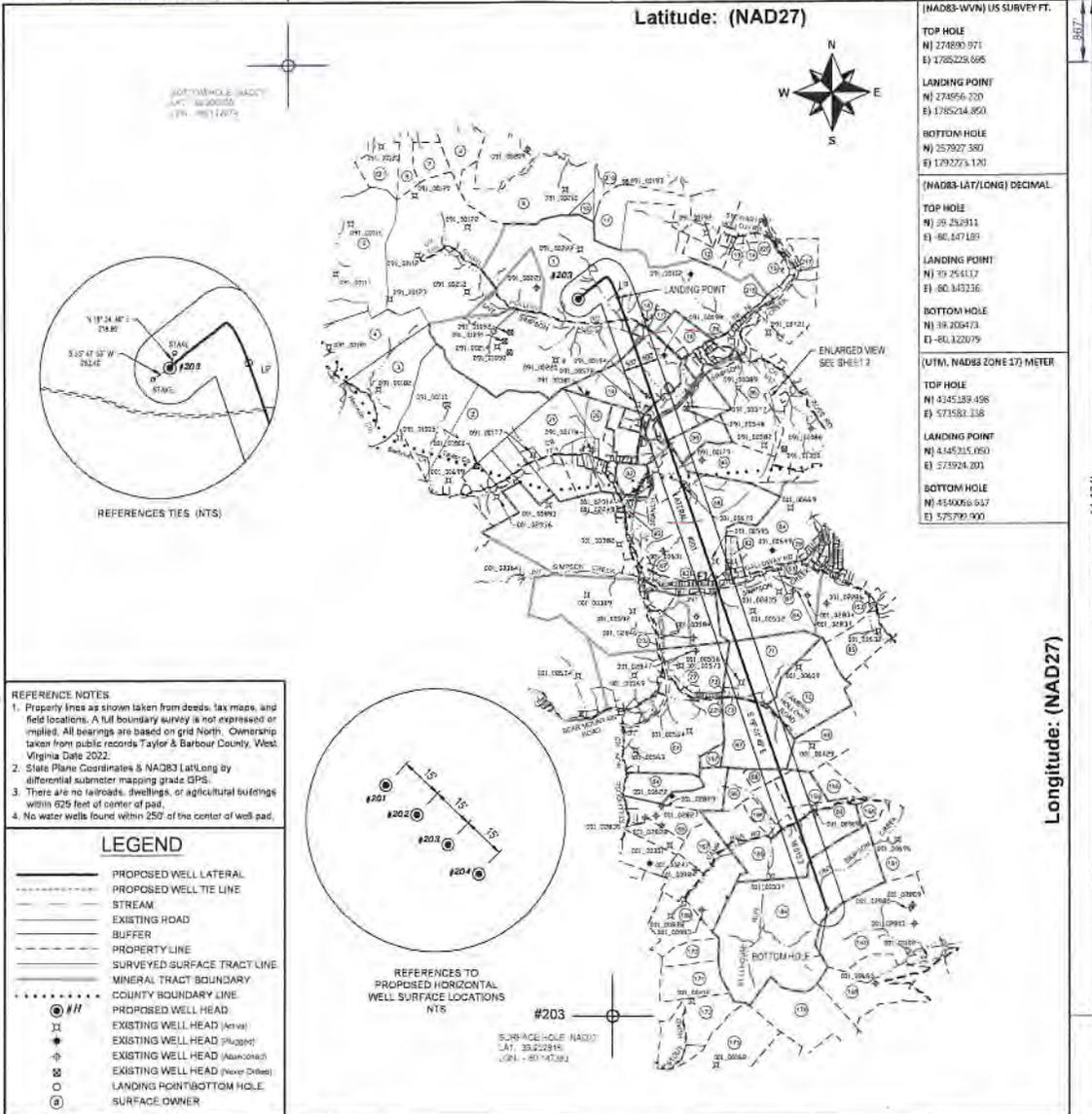
TOP HOLE  
 N) 274890.971  
 E) 1785225.665  
 LANDING POINT  
 N) 274956.720  
 E) 1785234.850  
 BOTTOM HOLE  
 N) 257907.580  
 E) 1792273.120

(NAD83-LAT/LONG) DECIMAL

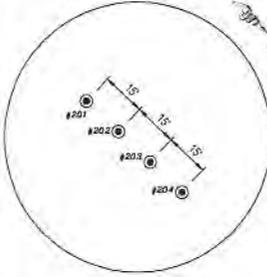
TOP HOLE  
 N) 25.25311  
 E) -80.847189  
 LANDING POINT  
 N) 25.25417  
 E) -80.843236  
 BOTTOM HOLE  
 N) 24.203473  
 E) -80.822079

(UTM, NAD83 ZONE 17) METER

TOP HOLE  
 N) 4345189.498  
 E) 573581.138  
 LANDING POINT  
 N) 4345215.050  
 E) 573924.203  
 BOTTOM HOLE  
 N) 4340060.937  
 E) 575799.000



REFERENCES TIES (NTS)



REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS NTS

REFERENCE NOTES  
 1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.  
 2. State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.  
 3. There are no lawns, dwellings, or agricultural buildings within 625 feet of center of pad.  
 4. No water wells found within 250' of the center of well pad.

LEGEND

- PROPOSED WELL LATERAL
- - - PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- - - PROPERTY LINE
- - - SURVEYED SURFACE TRACT LINE
- - - MINERAL TRACT BOUNDARY
- - - COUNTY BOUNDARY LINE
- #H PROPOSED WELL HEAD
- EXISTING WELL HEAD (Active)
- EXISTING WELL HEAD (Plugged)
- EXISTING WELL HEAD (Abandoned)
- EXISTING WELL HEAD (never Drilled)
- LANDING POINT/BOTTOM HOLE
- SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 1 of 3  
 SCALE: 1" = 4000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.  
 Signed: *Herbert L. Parsons, III* 10/20/2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WWDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 20, 2022  
 FIBER TFP22  
 OPERATOR'S WELL #: # 203  
 API WELL #: 47 091  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1  
 ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

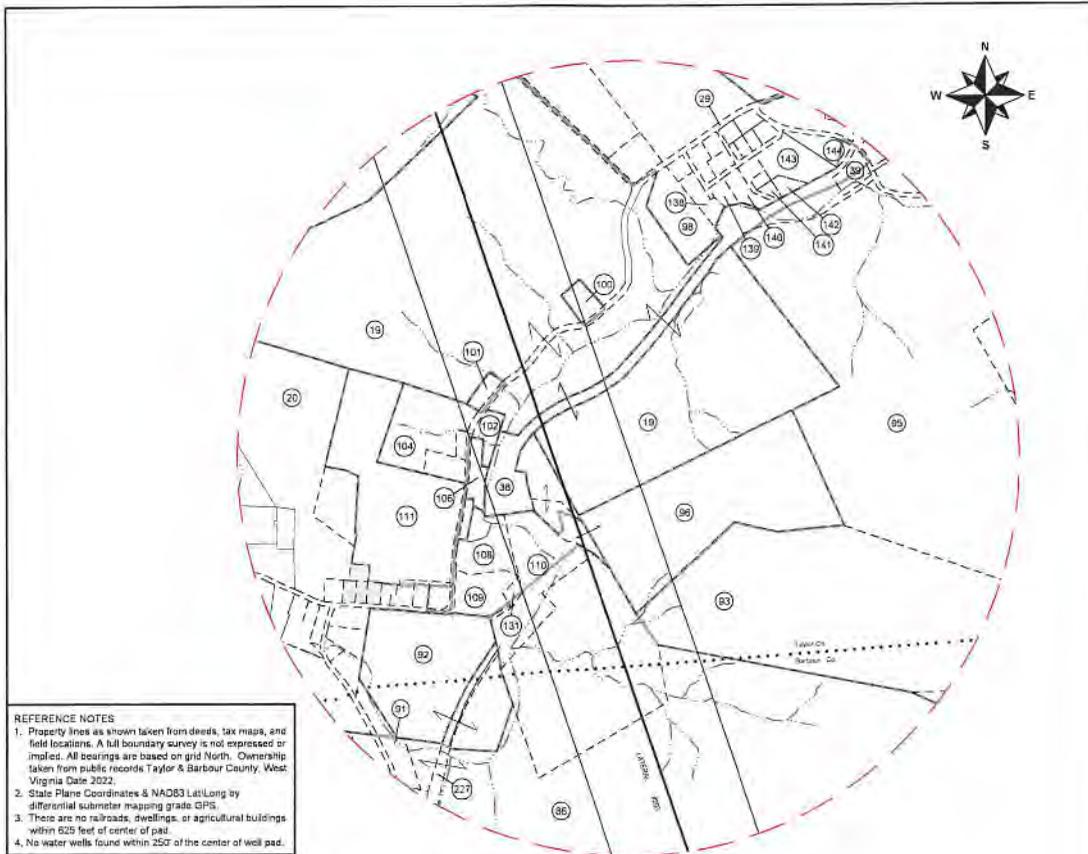
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_  
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,756.5' TMD: 26,244.8'

WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090  
 DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

BOTTOM HOLE SURVEYED 80° 05' 00" (NAD27)  
 SURFACE HOLE SURVEYED 80° 07' 30" (NAD27)

Longitude: (NAD27)

12/02/2022



**REFERENCE NOTES**

1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.
2. State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
3. There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
4. No water wells found within 250' of the center of well pad.

**LEGEND**

	PROPOSED WELL LATERAL
	PROPOSED WELL TIE LINE
	STREAM
	EXISTING ROAD
	BUFFER
	PROPERTY LINE
	SURVEYED SURFACE TRACT LINE
	MINERAL TRACT BOUNDARY
	COUNTY BOUNDARY LINE
	PROPOSED WELL HEAD
	EXISTING WELL HEAD (Active)
	EXISTING WELL HEAD (Plugged)
	EXISTING WELL HEAD (Abandoned)
	EXISTING WELL HEAD (New Drilled)
	LANDING POINT/BOTTOM HOLE
	SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 2 of 3  
 SCALE: 1" = 1000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.

Signed:   
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

TARGET FORMATION: MARCELLUS

WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090



DATE: OCTOBER 20, 2022  
 OPERATOR'S WELL #: FIBER TFP22 # 203  
 API WELL #: 47 091  
 STATE COUNTY PERMIT

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

ESTIMATED DEPTH: TVD: 7,903.5' TMD: 26,244.8'

DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

12/02/2022

SURFACE PARCEL OWNER INFORMATION			ADJOINER PARCEL OWNER INFORMATION				
ID#	DEP#	PARCEL NUMBER	OWNER NAME	ID#	DEP#	PARCEL NUMBER	OWNER NAME
1	091	46-04-0011-0001-0000	FIBER CLARENCE & CONSTATCE IRRREVOCABLE TRUST	5	033	17-15-0331-0027-0000	JOHNSON RENEE
19	091	46-04-0011-0017-0003	SIMPSON JOHN F	4	033	17-15-0331-0012-0000	GOSTREEM LLC
38	091	46-04-0011-0029-0000	SIMPSON JOHN	3	033	17-15-0331-0014-0000	GOSTREEM LLC
96	091	46-04-0011-0013-0000	RIFLE, SERAUL L & LINDA SUE & SURV	6	091	46-04-0008-0023-0000	GRIPPIN JAMES S & ELAINE M & SURV
110	091	46-04-0011-0025-0000	CSX TRANSPORTATION INC	7	091	46-04-0008-0023-0000	GRAY RAHALL & RITA
03	091	46-04-0011-0029-0000	BECKWITH LUMBER COMPANY	6	091	46-04-0008-0023-0000	MARKS BETTY P
96	001	01-09-0008-0017-0002	WJ FONG DENVER S JR	9	091	46-04-0008-0029-0000	COALQUEST DEVELOPMENT LLC
42	001	PLAN OF LOTS	GALLOWAY SUBDIVISION	10	091	46-04-0008-0029-0000	BODSNER PATRICK B ETAL ROBERT C & CLINTON D & SURV
84	001	01-09-0008-0001-0000	BECKWITH LUMBER CO INC	11	091	46-04-0008-0061-0000	SIMMONS HUNTER
71	001	01-09-0012-0009-0000	BECKWITH LUMBER CO INC	12	091	46-04-0008-0063-0000	PRATT JANICE CHARLENE MOORE & CURTIS & DAVID STEWART
87	001	01-09-0012-0008-0000	GOFF ROBERT H III & TRINA M HWS	13	091	46-04-0008-0064-0000	PRATT JANICE CHARLENE MOORE & CURTIS & DAVID STEWART
98	001	01-09-0012-0009-0000	MCCAULEY RONALD D	14	091	46-04-0008-0060-0001	SNIEL FRANCES E
159	001	01-09-0012-0009-0000	MORGAN DELORES SUE & PATTY JEAN (DUFFIN)	15	091	46-04-0008-0067-0001	CROSS DAVID & CATHY & SURV
69	001	01-09-0012-0009-0001	TRIPLE LAND & MINERALS	16	091	46-04-0011-0010-0000	SALTS STEVEN A & NICOLE J & SURV
195	001	01-09-0012-0009-0000	MCCAULEY RONALD D	17	091	46-04-0011-0017-0000	GRONAU JOHN R & KATHY N & SURV
164	001	01-09-0023-0008-0000	YODCO WILLIAM FRANK LIE THEN WILLIAM M & SAMUEL D YODCO	18	091	46-04-0011-0001-0001	ANDERSON DANIEL & KAREN J & SURV
				20	091	46-04-0011-0009-0000	WATKINS DOUGLAS R & ANJIA M & SURV
				21	091	46-04-0011-0005-0000	BECKWITH LUMBER COMPANY
				29			RIGHT OF WAY
				39	091	46-04-0011-0021-0000	FOGUS SUREN MARIE
				92	091	46-04-0011-0011-0000	SMITH JOHN V & GARY M BROWN JR & SURV
				95	091	46-04-0011-0024-0000	DURN ROSS A
				98	091	46-04-0011-0017-0000	MCKANEY THOMAS R JR & LINDA L
				100	091	46-04-0011-0017-0001	SIMPSON JOHN E
				101	091	46-04-011A-0002-0000	GAINES GROVER L
				102	091	46-04-011A-0003-0000	RAUTRA RYAN C
				104	091	46-04-011A-0001-0000	WESTFALL ERIC & KEVIN R TERPINSOCK & SURV
				105	091	46-04-011A-0004-0000	GASTO BRANNE EUGENE
				108	091	46-04-0011-0011-0001	COSTELLO RAYMOND GARY (RTO INT) & ETAL (RTO INT) EACH
				109	091	46-04-0011-0011-0002	COSTELLO RAYMOND GARY
				111	091	46-04-0011-0010-0000	JENKINS THOMAS & KERRY & SURV
				131	091	46-04-0011-0012-0000	SALTS STEVE JR & AMY R & SURV
				136	091	46-04-011B-0011-0000	MCDONN SAMMUEL EUGENE & MARGARET A & SURV
				139	091	46-04-011B-0013-0000	GUTHRIE CANDICE
				140	091	46-04-011B-0013-0000	SALTS STEVEN A & NICOLE J & SURV
				141	091	46-04-011B-0014-0000	GAINES BRENDIA M
				142	091	46-04-011B-0016-0001	GAINES BRENDIA M
				143	091	46-04-011B-0015-0000	RETROFF JOSEPH JOHN
				144	091	46-04-0011-0002-0000	LAYS DONALD S
				215	091	46-04-0009-0007-0000	BRAKE WILLIAM C & CRYSTAL R & SURV
				217	091	46-04-0009-0005-0000	PITTHOY LYNN & PATRICIA LYNN & SURV
				219	091	46-04-0008-0060-0000	BODSNER PATRICK B & ROBERT C & CLINTON D & SURV
				221	091	46-04-0008-0001-0000	WILLARD CHARLES G
				3	091	01-09-0009-0002-0000	STEWART FARM LLC
				53	091	01-09-0008-0001-0002	COLLINS RONALD & JUDY
				81	091	01-09-0012-0010-0000	VLKOVICH ROBERT K & SHEILA MARIE VLKOVICH & CAROL A SPEAR
				84	091	01-09-0012-0001-0000	BECKWITH LUMBER CO
				85	091	01-09-0012-0002-0001	TRIPLE LAND & MINERALS
				89	091	01-09-0013-0003-0000	MCDONN BRENT GLEN
				70	091	01-09-0013-0001-0000	BECKWITH LUMBER CO INC
				72	091	01-09-0012-0007-0001	SMNK JEANNETTE REBECCA
				73	091	01-09-0012-0007-0002	SMNK JEANNETTE REBECCA
				74	091	01-09-0012-0007-0000	ZDANVICH BROOK D
				83	091	01-09-000A-0017-0000	CLEAVENKIER DEME BERY
				89	091	01-09-0013-0002-0000	BECKWITH LUMBER COMPANY INC
				97	091	01-09-0009-0014-0000	SALTS STEVE JR & AMY R WMS
				90	091	01-09-0009-0010-0000	SALTS STEVE & WYFLA HWS
				91	091	01-09-0009-0005-0000	SPENDER GARY L & SUSAN CHRISTIAN
				97	091	01-09-0008-0001-0001	SPENDER GREGORY L & SANDRA RELMOND
				153	091	01-09-0008-0003-0000	BECKWITH LUMBER CO INC
				155	091	01-09-0013-0004-0000	WENTZ BRIAN L & REBECCA J
				157	091	01-09-0013-0005-0000	MCCAULEY RONALD D
				159	091	01-09-0013-0007-0000	JACOBS WILLIAM E JR & SHIRLEY LUE WMS & JR ORRERY & DONNA JACOBS
				161	091	01-09-0013-0005-0000	JACOBS WILLIAM E JR & GERRY L
				163	091	01-09-0011-0001-0000	WOLFE G BRENT
				166	091	01-09-0012-0007-0000	ORDER SHIRLEY Y
				167	091	01-09-0012-0004-0001	MYER JOHN & REBECCA HWS
				169	091	01-09-0012-0007-0000	WARE SHIRLEY LYNN TRUST
				170	091	01-04-0003-0021-0000	BURNER GARNET HRS DYO BEVERLY JFCFC
				171	091	01-04-0003-0023-0000	LEACH BENJAMIN CHLOE TORIA BOOREED DAKOTA & CHARLTON EDWARD
				172	091	01-04-0003-0023-0000	WENTZ BRIAN L & REBECCA J WMS
				173	091	01-04-0003-0025-0000	WENTZ BRIAN L & REBECCA J WMS
				176	091	01-04-0004-0001-0000	WENTZ BRIAN L & REBECCA J WMS
				181	091	01-09-0021-0002-0000	BLANKENSHIP BOB & ELIZABETH HWS
				202	091	01-09-0009-0004-0000	CSX TRANSPORTATION INC TAC DEPT C-610
				227	091	01-09-0009-0003-0000	CSX TRANSPORTATION INC

**REFERENCE NOTES**

- Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Boone County, West Virginia Date: 2022.
- State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

**LEGEND**

—————	PROPOSED WELL LATERAL
-----	PROPOSED WELL TIE LINE
~~~~~	STREAM
—————	EXISTING ROAD
-----	BUFFER
-----	PROPERTY LINE
-----	SURVEYED SURFACE TRACT LINE
-----	MINERAL TRACT BOUNDARY
-----	COUNTY BOUNDARY LINE
●	PROPOSED WELL HEAD
⊙	EXISTING WELL HEAD (Active)
⊙	EXISTING WELL HEAD (Plugged)
⊙	EXISTING WELL HEAD (Abandoned)
⊙	EXISTING WELL HEAD (Water Drained)
○	LANDING POINT/BOTTOM HOLE
⊙	SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 3 of 3  
 SCALE: NO SCALE  
 TICK SCALE: 1" = 200'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.

Signed: Herbert L. Parsons, III 12/20/2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WWPED  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 20, 2022  
 FIBER TFP22  
 OPERATOR'S WELL #: # 203

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

API WELL #: 47 091  
 STATE COUNTY PERMIT  
 ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_  
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,756.5' TMD: 26,244.8'  
 WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300 ADDRESS: 633 MAIN STREET  
 CITY: WEXFORD STATE: PA ZIP: 15090 CITY: BRIDGEPORT STATE: WV ZIP: 26330

12/02/2022

SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 12' 30" (NAD27)

11,014' 6.437'

Latitude: (NAD27)

[NAD83-WVN] US SURVEY FT.

TOP HOLE  
 N) 274930.971  
 E) 1785229.695

LANDING POINT  
 N) 274936.220  
 E) 1785214.850

BOTTOM HOLE  
 N) 257927.380  
 E) 1792223.120

[NAD83-LAT/LONG] DECIMAL

TOP HOLE  
 N) 39.252913  
 E) -80.187189

LANDING POINT  
 N) 39.253112  
 E) -80.187236

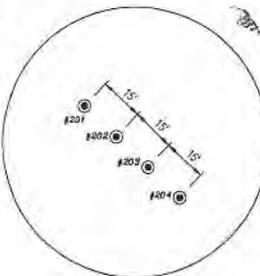
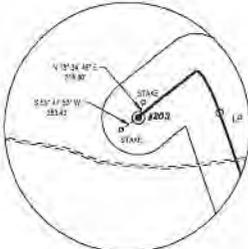
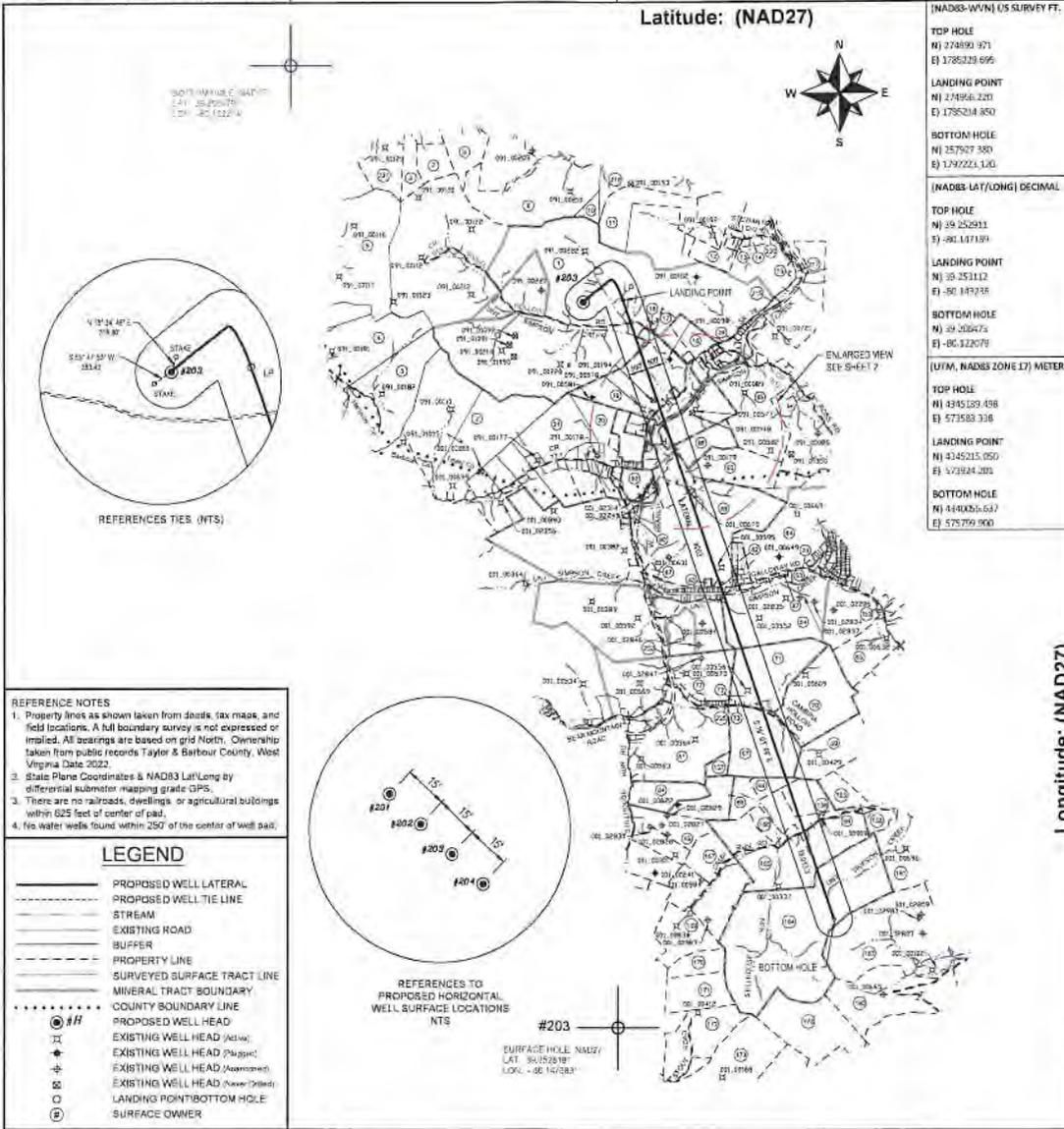
BOTTOM HOLE  
 N) 39.250675  
 E) -80.322078

[UTM, NAD83 ZONE 17] METER

TOP HOLE  
 N) 4345133.458  
 E) 573583.338

LANDING POINT  
 N) 4145215.050  
 E) 573924.302

BOTTOM HOLE  
 N) 4440316.637  
 E) 575759.900



REFERENCE NOTES

1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.
2. State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade 3/25.
3. There are no railroads, dwellings or agricultural buildings within 625 feet of center of pad.
4. No water wells found within 250' of the center of well pad.

**LEGEND**

—	PROPOSED WELL LATERAL
- - -	PROPOSED WELL TIE LINE
~~~~~	STREAM
=====	EXISTING ROAD
=====	BUFFER
- - - - -	PROPERTY LINE
-----	SURVEYED SURFACE TRACT LINE
-----	MINERAL TRACT BOUNDARY
-----	COUNTY BOUNDARY LINE
.....	PROPOSED WELL HEAD
⊙	EXISTING WELL HEAD (Not used)
⊙	EXISTING WELL HEAD (Proposed)
⊙	EXISTING WELL HEAD (Approved)
⊙	EXISTING WELL HEAD (Owner's Well)
⊙	LANDING POINT/BOTTOM HOLE
⊙	SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 1 of 3  
 SCALE: 1" = 4000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.

Signed: *Herbert L. Parsons, III* 10/20/2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

TARGET FORMATION: MARCELLUS

WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090

DATE: OCTOBER 20, 2022

OPERATOR'S WELL #: FIBER TFP22 # 203

API WELL #: 47 091  
 STATE COUNTY PERMIT

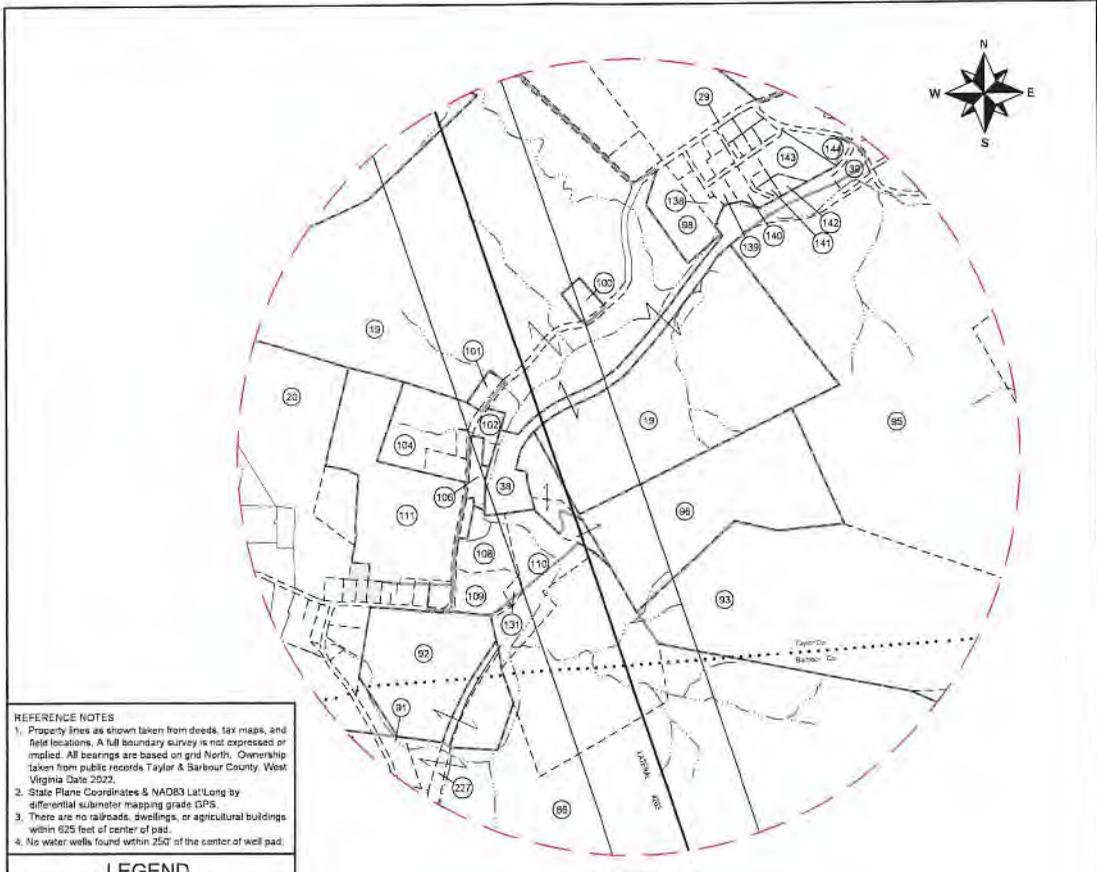
ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

ESTIMATED DEPTH: TVD: 7,756.5' TMD: 26,244.8'

DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

12/02/2022

BOTTOM HOLE SURVEYED 80° 05' 00" (NAD27)  
 SURFACE HOLE SURVEYED 80° 07' 30" (NAD27)



- REFERENCE NOTES**
1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.
  2. State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
  3. There are no railroads, swellings, or agricultural buildings within 625 feet of center of pad.
  4. No water wells found within 250' of the center of well pad.

**LEGEND**

—————	PROPOSED WELL LATERAL
-----	PROPOSED WELL TIE LINE
~~~~~	STREAM
=====	EXISTING ROAD
-----	BUFFER
-----	PROPERTY LINE
-----	SURVEYED SURFACE TRACT LINE
-----	MINERAL TRACT BOUNDARY
-----	COUNTY BOUNDARY LINE
●	PROPOSED WELL HEAD
⊕	EXISTING WELL HEAD (Active)
⊕	EXISTING WELL HEAD (Plugged)
⊕	EXISTING WELL HEAD (Abandoned)
⊕	EXISTING WELL HEAD (Never Drilled)
○	LANDING POINT/BOTTOM HOLE
Ⓜ	SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 2 of 3  
 SCALE: 1" = 1000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.

Signed: Herbert L. Parsons, III 10/20/2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 20, 2022  
 FIBER TFP22  
 OPERATOR'S WELL #: # 203  
 API WELL #: 47 091  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_  
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,903.5' TMD: 26,244.8'

WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300 ADDRESS: 633 MAIN STREET  
 CITY: WEXFORD STATE: PA ZIP: 15090 CITY: BRIDGEPORT STATE: WV ZIP: 26330

12/02/2022

SURFACE PARCEL OWNER INFORMATION				ADJONER PARCEL OWNER INFORMATION			
ID#	DEPW#	PARCEL NUMBER	OWNER NAME	ID#	DEPW#	PARCEL NUMBER	OWNER NAME
1	081	46-04-0011-0001-0000	FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST	5	033	17-15-0331-0027-0000	JOHNSON REBECE
19	091	46-04-0011-0017-0003	SIMPSON JOHN E	4	033	17-15-0331-0012-0000	GOSFREAM LLC
30	091	46-04-0011-0029-0000	SIMPSON JOHN	3	032	17-15-0331-0013-0000	GOSFREAM LLC
56	091	46-04-0011-0015-0003	REFLE, ERALDI & LINDA SUE & SURV	6	091	46-04-0008-0024-0000	GRIFFIN JAMES S & ELAINE M & SURV
110	091	46-04-0011-0028-0000	CSX TRANSPORTATION INC	7	091	46-04-0008-0023-0000	ORAY RANDALL & RITA
03	091	46-04-0011-0025-0000	BECKWITH LUMBER COMPANY	8	091	46-04-0008-0035-0000	MARIS BETTY P
85	001	01-09-0003-0017-0002	WILFONG DENVER S JR	9	091	46-04-0008-0029-0000	COA JUST DEVELOPMENT LLC
86	001	01-09-0012-0009-0000	GALLOWAY BURDIVISION	10	091	46-04-0008-0105-0000	BUSSER PATRICK B ETAL ROBERT C & CLINTON D & SURV
54	001	01-09-0008-0001-0000	BECKWITH LUMBER CO INC	11	091	46-04-0008-0024-0000	SMITHSON HANFERT
71	001	01-09-0012-0009-0000	BECKWITH LUMBER CO INC	12	091	46-04-0008-0025-0000	PRATT JANCE & CHARLENE MOORE & CURTIS & DAVID STEWART
07	001	01-09-0012-0008-0000	GOTT ROBERT H III & TILA M HAYS	13	091	46-04-0008-0084-0000	PRATT JANCE & CHARLENE MOORE & CURTIS & DAVID STEWART
89	001	01-09-0012-0009-0000	MCCALLUEY RONALD D	14	091	46-04-0008-0020-0001	SINEL FRANCES E
350	001	01-09-0012-0005-0000	MORSHAN DELORES SUE & PATTY JEAN OUFFIELD	15	091	46-04-0008-0037-0001	GRISB DAVID & CATHY & SURV
161	001	01-09-0012-0009-0001	TRIPLE LANDS MINERALS	16	091	46-04-0011-0019-0000	SALTS STEVEN A & NICOLE J & SURV
165	001	01-09-0012-0009-0000	MCCALLUEY RONALD D	17	091	46-04-0011-0017-0000	GRONAU JOHN R & KATHY N & SURV
168	001	01-09-0022-0009-0000	YOCOG WILLIAM FRANK I/E THEN WILLIAM M & SAMUEL D YOCOG	18	091	46-04-0011-0001-0001	ANDERSON DANIEL & KAREN S & SURV
				20	091	46-04-0011-0009-0000	WATKINS DOUGLAS R & ANNA M & SURV
				21	091	46-04-0011-0005-0000	BECKWITH LUMBER COMPANY
				29		RIGHT CORNER	STATE ROUTE 78
				39	091	46-04-0011-0021-0000	FOGUS SUSAN MARIE
				52	091	46-04-0011-0011-0000	SMITH JOHN V & CARY M BROWN JR & SURV
				56	091	46-04-0011-0024-0000	DUMY ROSS A
				98	091	46-04-0011-0017-0000	MCKINLEY THOMAS R JR & LINDA L
				100	091	46-04-0011-0012-0001	SIMPSON JOHN E
				101	091	46-04-011A-0002-0000	GAINES GROVER L
				102	091	46-04-011A-0003-0000	FACTKA RYAN C
				104	091	46-04-011A-0001-0000	WESTFALL ERIC & KEVIN R TERPHABOCK & SURV
				106	091	46-04-0011-0004-0000	CASIO GAYNE EUGENE
				108	091	46-04-0011-0011-0001	COSTELLO RAYMOND GARY (SHO INT) & ETAL (100 INT EACH)
				109	091	46-04-0011-0011-0002	COSTELLO RAYMOND GARY
				111	091	46-04-0011-0010-0000	JENNINS THOMAS & KARRY S SURV
				131	091	46-04-0011-0013-0000	SALTS STEVE JR & AMY R & SURV
				135	091	46-04-0011-0012-0000	MCCLOY SAMUEL F & P MCCLOY & JESSICA ANN BOLDYARD SURV
				150	091	46-04-011B-0012-0000	CULTRICE CANDICE
				140	091	46-04-011B-0013-0000	SALTS STEVEN A & NICOLE & SURV
				141	091	46-04-011B-0014-0003	GAINES BRENDA M
				142	091	46-04-011B-0015-0001	GAINES BRENDA M
				143	091	46-04-011B-0015-0000	PETROFF JOSEPH JOHN
				144	091	46-04-0011-0002-0000	HAYS DONALD S
				215	091	46-04-0009-0007-0000	BRAKE WILLIAM C & CRYSTAL R & SURV
				317	091	46-04-0009-0005-0000	PRITT HOY LYNN & PATRICIA LYNN & SURV
				319	091	46-04-0009-0004-0000	BUSSEY PATRICK B & ROBERT C & CLINTON D & SURV
				221	091	46-04-0009-0021-0000	MILLARD CHARLIE G
				2	091	01-09-0009-0002-0000	STEWART FARM LLC
				58	091	01-09-0009-0001-0000	OCLINKS RONALD & JUDY
				61	091	01-09-0012-0010-0000	VLKOVICH ROBERT K & SHEILA MARE VLKOVICH & GAROLA SPESH
				04	091	01-09-0012-0011-0000	BECKWITH LUMBER CO
				105	091	01-09-0012-0012-0001	TRIPLE LANDS MINERALS
				89	091	01-09-0015-0003-0000	MORROW BRENT GLEN
				10	091	01-09-0015-0001-0000	BECKWITH LUMBER CO INC
				72	091	01-09-0015-0007-0001	SMINK JEANNETTE REBECCA
				73	091	01-09-0015-0007-0002	SMINK JEANNETTE REBECCA
				74	091	01-09-0015-0007-0000	ZARASCH FRANK D
				63	091	01-09-0004-0017-0000	CLEAVENGER CEME BERTY
				69	091	01-09-0015-0002-0000	BECKWITH LUMBER COMPANY INC
				67	091	01-09-0004-0014-0000	SALTS STEVE JR & AMY R & SURV
				90	091	01-09-0009-0010-0000	SALTS STEVE & WYLLA HAYS
				91	091	01-09-0009-0009-0000	FRID GARY L & SUSAN KRISTINA
				97	091	01-09-0008-0001-0001	SPENCER GREGORY L & SANDRA R ELMOND
				153	091	01-09-0008-0003-0000	BECKWITH LUMBER CO INC
				155	091	01-09-0015-0004-0000	WENTZ BRAN L & REBECCA J
				157	091	01-09-0009-0004-0000	MCCALLUEY RONALD D
				159	091	01-09-0015-0007-0000	JACOBS WILLIAM SR & SHIRLEY L/E WILLIAM E JR GERRY & CONNIE JACOB
				161	091	01-09-0015-0009-0000	JACOBS WILLIAM E JR & GERRY L
				163	091	01-09-0015-0001-0000	WOLFE G BREYF
				166	091	01-09-0015-0007-0000	CORDER SHIRLEY Y
				167	091	01-09-0012-0004-0001	MYER JOHN & REBECCA HAYS
				169	091	01-09-0015-0007-0000	WYRE SHIRLEY LYNN TRUST
				170	091	01-04-0005-0021-0000	BURNER GARNET HRS C/O BEVERLY J JOE
				171	091	01-04-0005-0022-0000	LEACH BENJAMIN CHLOE TOSHA BOORED DAKOTA & HARTON EDWARD
				172	091	01-04-0008-0003-0000	WENTZ BRAN L & REBECCA J WIS
				173	091	01-04-0008-0005-0000	WENTZ BRAN L & REBECCA J WIS
				178	091	01-04-0004-0001-0000	WENTZ BRAN L & REBECCA J WIS
				180	091	01-09-0021-0003-0000	BLANKENSHIP BOB & ELIZABETH HAYS
				202	091	01-09-0009-0002-0000	CSX TRANSPORTATION INC TAX DEPT C-610
				227	091	01-09-0009-0003-0000	CSX TRANSPORTATION INC

**REFERENCE NOTES**

- Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.
- State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

**LEGEND**

-----	PROPOSED WELL LATERAL
-----	PROPOSED WELL TIE LINE
-----	STREAM
-----	EXISTING ROAD
-----	BUFFER
-----	PROPERTY LINE
-----	SURVEYED SURFACE TRACT LINE
-----	MINERAL TRACT BOUNDARY
-----	COUNTY BOUNDARY LINE
●	PROPOSED WELL HEAD
⊕	EXISTING WELL HEAD (Active)
⊕	EXISTING WELL HEAD (Plugged)
⊕	EXISTING WELL HEAD (Abandoned)
⊕	EXISTING WELL HEAD (Never Drilled)
○	LANDING POINT/BOTTOM HOLE
○	SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 3 of 3  
 SCALE: NO SCALE  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.

Signed: *Herbert L. Parsons, III* 12/20/2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

TARGET FORMATION: MARCELLUS

WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090

DATE: OCTOBER 20, 2022

FIBER TFP22  
 OPERATOR'S WELL #: # 203

API WELL #: 47 091  
 STATE COUNTY PERMIT

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

ESTIMATED DEPTH: TVD: 7,756.5' TMD: 26,244.8'

DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

12/02/2022

4709101373



**ARSENAL**  
R E S O U R C E S

## **SITE SAFETY PLAN**

**FIBER TFP22 PAD, WELL #203**

**911 Address:**

**1232 Sinsel Hollow Rd  
Flemington, WV 26347**

**Kenneth Greynolds**

Digitally signed by Kenneth Greynolds  
DN: CN = Kenneth Greynolds email = Kenneth.L.  
Greynolds@wv.gov C = AD O = WVDEP OU = Oil and Gas  
Date: 2022.10.19 09:19:18 -0400

SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 12' 30" (NAD27)

11,014' 6,437'

Latitude: (NAD27)

(NAD83-WVN) US SURVEY FT.

TOP HOLE  
 N) 274890.971  
 E) 1785229.695  
 LANDING POINT  
 N) 274956.220  
 E) 1785214.850  
 BOTTOM HOLE  
 N) 257927.380  
 E) 1792224.120

(NAD83-LAT/LONG) DECIMAL

TOP HOLE  
 N) 39.252911  
 E) -80.147389  
 LANDING POINT  
 N) 39.253112  
 E) -80.143736  
 BOTTOM HOLE  
 N) 39.206473  
 E) -80.172079

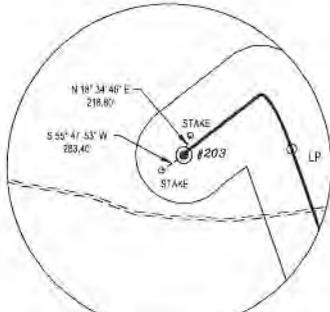
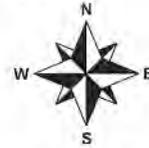
(UTM, NAD83 ZONE 17) METER

TOP HOLE  
 N) 4345189.498  
 E) 573583.338  
 LANDING POINT  
 N) 4345215.050  
 E) 573924.201  
 BOTTOM HOLE  
 N) 4340056.637  
 E) 575799.900

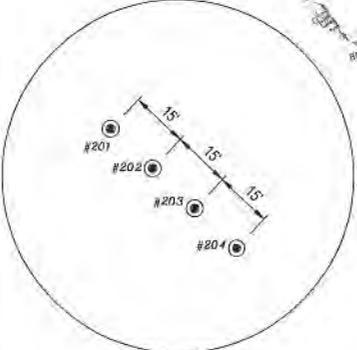
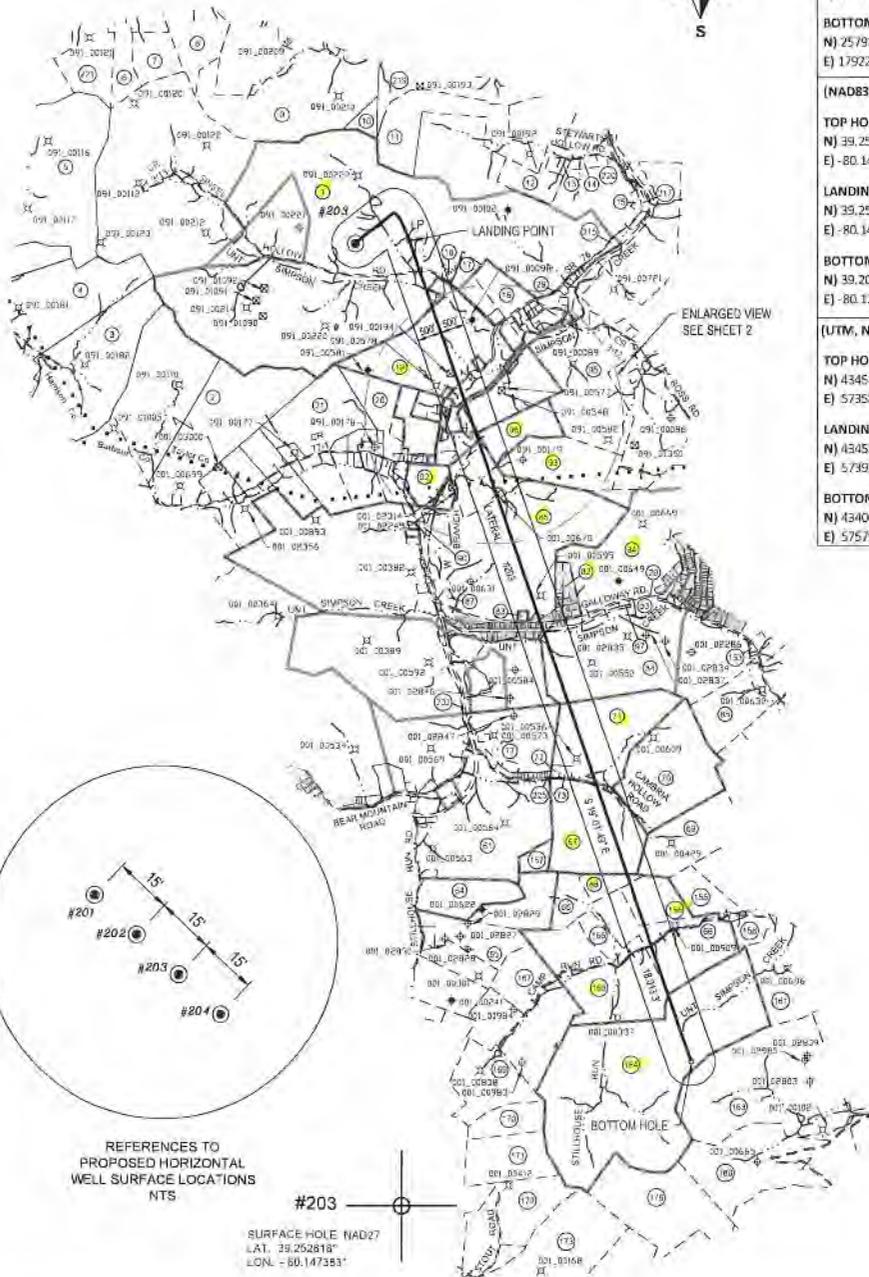
14,104'

Longitude: (NAD27)

BOTTOM HOLE NAD27  
 LAT: 39.205376  
 LON: -80.152274



REFERENCES TIES (NTS)



REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS NTS

#203  
 SURFACE HOLE NAD27  
 LAT: 39.252818  
 LON: -80.147353

REFERENCE NOTES

- Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.
- State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

LEGEND

- PROPOSED WELL LATERAL
- - - - PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- PROPERTY LINE
- SURVEYED SURFACE TRACT LINE
- MINERAL TRACT BOUNDARY
- COUNTY BOUNDARY LINE
- #H PROPOSED WELL HEAD
- ⊕ EXISTING WELL HEAD (Active)
- ⊖ EXISTING WELL HEAD (Plugged)
- ⊙ EXISTING WELL HEAD (Abandoned)
- ⊘ EXISTING WELL HEAD (Never Drilled)
- LANDING POINT/BOTTOM HOLE
- ⊕ SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 1 of 3  
 SCALE: 1" = 4000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.

Signed: *Herbert L. Parsons, III* 10/20/2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 20, 2022  
 FIBER TFP22  
 OPERATOR'S WELL #: # 203  
 API WELL #: 47 091 01373  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

- DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE
- PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON
- CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

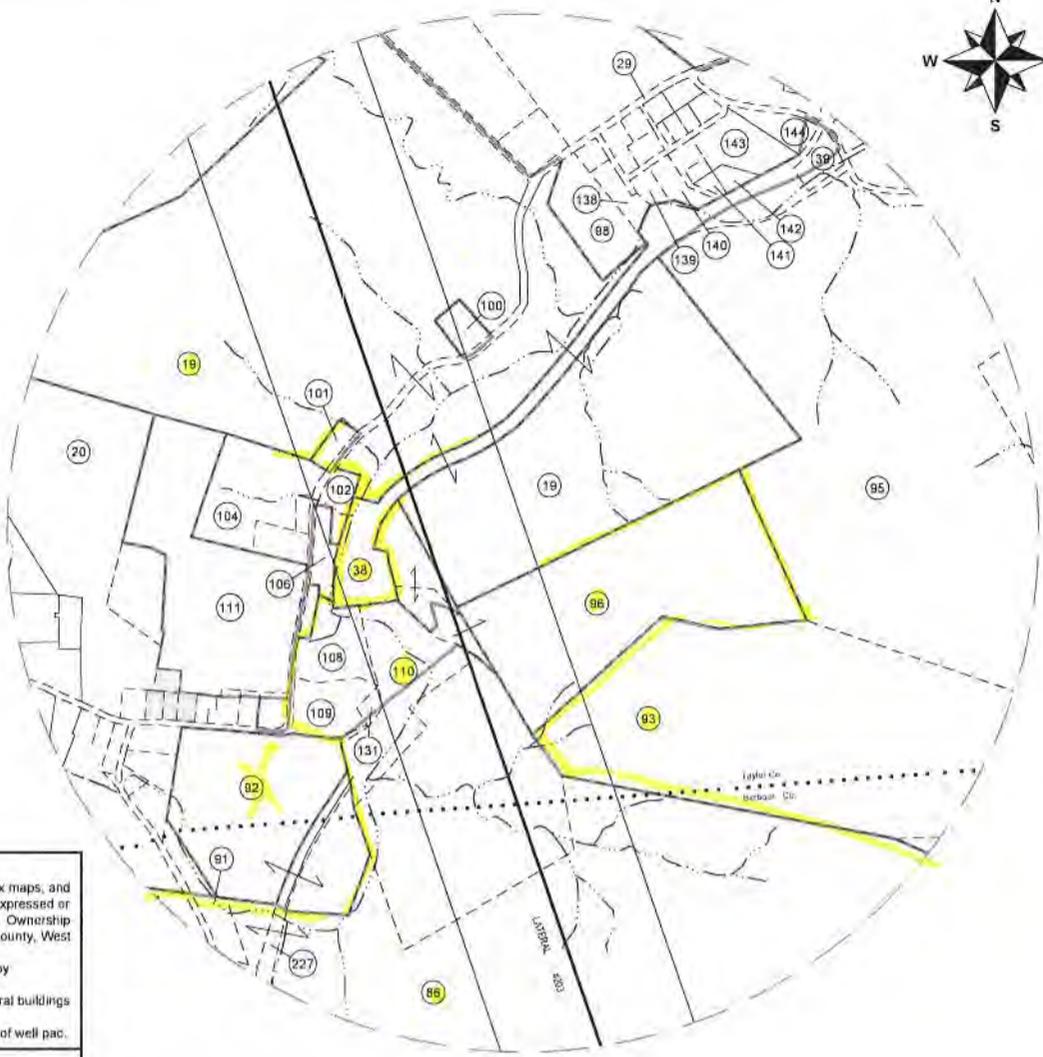
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,756.5' TMD: 26,244.8'

WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090

DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

BOTTOM HOLE SURVEYED 80° 05' 00" (NAD27)  
 SURFACE HOLE SURVEYED 80° 07' 30" (NAD27)

12/02/2022



ENLARGED PLAT AREA

**REFERENCE NOTES**  
 1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.  
 2. State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.  
 3. There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.  
 4. No water wells found within 250' of the center of well pad.

**LEGEND**

- PROPOSED WELL LATERAL
- - - PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- PROPERTY LINE
- SURVEYED SURFACE TRACT LINE
- MINERAL TRACT BOUNDARY
- - - COUNTY BOUNDARY LINE
- ## PROPOSED WELL HEAD
- ⊕ EXISTING WELL HEAD (Active)
- ⊖ EXISTING WELL HEAD (Plugged)
- ⊙ EXISTING WELL HEAD (Abandoned)
- ⊗ EXISTING WELL HEAD (Narrow Drilled)
- LANDING POINT/BOTTOM HOLE
- ⊙ SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 2 of 3  
 SCALE: 1" = 1000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.  
 Signed: Herbert L. Parsons, III 10/20/2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 20, 2022  
 FIBER TFP22  
 OPERATOR'S WELL #: # 203  
 API WELL #: 47 091 01373  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

12/02/2022

- DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE
- PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON
- CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,903.5' TMD: 26,244.8'  
 WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300 ADDRESS: 633 MAIN STREET  
 CITY: WEXFORD STATE: PA ZIP: 15090 CITY: BRIDGEPORT STATE: WV ZIP: 26330

SURFACE PARCEL OWNER INFORMATION			ADJOINER PARCEL OWNER INFORMATION				
ID#	DEP#	PARCEL NUMBER	OWNER NAME	ID#	DEP#	PARCEL NUMBER	OWNER NAME
1	091	46-04-0011-0001-0000	FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST	5	033	17-15-0331-0027-0000	JOHNSON RENEE
19	091	46-04-0011-0017-0003	SIMPSON JOHN E	4	033	17-15-0351-0012-0000	GCSTREAM LLC
38	091	46-04-0011-0029-0000	SIMPSON JOHN	3	033	17-15-0351-0013-0000	GCSTREAM LLC
96	091	46-04-0011-0013-0000	RIFFLE JERALD L & LINDA SUE & SURV	6	091	46-04-0008-0022-0000	GRIPPIN JAMES S & ELAINE M & SURV
110	091	46-04-0011-0028-0000	CSX TRANSPORTATION INC	7	091	46-04-0008-0023-0000	GRAY RANDALL & RITA
93	091	46-04-0011-0025-0000	BECKWITH LUMBER COMPANY	8	091	46-04-0008-0025-0000	MARKS BETTY P
86	001	01-09-0009-0017-0002	WILFONG DENVER S JR	9	091	46-04-0008-0029-0000	COALQUEST DEVELOPMENT LLC
82	001	PLAN OF LOTS	GALLOWAY SUBDIVISION	10	091	46-04-0008-0105-0000	BLOSSER PATRICK B ETAL ROBERT C & CLINTON D & SURV
84	001	01-09-0008-0001-0000	BECKWITH LUMBER CO INC	11	091	46-04-0008-0081-0000	SIMMONS HUNTER
71	001	01-09-0012-0059-0000	BECKWITH LUMBER CO INC	12	091	46-04-0008-0083-0000	PRATT JANICE&CHARLENE MOORE & CURTIS & DAVID STEWART
67	001	01-09-0012-0008-0000	GOFF ROBERT H III & TINA M HWS	13	091	46-04-0008-0084-0000	PRATT JANICE & CHARLENE MOORE & CURTIS & DAVID STEWART
68	001	01-09-0012-0009-0000	MCCAULEY RONALD D	14	091	46-04-0008-0090-0001	SINSEL FRANCES E
156	001	01-09-0013-0005-0000	MORGAN DELORES SUE & PATTY JEAN DUFFIELD	15	091	46-04-0008-0037-0001	CRISS DAVID & CATHY & SURV
66	001	01-09-0012-0009-0001	TRIPLE L LAND & MINERALS	16	091	46-04-0011-0019-0000	SALTIS STEVEN A & NICOLE J & SURV
165	001	01-09-0012-0056-0000	MCCAULEY RONALD D	17	091	46-04-0011-0017-0000	GRONAU JOHN R & KAITLYN N & SURV
164	001	01-09-0022-0008-0000	YOCCO WILLIAM FRANK L/E THEN: WILLIAM M & SAMUEL D YOCCO	18	091	46-04-0011-0001-0001	ANDERSON DANIEL & KAREN & SURV
				20	091	46-04-0011-0009-0000	WATKINS DOUGLAS R & ANNA M & SURV
				21	091	46-04-0011-0005-0005	BECKWITH LUMBER COMPANY
				29		RIGHT-OF-WAY	STATE ROUTE 76
				39	091	46-04-0011-0021-0000	FOGUS SUSAN MARIE
				92	091	46-04-0011-0011-0000	SMITH JOANN V & GARY M BROWN JR & SURV
				95	091	46-04-0011-0024-0000	DUNN ROSS A
				98	091	46-04-0011-0017-0002	MCKINNEY THOMAS R JR & LINDA L
				100	091	46-04-0011-0017-0001	SIMPSON JOHN E
				101	091	46-04-011A-0002-0000	GAINES GROVER L
				102	091	46-04-011A-0003-0000	RADTKA RYAN C
				104	091	46-04-011A-0001-0000	WESTFALL ERIC & KEVIN R TEPHABOCK & SURV
				106	091	46-04-011A-0004-0000	CASTO DANNIE EUGENE
				108	091	46-04-0011-0011-0001	COSTELLO RAYMOND GARY (9/10 INT) & ETAL (1/30 INT EACH)
				109	091	46-04-0011-0011-0002	COSTELLO RAYMOND GARY
				111	091	46-04-0011-0010-0000	JENKINS THOMAS & KARRY & SURV
				131	091	46-04-0011-0012-0000	SALTIS STEVE JR & AMY R & SURV
				138	091	46-04-011B-0011-0000	MCCLOY SAMMIE(LF)&S P MCCLOY & JESSICA ANN BOLYARD&SURV
				139	091	46-04-011B-0012-0000	GUTHRIE CANDICE
				140	091	46-04-011B-0013-0000	SALTIS STEVEN A & NICOLE & SURV
				141	091	46-04-011B-0014-0003	GAINES BRENDA M
				142	091	46-04-011B-0015-0001	GAINES BRENDA M
				143	091	46-04-011B-0015-0000	PETROFF JOSEPH JOHN
				144	091	46-04-0011-0022-0000	HAYS DONALD S
				215	091	46-04-0009-0057-0000	BRAKE WILLIAM C & CRYSTAL R & SURV
				217	091	46-04-0009-0035-0000	PRITT HOY LYNN & PATRICIA LYNN & SURV
				219	091	46-04-0008-0080-0000	BLOSSER PATRICK B & ROBERT C & CLINTON D & SURV
				221	091	46-04-0008-0021-0000	MILLARD CARLYLE G
				2	001	01-09-0009-0002-0000	STEWART FARM LLC
				53	001	01-09-0008-0001-0002	COLLINS RONALD & JUDY
				61	001	01-09-0012-0010-0000	VUKOVICH ROBERT K & SHELIA MARIE VUKOVICH & CAROL A SPEAR
				64	001	01-09-0012-0051-0002	BECKWITH LUMBER CO
				65	001	01-09-0012-0052-0001	TRIPLE L LAND & MINERALS
				69	001	01-09-0013-0003-0000	MORROW BRENT GLEN
				70	001	01-09-0013-0001-0000	BECKWITH LUMBER CO INC
				72	001	01-09-0012-0007-0001	SMINK JEANNETTE REBECCA
				73	001	01-09-0012-0007-0002	SMINK JEANNETTE REBECCA
				77	001	01-09-0012-0007-0000	ZACAVISH FRANK D
				83	001	01-09-008A-0017-0000	CLEAVENGER CEMETERY
				85	001	01-09-0013-0002-0000	BECKWITH LUMBER COMPANY INC
				87	001	01-09-0009-0014-0000	SALTIS STEVE JR & AMY R WVS
				90	001	01-09-0009-0010-0000	SALTIS STEVE & TWYLA HWS
				91	001	01-09-0009-0009-0000	PISINO GARY L & SUSAN CHRISTIAN
				97	001	01-09-0008-0001-0001	SPENCER GREGORY L & SANDRA R ELMOND
				153	001	01-09-0008-0003-0000	BECKWITH LUMBER CO INC
				155	001	01-09-0013-0004-0000	WENTZ BRIAN L & REBECCA J
				157	001	01-09-0013-0006-0000	MCCAULEY RONALD D
				158	001	01-09-0013-0007-0000	JACOBS WM SR & SHIRLEY L/E -WM E JR, GERRY & DONNA JACOBS
				161	001	01-09-0013-0009-0000	JACOBS WILLIAM E JR & GERRY L
				163	001	01-09-0021-0001-0000	WOLFE G BRENT
				166	001	01-09-0012-0057-0000	CORDER SHIRLEY Y
				167	001	01-09-0012-0054-0001	MYER JON & REBEKKAH HWS
				169	001	01-09-0022-0007-0000	WARE SHIRLEY LVING TRUST
				170	001	01-04-0003-0021-0000	BURNER GARNET HRS C/O BEVERLY J POE
				171	001	01-04-0003-0022-0000	LEACH BENJAMIN, CHLOIE, TOSHA, BOORED DAKOTA & CHARLTON EDWARD
				172	001	01-04-0003-0023-0000	WENTZ BRIAN L & REBECCA J WVS
				173	001	01-04-0003-0025-0000	WENTZ BRIAN L & REBECCA J WVS
				176	001	01-04-0004-0001-0000	WENTZ BRIAN L & REBECCA J WVS
				180	001	01-09-0021-0002-0000	BLANKENSHIP BOB & ELIZABETH, HWS
				202	001	01-09-0009-0024-0000	CSX TRANSPORTATION, INC TAX DEPT C-910
				227	001	01-09-0009-0023-0000	CSX TRANSPORTATION, INC

**REFERENCE NOTES**

- Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.
- State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

**LEGEND**

—————	PROPOSED WELL LATERAL
-----	PROPOSED WELL TIE LINE
~~~~~	STREAM
—————	EXISTING ROAD
—————	BUFFER
-----	PROPERTY LINE
—————	SURVEYED SURFACE TRACT LINE
—————	MINERAL TRACT BOUNDARY
.....	COUNTY BOUNDARY LINE
⊙ ##	PROPOSED WELL HEAD
⊙	EXISTING WELL HEAD (Active)
⊕	EXISTING WELL HEAD (Plugged)
⊖	EXISTING WELL HEAD (Abandoned)
⊗	EXISTING WELL HEAD (Never Drilled)
○	LANDING POINT/BOTTOM HOLE
⊙	SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 3 of 3  
 SCALE: NO SCALE  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.

Signed: *Herbert L. Parsons, III* 10/20/2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

TARGET FORMATION: MARCELLUS

WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090

DATE: OCTOBER 20, 2022

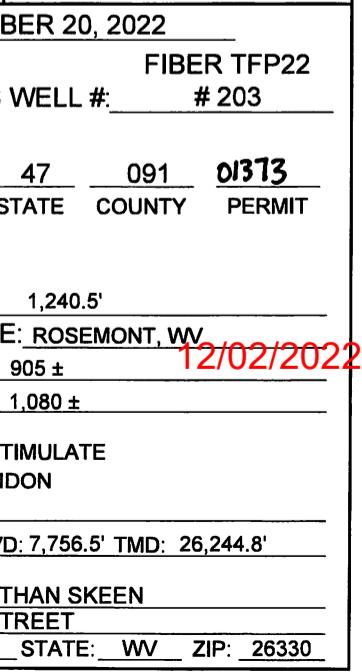
FIBER TFP22  
 OPERATOR'S WELL #: # 203

API WELL #: 47 091 01373  
 STATE COUNTY PERMIT

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

ESTIMATED DEPTH: TVD: 7,756.5' TMD: 26,244.8'

DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330



SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 12' 30" (NAD27)

11,014 6,437

Latitude: (NAD27)

(NAD83-WVN) US SURVEY FT.

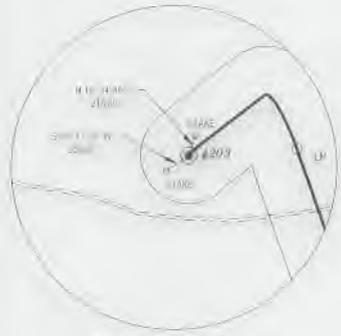
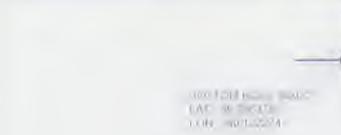
TOP HOLE  
 N) 274890.971  
 E) 1785229.695  
 LANDING POINT  
 N) 274956.220  
 E) 1785214.850  
 BOTTOM HOLE  
 N) 257927.380  
 E) 1792223.120

(NAD83-LAT/LONG) DECIMAL

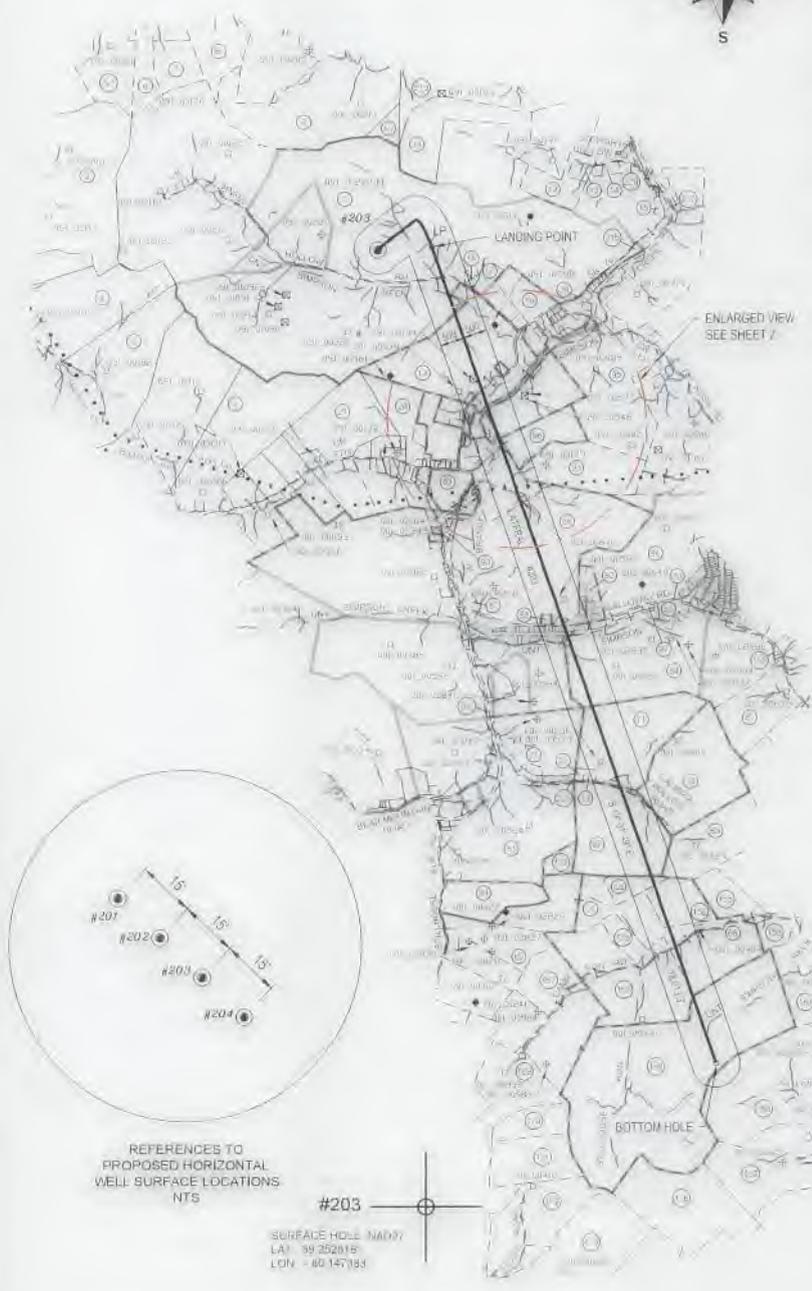
TOP HOLE  
 N) 39.252911  
 E) -80.147189  
 LANDING POINT  
 N) 39.253112  
 E) -80.143236  
 BOTTOM HOLE  
 N) 39.206473  
 E) -80.122079

(UTM, NAD83 ZONE 17) METER

TOP HOLE  
 N) 4345189.498  
 E) 573583.338  
 LANDING POINT  
 N) 4345215.050  
 E) 573924.201  
 BOTTOM HOLE  
 N) 4340056.637  
 E) 575799.900



REFERENCES TIES (NTS)



ENLARGED VIEW  
 SEE SHEET 2



REFERENCES TO  
 PROPOSED HORIZONTAL  
 WELL SURFACE LOCATIONS  
 NTS

#203  
 SURFACE HOLE (NAD27)  
 LAT: 39.252915  
 LON: -80.147193

REFERENCE NOTES  
 1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Bartow County, West Virginia Date 2022.  
 2. State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.  
 3. There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.  
 4. No water wells found within 250' of the center of well pad.

LEGEND

- PROPOSED WELL LATERAL
- PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- PROPERTY LINE
- SURVEYED SURFACE TRACT LINE
- MINERAL TRACT BOUNDARY
- COUNTY BOUNDARY LINE
- #H PROPOSED WELL HEAD
- EXISTING WELL HEAD (Active)
- EXISTING WELL HEAD (Plugged)
- EXISTING WELL HEAD (Abandoned)
- EXISTING WELL HEAD (Nevel Unlens)
- LANDING POINT/BOTTOM HOLE
- # SURFACE OWNER

Longitude: (NAD27)

FILE#: 22078-002  
 SHEET#: 1 of 3  
 SCALE: 1" = 4000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.  
 Signed: *Herbert L. Parsons, III* 10-20-2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 20, 2022  
 FIBER TFP22  
 OPERATOR'S WELL # # 203  
 API WELL # 47 091 01373  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

12/02/2022

- DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE
- PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON
- CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY:

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,756.5' TMD: 26,244.8'  
 WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300 ADDRESS: 633 MAIN STREET  
 CITY: WEXFORD STATE: PA ZIP: 15090 CITY: BRIDGEPORT STATE: WV ZIP: 26330

BOTTOM HOLE SURVEYED 80° 06' 00" (NAD27)  
 SURFACE HOLE SURVEYED 80° 07' 30" (NAD27)



**REFERENCE NOTES**

1. Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.
2. State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
3. There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
4. No water wells found within 250' of the center of well pad.

**LEGEND**

	PROPOSED WELL LATERAL
	PROPOSED WELL TIE LINE
	STREAM
	EXISTING ROAD
	BUFFER
	PROPERTY LINE
	SURVEYED SURFACE TRACT LINE
	MINERAL TRACT BOUNDARY
	COUNTY BOUNDARY LINE
	PROPOSED WELL HEAD
	EXISTING WELL HEAD (Active)
	EXISTING WELL HEAD (Plugged)
	EXISTING WELL HEAD (Abandoned)
	EXISTING WELL HEAD (New-Drilled)
	LANDING POINT/BOTTOM HOLE
	SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 2 of 3  
 SCALE: 1" = 1000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.

Signed: *Herbert L. Parsons, III* 10-20-2022  
 P.S. #2361: Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 20, 2022  
 FIBER TFP22  
 OPERATOR'S WELL #: # 203  
 API WELL #: 47 091 **D1373**  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

12/02/2022

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  
 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY:

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,903.5' TMD: 26,244.8'  
 WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300 ADDRESS: 633 MAIN STREET  
 CITY: WEXFORD STATE: PA ZIP: 15090 CITY: BRIDGEPORT STATE: WV ZIP: 26330

SURFACE PARCEL OWNER INFORMATION			ADJOINER PARCEL OWNER INFORMATION				
ID#	DEP#	PARCEL NUMBER	OWNER NAME	ID#	DEP#	PARCEL NUMBER	OWNER NAME
1	091	46-04-0011-0001-0000	FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST	5	033	17-15-0331-0027-0000	JOHNSON RENEE
19	091	46-04-0011-0017-0003	SIMPSON JOHN E	4	033	17-15-0351-0012-0000	GCSTREAM LLC
38	091	46-04-0011-0029-0000	SIMPSON JOHN	3	033	17-15-0351-0013-0000	GCSTREAM LLC
98	091	46-04-0011-0013-0000	RIFFLE JERALD L & LINDA SUE & SURV	6	091	46-04-0008-0022-0000	GRIPPIN JAMES S & ELAINE M & SURV
110	091	46-04-0011-0028-0000	CSX TRANSPORTATION INC	7	091	46-04-0008-0023-0000	GRAY RANDALL & RITA
93	091	46-04-0011-0025-0000	BECKWITH LUMBER COMPANY	8	091	46-04-0008-0025-0000	MARKS BETTY P
86	001	01-09-0009-0017-0002	WILFONG DENVER S JR	9	091	46-04-0008-0029-0000	COALQUEST DEVELOPMENT LLC
82	001	01-09-0008-0001-0000	GALLOWAY SUBDIVISION	10	091	46-04-0008-0105-0000	BLOSSER PATRICK B ETAL ROBERT C & CLINTON D & SURV
84	001	01-09-0008-0001-0000	BECKWITH LUMBER CO INC	11	091	46-04-0008-0081-0000	SIMMONS HUNTER
71	001	01-09-0013-0059-0000	BECKWITH LUMBER CO INC	12	091	46-04-0008-0083-0000	PRATT JANICE&CHARLENE MOORE & CURTIS & DAVID STEWART
67	001	01-09-0013-0009-0000	GOFF ROBERT H III & TINA M II WVS	13	091	46-04-0008-0084-0000	PRATT JANICE & CHARLENE MOORE & CURTIS & DAVID STEWART
88	001	01-09-0013-0009-0000	MCCAULEY RONALD D	14	091	46-04-0008-0080-0001	SINSEL FRANCES E
156	001	01-09-0013-0009-0000	MORGAN DELORES SUE & PATTY JEAN DUFFIELD	15	091	46-04-0009-0037-0001	CRISS DAVID & CATHY & SURV
66	001	01-09-0012-0009-0001	TRIPLE L LAND & MINERALS	16	091	46-04-0011-0019-0000	SALTIS STEVEN A & NICOLE J & SURV
165	001	01-09-0013-0059-0000	MCCAULEY RONALD D	17	091	46-04-0011-0017-0000	GRONAU JOHN R & KATHY N II & SURV
164	001	01-09-0022-0008-0000	YOCCO WILLIAM FRANK L/E THEN WILLIAM M & SAMUEL D YOCCO	18	091	46-04-0011-0001-0001	ANDERSON DANIEL & KAREN & SURV
				20	091	46-04-0011-0009-0000	WATKINS DOUGLAS R & ANNA M & SURV
				21	091	46-04-0011-0005-0005	BECKWITH LUMBER COMPANY
				29		RIGHT-OF-WAY	STATE ROUTE 76
				38	091	46-04-0011-0021-0000	FOGUS SUSAN MARIE
				92	091	46-04-0011-0011-0000	SMITH JOANN V & GARY M BROWN JR & SURV
				95	091	46-04-0011-0024-0000	DUNN ROSS A
				98	091	46-04-0011-0017-0002	MCKINNEY THOMAS R JR & LINDA L
				100	091	46-04-0011-0017-0001	SIMPSON JOHN E
				101	091	46-04-011A-0002-0000	GAINES GROVER L
				102	091	46-04-011A-0003-0000	RADTKA RYAN C
				104	091	46-04-011A-0001-0000	WESTFALL ERIC & KEVIN R TEPHABOCK & SURV
				106	091	46-04-011A-0004-0000	CARTO DANNIE EUGENE
				108	091	46-04-0011-0011-0001	COSTELLO RAYMOND GARY (9/10 INT) & ETAL (1/30 INT EACH)
				109	091	46-04-0011-0011-0002	COSTELLO RAYMOND GARY
				111	091	46-04-0011-0010-0000	JENKINS THOMAS & KARRY & SURV
				131	091	46-04-0011-0012-0000	SALTIS STEVE JR & AMY R & SURV
				138	091	46-04-011B-0011-0000	MCCLOY SAMMIE(LF&S P MCCLOY & JESSICA ANN BOLYARD&SURV
				139	091	46-04-011B-0012-0000	GUTHRIE CANDICE
				140	091	46-04-011B-0013-0000	SALTIS STEVEN A & NICOLE & SURV
				141	091	46-04-011B-0014-0003	GAINES BRENDA M
				142	091	46-04-011B-0015-0001	GAINES BRENDA M
				143	091	46-04-011B-0015-0000	PETROFF JOSEPH JOHN
				144	091	46-04-0011-0022-0000	HAYS DONALD S
				216	091	46-04-0009-0067-0000	BRAKE WILLIAM C & CRYSTAL R & SURV
				217	091	46-04-0009-0035-0000	PRITT HOY LYNN & PATRICIA LYNN & SURV
				219	091	46-04-0008-0060-0000	BLOSSER PATRICK B & ROBERT C & CLINTON D & SURV
				221	091	46-04-0008-0021-0000	MILLARD CARLYLE G
				2	091	01-09-0009-0002-0000	STEWART FARM LLC
				53	091	01-09-0006-0001-0000	COLLINS RONALD & JUDY
				61	001	01-09-0012-0010-0000	VUKOVICH ROBERT K & SHELIA MARIE VUKOVICH & CAROL A SPEAR
				64	001	01-09-0012-0001-0002	BECKWITH LUMBER CO
				66	001	01-09-0012-0002-0001	TRIPLE L LAND & MINERALS
				69	001	01-09-0013-0005-0000	MORROW BRENT GLEN
				70	001	01-09-0013-0001-0000	BECKWITH LUMBER CO INC
				72	001	01-09-0012-0007-0001	SMINK JEANNETTE REBECCA
				73	001	01-09-0012-0007-0002	SMINK JEANNETTE REBECCA
				77	001	01-09-0012-0007-0000	ZACAVISH FRANK D
				83	001	01-09-0026A-0017-0000	CLEAVINGER CEMETERY
				85	001	01-09-0013-0002-0000	BECKWITH LUMBER COMPANY INC
				87	001	01-09-0009-0014-0000	SALTIS STEVE JR & AMY R WVS
				90	001	01-09-0009-0010-0000	SALTIS STEVE & TWYLA HWS
				91	001	01-09-0009-0009-0000	PISINO GARY L & SUSAN CHRISTIAN
				97	001	01-09-0008-0001-0001	SPENCER GREGORY L & SANDRA R ELMOND
				153	001	01-09-0008-0003-0000	BECKWITH LUMBER CO INC
				155	001	01-09-0013-0004-0000	WENTZ BRIAN L & REBECCA J
				157	001	01-09-0013-0005-0000	MCCAULEY RONALD D
				158	001	01-09-0013-0007-0000	JACOBS WM SR & SHIRLEY L/E WM E JR GERRY & DONNA JACOBS
				161	001	01-09-0013-0009-0000	JACOBS WILLIAM E JR & GERRY L
				163	001	01-09-0021-0001-0002	WOLFE G BRENT
				166	001	01-09-0012-0007-0000	CORNER SHIRLEY Y
				167	001	01-09-0012-0004-0001	MYER JON & REBEKKAH HWS
				169	001	01-09-0022-0007-0000	WARE SHIRLEY LIVING TRUST
				170	001	01-04-0003-0021-0000	BURNER GARNET HRS C/O BEVERLY J POE
				171	001	01-04-0003-0022-0000	LEACH BENJAMIN CHLOIE TOSHA BOORED DAKOTA & CHARLTON EDWARD
				172	001	01-04-0003-0023-0000	WENTZ BRIAN L & REBECCA J WVS
				173	001	01-04-0003-0025-0000	WENTZ BRIAN L & REBECCA J WVS
				176	001	01-04-0004-0001-0000	WENTZ BRIAN L & REBECCA J WVS
				180	001	01-09-0021-0002-0000	BLANKENSHIP BOB & ELIZABETH HWS
				202	001	01-09-0009-0004-0000	CSX TRANSPORTATION INC TAX DEPT C&IT
				227	001	01-09-0009-0003-0000	CSX TRANSPORTATION INC

REFERENCE NOTES

- Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2022.
- State Plane Coordinates & NAD83 Utilized by differential submeter mapping grade SPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

LEGEND

- PROPOSED WELL LATERAL
- PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- PROPERTY LINE
- SURVEYED SURFACE TRACT LINE
- MINERAL TRACT BOUNDARY
- COUNTY BOUNDARY LINE
- #H PROPOSED WELL HEAD
- EXISTING WELL HEAD (Active)
- EXISTING WELL HEAD (Plugged)
- ⊕ EXISTING WELL HEAD (Abandoned)
- ⊗ EXISTING WELL HEAD (Lower Cased)
- LANDING POINT/BOTTOM HOLE
- # SURFACE OWNER

FILE#: 22078-002  
 SHEET#: 3 of 3  
 SCALE: NO SCALE  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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.  
 Signed: *Herbert L. Parsons, III* 10/20/2022  
 P.S. #2361; Herbert L. Parsons, III P.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 20, 2022  
 OPERATOR'S WELL #: FIBER TFP22 # 203  
 API WELL #: 47 091 **D1373**  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: SIMPSON CREEK  
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: FIBER CLARENCE & CONSTATCE IRREVOCABLE TRUST  
 OIL & GAS ROYALTY OWNER: SEE WVV-6A1

ELEVATION: 1,240.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 905 ±  
 ACREAGE: 1,080 ±

12/02/2022

- DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE
- PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON
- CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY:

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,756.5' TMD: 26,244.8'  
 WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300 ADDRESS: 633 MAIN STREET  
 CITY: WEXFORD STATE: PA ZIP: 15090 CITY: BRIDGEPORT STATE: WV ZIP: 26330

WW-6A1  
(5/13)

Operator's Well No. 203

**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
-------------------------	-----------------------	-----------------------	---------	-----------

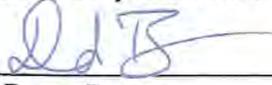
See Attached

**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:   
 By: Dave Boyer  
 Its: Director of Geology & Development Planning

**Attachment to WW-6A1, Fiber TFP 22 S 203**

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
1 (00005213)	Chester Sinsel and Frances Sinsel, his wife	Union Drilling Inc	12.50%	35/488	1,080
	Union Drilling Inc	Equitable Resources Exploration Inc		9/427	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		10/79	
	Equitable Resources Energy Company	Enervest East Limited Partnership		22/181	
	Enervest East Limited Partnership	The Houston Exploration Company		27/99	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		27/426	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		31/427	
19 (00008821)	Evelyn H Bailey, widow	Eastern American Energy Corporation	12.50%	40/547	127
	Eastern American Energy Corporation	Energy Corporation of America		314/435	
	Energy Corporation of America	Greylock Production LLC		36/618	
	Greylock Production LLC	Mar Key LLC		37/684	
19 (00008822)	Ruth Bailey, widow	Eastern American Energy Corporation	12.50%	40/566	127
	Eastern American Energy Corporation	Energy Corporation of America		314/435	
	Energy Corporation of America	Greylock Production LLC		36/618	
	Greylock Production LLC	Mar Key LLC		37/684	
19 (00008823)	Leone Casseday, widow	Eastern American Energy Corporation	12.50%	40/562	127
	Eastern American Energy Corporation	Energy Corporation of America		314/435	
	Energy Corporation of America	Greylock Production LLC		36/618	
	Greylock Production LLC	Mar Key LLC		37/684	
38 (00008187)	John Simpson	Mar Key LLC	13.00%	69/190	12.11

4709101373

**Attachment to WW-6A1, Fiber TFP 22 S 203**

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
96 (00007887)	Jerald L Riffle and Linda S Riffle, his wife	Mar Key LLC	15.00%	68/642	27.99
110, 93, 86, 82 (00005950)	Lillian Wilson Post, widow	Cumberland & Allegheny Gas Company	12.50%	40/242	400
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration Inc		325/219	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		328/171	
	Equitable Resources Energy Company	Fuel Resources Production & Development Company		116/81	
	Fuel Resources Production & Development Company	The Houston Exploration Company		383/187	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	
84 (00005920)	Ada M Cleavenger and Gerald Cleavenger her husband	Cumberland & Allegheny Gas Company	12.50%	45/443	250
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration Inc		325/219	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		328/171	

4709101373

**Attachment to WW-6A1, Fiber TFP 22 S 203**

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Equitable Resources Energy Company	Fuel Resources Production & Development Company		116/81	
	Equitable Resources Energy Company	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development Company	The Houston Exploration Company		383/187	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	
71 (00005938)	Charles F Hoffman and Linda B Hoffman his wife	Union Drilling Inc and Allerton Miller	12.50%	47/110	76
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration Inc		325/219	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		328/171	
	Equitable Resources Energy Company	Fuel Resources Production & Development Company		116/81	
	Fuel Resources Production & Development Company	The Houston Exploration Company		383/187	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	
71 (00005939)	Dow J Lewis et ux et al	Union Drilling Inc and Allerton Miller	12.50%	65/228	76
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration Inc		325/219	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		328/171	

4709101373

**Attachment to WW-6A1, Fiber TFP 22 S 203**

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
	Equitable Resources Energy Company	Fuel Resources Production & Development Company		116/81	
	Fuel Resources Production & Development Company	The Houston Exploration Company		383/187	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	
67 (00008938)	Triple L Land and Minerals	Mar Key LLC	12.50%	Pending	81.4
68, 156, 66, 165 (00005695)	Draper Mc Cauley Jr and Alberta Mc Cauley his wife; Joseph L Mc Cauley and Arbutis Mc Cauley his wife	Union Drilling Inc	12.50%	77/580	181
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller		46/347	
	Union Drilling Inc	Equitable Resources Exploration Inc		325/219	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		328/171	
	Equitable Resources Energy Company	Enervest East Limited Partnership		129/524	
	Equitable Resources Energy Company	Fuel Resources Production & Development Company		116/81	
	Fuel Resources Production & Development Company	The Houston Exploration Company		383/187	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	
164 (00005915)	Bott Yocco and Virginia Yocco his wife	Cumberland & Allegheny Gas Company	12.50%	46/44	277
	Cumberland & Allegheny Gas Company	Union Drilling Inc & Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	

4709101373

**Attachment to WW-6A1, Fiber TFP 22 S 203**

<b>Letter Designation/Number Designation on Plat</b>	<b>Grantor, Lessor, Assignor, etc.</b>	<b>Grantee, Lessee, Assignee, etc.</b>	<b>Royalty</b>	<b>Book/Page</b>	<b>Acreage</b>
	Union Drilling Inc	Equitable Resources Exploration Inc		325/219	
	Equitable Resources Exploration Inc	Equitable Resources Energy Company		328/171	
	Equitable Resources Energy Company	Fuel Resources Production & Development Company		116/81	
	Equitable Resources Energy Company	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development Company	The Houston Exploration Company		383/187	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum Inc	Seneca-Upshur Petroleum LLC		447/129	

4709101375

## **Agreement to Drill, Complete and Operate Oil & Gas Wells**

This Agreement to Drill, Complete and Operate Oil & Gas Wells (this "Agreement"), by and among Arsenal Resources LLC, a West Virginia limited liability company ("Arsenal"), River Ridge Energy, LLC, a Delaware limited liability company ("River Ridge"), and River Ridge Energy, Holdings, LLC, a Delaware limited liability company ("River Ridge Holdings"), is effective as of March 1, 2017. (the "Effective Date") and sets forth the terms pursuant to which Arsenal will drill, complete and operate the Wells (as defined below) on behalf of River Ridge and River Ridge Holdings. Arsenal, River Ridge, and River Ridge Holdings are each a "Party" and are collectively the "Parties". In consideration of the foregoing and the respective agreements hereinafter set forth and the mutual benefits to be derived therefrom, the Parties, intending to be legally bound, hereby agree as follows:

1. **Term:** This Agreement is effective from the Effective Date until terminated by Arsenal on the one hand or River Ridge and River Ridge Holdings on the other hand with 30 days' written notice to the other Party or Parties, as applicable (the "Term").
2. **Authorization to Operate:** River Ridge and River Holdings authorize Arsenal to undertake and perform, on River Ridge and River Ridge Holdings behalf, all operations, including without limitation permit applications, well pad preparation, drilling and completing wells, and marketing gas, oil and other hydrocarbons therefrom with respect to all oil and gas wells to be drilled on oil and gas leasehold acreage held by River Ridge or River Ridge Holdings. River Ridge, River Ridge Holdings and Arsenal are affiliates with a common parent. Arsenal was formed to operate oil and gas leasehold acreage held by River Ridge, River Ridge Holdings and certain other affiliates. Arsenal agrees that it shall, in a good and workmanlike manner and in accordance with industry standards as they prevail in the area, drill, complete and operate oil and gas wells on leasehold acreage owned by River Ridge or River Ridge Holdings from time to time as directed by River Ridge or River Ridge Holdings (collectively, the "Wells").
3. **No Third Party Beneficiary:** This Agreement is for the benefit of the Parties and is not for the benefit of any third party.
4. **Counterparts:** This Agreement may be simultaneously executed in several counterparts and via facsimile or similar electronic transmittal, each of which shall be deemed to be an original and taken together shall constitute one and the same instrument.

[Signature Page Follows]

IN WITNESS WHEREOF, Arsenal, River Ridge, and River Ridge Holdings have caused their duly authorized representatives to execute this Agreement as of the Effective Date.

**ARSENAL RESOURCES LLC**

By: Joel E. Symonds  
Name: Joel E. Symonds  
Title: Vice President - Land

**RIVER RIDGE ENERGY, LLC**

By: Joel E. Symonds  
Name: Joel E. Symonds  
Title: Vice President - Land

**RIVER RIDGE HOLDINGS, LLC**

By: Joel E. Symonds  
Name: Joel E. Symonds  
Title: Vice President - Land

## West Virginia Secretary of State — Online Data Services

### Business and Licensing

Online Data Services Help

### Business Organization Detail

*NOTICE: The West Virginia Secretary of State's Office makes every reasonable effort to ensure the accuracy of information. However, we make no representation or warranty as to the correctness or completeness of the information. If information is missing from this page, it is not in the The West Virginia Secretary of State's database.*

#### MAR KEY LLC

Organization Information								
Org Type	Effective Date	Established Date	Filing Date	Charter	Class	Sec Type	Termination Date	Termination Reason
LLC   Limited Liability Company	7/11/2011		7/11/2011	Domestic	Profit			

Organization Information			
<b>Business Purpose</b>	2111 - Mining, Quarrying, Oil & Gas Extraction - Oil and Gas Extraction - Crude Oil and Natural Gas Extraction		<b>Capital Stock</b>
<b>Charter County</b>		<b>Control Number</b>	99Q1F
<b>Charter State</b>	WV	<b>Excess Acres</b>	
<b>At Will Term</b>	A	<b>Member Managed</b>	MBR
<b>At Will Term Years</b>		<b>Par Value</b>	
<b>Authorized Shares</b>		<b>Young Entrepreneur</b>	Not Specified

12/02/2022

## West Virginia Secretary of State — Online Data Services

### Business and Licensing

Online Data Services Help

### Business Organization Detail

*NOTICE: The West Virginia Secretary of State's Office makes every reasonable effort to ensure the accuracy of information. However, we make no representation or warranty as to the correctness or completeness of the information. If information is missing from this page, it is not in the The West Virginia Secretary of State's database.*

### SENECA-UPSHUR PETROLEUM, LLC

Organization Information								
Org Type	Effective Date	Established Date	Filing Date	Charter	Class	Sec Type	Termination Date	Termination Reason
LLC   Limited Liability Company	2/12/1973		2/12/1973	Domestic	Profit			

Organization Information			
<b>Business Purpose</b>	2111 - Mining, Quarrying, Oil & Gas Extraction - Oil and Gas Extraction - Crude Oil and Natural Gas Extraction		<b>Capital Stock</b>
<b>Charter County</b>		<b>Control Number</b>	0
<b>Charter State</b>	WV	<b>Excess Acres</b>	0
<b>At Will Term</b>	A	<b>Member Managed</b>	MBR
<b>At Will Term Years</b>		<b>Par Value</b>	
<b>Authorized Shares</b>		<b>Young Entrepreneur</b>	Not Specified

<b>Addresses</b>	
<b>Type</b>	<b>Address</b>
<b>Designated Office Address</b>	633 W. MAIN STREET BRIDGEPORT, WV, 26330
<b>Mailing Address</b>	6031 WALLACE ROAD EXTENSION SUITE 300 WEXFORD, PA, 15090 USA
<b>Notice of Process Address</b>	CORPORATION SERVICE COMPANY 209 WEST WASHINGTON STREET CHARLESTON, WV, 25302
<b>Principal Office Address</b>	6031 WALLACE ROAD EXTENSION SUITE 300 WEXFORD, PA, 15090 USA
<b>Type</b>	<b>Address</b>

<b>Officers</b>	
<b>Type</b>	<b>Name/Address</b>
<b>Member</b>	RIVER RIDGE ENERGY, LLC 6031 WALLACE ROAD EXTENSION, SUITE 300 WEXFORD, PA, 15090
<b>Organizer</b>	TAMMY J OWEN 300 SUMMERS STREET, STE 1500 PO BOX 2107 CHARLESTON, WV, 25328 USA
<b>Type</b>	<b>Name/Address</b>

<b>DBA</b>			
<b>DBA Name</b>	<b>Description</b>	<b>Effective Date</b>	<b>Termination Date</b>
KEYSPAN PRODUCTION & DEVELOPMENT COMPANY	TRADENAME	6/11/2004	
NATIONAL GRID	TRADENAME	8/17/2007	

NATIONAL GRID PRODUCTION AND DEVELOPMENT	TRADENAME	12/5/2008	5/9/2012
<b>DBA Name</b>	<b>Description</b>	<b>Effective Date</b>	<b>Termination Date</b>

<b>Name Changes</b>	
<b>Date</b>	<b>Old Name</b>
3/28/2011	SENECA-UPSHUR PETROLEUM, INC.
<b>Date</b>	<b>Old Name</b>

<b>Date</b>	<b>Amendment</b>
6/15/2016	AMENDMENT FILED CHANGING FROM A MANAGER-MANAGED CO. TO A MEMBER-MANAGED CO. >> REMOVED ROBERT KOZEL & STEPHEN A. BISHOP AS MANAGERS & ADDED SOLE MEMBER (C IMAGE).
3/28/2011	CONVERSION: FROM SENECA-UPSHUR PETROLEUM, INC. TO SENECA-UPSHUR PETROLEUM, LLC
7/25/1997	MERGER; MERGING LITTLE SWISS DRILLING COMPANY, A QUAL WV CORP AND PALACE VALLEY PETROLEUM COMPANY, A QUAL WV CORP WITH AND INTO SENECA-UPSHUR PETROLEUM, INC., A QUAL WV CORP, THE SURVIVOR.
<b>Date</b>	<b>Amendment</b>

<b>Annual Reports</b>	
<b>Filed For</b>	
2020	
2019	
2018	
2017	
2016	
2015	
2014	
2013	
2012	
2011	

4709101373

2010
2009
2008
2007
2006
2005
2004
2003
2002
2001
2000
1999
1998
<b>Date filed</b>

[File Your Current Year Annual Report Online Here](#)

For more information, please contact the Secretary of State's Office at 304-558-8000.

Monday, March 1, 2021 — 9:40 AM

© 2021 State of West Virginia

<b>Addresses</b>	
<b>Type</b>	<b>Address</b>
<b>Designated Office Address</b>	633 W. MAIN STREET BRIDGEPORT, WV, 26330
<b>Mailing Address</b>	6031 WALLACE ROAD EXTENSION SUITE 300 WEXFORD, PA, 15090 USA
<b>Notice of Process Address</b>	CORPORATION SERVICE COMPANY 209 WEST WASHINGTON STREET CHARLESTON, WV, 25302
<b>Principal Office Address</b>	6031 WALLACE ROAD EXTENSION SUITE 300 WEXFORD, PA, 15090 USA
<b>Type</b>	<b>Address</b>

<b>Officers</b>	
<b>Type</b>	<b>Name/Address</b>
<b>Member</b>	ARSENAL RESOURCES DEVELOPMENT LLC 6031 WALLACE ROAD EXTENSION SUITE 300 WEXFORD, PA, 15090
<b>Organizer</b>	PAUL M HERZING 560 EPSILON DR. PITTSBURGH, PA, 15238 USA
<b>Type</b>	<b>Name/Address</b>

<b>Annual Reports</b>	
<b>Filed For</b>	
2020	
2019	
2018	

2017
2016
2015
2014
2013
2012
<b>Date filed</b>

[File Your Current Year Annual Report Online Here](#)

For more information, please contact the Secretary of State's Office at 304-558-8000.

Monday, March 1, 2021 — 9:37 AM

© 2021 State of West Virginia



People Powered. Asset Strong.

March 3, 2022

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

RE: Ownership of Roadways; Fiber TFP 22

Dear Mr. Martin:

In preparation of filing a permit application for the above referenced well, Arsenal Resources has conducted a thorough title examination in order to determine the ownership of the oil and gas underlying roadways crossed by the proposed well(s). If owned in fee by the West Virginia Department of Transportation, Division of Highways, a lease covering its interest in the roadway or roadways has been properly obtained and provided in the application materials. If a right of way only, the oil and gas underlying such roadway or roadways is owned by the adjoining landowners and is also covered by the leaseholds provided in the application materials.

If you have any questions, concerns or need further information, please do not hesitate to contact me at the address listed below.

Sincerely,

A handwritten signature in cursive script that reads "Jon Sheldon".

Jon Sheldon  
Chief Operating Officer

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

Date of Notice Certification: 10/20/22

API No. 47- \_\_\_\_\_ - \_\_\_\_\_  
Operator's Well No. 203  
Well Pad Name: Fiber TFP 22

**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: _____
County: <u>Taylor</u>		Northing: _____
District: <u>Flemington</u>	Public Road Access: _____	
Quadrangle: <u>Rosemont</u>	Generally used farm name: <u>Fiber</u>	
Watershed: <u>Simpson Creek</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		<b>OOG OFFICE USE ONLY</b>
<input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED		<input type="checkbox"/> RECEIVED/ NOT REQUIRED
<input checked="" type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED		<input type="checkbox"/> RECEIVED
<input type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or  <input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)		<input type="checkbox"/> RECEIVED/ NOT REQUIRED
<input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION		<input type="checkbox"/> RECEIVED
<input checked="" type="checkbox"/> 5. PUBLIC NOTICE		<input type="checkbox"/> RECEIVED
<input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION		<input type="checkbox"/> RECEIVED

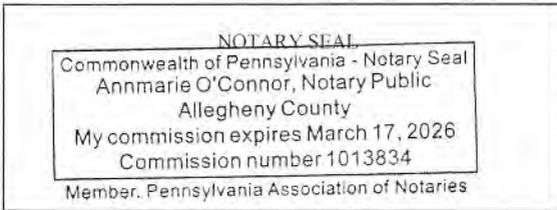
**Required Attachments:**

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 Class II Legal Advertisement 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 Dave Boyer, 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>Arsenal Resources</u>	Address:	<u>6031 Wallace Road Ext Suite 101</u>
By:	<u>Dave Boyer</u>		<u>Wexford PA 15090</u>
Its:	<u>Director of Geology &amp; Development Planning</u>	Facsimile:	<u></u>
Telephone:	<u>724-759-0088</u>	Email:	<u>dboyer@arsenalresources.com</u>



Subscribed and sworn before me this 20<sup>th</sup> day of October 2022  
Annmarie O'Connor Notary Public  
 My Commission Expires 3/17/2026

**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](mailto:depprivacyofficer@wv.gov).

WW-6A  
(9-13)

API NO. 47- \_\_\_\_\_  
OPERATOR WELL NO. 203  
Well Pad Name: Fiber TFP 22

**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:** 10/20/22 **Date Permit Application Filed:** 10/20/22

**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: CFS Farms LLC  
Address: P.O. Box 297  
Flemington, WV 26347

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: CFS Farms LLC  
Address: P.O. Box 297  
Flemington, WV 26347

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments or Pits)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE

Name: See attached  
Address: \_\_\_\_\_

COAL OPERATOR

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)

Name: CFS Farms LLC  
Address: P.O. Box 297  
Flemington, WV 26347

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

**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 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://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

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 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

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.**

4709101373

WW-6A  
(8-13)

API NO. 47- \_\_\_\_\_  
OPERATOR WELL NO. 203  
Well Pad Name: Fiber TFP 22

**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.

12/02/2022

WW-6A  
(8-13)

API NO. 47- 4709101373  
OPERATOR WELL NO. 203  
Well Pad Name: Fiber TFP 22

**Notice is hereby given by:**

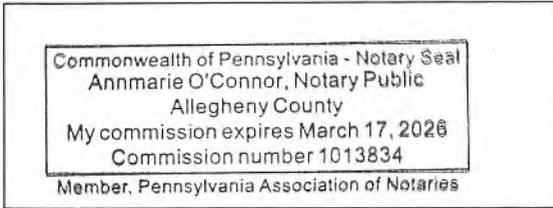
Well Operator: Arsenal Resources  
Telephone: 724-759-0088  
Email: dboyer@arsenalresources.com



Address: 6031 Wallace Road Suite 101  
Wexford PA 15090  
Facsimile: \_\_\_\_\_

**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 [deprivacyofficer@wv.gov](mailto:deprivacyofficer@wv.gov).



Subscribed and sworn before me this 20<sup>th</sup> day of October 2022

Annmarie O'Connor Notary Public

My Commission Expires 3/17/2026

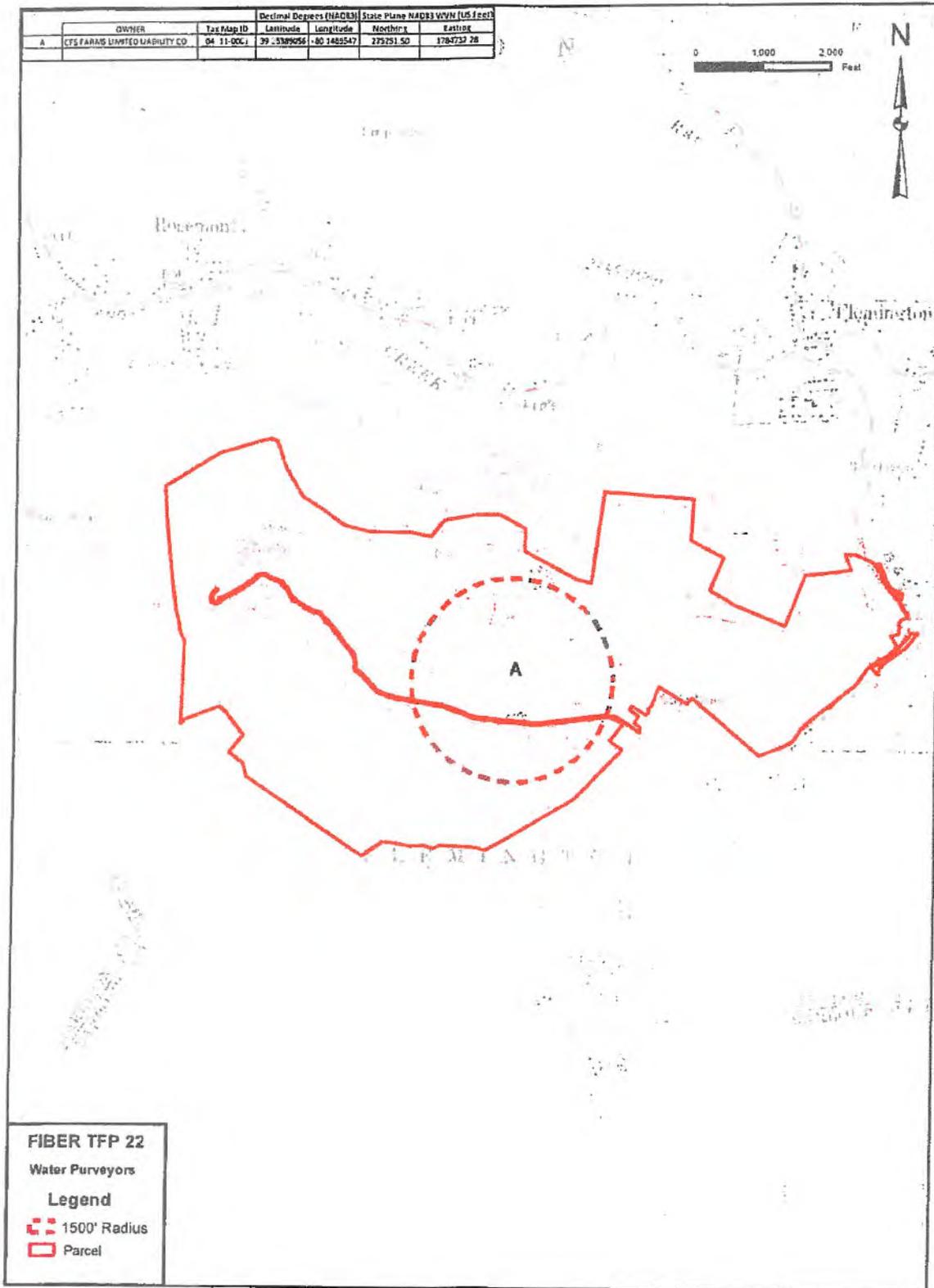
**Arsenal Resources  
Fiber TFP 22  
WW-6A – Notice of Application, Attachment**

**Coal Owner or Lessee:**

CoalQuest Development, LLC  
Attn: Chuck Duckworth  
100 Tygart Drive  
Grafton, West Virginia 26354

Martha J. Bobella  
10 Howard Street, Apt A.  
Grafton, WV 26354

OCMAHRR LLC  
4620 Simpson Rd  
Grafton, WV 26354



## Potential Water Purveyor's

**Project:** Fiber TFP22  
**County:** Taylor  
**State:** West Virginia

The following surface owners may have water supplies within 1,500 feet of the  
Fiber TFP22 well pad location:

	Name	Tax Map ID	Address
A	CFS FARMS LIMITED LIABILITY CO	04- 11-0001	PO Box 297, Flemington, WV 26347

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF ENTRY FOR PLAT SURVEY**

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11/15/2017      **Date of Planned Entry:** 11/22/2017

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

SURFACE OWNER(s)

Name: CFS Farms LLC

Address: P.O. Box 297  
Flemington, WV 26347

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

COAL OWNER OR LESSEE

Name: See Attached

Address: \_\_\_\_\_

MINERAL OWNER(s)

Name: See Attached

Address: \_\_\_\_\_

\*please attach additional forms if necessary

**Notice is hereby given:**

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: _____	Approx. Latitude & Longitude: <u>39.252738, -80.146991</u>
County: _____	Public Road Access: _____
District: _____	Watershed: _____
Quadrangle: _____	Generally used farm name: _____

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

**Notice is hereby given by:**

Well Operator: *RSchweitzer*      Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_      Facsimile: \_\_\_\_\_

**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](mailto:depprivacyofficer@wv.gov).

**Arsenal Resources**  
**Fiber TFP 22**  
**WW-6A3 – Notice of Entry for Plat Survey, Attachment**

**Mineral Owner(s):**

Robert Sinsel  
32 Countryside Dr.  
Hendersonville, NC 287929498

Patricia Ann Saltis  
649 Easy St.  
Bridgeport, WV 26330

Sandra Sinsel  
450 Cherry St.  
Bridgeport, WV 26330

Charles E. Pryor  
606 Stout St.  
Bridgeport, WV 26630

**Thomas W. Brohard Jr. Heirs:**

1.) % Charlotte McGinnis,  
259 Littleton Quarter  
Williamsburg, VA 23185

2.) % Thomas W. Brohard III  
81905 Mountain View Lane  
LaQuinta CA 92253

**Alma Muir Testamentary Trust**  
Alma May Brohard Muir  
C/O Woodlands Bank, 2450 Third St  
Williamsport, PA 17701

**Michael C. Colebank**  
Michael C. & Marlene Colebank  
592 Black Cherry Dr  
Fairmont, WV 26554

**Vietta Fleming Hawkins**  
Vietta Fleming & Frank Hawkins  
613 Worthington Dr  
Bridgeport, WV 26330

**Mineral Owner(s) continued:****A. Brooks Fleming Heirs:**

1. % Verr M. Hinkle ✓  
P.O. Box 2121  
Buckhannon WV 26201
2. % Jeffrey C. Hinkle ✓  
P.O. Box 2663  
Buckhannon WV 26201
- 3.) % Judy Mae Rodgers ✓  
436 Clemens Road  
Anacoco, LA 71403-8406
- 4.) % Mark Lee Waldo ✓  
10 Gum Street  
Buckhannon, WV 26201
- 5.) % Michael Max Waldo ✓  
857 Fishing Camp Road  
Buckhannon, WV 26201

**Coal Owner or Lessee:**

CoalQuest Development, LLC ✓  
Attn: Chuck Duckworth  
100 Tygart Drive  
Grafton, West Virginia 26354

Martha J. Bobella ✓  
10 Howard Street, Apt A.  
Grafton, WV 26354

OCMAHRR LLC ✓  
4620 Simpson Rd  
Grafton, WV 26354

4709101373

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:** 10/20/2022 **Date Permit Application Filed:** 10/20/2022

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

CERTIFIED MAIL   
RETURN RECEIPT REQUESTED 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: CFS Farms LLC Name: \_\_\_\_\_  
Address: P.O. Box 297 Address: \_\_\_\_\_  
Flemington, WV 26347

**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: \_\_\_\_\_ UTM NAD 83 Easting: \_\_\_\_\_  
County: \_\_\_\_\_ Northing: \_\_\_\_\_  
District: \_\_\_\_\_ Public Road Access: \_\_\_\_\_  
Quadrangle: \_\_\_\_\_ Generally used farm name: \_\_\_\_\_  
Watershed: \_\_\_\_\_

**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 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

Well Operator: Arsenal Resources Address: 6031 Wallace Road Ext Suite 101  
Telephone: 724-759-0088 Wexford PA 15090  
Email: dboyer@arsenalresources.com Facsimile: \_\_\_\_\_

**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 of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).



4709101373

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
**Division of Highways**

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

D. Alan Reed, P.E.  
State Highway Engineer

Jimmy Wriston, P. E.  
Secretary of Transportation  
Commissioner of Highways

March 22, 2022

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

Subject: DOH Permit for the Elmer Pad, Taylor County  
Fiber TFP 22 #203 Well Site ✓

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2018-0687 which has been issued to ARSENAL Resources for access to the State Road for a well site located off Taylor County Route 3/13 SLS MP 0.60.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a DISTRICT WIDE 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. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

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

Cc: Ross Schweitzer  
ARSENEL Resources  
CH, OM, D-4  
File

<b>FRACTURING ADDITIVES</b>			
	<b>PURPOSE</b>	<b>TRADE NAME</b>	<b>CAS #</b>
Additive #1:	Friction Reducer	WFRA-405	Proprietary
Additive #2:	Scale Inhibitor	SI-1000	7440-21-3
Additive #3:	Biocide	BIOCLEAR 2000	25314-61-8
Additive #4:	Gelling Agent	LGC-15	9000-30-0
Additive #5:	Corrosion Inhibitor	AI-300	111-76-2
Additive #6:	Gel Breaker	AP-One	7727-54-0
Additive #7:	Acid	HCl - 7.5%	7647-01-0

4709101373

# EROSION & SEDIMENT CONTROL PLAN

## FIBER TFP22 WELL SITE TAYLOR COUNTY, WEST VIRGINIA FOR



*Ernest L. Keyolke*  
7-18-18

DATE	7/18/18
PROJECT NO.	17078-006
CLIENT	DIEFFENBAUCH & HRITZ, LLC
LOCATION	FIBER TFP22 WELL SITE
SCALE	AS SHOWN

THIS PLAN IS A PRELIMINARY DESIGN. ANY CHANGES TO THIS PLAN MUST BE APPROVED BY THE ENGINEER OF RECORD. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED IN THIS PLAN. THE USER OF THIS PLAN IS AT ALL TIMES RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THIS PLAN IS AT ALL TIMES RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

NO.	DATE	DESCRIPTION
1	7/18/18	ISSUED FOR PERMIT
2	7/18/18	ISSUED FOR PERMIT
3	7/18/18	ISSUED FOR PERMIT
4	7/18/18	ISSUED FOR PERMIT
5	7/18/18	ISSUED FOR PERMIT
6	7/18/18	ISSUED FOR PERMIT
7	7/18/18	ISSUED FOR PERMIT
8	7/18/18	ISSUED FOR PERMIT
9	7/18/18	ISSUED FOR PERMIT
10	7/18/18	ISSUED FOR PERMIT
11	7/18/18	ISSUED FOR PERMIT
12	7/18/18	ISSUED FOR PERMIT
13	7/18/18	ISSUED FOR PERMIT
14	7/18/18	ISSUED FOR PERMIT
15	7/18/18	ISSUED FOR PERMIT
16	7/18/18	ISSUED FOR PERMIT
17	7/18/18	ISSUED FOR PERMIT
18	7/18/18	ISSUED FOR PERMIT
19	7/18/18	ISSUED FOR PERMIT
20	7/18/18	ISSUED FOR PERMIT



PROJECT NO. 17078-006  
MAY 2018

### DIEFFENBAUCH & HRITZ, LLC



INDEX	
NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	CONSTRUCTION DETAILS
4	CONSTRUCTION DETAILS
5	CONSTRUCTION DETAILS
6	CONSTRUCTION DETAILS
7	CONSTRUCTION DETAILS
8	CONSTRUCTION DETAILS
9	CONSTRUCTION DETAILS
10	CONSTRUCTION DETAILS
11	CONSTRUCTION DETAILS
12	CONSTRUCTION DETAILS
13	CONSTRUCTION DETAILS
14	CONSTRUCTION DETAILS
15	CONSTRUCTION DETAILS
16	CONSTRUCTION DETAILS
17	CONSTRUCTION DETAILS
18	CONSTRUCTION DETAILS
19	CONSTRUCTION DETAILS
20	CONSTRUCTION DETAILS

*Ernest L. Keyolke*  
3-30-22



WEST VIRGINIA PROFESSIONAL ENGINEERS BOARD  
 STATE OF WEST VIRGINIA  
 PROFESSIONAL ENGINEER  
 ERNEST L. KEYOLKE  
 NO. 18270  
 EXPIRES 5-30-18

ARSENAL RESOURCES

FIBER TFP22 WELL SITE

TITLE SHEET

1

# EROSION & SEDIMENT CONTROL PLAN

## FIBER TFP22 WELL SITE TAYLOR COUNTY, WEST VIRGINIA FOR



REFERENCES: UNITED STATES GEOLOGICAL SURVEY - ROSEMOUNT AND SAGWORTH QUADRANCE, WEST VIRGINIA, 7.5 MINUTE SERIES



PROJECT NO. 17078-008

AUGUST 2018

DIEFFENBAUCH & HRITZ, LLC



LOD SUMMARY			
PAPED	SCREENS	PODS	SCREENS
COUNTY ROAD 813 (DIBELT RD)	3137	C&E LANE (PARTIAL) HWY 103 (R-2)	2678
	9342	86-20-211 005-000-000	1700

THE PAD AND LOD (INCLUDING ESD CONTROL FEATURES) IS WITHIN 100 FEET OF A PERENNIAL STREAM OR WETLAND.

THE PAD AND LOD (INCLUDING EAR CONTROL FEATURES) IS NOT WITHIN 300 FEET TO A NATURALLY PRODUCKING TRIBUTARY.

THE PAD AND LOD (INCLUDING EAS CONTROL FEATURES) IS NOT WITHIN 1000 FEET TO A GROUNDWATER INTAKE OR PUBLIC WATER SUPPLY.

THE WELL IS NOT WITHIN 250 FEET TO AN EXISTING WATER WELL OR DEVELOPED SPRING.

THE CENTER OF THE PAD IS AT LEAST 425 FEET FROM AN OCCUPIED DWELLING STRUCTURE.

THE CENTER OF THE PAD IS AT LEAST 425 FEET FROM AN AGRICULTURAL BUILDING LARGER THAN 300 SQUARE FEET.

LOD SUMMARY (ACRES)	
ACCESS ROAD	0.527
WELL PAD	0.395
TANK PAD	0.335
STOCKPILE	0.208
TOTAL	1.465
TRAIL CLEARANCE	1.196

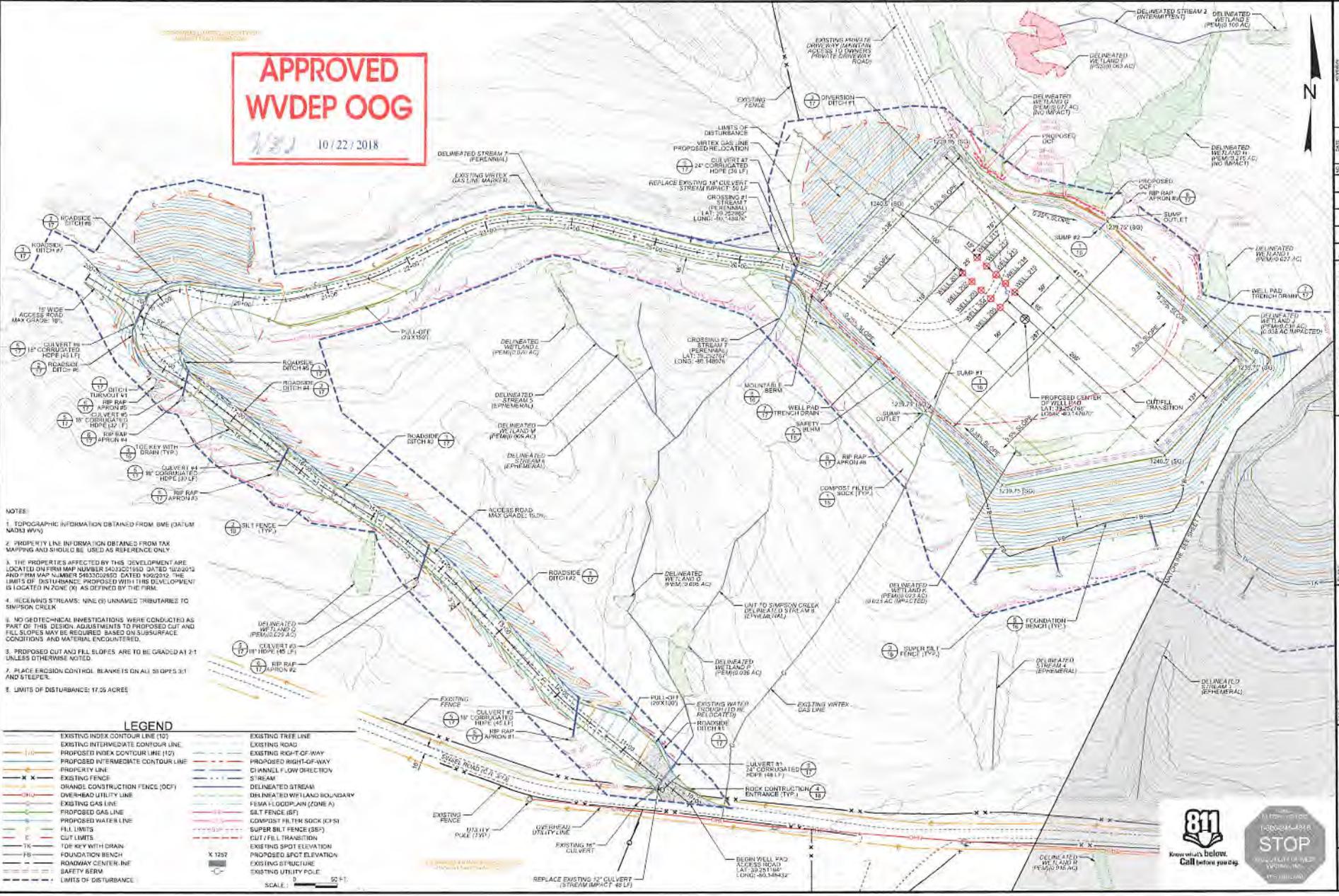
INDEX	
DRAWING NO.	TITLE
1	TITLE SHEET
2	CENTRAL NOTES
3	EXISTING SITE PLAN
4	SCALE PLAN
5	OVERALL SITE PLAN
6	PROPOSED SITE PLAN
6-F	ACCESS ROAD PROFILES
6-10	WELL PAD ACCESS ROAD CROSS - SECTIONS
11	TANK PAD ACCESS ROAD CROSS - SECTIONS
12	WELL PAD CROSS - SECTIONS
13	TANK PAD CROSS - SECTIONS
13A	STOCKPILE CROSS - SECTIONS
14	REVEGETATION PLAN
15	SITE RESTORATION PLAN
15-16	BAR DETAILS
19	QUANTITIES

*Robert L. Parson*  
3-30-22



PROJECT: FIBER TFP22 WELL SITE  
 SHEET: TITLE SHEET  
 DATE: 8/30/2018  
 DRAWN BY: [blank]  
 CHECKED BY: [blank]  
 APPROVED BY: [blank]  
 PROJECT NO: 17078-008  
 DIEFFENBAUCH & HRITZ, LLC  
 1000 MARKET STREET  
 MARTINSBURG, WV 26151  
 P. 304.528.3000 F. 304.528.3007

**APPROVED WVDEP OOG**  
 1/21 10/22/2018



- NOTES:**
1. TOPOGRAPHIC INFORMATION OBTAINED FROM BME (DATUM NAD83 MPM)
  2. PROPERTY LINE INFORMATION OBTAINED FROM TAX MAPPING AND SHOULD BE USED AS REFERENCE ONLY
  3. THE PROPERTIES AFFECTED BY THIS DEVELOPMENT ARE LOCATED ON FIRM MAP NUMBER 540320150 DATED 10/22/09 AND FIRM MAP NUMBER 561020020 DATED 10/22/09. THE LIMITS OF DISTURBANCE PROPOSED WITH THIS DEVELOPMENT IS LOCATED IN ZONE 'B' AS DEFINED BY THE FIRM.
  4. HEADINGS STREAMS: NINE (9) UNNAMED TRIBUTARIES TO SIMPSON CREEK
  5. NO GEOTECHNICAL INVESTIGATIONS WERE CONDUCTED AS PART OF THIS DESIGN. ADJUSTMENTS TO PROPOSED CUT AND FILL SLOPES MAY BE REQUIRED BASED ON SUBSURFACE CONDITIONS AND MATERIAL ENCOUNTERED.
  6. PROPOSED CUT AND FILL SLOPES ARE TO BE GRADED AT 2:1 UNLESS OTHERWISE NOTED.
  7. PLACE EROSION CONTROL BLANKS IN (ON ALL) SLOPES 3:1 AND STEEPER.
  8. LIMITS OF DISTURBANCE: 17.25 ACRES

**LEGEND**

- |  |                                    |  |                             |
|--|------------------------------------|--|-----------------------------|
|  | EXISTING INDEX CONTOUR LINE (10)   |  | EXISTING TREE LINE          |
|  | EXISTING INTERMEDIATE CONTOUR LINE |  | EXISTING ROAD               |
|  | PROPOSED INDEX CONTOUR LINE (12)   |  | EXISTING RIGHT-OF-WAY       |
|  | PROPOSED INTERMEDIATE CONTOUR LINE |  | STREAM                      |
|  | PROPERTY LINE                      |  | DELIMITED STREAM            |
|  | EXISTING FENCE                     |  | DELIMITED WETLAND BOUNDARY  |
|  | ORANGE CONSTRUCTION FENCE (OCF)    |  | FEMA FLOODPLAIN (ZONE A)    |
|  | OVERHEAD UTILITY LINE              |  | S&T FENCE (SFT)             |
|  | PROPOSED GAS LINE                  |  | COMPOSITE FILTER SOCK (CFS) |
|  | PROPOSED WATER LINE                |  | SUPER SILT FENCE (SSF)      |
|  | FULL LIMITS                        |  | CUT/FILL TRANSITION         |
|  | E LIMITS                           |  | EXISTING SPOT ELEVATION     |
|  | TUR KEY WITH DRAIN                 |  | PROPOSED SPOT ELEVATION     |
|  | FOUNDATION BENCH                   |  | EXISTING STRUCTURE          |
|  | ROADWAY CENTER LINE                |  | EXISTING UTILITY POLE       |
|  | SAFETY BERM                        |  |                             |
|  | LIMITS OF DISTURBANCE              |  |                             |

SCALE: 1" = 50 FT

DATE	10/22/2018
PROJECT	FIBER FP22 WELL SITE
CLIENT	ARSENAL
DESIGNER	DIFFENBAUGH & HERTZ, LLC
SCALE	AS SHOWN
PROJECT NO.	17278-008
DATE	AUG 2018
PROJECT NO.	17278-008
PROJECT NAME	FIBER FP22 WELL SITE
PROJECT LOCATION	17278-008
PROJECT OWNER	ARSENAL
PROJECT CONTACT	17278-008
PROJECT ADDRESS	17278-008
PROJECT CITY	17278-008
PROJECT STATE	17278-008
PROJECT ZIP	17278-008
PROJECT COUNTY	17278-008
PROJECT DISTRICT	17278-008
PROJECT PHASE	17278-008
PROJECT STATUS	17278-008
PROJECT DESCRIPTION	17278-008
PROJECT CONTACT	17278-008
PROJECT PHONE	17278-008
PROJECT FAX	17278-008
PROJECT EMAIL	17278-008
PROJECT WEBSITE	17278-008
PROJECT SOCIAL MEDIA	17278-008
PROJECT OTHER	17278-008

