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west virginia department of environmental protection

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

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

Thursday, December 1, 2022  
WELL WORK PERMIT  
Horizontal 6A / New Drill

TRIBUNE RESOURCES, LLC  
3861 AMBASSADOR CAFFERY PARKWAY, SUITE 600  
LAFAYETTE, LA 70503

Re: Permit approval for BFT 4H  
47-095-02834-00-00

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.

A blue ink signature of James A. Martin, Chief, is written over a white background.

James A. Martin  
Chief

Operator's Well Number: BFT 4H  
Farm Name: WEST VIRGINIA DEPT OF N   
U.S. WELL NUMBER: 47-095-02834-00-00  
Horizontal 6A New Drill  
Date Issued: 12/1/2022

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

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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.



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west virginia department of environmental protection

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

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

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

TO: Tribune Resources, LLC  
3861 Ambassador Caffery Park  
Lafayette, LA 70503

DATE: November 30, 2022  
ORDER NO.: 2022-W-7

**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 Tribune Resources, LLC (hereinafter "Tribune" 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. Tribune is a "person" as defined by W. Va. Code §22-6-1(n), with a corporate address as 3861 Ambassador Caffery Park, Lafayette, LA 70503.
3. On October 17, 2022, Tribune submitted well work permit applications identified as API# 47-095-02831, 47-095-02832, 47-095-02833, 47-095-02834, 47-095-02835, 47-095-02836, 47-095-02837 and 47-095-02838. The well is located on the BFT Pad in the McElroy District of Tyler County, West Virginia.
4. On October 17, 2022, Tribune requested a waiver for Wetlands 1 and 2, along with perennial streams Unnamed Tributary to Left Hand Fork and Left Hand Fork as outlined in Attachment 1, from well location restriction requirements in W. Va. Code §22-6A-12(b) for the well work permit applications identified as API# 47-095-02831, 47-095-02832, 47-095-02833, 47-095-02834, 47-095-02835, 47-095-02836, 47-095-02837 and 47-095-02838.

## 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 Wetlands 1 and 2, along with perennial streams Unnamed Tributary to Left Hand Fork and Left Hand Fork from well location restriction requirements in W. Va. Code §22-6A-12(b) for the well work permit applications identified as API# 47-095-02831, 47-095-02832, 47-095-02833, 47-095-02834, 47-095-02835, 47-095-02836, 47-095-02837 and 47-095-02838. The Office of Oil and Gas hereby **ORDERS** that Tribune shall meet the following site construction and operational requirements for the BFT Well Pad:

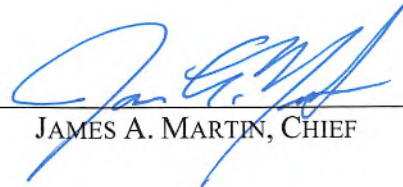
- a. A berm shall be constructed around the perimeter of the pad to contain any potential spills and storm water runoff. Berm is to be at least twenty-four inches (24”) in height;
- b. Erosion control blankets shall be installed on all slopes and down gradient locations of the pad as erosion and sediment controlling BMPs;
- c. Wetlands 1 and 2, along with perennial streams Unnamed Tributary to Left Hand Fork and Left Hand Fork shall be protected by thirty two inch (32”) compost filter sock and super silt fence. This along with temporary and permanent vegetative cover will prevent sediment from reaching the wetlands;
- d. Disturbed areas not used for operations shall be seeded and mulched per the seeding tables in the WVDEP-OOG Erosion and Sediment Control Manual;
- e. Drill cuttings and associated drilling mud shall be disposed of in a permitted landfill;
- f. Waste generated by the flowback treatment systems shall be sent to offsite disposal at a permitted landfill;
- g. Weekly site inspections shall be conducted to monitor and maintain the integrity of the BMP storm water controls;
- h. Weekly storm water and spill prevention inspections shall be conducted focusing on storm water and spill prevention BMPs and maintenance of these BMPs;
- i. 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;
- j. Pad inspections shall be conducted no less than once a week to identify and mitigate potential deficiencies;
- k. All records from inspections shall be maintained on site for the life of the project and be available upon request.

Thus ORDERED, the 30th day of November 2022.

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: TBD

Operator's Well Number: \_\_\_\_\_

Well Operator: Tribune Resources, LLC

Well Number: \_\_\_\_\_ Well Pad Name: BFT Well Pad

County, District, Quadrangle of Well Location: Tyler County, McElroy District, Center Point, W. VA.

**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.

12/02/2022

11/3/14

Wetland and Perennial Stream Waiver Request

API Number: TBD

Operator's Well Number: \_\_\_\_\_

**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.**

This project is located in McElroy District, Tyler County off of Left Hand Fork Road. There are two wetlands and two Perennial streams identified in the vicinity of the project which require a waiver.

Wetland #1: Located immediately north of the well pad across Left Hand Fork Road.

Wetland #2: Located immediately southwest of the well pad.

Unnamed Tributary to Left Hand Fork: Located immediately West of the well pad.

Left Hand Fork: Located immediately South of the well pad.

NOTE: Wetland #3 is impacted during construction. A Nationwide Permit 39 is being obtained from the ACOE.

- 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 result in the in-ability to extract any gas from this unit. The only available area for pad construction would be in the proposed location as shown in the attached drawing. Within this unit boundary there are no other viable pad locations, steepness of slopes, impacts to waters of the U.S., additional wetland impacts, and/or violating dwelling setbacks. In short, the land surface and gas below would be unable to be developed in the Unit Boundary shown.

b. Refer to Exhibit "B" for the following elimination of alternatives that would move the well pad greater than 100 feet away from the wetlands in question while keeping the same project location.

West: Moving the pad west would result in impacts to wetland #2. These impacts would end up being permanent. Also, would require a wetland waiver to wetland #1. In addition, the impact to wetland #3 would not be eliminated. This would also result in the center of wells being less than 625' from a dwelling.

South: Moving the pad south would result to an impact to the perennial stream (Left Hand Fork) due to the steep terrain.

East: Moving the pad east would result to an impact to the perennial stream (Left Hand Fork) due to the steep terrain and limited space available. This would potentially move the well pad outside the unit boundary.

North: Moving the pad north would result to impacts to wetland #1 and the perennial stream (Unnamed Tributary to Left Hand Fork). These impacts would end up being permanent. Also, would require a wetland waiver to wetland #2 & #3.

Refer to Exhibit "A" for the following elimination of alternatives that would move the well pad in a completely new location away from its current proposed location.

East: The site is unable to move east because it would result in the well pad being outside the unit boundary.

North: The site is unable to move north as the slopes are too steep and there would be direct stream impacts.

West: The site is unable to move west as the center of wells will be within 625' of dwellings. Also, any area that isn't too steep would cause direct impacts to streams.

South: The site is unable to move south as the slopes are too steep. Also, any area that isn't too steep would cause direct impacts to streams and the center of wells will be within 625' of dwellings.

c. A 100' buffer cannot be maintained because of the three wetlands delineated around the project location. An existing AST pad is being utilized to reduce earth disturbance as much as possible. The well pad cannot be any smaller due to the fact the drill rig would not fit.

d. This proposed project is the least environmentally damaging practicable alternative as it minimizes aquatic resource impacts. The proposed well pad is on an existing AST pad which will allow the least amount of earth disturbance during construction. Any other viable alternative would result in more earth disturbance and additional direct impacts/elimination of aquatic resources.

12/02/2022



11/3/14

Wetland and Perennial Stream Waiver Request

API Number: TBD

Operator's Well Number: \_\_\_\_\_

**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.**

There are two wetlands & two perennial streams located within 100 foot of the well pad's limit of disturbance.

Wetland #1 covers an area of 10,138 SF (0.232 acres) and is located north of the proposed well pad across Left Hand Fork Road. Prior to construction the limit of disturbance will be lined with orange safety fence near wetland #1 to ensure contractors are aware of its location. In addition, super silt fence and 32" compost filter sock will be utilized as the primary erosion and sediment control BMP near wetland #1.

Wetland #2 covers an area of 4,882 SF (0.110 acres) and is located west of the proposed well pad. There will be no additional work in this area of the proposed well pad because the existing AST pad and containment berm is being utilized in this location.

Perennial Stream (Left Hand Fork) is located south of the proposed well pad location. Where new construction is needed super silt fence and 32" compost filter sock lined the fill slope as the primary erosion and sediment control BMP.

Perennial Stream (Unnamed Tributary Left Hand Fork) is located west of the proposed well pad location. There will be no additional work in this area of the proposed well pad because the existing AST pad and containment berm is being utilized in this location.

**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.

An Erosion and Sediment Control and Site Plan has been provided. In addition, blow ups of the areas in question are also provided in this waiver.

The proposed well pad will utilize the existing containment berm from the existing AST pad and expand the containment berm where additional area for the well pad is proposed. This berm is 2.8' in height and has a base of 15.0'. A detail of this berm is provided on the Erosion and Sediment Control Plan. This provides more than adequate containment during and after drilling activities.

Wetland #1 is 35' from the proposed limit of disturbance. It is north across Left Hand Fork Road and 35' from the well pad top of slope.

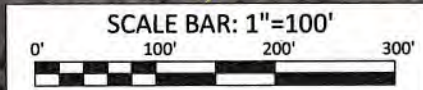
Wetland #2 is 70' from the proposed limit of disturbance. It is below an established fill slope that will not be disturbed.

Perennial Stream (Left Hand Fork) is 17' from the proposed limit of disturbance and 33' from the well pad toe of slope.

Perennial Stream (Unnamed Tributary Left Hand Fork) is 5' from the proposed limit of disturbance. It is below an established fill slope that will not be disturbed.

12/02/2022

- LEGEND**
- = PROJECT BOUNDARY (4.00 AC)
  - = TREELINE
  - = PROPERTY LINE
  - = WATERCOURSE
  - = RIGHT-OF-WAY
  - = WETLAND
  - = EXISTING GAS LINE
  - = EXISTING ELECTRIC LINE
  - = EXISTING FENCE
  - = EXISTING 2' CONTOURS
  - = EXISTING 10' CONTOURS
  - = PROPOSED 2' CONTOURS
  - = PROPOSED 10' CONTOURS
  - = ORANGE SAFETY FENCE

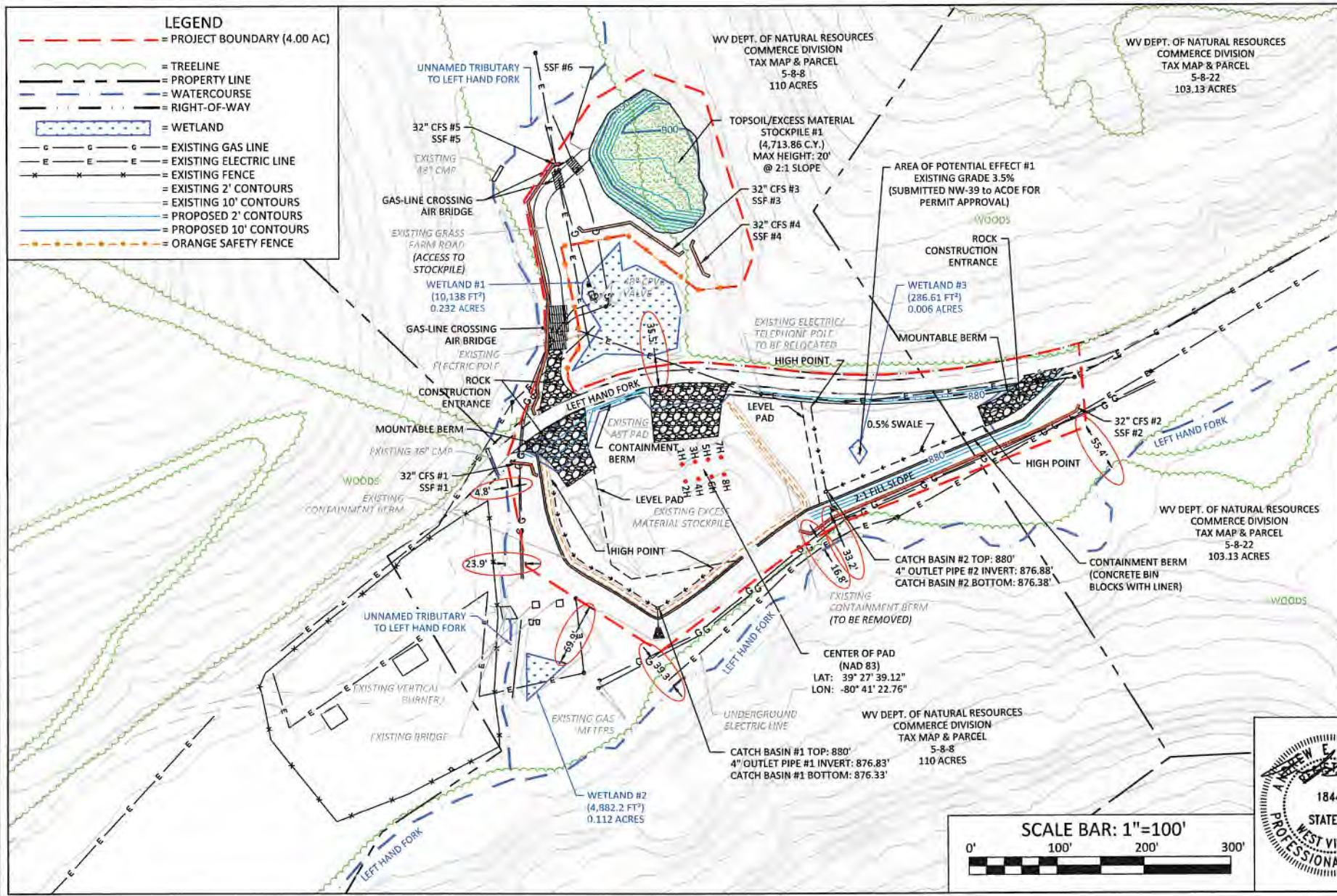


**BOORD, BENCHEK and ASSOC., INC.**  
 Engineering, Surveying, Construction,  
 and Mining Services  
 Southpoints, PA 15317 Phone: 724-746-0055

**EXHIBIT "C"**  
 THIS DOCUMENT WAS PREPARED BY:  
 BOORD, BENCHEK AND ASSOC., INC.  
 FOR: TRIBUNE RESOURCES, LLC

DATE:  
 JULY 2022  
 BFT WELL PAD  
 McLEODY DISTRICT,  
 TYLER COUNTY, WV

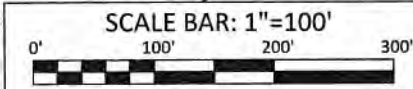
- LEGEND**
- - - - - = PROJECT BOUNDARY (4.00 AC)
  - ~~~~~ = TREELINE
  - — — — — = PROPERTY LINE
  - — — — — = WATERCOURSE
  - — — — — = RIGHT-OF-WAY
  - ▨▨▨▨▨ = WETLAND
  - G — G — G — = EXISTING GAS LINE
  - E — E — E — = EXISTING ELECTRIC LINE
  - X — X — X — = EXISTING FENCE
  - — — — — = EXISTING 2' CONTOURS
  - — — — — = EXISTING 10' CONTOURS
  - — — — — = PROPOSED 2' CONTOURS
  - — — — — = PROPOSED 10' CONTOURS
  - · — · — · — = ORANGE SAFETY FENCE



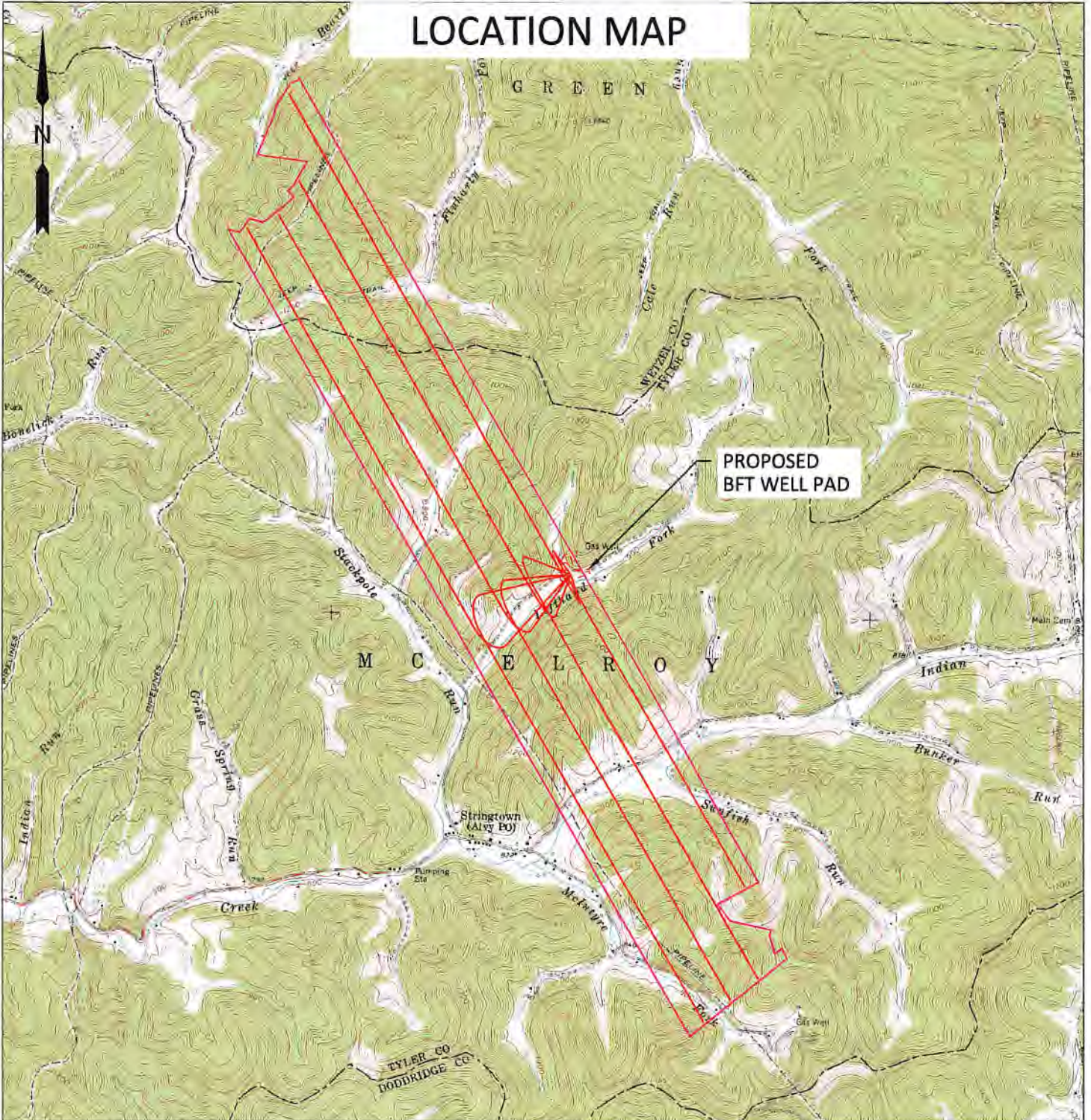
BOORD, BENCHEK and ASSOC., INC.  
 Engineering, Surveying, Construction,  
 and Mining Services  
 Southpointe, PA 15317 Phone: 724-746-1055

EXHIBIT "B"  
 THIS DOCUMENT WAS PREPARED BY:  
 BOORD, BENCHEK AND ASSOC., INC.  
 FOR: TRIBUNE RESOURCES, LLC

DATE:  
 JULY 2022  
 BFT WELL PAD  
 McELROY DISTRICT,  
 TYLER COUNTY, WV



# LOCATION MAP



## LEGEND

- - - - - Project Boundary (4.00 Acres)
- BFT Laterals
- Unit Boundary

## EXHIBIT "A"

**SCALE BAR: 1"=3000'**

0'                      3000'                      6000'                      9000'



True Latitude: NORTH (NAD 83)  
39° 27' 39.12"

True Longitude: WEST(NAD 83)  
-80° 41' 22.76"

True Latitude: NORTH (NAD 27)  
39° 27' 38.82"

True Longitude: WEST(NAD 27)  
-80° 41' 23.39"

Applicant / Well Operator Name  
**TRIBUNE RESOURCE, LLC**

Address:  
3861 AMBASSADOR CAFFERY PARKWAY SUITE 600,  
LAFAYETTE, LA 70503

Well Name  
**BFT WELL PAD**

County  
**TYLER**

Municipality  
**McELROY DISTRICT**

USGS 71/2 Quadrangle Map Name  
**CENTER POINT, W. VA.**

Map Section  
**1**

**12/02/2022**

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

1) Well Operator: Tribune Resources, LLC 494522341 Tyler McElroy Center Point  
Operator ID County District Quadrangle

2) Operator's Well Number: BFT 4H Well Pad Name: BFT

3) Farm Name/Surface Owner: WV DNR Public Lands Corp Public Road Access: CR 13/8

4) Elevation, current ground: 880' Elevation, proposed post-construction: 880'

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

Other \_\_\_\_\_

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

Horizontal

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Associated Pressure(s):  
Target formation: Marcellus, Down-Dip well, Target top TVD 6905', Target base 6955', Anticipated thickness: 50', Anticipated Pressure: 4600 psi

8) Proposed Total Vertical Depth: 6,930'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17,290.85'

11) Proposed Horizontal Leg Length: 9,620'

12) Approximate Fresh Water Strata Depths: 475'

13) Method to Determine Fresh Water Depths: Based on drilling history in nearby wells

14) Approximate Saltwater Depths: 975'

15) Approximate Coal Seam Depths: 1270'

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

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

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

RECEIVED  
Office of Oil and Gas  
OCT 17 2022  
WV Department of  
Environmental Protection

WW-6B  
(10/14)

API NO. 47- 95  
OPERATOR WELL NO. BFT 4H  
Well Pad Name: BFT

18)

**CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	120'	120'	225, SX/CTS
Fresh Water	13-3/8"	New	J-55	54.5#	650'	650'	635, SX/CTS
Coal							
Intermediate	9-5/8"	New	J-55	40#	3000'	3000'	1405, SX/CTS
Production	5-1/2"	New	P-110	20#	17,290'	17,290'	4800, SX/CTS
Tubing							
Liners							

*Harold L. Reynolds*  
10-11-22

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Max. Associated Surface Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	26"	0.438"	2110	50	Class A	1.2/50% Excess
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	800	HalCem	1.2/30% Excess
Coal							
Intermediate	9-5/8"	12-1/4"	0.395"	3950	1500	HalCem	1.378/30% Excess
Production	5-1/2"	8-3/4"	0.361	12640	5000	NeoCem	1.04/31% Excess
Tubing							
Liners							

**PACKERS**

Kind:				RECEIVED Office of Oil and Gas  OCT 17 2022  WV Department of Environmental Protection
Sizes:				
Depths Set:				

WW-6B  
(10/14)

4709502834  
API NO. 47-95 -  
OPERATOR WELL NO. BFT 4H  
Well Pad Name: BFT

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

The well will be spud using a conductor rig. It will drill down 100' per the casing program. It will set 20" casing and circulate cement back to surface. The conductor rig will move off location, a rig capable of drilling to TD will be moved in to complete the well. We will drill to 650' on fluid and set a 13-3/8" fresh water casing string. Drilling will continue to 3,000' where 9-5/8" casing will be set. Note: If we should encounter a void during drilling, a cement basket will be placed above and below void area-balance cement to bottom of void and grout from basket to surface or run external casing packer/cementing stage tool above void interval and perform 2 stage cementing operation dependent upon depth of void. (\*If freshwater is encountered deeper than anticipated, it must be protected, set casing 50' below and cement to surface). We will continue drilling the well to total depth and run/cement casing as per the attached program.

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

Multi-stage slickwater fracturing with frac sand. Wireline conveyed pump down frac plug and perforating to isolate frac stages. Maximum pressure will be 10,000 psig. and maximum rate will be 95 bpm.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 4

22) Area to be disturbed for well pad only, less access road (acres): 3.54

23) Describe centralizer placement for each casing string:

Conductor: N/A  
Surface: Centralizer every 3 joints or 120'  
Intermediate: Centralizer every 3 joints or 120'  
Production: Run 1 spiral centralizer every 120' from TD to the top of the curve  
Run 1 spiral centralizer every 200' from the top of the curve to surface

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

Conductor: Class A cement (see attachment for complete description)  
Surface: Class A cement (see attachment for complete description)  
Intermediate: Class A cement (see attachment for complete description)  
Productions: /50-50 Poz/Class A lead, Class A cement tail (see attachment for complete description)

25) Proposed borehole conditioning procedures:

The wellbore will be properly circulated at TD of each section until as much residual drill cuttings have been removed from the wellbore as possible, residual gas has been circulated out and the mud and wellbore are both in good, stable condition. Mud properties will be adjusted, if needed to ensure clean hole. Hole cleaning times will vary by hole section and from well to well.

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\*Note: Attach additional sheets as needed.

**CEMENT ADDITIVES FOR WW-6B****CONDUCTOR:**

- **Class A Cement**
- **2% Calcium Chloride**
- **0.25 PPS Flake LCM**

**SURFACE (Tail):**

- **HALCEM™ System**    Class A Cement  
                                  Defoamer  
                                  Retarder  
                                  Dispersant

**INTERMEDIATE (Tail):**

- **HALCEM™ System**    Class A Cement  
                                  Defoamer  
                                  Retarder  
                                  Dispersant

**PRODUCTION (Tail):**

- **NeoCem™ System**    Class A Cement  
                                  Defoamer  
                                  Retarder  
                                  Dispersant

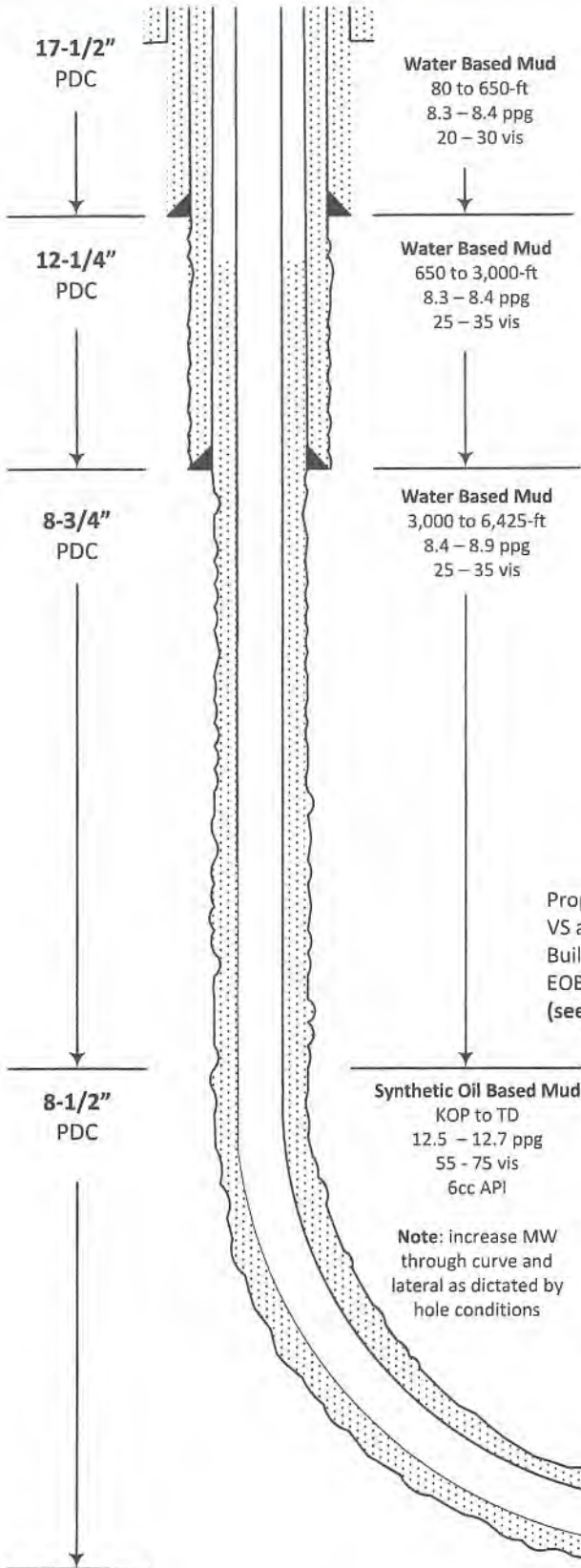




**TRIBUNE**  
RESOURCES

**BFT 4H 4709502834**

County, State: Tyler, West Virginia		Township:	Location:	Formation: Marcellus
Coordinates: NAD 83	SHL Lat/Long: N 4367972.6, E 526684.6	RKB / Elevation: 905'/880'		AFE DC/CWC:
	BHL Lat/Long: N 4365183.3, E 527802.0			USDW: 504'
Rig: TBD	Target Line:			API: 47-95-XXXX AFE #:



Interval	Hole size (in)	Size (in)	Weight #/ft	Grade	Conn.	Collapse (PSI)	Burst (PSI)	Depth (ft)	Cost \$/ft
Conductor	26"	20"	-	-	-	-	-	120	
Surface	17-1/2"	13-3/8"	54.5	J-55	BTC	1,130	2,730	650	
Intermediate	12-1/4"	9-5/8"	40	J-55	LTC	2,570	3,950	3,000	
Production	8-3/4"	5-1/2"	20	P-110	TBD	11,080	12,640	17,290	

Interval	Slurry	Weight	Ft <sup>3</sup>	Yield	Excess	Cement Top
Conductor	Tail	15.6 ppg	225	1.20 cuft/sk	50%	Surface
	Lead					
Surface	Tail	15.6 ppg	633	1.20 cuft/sk	30%	Surface
	Lead					
Intermediate	Tail	15 ppg	1,405	1.378 cuft/sk	30%	Surface
	Lead					
Production	Tail	15.2 ppg	4,800	1.04 cuft/sk	10%	1,750
	Lead					

Proposed KOP at 6,425-ft MD  
 VS at KOP is -589-ft (nudge)  
 Build 8°/100-ft to 90° inc., 150° azi.  
 EOB at 7,669-ft MD  
 (see directional plan for specific details)

Synthetic Oil Based Mud  
 KOP to TD  
 12.5 – 12.7 ppg  
 55 - 75 vis  
 6cc API

Note: increase MW through curve and lateral as dictated by hole conditions

EOC at 7,669-ft MD / 6,930-ft TVD  
 90.5° inc., 150° azi., 116-ft VS  
 (see directional plan for specific details)

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 TD at 17,290-ft MD / 6,930-ft TVD  
 90° inc., 150° azi., 9,737-ft VS

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Tribune Resources, LLC OP Code 494522341

Watershed (HUC 10) Outlet Middle Island Creek Quadrangle Center Point

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: Closed loop system. No pits will be used.

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 see attached sheet titled UIC wells and landfills )
- Reuse (at API Number next anticipated well )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: Yes. See attached sheet titled Closed Loop Typical Description

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

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

Additives to be used in drilling medium? See attached sheet titled Drilling Additives

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) \_\_\_\_\_

-Landfill or offsite name/permit number? See attached sheet titled UIC Wells and Landfills

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

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

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

Company Official Signature [Signature]

Company Official (Typed Name) Lee Lawson

Company Official Title Regulatory/ HSE Director

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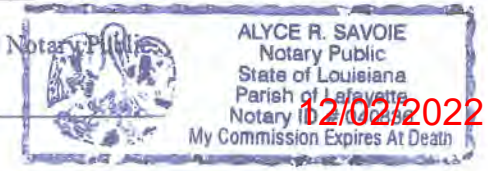
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Environmental Protection

Subscribed and sworn before me this 22<sup>nd</sup> day of September, 2022

[Signature]

My commission expires while life



Closed Loop System: Typical Design

Consists of a series of open top tanks that separate liquids and solids. A typical closed loop system is comprised of:

- Open top tanks
- Screened shale shakers
- *Drying shakers*
- Centrifuges
- Hydro cyclones

Cuttings are solidified on location and transferred off-site for disposal.

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4709502834

**Drilling Additive Information - Tier II Reporting**  
 (Please provide information for all chemicals & products for which an MSDS/SDS is required under 29 CFR 1910.1200)

Well Pad Name: BFT Pad

Date Products/Chemicals Arrived On-Site:  
 Number of Days Products/Chemicals Will be CTBD

Product	Container /Unit Size	Container Units	Max Daily Unit Quantity	Average Unit Quantity	Max Total Quantity (Unit Size X Max Unit Quantity)	Units	Physical State (solid, liquid, other)	Storage Location
Aquagel	50	lbs sack	60	30	3,000	lbs	solid	Chem Storage Area
Potassium Chloride	50	lbs sack	100	50	5,000	lbs	solid	Chem Storage Area
ADAPTA-L	5	gal can	20	12	100	gal	liquid	Chem Storage Area
Barite - Bulk	2,000	lbs bulk	30	25	60,000	lbs	solid	Barite Tank
Calcium Chloride Powder	50	lbs sack	600	400	30,000	lbs	solid	Chem Storage Area
DRILTREAT	55	gal drum	12	8	660	gal	liquid	Chem Storage Area
LE SUPERMUL	55	gal drum	40	25	2,200	gal	liquid	Chem Storage Area
RHEMOD L	55	gal drum	4	3	220	gal	liquid	Chem Storage Area
Lime	50	lbs sack	280	200	14,000	lbs	solid	Chem Storage Area
Base Oil	1	gal	36,000	24,000	36,000	gal	liquid	Chem Storage Area
SOBM	1	bbl	2,400	1,700	2,400	bbl	liquid	Pit Storage

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Landfills and UIC WellsLandfills

Wetzel County Landfill SWF-1021/WV0109185  
Brooke County Landfill SWF-1013/WV0109029

UICK&H

Well #1: SWIW #8 API Number: 34-009-2-3821-00  
Well #2: SWIW #10 API Number: 34-009-2-3823-00  
Well #3: SWIW #11 API Number: 34-009-2-3824-00

Red Bird Development

Well #1: SWIW #18 API Number: 34-167-2-9731-00  
Well #4: SWIW #24 API Number: 34-167-2-9767-00

Deep Rock

Heinrich #1: SWIW #21 API Number: 34-167-2-9445-00  
Heinrich #2: SWIW #22 API Number: 34-167-2-9464-00  
Vocational School #2: SWIW #20 API Number: 34-167-2-9543-00  
American Growers #1: SWIW #26 API Number: 34-167-2-9766-00

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**Tribune Resources, LLC**

Proposed Revegetation Treatment: Acres Disturbed 13.6 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 5.7

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch minimum of 2-3 Tons/acre

**Seed Mixtures**

**Temporary**

**Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

**See Attached**

**See Attached**

**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: \_\_\_\_\_

*Thomas L. Reynolds*

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

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Title: Oil & Gas Inspector

Date: 10-11-22

Field Reviewed?

Yes

No

Temporary and Permanent Seed Mix

250 lbs. /acre

**Mix Details**

Medium red clover	4%
Alsike clover	4%
Birds foot trefoil	6%
Forage tall fescue	45%
Forage perineal rye	20%
Annual rye	11%
Winter wheat	10%

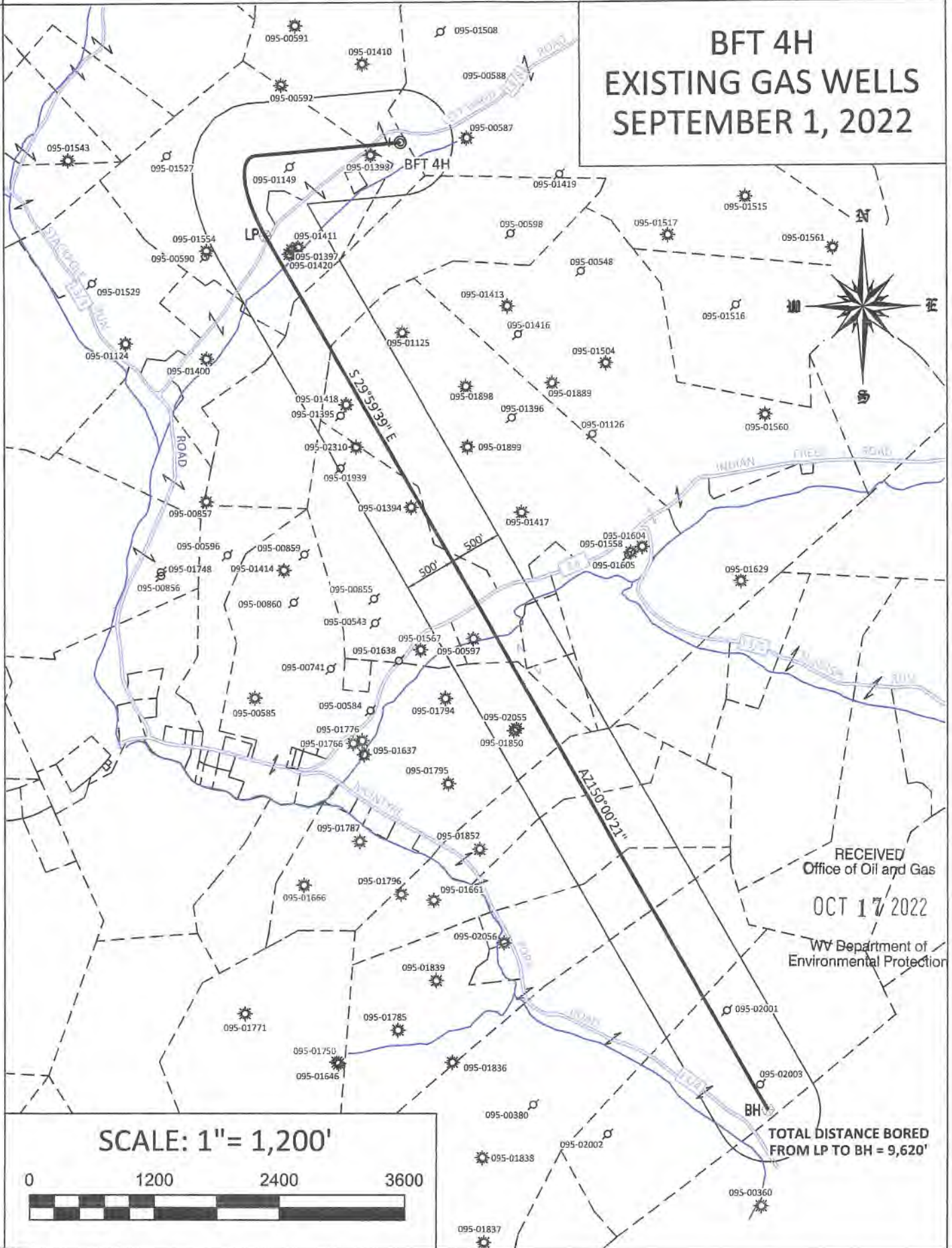
**Straw**

Winter - 3 ton per acre

Summer - 2 ton per acre

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# BFT 4H EXISTING GAS WELLS SEPTEMBER 1, 2022



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TOTAL DISTANCE BORED  
FROM LP TO BH = 9,620'

SCALE: 1" = 1,200'





4709502834

## BFT 4H AREA OF REVIEW

API Number	Well Name	Well Number	Operator	Latitude (NAD 83)	Longitude (NAD 83)	TMP	TVD	Producing Formation
095-01398	J Walters/C Wadsworth	19	Pennzoil Products Company	39.460638	-80.690621	5-8-21	2948	Gordon
095-01149	Jerry Walters	17	American Energy Partners	39.460225	-80.693612	5-8-21	2874	Gordon
095-01411	Jerry Walters	9	Pennzoil Products Company	39.458125	-80.693426	5-8-21	2920	Gordon
095-01397	Jerry Walters	16	East Resources	39.458125	-80.693239	5-8-21	2794	Gordon
095-01420	Jerry Walters	8	Pennzoil Products Company	39.458125	-80.693426	5-8-21	2974	Gordon
095-01418	J Jones	5	Pennzoil Products Company	39.454065	-80.691554	5-8-35	3220	Gordon
095-01395	Emaline Ash	7	East Resources	39.453775	-80.691741	5-8-35	3186	Gordon
095-02310	J W Jones	7H	Ascent Resources	39.452952	-80.691195	5-13-4	NA	NA
095-01939	American Energy Partners	8	American Energy Partners	39.452398	-80.691717	5-13-4	3167	Gordon
095-01394	E Ash/R&N Davis	6	Pennzoil Products Company	39.451455	-80.689309	5-13-4	3046	Gordon
095-00597	McMillan	3	South Penn Oil	39.687063	-80.687063	5-13-7	2698	Gordon
095-02055	Kenneth & Genieva Glover	6	HG Energy	39.446733	-80.682479	5-13-6	3411	Gordon
095-01850	Stephen Paul Glover	9	HG Energy	39.445655	-80.682574	5-13-6	3230	Gordon
095-02001	Frank Simon	3	HG Energy	39.438342	-80.67838	5-13-24	NA	NA
095-02003	Frank Simon	1	HG Energy	39.436383	-80.677227	5-13-24	2794	Gordon

# BFT 1H, 2H, 3H, 4H, 5H, 6H, 7H, & 8H Site Safety Plan

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RESOURCES

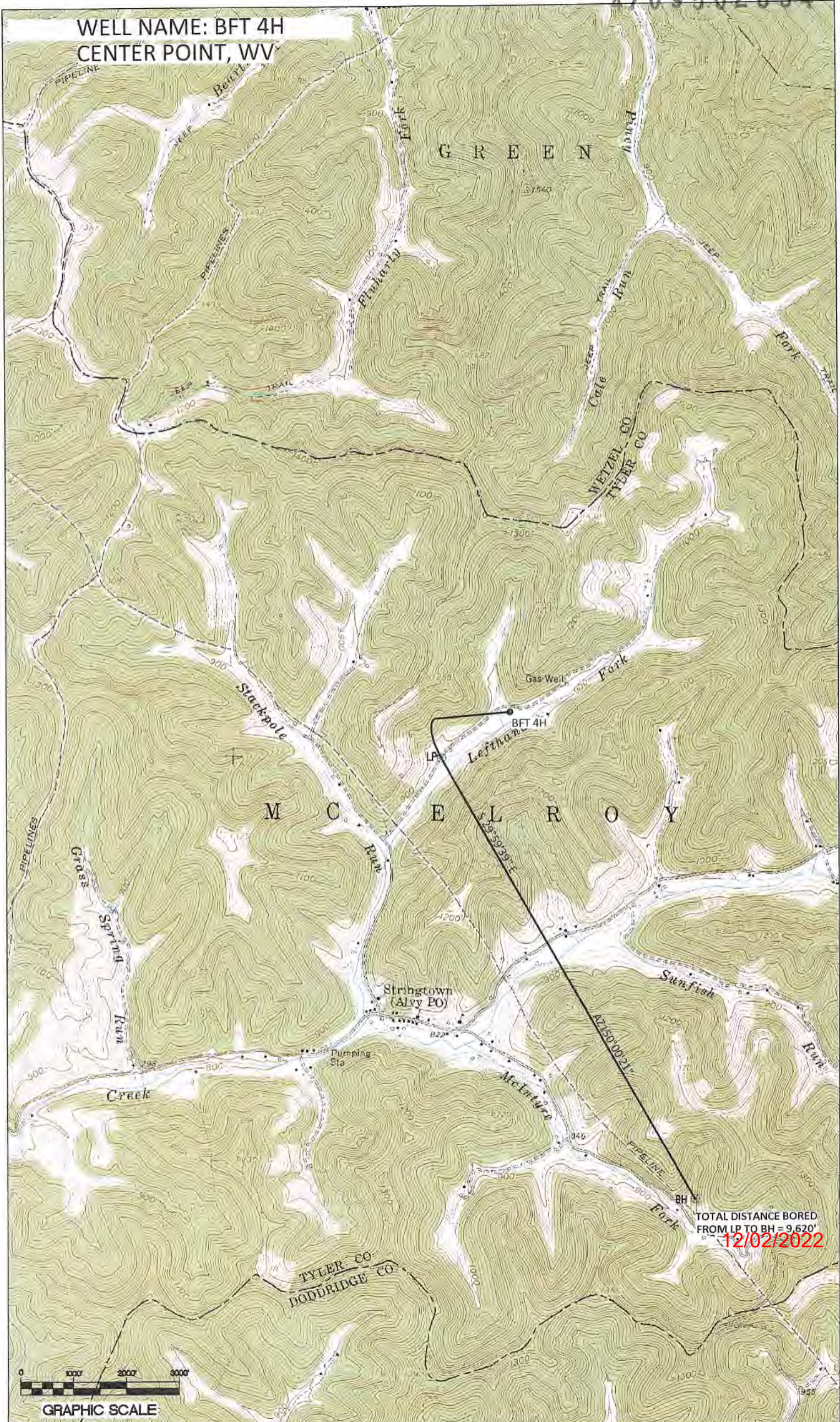
*Kenneth L. Karpolok*  
10-11-22

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WELL NAME: BFT 4H  
CENTER POINT, WV

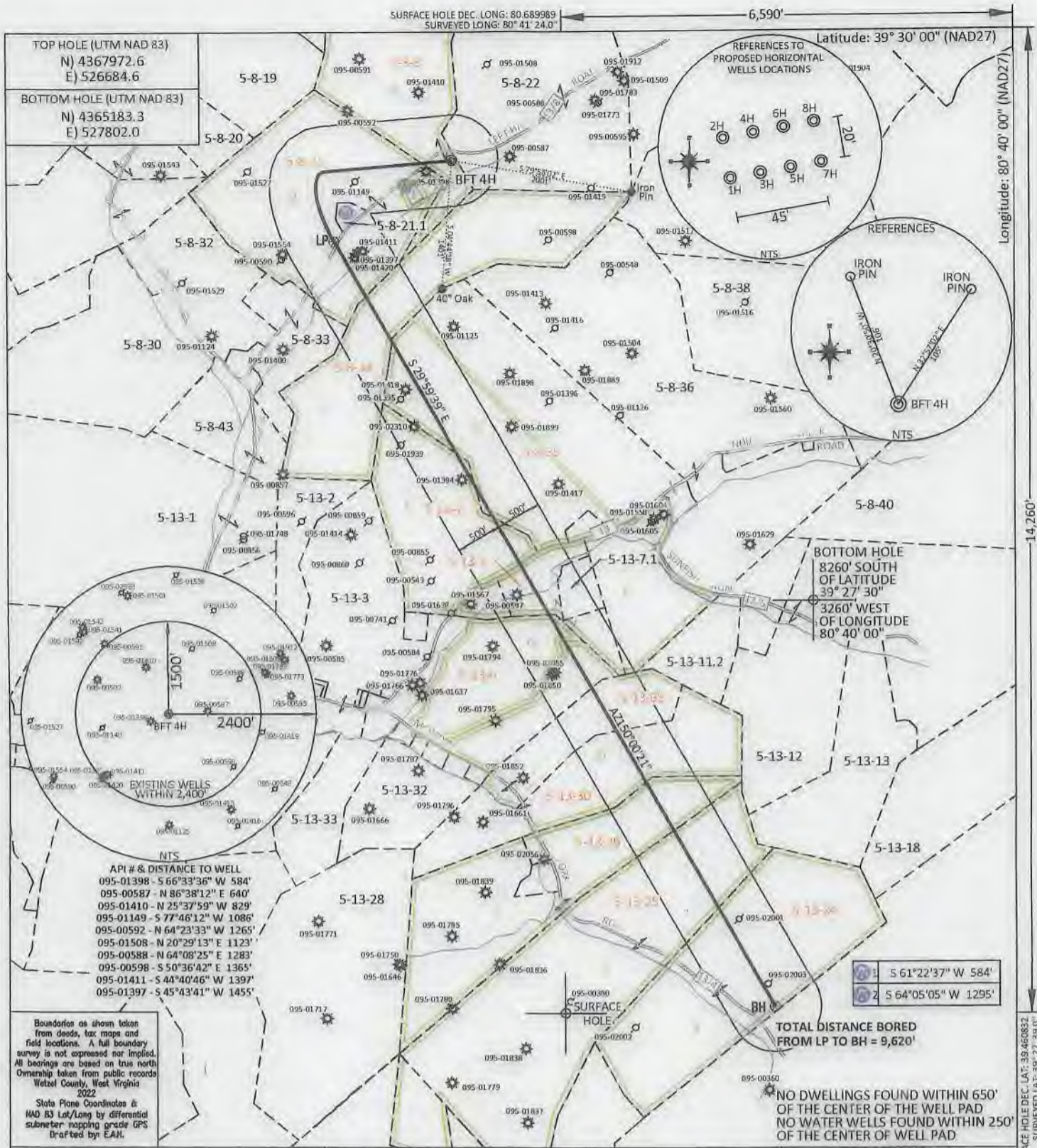


TOTAL DISTANCE BORED  
FROM LP TO BH = 9,620'

12/02/2022



GRAPHIC SCALE



Boundary as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records. Wetzell County, West Virginia 2022.

State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS. Drafted by E.A.H.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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: *[Signature]*

L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP

OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304

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

WATERSHED: OUTLET MIDDLE ISLAND CREEK

COUNTY/DISTRICT: TYLER / McELROY

SURFACE OWNER: WEST VIRGINIA DEPT. OF NATURAL RESOURCES

OIL & GAS ROYALTY OWNER: Tribune Resources, LLC, Et Al

LEASE NUMBERS: \_\_\_\_\_

DATE: SEPTEMBER 1, 2022

OPERATOR'S WELL #: BFT 4H

API WELL #: 47 95 02834

STATE COUNTY PERMIT: \_\_\_\_\_

AS-BUILT ELEVATION: 880'

QUADRANGLE: CENTER POINT

ACREAGE: 110.00 +/-

ACREAGE: 869.4 +/- **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: 6930' TMD: 17290.85'

WELL OPERATOR: TRIBUNE RESOURCES, LLC

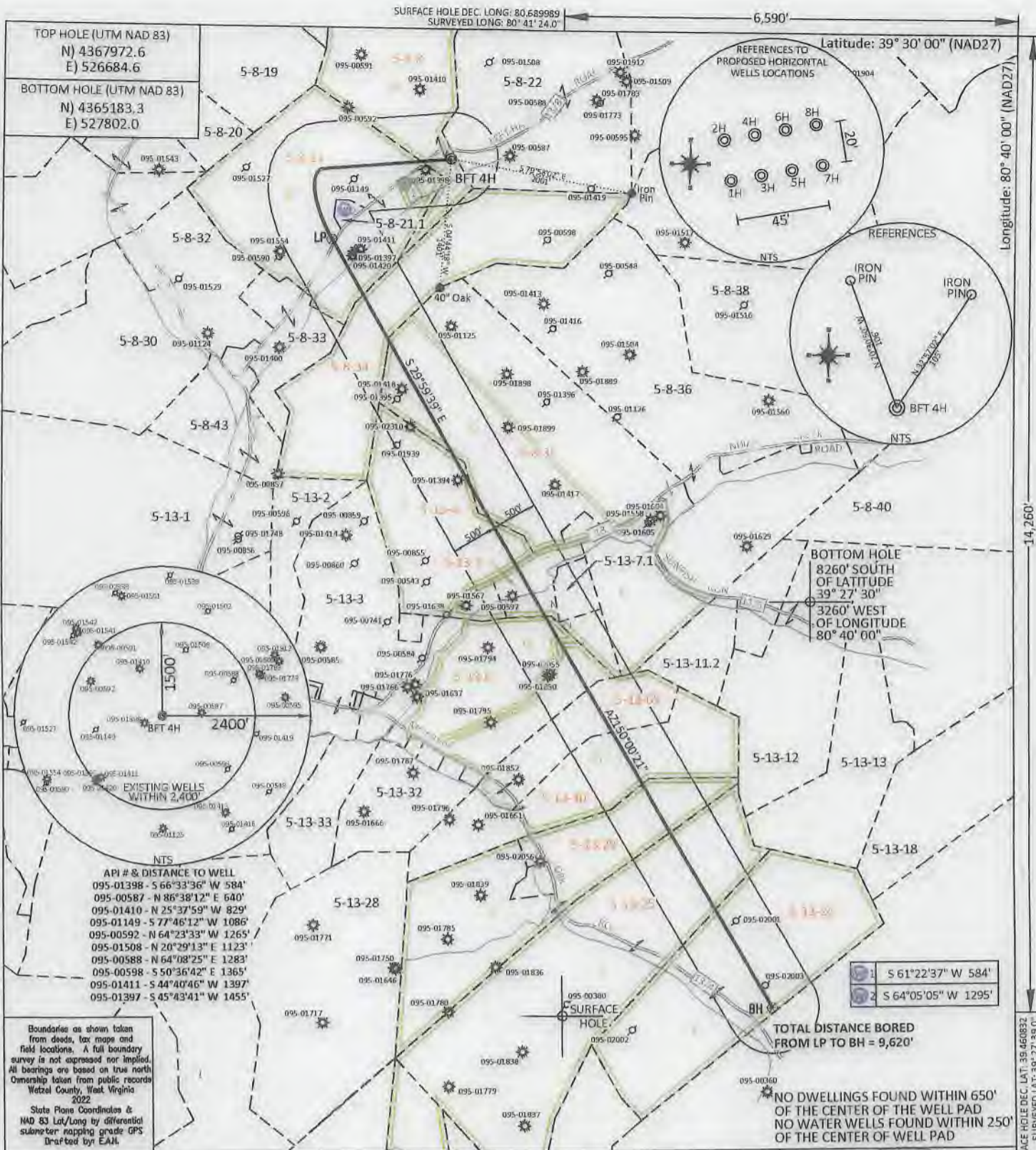
DESIGNATED AGENT: HARMAN BROWN

ADDRESS: 3861 AMBASSADOR CAFFERY PARKWAY SUITE 600

ADDRESS: 18396 MOUNTAINEER HIGHWAY

CITY: LAFAYETTE STATE: LA ZIP CODE: 70503

CITY: WILEYVILLE STATE: WV ZIP CODE: 26581



FILE #: TRB1

DRAWING #: 3084

SCALE: PLAT: 1" = 1500'  
TICK: 1" = 2000'

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

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: *Ernest J. Benchek III*

L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP

OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304

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

WATERSHED: OUTLET MIDDLE ISLAND CREEK

COUNTY/DISTRICT: TYLER / McELROY

SURFACE OWNER: WEST VIRGINIA DEPT. OF NATURAL RESOURCES

OIL & GAS ROYALTY OWNER: Tribune Resources, LLC, Et Al

LEASE NUMBERS: \_\_\_\_\_

DATE: SEPTEMBER 1, 2022

OPERATOR'S WELL #: BFT 4H

API WELL #: 47 95 02834

STATE COUNTY PERMIT

AS-BUILT ELEVATION: 880'

QUADRANGLE: CENTER POINT

ACREAGE: 110.00 +/-

ACREAGE: 869.4 +/- **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: 6930' TMD: 17290.85'

WELL OPERATOR: TRIBUNE RESOURCES, LLC

DESIGNATED AGENT: HARMAN BROWN

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ADDRESS: 18396 MOUNTAINEER HIGHWAY

CITY: LAFAYETTE STATE: LA ZIP CODE: 70503

CITY: WILEYVILLE STATE: WV ZIP CODE: 26581

SURFACE HOLE DEC. LAT: 39.460832 SURVEYED LAT: 39° 27' 39.0"

PROPERTY OWNER INDEX	
5-8-8	WV DEPT. OF NATURAL RESOURCES COMMERCE
5-8-21	JERRY L. WALTERS
5-8-34	ROBERT MARK HUFFMAN
5-8-35	GORDON L SWARTZ IV
5-13-4	ASCENT RESOURCES MARCELLUS MINERALS
5-13-6	JASON GLOVER
5-13-7	ROGER D. & JANET M. FLUHARTY
5-13-65	MELBA JEAN TEMPLETON LIFE ESTATE
5-13-30	MELBA JEAN TEMPLETON LIFE ESTATE
5-13-29	KENNETH DALE NICE JR.
5-13-25	ROYCE J. & ROYAL J. WATTS
5-13-24	DONNA WOLF

LEASE INDEX			
A	MARC00713-000	G	MARC01575-000
B	MARC00713-000	H	MARC03489-000
C	MARC00765-000	I	MARC01363-001
D	Fee 2172-00	J	MARC01228-001
E	MARC00712-000	K	MARC01574-00
F	MARC00722-000		

12/02/2022

FILE #: TRB2

DRAWING #: 3084

SCALE: N/A

DATE: SEPTEMBER 1, 2022

OPERATOR'S WELL #: BFT 4H

API WELL #: 47 095  
STATE COUNTY PERMIT

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

Attached

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

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

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

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

Well Operator: Tribune Resources, LLC

By: Lee Lawson

Its: Regulatory/ HSE Director

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 recitation 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:

Tribune Resources, LLC is the record title owner of the leases identified herein. Listed below each lease is the applicable chain of title by which Tribune Resources, LLC was vested with title thereto. Please note, throughout the chain of title, various mergers and name changes occurred between the referenced companies. In several instances, no documentation was filed in the county records evidencing such a merger or name change. In those cases, we've directed your attention to the records of the West Virginia Secretary of State, where said documentation can be found.

Tract	Tax Map & Parcel	Fee/Lease No.	Lessor/Assignor	Lessee/Assignee	Royalty/Instrument	Book/Page	
1	05-08-22	MARC00717-001	A. D. Lemasters and Mary Lemasters, husband and wife	South Penn Oil Company	1/E	23/100	
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16	
			South Penn Natural Gas Company	South Penn Oil Company	Assignment	151/510	
			South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221	
			Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417	
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178	
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516	
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576	
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Assignment	379/480	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138	
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471	
			DEED	Amar D. Lemasters and Mary Lemasters, his wife	South Penn Oil Company	Fee Interest	30/646
			South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221	
			Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417	
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178	
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516	
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576	
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Deed	379/410	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/479	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	9/421	
			Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782	
			Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464	
			2	05-08-08	MARC00713-000	Jasper Lemasters and Mary Lemasters, his wife	South Penn Oil Company
South Penn Oil Company	South Penn Natural Gas Company	Assignment				114/16	
South Penn Natural Gas Company	South Penn Oil Company	Assignment				151/510	
South Penn Oil Company	Pennzoil Company	Cert. of Name Change				WV Sec. of State records	
Pennzoil Company	Pennzoil United, Inc.	Assignment				178/221	
Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change				WV Sec. of State records	
Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.				265/258 & 269/417	
Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment				325/178	
Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger				8/516	
PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger				8/576	
Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment				332/146	
East Resources, Inc.	HG Energy, LLC	Assignment				379/380	
East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment				451/404	
American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change				499/138	
Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority				9/471	
DEED	Jasper Lemasters and Mary Lemasters, his wife	South Penn Oil Company				Fee Interest	33/73
South Penn Oil Company	Pennzoil Company	Cert. of Name Change				WV Sec. of State records	
Pennzoil Company	Pennzoil United, Inc.	Assignment				178/221	
Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change				WV Sec. of State records	
Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.				265/258 & 269/417	

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			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178	
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516	
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576	
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Deed	379/410	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	9/421	
			Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782	
			Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464	
B	3	05-08-21	MARC00713-000	Jasper Lemasters and Mary Lemasters, his wife	South Penn Oil Company	1/8	23/6
				South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16
				South Penn Natural Gas Company	South Penn Oil Company	Assignment	151/516
				South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221
				Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417
				Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
				Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
				PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
				Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
				East Resources, Inc.	HG Energy, LLC	Assignment	379/380
				East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
				American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
				Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
			DEED	Jasper Lemasters and Mary Lemasters, his wife	South Penn Oil Company	Fee Interest	33/73
				South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221
				Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417
				Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
				Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
				PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
				Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
				East Resources, Inc.	HG Energy, LLC	Deed	379/410
				East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475
				American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	9/421
				Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782
				Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464
C	4	05-08-34	MARC00765-000	Charles Clifton Penick and Mary H. Penick, his wife	Brooks Gas Company	1/8	30/282
				Brooks Gas Company	Two Brothers Oil Company	Assignment	30/594
				Brooks Gas Company	South Penn Oil Company	Assignment	30/627
				Two Brothers Oil Company	South Penn Oil Company	Assignment	35/535
				South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16
				South Penn Natural Gas Company	South Penn Oil Company	Assignment	151/516
				South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221
				Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417
				Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
				Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
				PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
				Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
				East Resources, Inc.	HG Energy, LLC	Assignment	379/480
				East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
				American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
				Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
				Ascent Resources Marcellus Minerals, LLC	South Penn Oil Company	Fee Interest	33/61
D	5	05-08-35	DEED	Emaline Gornell	South Penn Oil Company	1/8	30/282
				South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221
				Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417
				Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
				Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
				PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576

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			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Deed	379/410	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	9/421	
			Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782	
			Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464	
E	6	05-13-04	MARC00712-000	W.E. Ash and Emmaline Ash, his wife	South Penn Oil Company	1/8	22/634
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16	
			South Penn Natural Gas Company	South Penn Oil Company	Assignment	151/516	
			South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221	
			Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417	
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178	
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516	
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576	
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138	
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471	
F	7	05-13-07	MARC00722-000	S. B. McMillan and Samuel McMillan	South Penn Oil Company	1/8	23/241
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16	
			South Penn Natural Gas Company	South Penn Oil Company	Assignment	151/516	
			South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221	
			Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417	
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178	
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516	
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576	
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138	
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471	
G	8	p/o 05-13-06	MARC01575-000	Fred L. Glover and Dottie S. Glover, husband and wife	Pennzoil Products Company	1/8	309/518
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178	
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516	
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576	
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138	
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471	
H	9	05-13-05	MARC03489-000	Mary Maxine Welch	Pennzoil Products Company	1/8	312/116
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178	
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516	
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576	
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138	
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471	
H	10	05-13-05	MARC03489-000	Mary Maxine Welch	Pennzoil Products Company	1/8	312/116
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178	
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516	
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576	
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146	
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380	
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138	
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471	
I	11	05-13-2b	MARC01363-001	Jarite M. Meyer, aka Jane McIntyre	Stephen H. Harman	1/8	304/432

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			Stephen H. Harman	Pennzoil Products Company	Assignment	314/320
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
12	05-13-25	MARC01228-001	Loftig, also known as T Doris Long, his wife	Stephen H. Harman	1/8	301/545
			Stephen H. Harman	Pennzoil Products Company	Assignment	314/320
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
13	05-13-24	MARC01574-000	W. R. McIntyre and Rebecca S. McIntyre, his wife	A. J. Simmons and W.M. Miller	1/8	90/476
			A. J. Simmons and W.M. Miller	Alvy Oil and Gas Company	Assignment	93/296
			Alvy Oil and Gas Company	Pennzoil Products Company	Assignment	309/397
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471

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September 22, 2022

Mr. Taylor Brewer  
WV DEP Office of Oil & Gas  
601 57<sup>th</sup> St., SE  
Charleston, WV 25304

Re: Application for a Permit to Drill  
BFT 4H

Mr. Brewer,

Tribune Resources, LLC has the right to drill, extract and produce the minerals from any roads crossed by the proposed laterals for the BFT 4H well by virtue of the lease identified on page WW-6A1 of the accompanying permit application.

No action on your part is required. If you have any questions or concerns, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'LL Lawson'.

Lee L. Lawson  
Regulatory/HSE Director  
Tribune Resources, LLC

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

Date of Notice Certification: 9/22/22

API No. 47- 95 - \_\_\_\_\_  
Operator's Well No. BFT 4H  
Well Pad Name: BFT

**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>WV</u>	UTM NAD 83 Easting: <u>526684.6</u>
County: <u>Tyler</u>	Northing: <u>4367972.6</u>
District: <u>McElroy</u>	Public Road Access: <u>Left Hand Fork</u>
Quadrangle: <u>Center Point</u>	Generally used farm name: <u>State of WV Public Land Corp.</u>
Watershed: <u>Outlet Middle Island 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

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

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- RECEIVED/NOT REQUIRED
- RECEIVED
- RECEIVED
- RECEIVED

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**Required Attachments:**

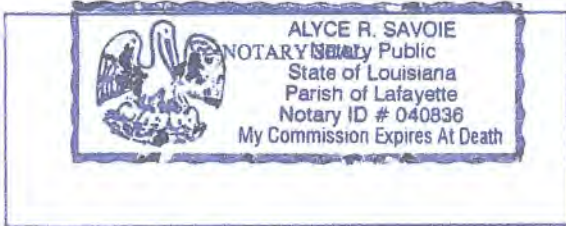
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication 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.

12/02/2022

**Certification of Notice is hereby given:**

THEREFORE, I Lee Lawson, 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>Tribune Resources, LLC</u>	Address:	<u>3861 Ambassador Caffery Parkway</u>
By:	<u>Lee Lawson</u> 		<u>Lafayette, LA 70503</u>
Its:	<u>Regulatory/ HSE Director</u>	Facsimile:	<u>(337) 769-4340</u>
Telephone:	<u>(337) 769-4064</u>	Email:	<u>lee.lawson@tribuneresources.com</u>



Subscribed and sworn before me this 26<sup>th</sup> day of Sept., 2022

Alyce R. Savoie Notary Public

My Commission Expires with life

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

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WV Department of  
Environmental Protection

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

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

Date of Notice: 10/14/22 Date Permit Application Filed: 10/17/22

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: See Attached  
Address: \_\_\_\_\_

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

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

Name: See Attached  
Address: \_\_\_\_\_

Charleston, WV 25301  
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: See Attached  
Address: \_\_\_\_\_

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

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

\*Please attach additional forms if necessary

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Environmental Protection

**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 [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

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**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

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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

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Office of Oil and Gas

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WV Department of  
Environmental Protection

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

Office of Oil and Gas

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WV Department of  
Environmental Protection

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

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

**Date of Notice:** 10/14/22 **Date Permit Application Filed:** 10/17/22

**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: See Attached  
Address: \_\_\_\_\_

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

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

Name: See Attached  
Address: \_\_\_\_\_

Charleston, WV 25301  
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: See Attached  
Address: \_\_\_\_\_

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

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

\*Please attach additional forms if necessary

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WV Department of  
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**Notice is hereby given:**

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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 **RECEIVED** [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).  
Office of Oil and Gas

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**Well Location Restrictions**

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet 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

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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

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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.**

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**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.

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WW-6A  
(8-13)

API No. 47-95 **4709502834**  
OPERATOR WELL NO. BFT 4H  
Well Pad Name: BFT

**Notice is hereby given by:**

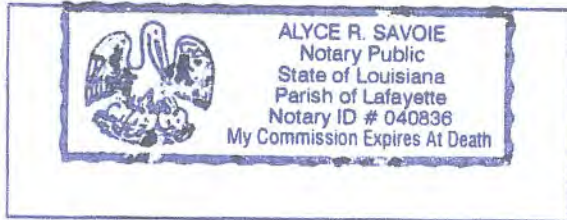
Well Operator: Tribune Resources, LLC  
Telephone: (337) 769-4064  
Email: lee.lawson@tribuneresources.com



Address: 3861 Ambassador Caffery Parkway  
Lafayette, LA 70503  
Facsimile: (337) 769-4340

**Oil and Gas Privacy Notice:**

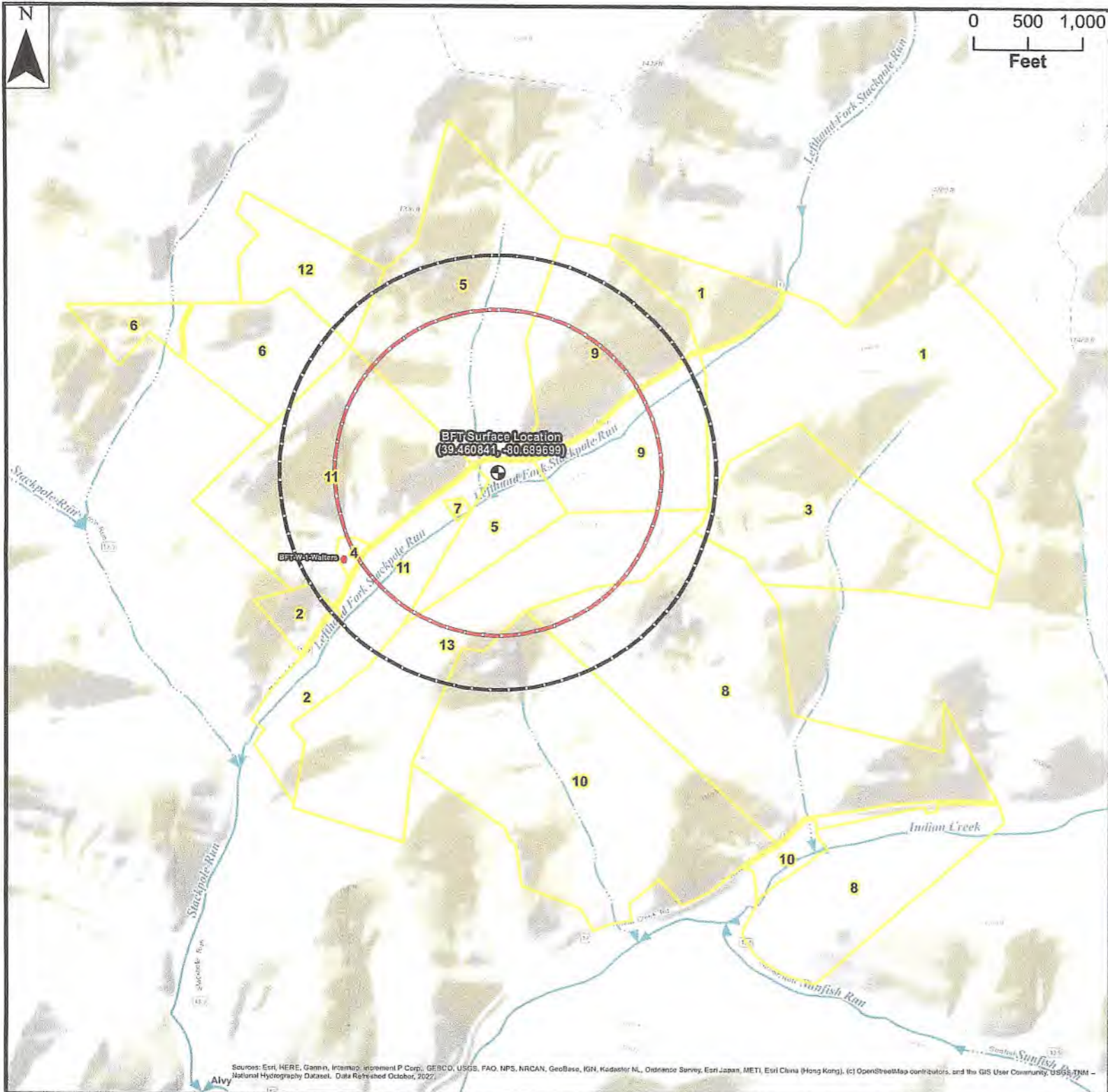
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory 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).



Subscribed and sworn before me this 24th day of Sept. 2022  
Alyce R. Savoie Notary Public  
My Commission Expires with life

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## BFT MCY TY Well Pad Water Sampling Map Mcelroy, Tyler County, West Virginia

CESO ID	Parcel ID	OWNER NAME	MAILING ADDRESS
1	48-05-0008-0023-0000	Henry Deem	247 Maxwell Road Atwater, OH 44201
2	48-05-0008-0033-0000	Jerry L Walters	17 Stackpole Run Road Jacksonburg, WV 26322
3	48-05-0008-0037-0000	Ascent Resources Marcellus Minerals LLC	C/O MERIT ADM/SORS L P, PO BOX 330, GAINESVILLE, TX 76241
4	48-05-0008-0021-0001	Sylvia Rae Dawson & Rupert Sherwood Dawson Jr	333 Aoloa St Kailua, HI 96734
5	48-05-0008-0008-0000	WV Department of Natural Resources	Bldg 3, Room 643, Capital Complex Charleston, WV 25305
6	48-05-0008-0019-0000	John D Stackpole	8307 Cabrilo Landing Ct Katy, TX 77494
7	48-05-0008-0021-0002	ETI Asset Transfers Inc	550 LEFTHAND FORK RD Industrial JACKSONBURG WV 26377
8	48-05-0008-0036-0000	Gordon L Swartz IV	10240 Indian Creek Rd 26377 Jacksonburg WV
9	48-05-0008-0022-0000	WV Department of Natural Resources	Bldg 3, Room 643, Capital Complex Charleston, WV 25305
10	48-05-0008-0035-0000	Gordon L Swartz IV	10240 Indian Creek Rd 26377 Jacksonburg WV
11	48-05-0008-0021-0000	Jerry L Walters	17 Stackpole Run Road Jacksonburg, WV 26322
12	48-05-0008-0007-0000	William M & Linda Stackpole	1819 MAXWELL AVE PARKERSBURG, WV 26101
13	48-05-0008-0034-0000	Robert Mark Huffman	333 Patricia Avenue Weirton, WV 26062

<span style="color: red;">●</span> Sampled Well	<b>NHD Streams</b>
BFT PreDrill 2000ft Buffer	Perennial
BFT PreDrill 1500ft Buffer	Artificial Path
Tribune BFT Surface Location	Intermittent
BFT 2000ft Buffer Parcels	



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), National Hydrography Dataset, Data Refreshed October, 2022, (C) OpenStreetMap contributors, and the GIS User Community, USGS, TNM

**WW-6A Notice of Application  
BFT 1H, 3H, 5H and 7H  
BFT 2H, 4H, 6H and 8H**

Surface Ownership				
Name	Address	City	ST	ZIP
State of WV Public Land Corp. Dept. Of Comm. LBR. & Envir. DNR	324 Fourth Avenue	South Charleston	WV	25303
WV Dept. of Natural Resources Commerce Division	324 Fourth Avenue	South Charleston	WV	25303

Coal Ownership				
Name	Address	City	ST	ZIP
None				

Water Ownership				
Name	Address	City	ST	ZIP
Jerry L. Walters	17 Stackpole Run Road	Jacksonburg	WV	26377

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 Environmental Protection

4709502834



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

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

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

**Date of Notice:** 09/22/2022 **Date Permit Application Filed:** 10/17/22

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

- HAND DELIVERY       CERTIFIED MAIL RETURN RECEIPT REQUESTED

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

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

**Name:** State of WV Public Land Corp. Dept. Of Comm. LBR. & Envir. DNR  
**Address:** 324 Fourth Avenue  
South Charleston WV, 25303

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

**Notice is hereby given:**

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


**State:** West Virginia **UTM NAD 83 Easting:** 526684.639  
**County:** Tyler **Northing:** 4367972.609  
**District:** McElroy **Public Road Access:** CR 13, CR 13/3 and CR 13/8  
**Quadrangle:** Center Point **Generally used farm name:** \_\_\_\_\_  
**Watershed:** Outlet Middle Island Creek

**This Notice Shall Include:**

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 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).

**Notice is hereby given by:**

**Well Operator:** Tribune Resources, LLC  
**Address:** 3861 Ambassador Caffery Parkway Ste. 600  
Lafayette, LA 70503  
**Telephone:** 337-769-0032  
**Email:** lee.lawson@tribuneresources.com  
**Facsimile:** 337-769-4340

**Authorized Representative:** Lee Lawson   
**Address:** 3861 Ambassador Caffery Parkway Ste. 600  
Lafayette, LA 70503  
**Telephone:** 337-769-4064  
**Email:** lee.lawson@tribuneresources.com  
**Facsimile:** 337-769-4340

**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).

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OCT 17 2022

WW-6A5  
(1/12)

4709502834  
Operator Well No. BFT 4H

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: 09/22/2022 Date Permit Application Filed: 10/17/22

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

CERTIFIED MAIL RETURN RECEIPT REQUESTED  HAND DELIVERY

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

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

Name: State of WV Public Land Corp. Dept. Of Comm. LBR. & Envir. DNR  
Address: 324 Fourth Avenue  
South Charleston WV, 25303

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


Notice is hereby given:

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

State: West Virginia UTM NAD 83 Easting: 526684.639  
County: Tyler Northing: 4367972.609  
District: McElroy Public Road Access: CR 13. CR 13/3 and CR 13/8  
Quadrangle: Center Point Generally used farm name: \_\_\_\_\_  
Watershed: Outlet Middle Island Creek

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: Tribune Resources, LLC   
Telephone: 337-769-0032  
Email: lee.lawson@tribunerresources.com

Address: 3861 Ambassador Caffery Parkway Ste. 600  
Lafayette, LA 70503  
Facsimile: 337-769-4340

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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

September 6, 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 Tribune BFT Pad, Tyler County  
 BFT 4H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2014-0350 for access to the State Road for a well site located off Tyler County Route 13/8 SLS MP 0.63.

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

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 Environmental Protection

4709502834

## BFT Pad Wells Completion Chemical List

Reilly Pad Completion Chemical List						
Trade Name	Supplier	Purpose	Ingredients	CAS#	Max Ingredient Concentration in Additive (% by mass)	Max Ingredient Concentration in HF Fluid (% by mass)
			Water	7732-18-5	100	87.75
Sand, White	U.S. Silica	Proppant	Crystalline Silica (Quartz)	14808-60-7	99.9	11.58
Exceletrate EC-8	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30	0.02061
			Inorganic salt	Proprietary	30	0.02061
HCl, 7.5%	Producers	Acidizing	Hydrochloric Acid	7647-01-0	7.5	0.03815
			Petroleum Distillates	64742-47-8	30	0.02061
			Sodium Chloride	7647-14-5	5	0.00344
LCA-1	Halliburton	Solvent	Hydrotreated distillate	Proprietary	100	0.00085
FightR EC-4M	Halliburton	Friction Reducer	Hydrotreated distillate	Proprietary	30	0.041
MC MX 5-3886	Halliburton	Specialty Brine	Calcium nitrate.4H2O	13477-34-4	100	0.00085
LD-2800	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30	0.02061
			Sodium chloride	7647-14-5	30	0.02061
			Alcohols, C12-16, ethoxylated	68551-12-2	5	0.00344
			9-Octadecenamide,n,n-bis-2(hydroxy-ethyl)-,(Z)	93-83-4	5	0.00344
			Ammonium chloride	12125-02-9	5	0.00344
MC MX 8-4543	Halliburton	Biotechnology	Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	100	0.00085
Legend LD-7750W	Halliburton	Scale Control	Methanol	67-56-1	60	0.00171
			Phosphonic Acid Salt	Proprietary	5	0.0001425

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TWO WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR MUST CONTACT THE WV ONE CALL SYSTEM, INC., 1-800-245-4848 (WV ONE CALL TICKET 2213718218 )

# BFT WELL PAD McELROY DISTRICT, TYLER COUNTY, WV JULY 2022

PLANS PREPARED BY:

**BOORD BENCHEK & ASSOC., INC.**  
ENGINEERING, SURVEYING, CONSTRUCTION AND MINING SERVICES  
SOUTHPOINTE, PA 15317 PHONE: 724-746-1055

OWNER



**TRIBUNE**  
RESOURCES  
TRIBUNE RESOURCES, LLC  
3861 AMBASSADOR CAFFERY PARKWAY,  
SUITE 600,  
LAFAYETTE, LA 70503

SHEET INDEX	
1.	TITLE SHEET
2-3.	EVACUATION ROUTE/PREVAILING WIND
4.	E&S CONTROL LAYOUT OVERVIEW
5.	E&S CONTROL LAYOUT
6.	E&S CONTROL AND SITE PLAN OVERVIEW
7.	E&S CONTROL AND SITE PLAN
8.	WELL PAD, ENTRANCE'S AND WELL PAD SURFACE DRAIN'S PROFILES AND CROSS-SECTIONS
9-11.	DETAILS
12.	RECLAMATION PLAN OVERVIEW
13.	RECLAMATION PLAN

TOTAL DISTURBED AREA: 4.00 AC.  
WELL PAD DISTURBED AREA: 3.54 AC.  
COUNTY ROAD RIGHT-OF-WAY: 0.46 AC

PROPERTY OWNER DISTURBANCE - 3.54 ACRES  
WV DEPT. OF NATURAL RESOURCES COMMERCE DIVISION (TAX MAP AND PARCEL NUMBER 5-8-8) 3.29 AC.  
WV DEPT. OF NATURAL RESOURCES COMMERCE DIVISION (TAX MAP AND PARCEL NUMBER 5-8-22) 0.25 AC.



ANDREW BENCHEK  
P.E.



IN ACCORDANCE WITH WV 35 CSR 8 THE FOLLOWING EROSION & SEDIMENT CONTROL PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES ESTABLISHED BY THE CHIEF AND PROVIDED IN THE OFFICE'S EROSION AND SEDIMENT CONTROL FIELD MANUAL. A GENERAL CONSTRUCTION SEQUENCE, DESCRIPTION OF STABILIZATION METHODS, AND DETAILS & SPECIFICATIONS FOR EROSION & SEDIMENT BEST MANAGEMENT PRACTICES HAVE BEEN INCLUDED IN THE PROVIDED DETAIL SHEETS.

REVISIONS		
NO.	DATE	DESCRIPTION

## TITLE SHEET

BFT WELL PAD  
McELROY DISTRICT, TYLER COUNTY, WV

## COORDINATES

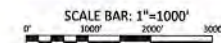
SITE ENTRANCE "A"  
(NAD 83)  
LAT: 39° 27' 39.66"  
LONG: 80° 41' 25.46"  
(NAD 27)  
LAT: 39° 27' 39.36"  
LONG: 80° 41' 26.09"

CENTER OF WELL PAD  
(NAD 83)  
LAT: 39° 27' 39.12"  
LONG: 80° 41' 22.76"  
(NAD 27)  
LAT: 39° 27' 38.82"  
LONG: 80° 41' 23.39"

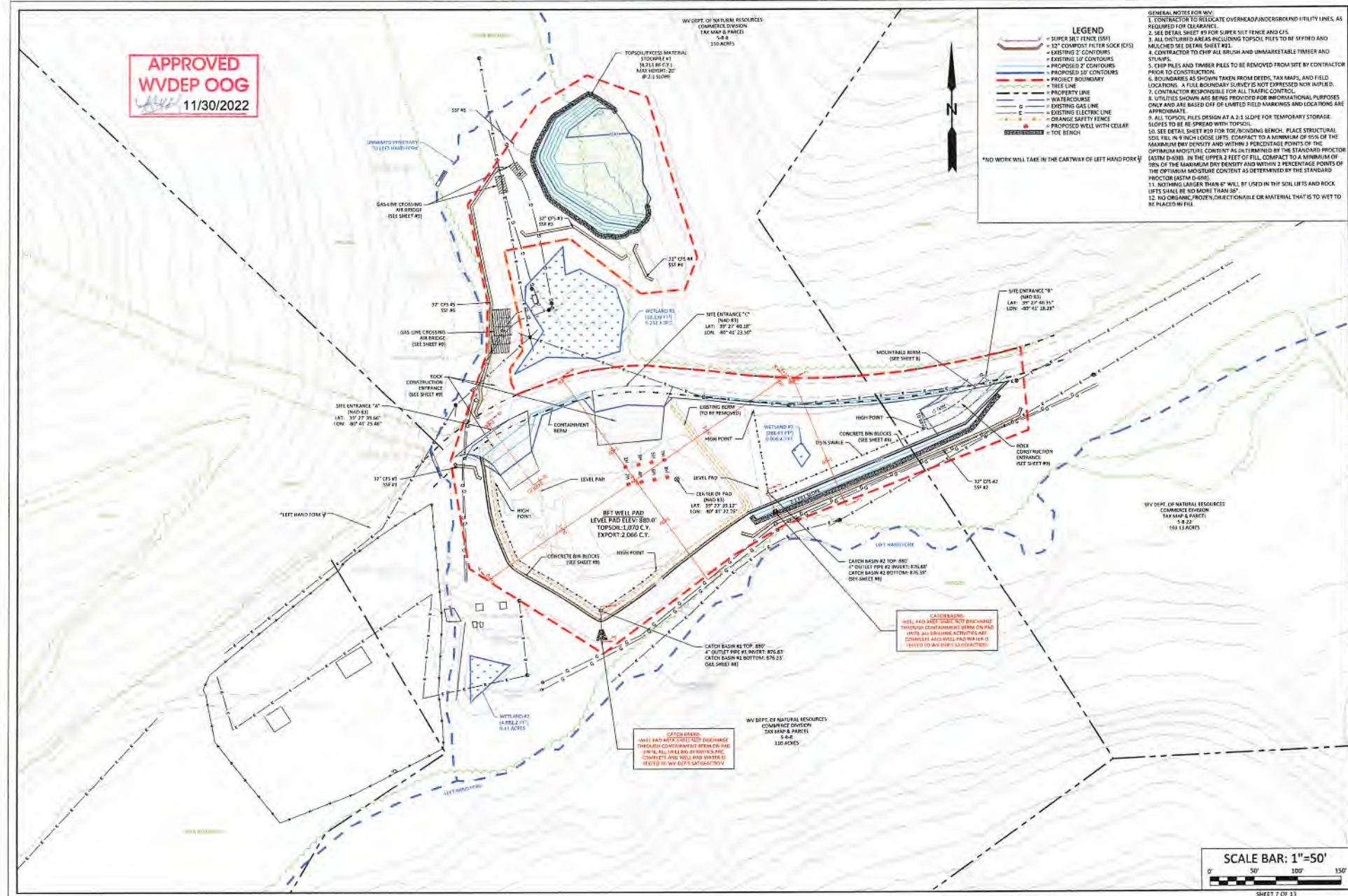


## SHEET

1  
OF  
13



**APPROVED**  
**WVDEP OOG**  
11/30/2022



WV DEPT. OF NATURAL RESOURCES  
COMMERCE DIVISION  
TAX MAP & PARCELS  
8 & 2  
310 ACRES

- GENERAL NOTES FOR WY:**
- CONTRACTOR TO RELOCATE OVERHEAD/UNDERGROUND UTILITY LINES, AS REQUIRED FOR CLEARANCE.
  - SEE DETAIL SHEET #9 FOR SUPER SLIT FENCE AND C/S.
  - ALL OUTLINED AREAS INCLUDING TOPSOIL PILES TO BE SPYING AND MULCHED (SEE DETAIL SHEET #11).
  - CONTRACTOR TO CHIP ALL BRUSH AND UNMARKETABLE TIMBER AND STUMPS.
  - CHP PILES AND TIMBER PILES TO BE REMOVED FROM SITE BY CONTRACTOR PRIOR TO CONSTRUCTION.
  - BOUNDARIES AS SHOWN TAKEN FROM DEEDS, TAX MAPS, AND FIELD LOCATIONS. A FULL BOUNDARY SURVEY IS NOT EXPRESSED NOR IMPLIED.
  - CONTRACTOR RESPONSIBLE FOR ALL TRAFFIC CONTROL.
  - LIMITS SHOWN ARE BEING PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND ARE BASED OFF OF LIMITED FIELD MARKINGS AND LOCATIONS ARE APPROXIMATE.
  - ALL TOPSOIL PILES DESIGN AT A 2:1 SLOPE FOR TEMPORARY STORAGE. SLOPES TO BE SPREAD WITH TOPSOIL.
  - SEE DETAIL SHEET #10 FOR TOE BOUNDING BENCH. PLACE STRUCTURAL SOIL FILL IN FINCH LOOSE LIFTS. COMPACT TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AND WITHIN 3 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698).
  - IN THE UPPER 3 FEET OF FILL, COMPACT TO A MINIMUM OF 98% OF THE MAXIMUM DRY DENSITY AND WITHIN 2 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698).
  - NOTHING LARGER THAN 8" WILL BE USED IN THE SOIL LIFTS AND ROCK LIFTS SHALL BE NO MORE THAN 30".
  - NO ORGANIC, FROZEN, DIRECTIONAL OR MATERIAL THAT IS TO WET TO BE PLACED IN FILL.

- LEGEND**
- SUPER SLIT FENCE (SSF)
  - COMPOST FILTER SOCK (CFS)
  - EXISTING 2" CONTOURS
  - EXISTING 3" CONTOURS
  - PROPOSED 2" CONTOURS
  - PROPOSED 3" CONTOURS
  - TREE LINE
  - PROPERTY BOUNDARY
  - WATERCOURSE
  - EXISTING GAS LINE
  - EXISTING ELECTRIC LINE
  - PROPOSED WELL WITH CELLAR
  - TOE BENCH

\*NO WORK WILL TAKE IN THE CARTRAY OF LEFT HAND FORK

**BOARD, BENCHEK and ASSOC., INC.**  
Engineering, Surveying, Construction,  
and Mining Services  
Southpointe, PA 15917 Phone: 724-746-1055

**E&S CONTROL & SITE PLAN**

THIS DOCUMENT WAS PREPARED BY:  
**BOARD, BENCHEK AND ASSOC., INC.**  
FOR: TRIBUNE RESOURCES, LLC

DATE:  
JULY 2022  
BFT WELL PAD  
McELROY DISTRICT,  
TYLER COUNTY, WV

NO.	DATE	REVISIONS	DESCRIPTION

