



west virginia department of environmental protection

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

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

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 8H
47-095-02838-00-00

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 8H
Farm Name: WEST VIRGINIA DEPT OF N^o
U.S. WELL NUMBER: 47-095-02838-00-00
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

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



west virginia department of environmental protection

Office of Oil and Gas
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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 drilling 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.

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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

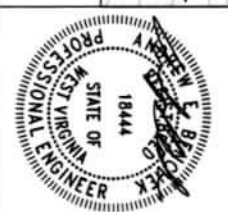
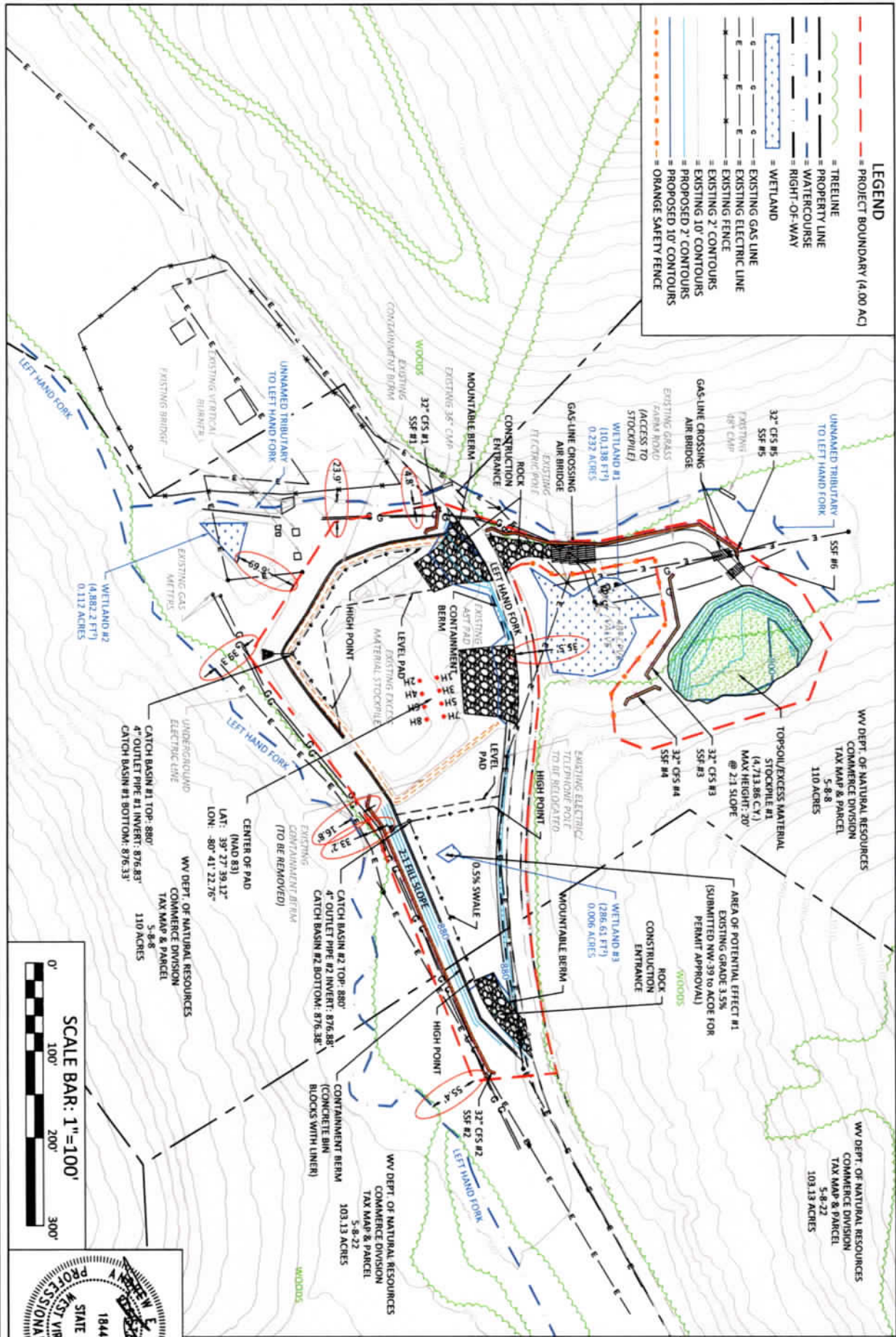


EXHIBIT "B"

DATE: JULY 2022
 BY: BRT WELLS PWD
 MCELROY DISTRICT, WV
 TYLER COUNTY, WV

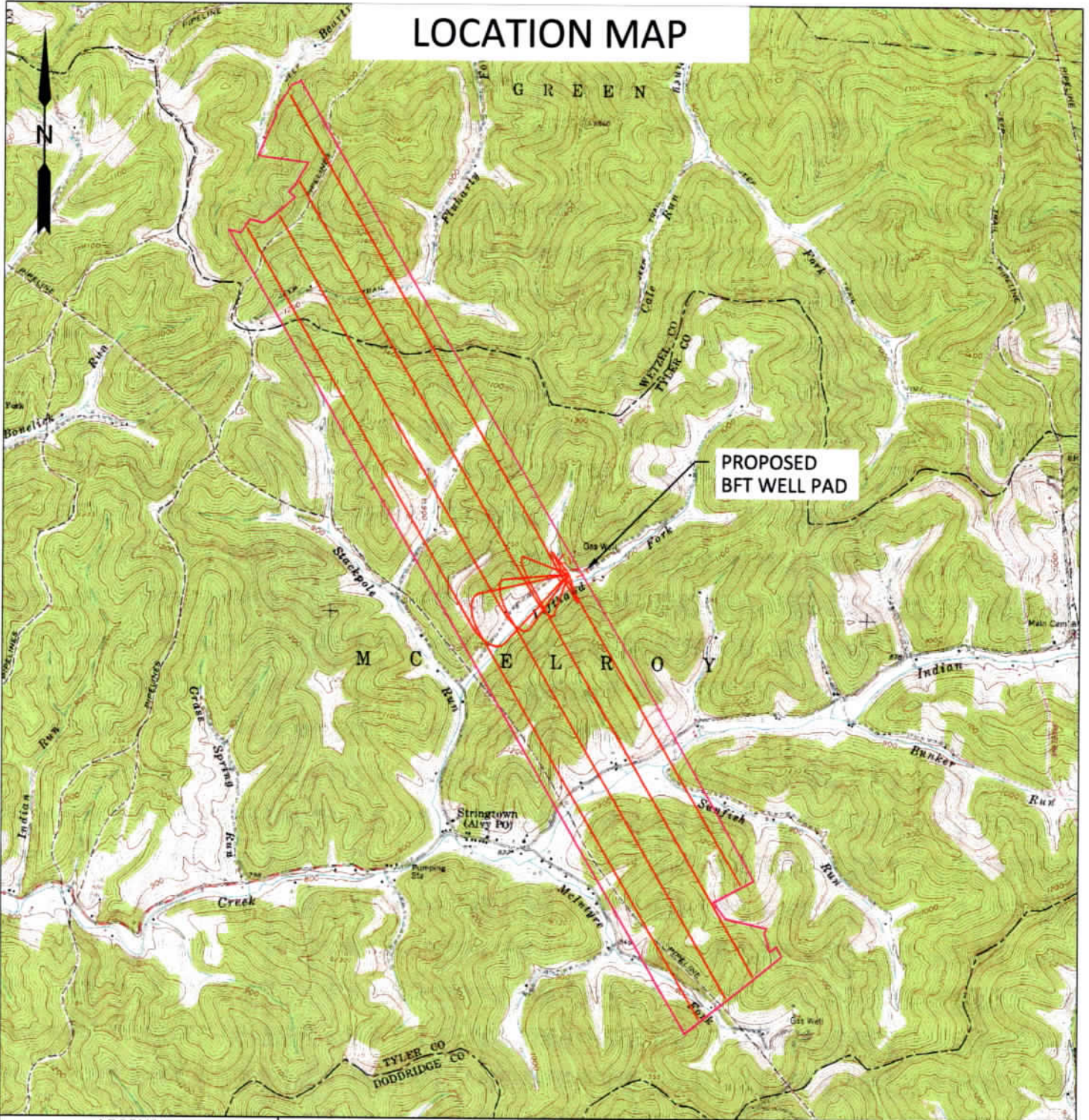
THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
 FOR: TRIBUNE RESOURCES, LLC

BOORD, BENCHEK and ASSOC., INC.
 Engineering, Surveying, Construction,
 and Mining Services

Southpointe, PA 15317 Phone: 724-746-1089

12/02/2022

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 8H ✓ 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 X Oil X Underground Storage

Other

(b) If Gas Shallow X Deep

Horizontal X

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: 16,787.12' ✓

11) Proposed Horizontal Leg Length: 9,395' ✓

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 X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____ RECEIVED Office of Oil and Gas
Seam: _____ OCT 17 2022
Owner: _____ WV Department of Environmental Protection

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#	16,787'	16,787' ✓	4800, SX/CTS
Tubing							
Liners							

Herbert 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
Sizes:				OCT 17 2022
Depths Set:				WV Department of Environmental Protection

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

RECEIVED
Office of Oil and Gas

OCT 17 2022

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)

WV Department of
Environmental Protection

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.

*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

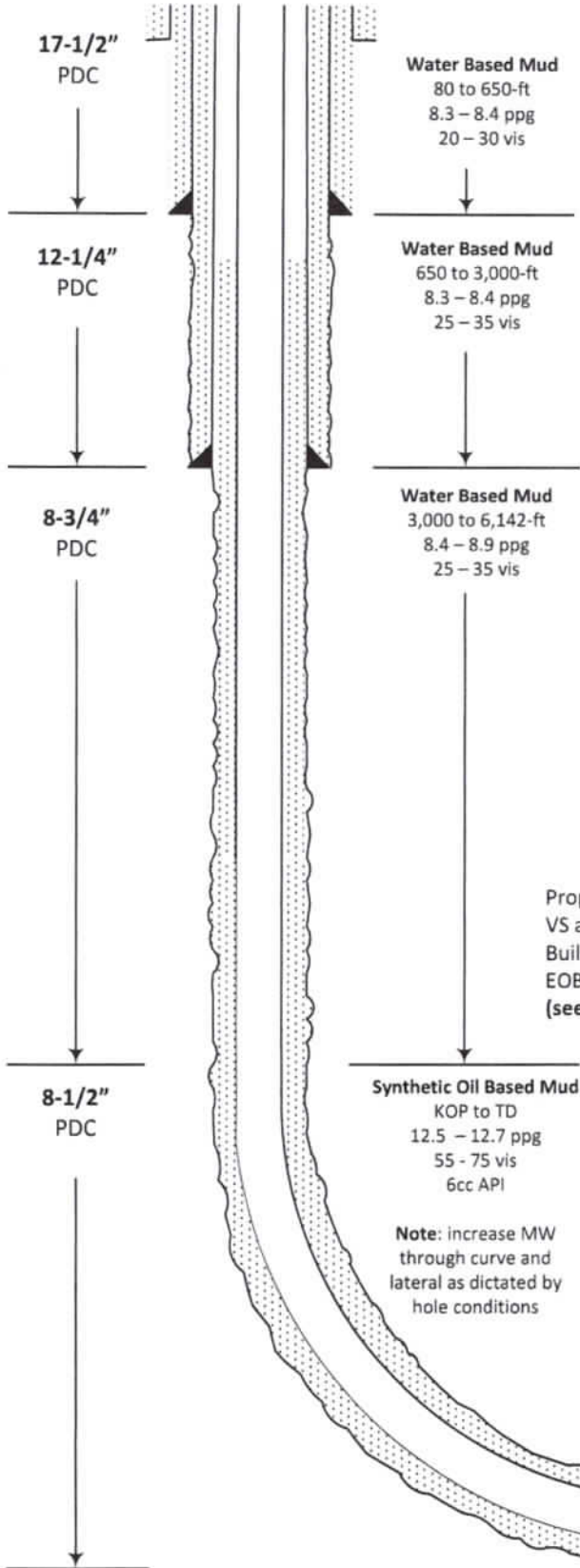


TRIBUNE
RESOURCES

BFT 8H

4709502838

County, State: Tyler, West Virginia		Township:	Location:	Formation: Marcellus
Coordinates: NAD 83	SHL Lat/Long: N 4367974.4, E 526693.6	RKB / Elevation: 905'/880'		AFE DC/CWC:
	BHL Lat/Long: N 4365477.3, E 528158.7	USOW: 504'		API: 47-95-XXXX AFE #:
Rig: TBD	Target Line:			



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	16,787	

Interval	Slurry	Weight	Ft ³	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 6,142-ft MD
 VS at KOP is -599-ft (nudge)
 Build 8°/100-ft to 90° inc., 150° azi.
 EOB at 7,391-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 7,391-ft MD / 6,930-ft TVD
 90.5° inc., 150° azi., 106-ft VS
 (see directional plan for specific details)

TD at 16,787-ft MD / 6,930-ft TVD
 90° inc., 150° azi., 9,502-ft VS

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12/02/2022

WW-9
(4/16)

709502838

API Number 47 - 95 - _____
Operator's Well No. BFT 8H

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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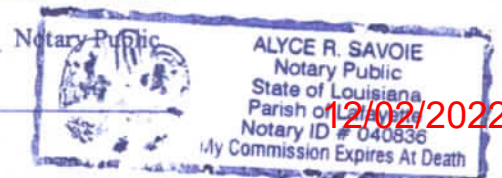
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Subscribed and sworn before me this 26th day of September, 2022

[Signature]

My commission expires with 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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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 C/TBD _____

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

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Landfills and UIC Wells

Landfills

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

UIC

K&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: _____

Kenneth J. Gayre, Jr.

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	5%
Forage tall fescue	45%
Forage perennial rye	20%
Annual rye	11%
Winter wheat	10%

Straw

Winter - 3 ton per acre

Summer - 2 ton per acre

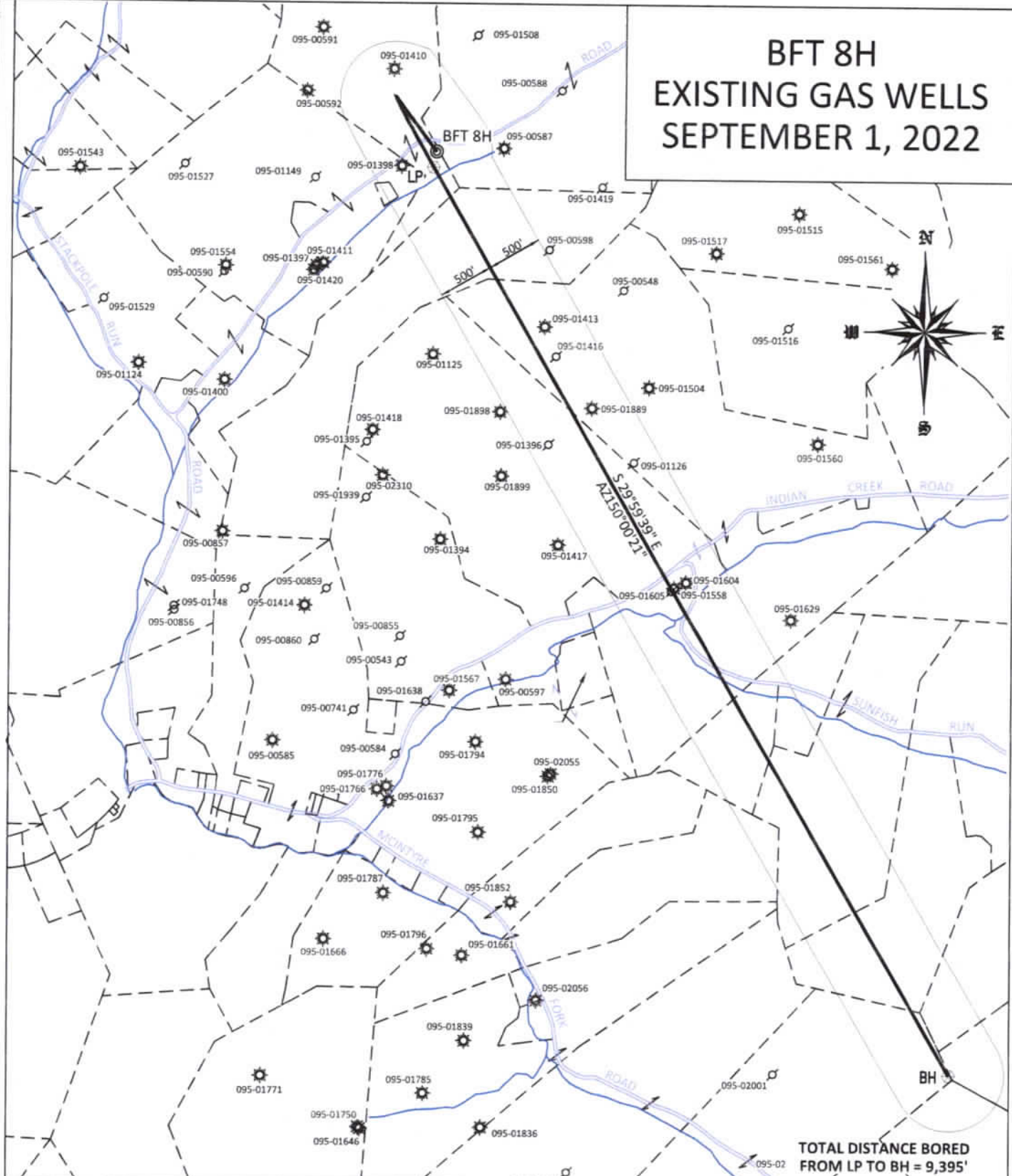
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BFT 8H EXISTING GAS WELLS SEPTEMBER 1, 2022



TOTAL DISTANCE BORED FROM LP TO BH = 9,395'

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SCALE: 1" = 1,200'



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



TRIBUNE
RESOURCES

Kenneth L. Reynolds

10-11-22

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9. Attachments

- Contractor Information
- Sign In Sheet
- 1 Mile Radius Map/Evacuation Plan
- Plan View Topo Map/Water
- Notification Telephone Numbers
- H₂S Monitoring Placement Schematic
- Collision Avoidance Map

Tribune Resources, LLC
Main Office Address
3861 Ambassador Caffery Parkway Suite 600
Lafayette, LA 70503
Office Phone: 337-769-0032
Fax: 337-769-4340

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1. Contacts, Schedules and Meetings

Tribune Resources CALL LIST		
CONTACT	OFFICE	MOBILE
Tribune Resources Emergency Number	1-888-748-8635	
David Roule, Drilling Engineer	(337) 769-0032	(214) 205-8334
Chad Perkins, Completions	(337) 769-0032	(304) 543-1779
Joshua Credeur, Production Manager	(337) 769-4324	(337) 322-4329
Lee Lawson Regulatory/HSE Director	(337) 769-4064	(337) 412-1381
Harman Brown, Field Production Superintendent	(304) 889-2599	(304) 481-7311
Timothy Horner, Production Foreman	(304) 889-2599	(304) 588-3659

WVDEP Inspector Emergency Reporting:

DEP Emergency Reporting: 1-800-642-3074

NAME	COUNTY	CELL PHONE	EMAIL ADDRESS
Ken Greynolds	Wetzel	304-206-6613	kenneth.l.greynolds@wv.gov
Stephen McCoy	Tyler	681-344-3265	Stephen.E.McCoy@wv.gov
Jeremy James	Braxton	304-951-2596	Jeremy.E.James@wv.gov
Gary Kennedy	Fayette	304-382-8402	Gary.L.Kennedy@wv.gov
Gayne Knitowski	Berkley	304-552-3874	Gayne.J.Knitowski@wv.gov
Barry Stollings	Brooke	304-552-4194	Barry.W.Stollings@wv.gov
Joe Taylor	Calhoun	304-380-7469	Joseph.D.Taylor@wv.gov
Terry Urban	Boone	304-549-5915	Terry.W.Urban@wv.gov
Sam Ward	Doddridge	304-389-7583	Samuel.D.Ward@wv.gov

County EMS – EMERGENCY CALL 911

NAME	COUNTY	PHONE
Grandview Ambulance	Wetzel	304-455-5737
Hundred Ambulance		304-775-7455
New Martinsville Ambulance		304-455-5931
Paden City Ambulance		304-337-2281
Pine Grove Ambulance		304-889-3393

County Health Departments

NAME	COUNTY	PHONE
Wetzel/Tyler Health Department	Wetzel	304-337-2001
Wetzel/Tyler Health Department	Tyler	304-337-2001
Harrison/Clarksburg Health Department	Harrison	304-623-9308

National Response Center (USEPA and Coast Guard): 800-424-8802

Emergency Contact List			
911 for Primary Call for Immediate Emergency Response			
Spill Response Contractor Emergency Call Order			
Name	Phone	Responding Address	Notes
CTEH	866-869-2834		
Dispatch			
Name	Phone	Address	Notes
Wetzel County Dispatch	304-455-6730	New Martinsville	

Fire Departments			
Name	Phone	Address	Notes
Wyleyville	304-889-2442	HC 68, Wyleyville, WV	
Pine Grove	304-889-3353	Joliff St, RR 20, Pine Grove, WV	
Hundred	304-775-7455	Pennsylvania Ave, Hundred, WV	
Silver Hill	304-775-2925	Route 89, Hundred, WV	
Jacksonburg	304-889-2400	Buffalo Road, Pine Grove, WV	
Smithfield	304-334-3642	Manning Road, Smithfield, WV	
New Martinsville	304-455-9115	400 Ohio St, New Martinsville, WV	
Grandview	304-455-1317	RR1, Proctor, WV	
Reader	304-386-4666	Route 20, Reader, WV	
Law Enforcement			
Name	Phone	Responding Address	Notes
Wetzel County Sheriff	304-455-8200	New Martinsville, WV	
WV State Police	304-775-4488	Hundred, WV	
WV State Police	304-455-0913	New Martinsville, WV	
Emergency Management LEPC			
Wetzel County EMA/911/LEPC	304-455-6960	New Martinsville, WV	

There are no schools or public facilities within 1 mile of the location. (The historical school shown on the attached 1 mile radius map has been removed by the landowner)

C. H₂S Notification

Any residential notification will be made verbally after travelling to each residence. Emergency responders will be notified via cell phone or radio communications. Protection zones will be established through coordination with local emergency responders.

D. Pre-spud Meeting

A Pre-Spud meeting will be held with rig crews, directional company, closed loop crew, solids control crew, and mud engineer(s). The following will be completed as part of the pre-spud meeting:

- o Include all personnel to be employed and directly involved in the drilling operations and include the district oil and gas inspector and/or other designated Office of Oil and Gas representative.
- o All attending personnel must sign Pre-Spud Meeting Sign-In sheet. A copy of the Sign-In sheet is included.

E. Weekly Site Safety Meetings

A weekly site safety meeting will be held with drilling, completion and work-over crews during operations. The following will be completed as part of the weekly meeting:

- Include all personnel to be employed and directly involved in the operations and include the district oil and gas inspector and/or other designated Office of Oil and Gas representative.
- All attending personnel must sign Meeting Sign-In sheet. A copy of the Sign-In sheet is included.

2. Maps and Diagram

A. Map of Location

The attached maps show the locations of the access roads, evacuation routes, drilling pad, prevailing winds and topographic features of the area. Tribune Resources, LLC (Tribune) is not constructing any pits for these operations. There are no nearby dwellings in the vicinity of our drilling location.

B. Topographic map

The attached maps show the topographic features of the well location, including the UTM NAD 83 coordinates of the surface location.

C. Evacuation Plan

All personnel who are on location will be instructed as to the location of a primary muster point to be utilized in the event of an emergency. The primary muster point at the well site will most always be off of the location along the access road. Evacuation routes will be identified for each muster point, but will primarily be in the direction of and along the access road.

In the event that evacuation of residents in the surrounding area is required, an immediate phone call to 911 will be made by the person in charge at the location. The caller will inform authorities of the nature of the problem at the drill site. If required, the drill site supervisor will request assistance from local authorities if the evacuation of nearby residents is required.

3. Well Work

A. Procedure and schedule

1. Wells – Each well is equipped with a pumping unit, wellhead assembly, and flowlines to transfer natural gas and/or oil. The following operations typically occur at each well site during the life of the well:
2. Pad construction – Prior to drilling the wells, a sufficient well pad must be constructed to manage the drilling and supporting equipment necessary to make the well site operational. Erosion and sediment (E&S) controls are installed to limit the effects of the disturbance and to provide limited secondary containment of site operations. (Pad Construction has been completed for this location).
3. Drilling – wells are drilled to access the target formations. Typically, a conductor casing is installed, followed by top hole well installation (surface and intermediate strings) and horizontal well installation. Once the well(s) are drilled, casing is installed prior to stimulation and final production.
4. Stimulation (“fracturing”) – Once the well has been drilled, it must be stimulated (“fractured”) to obtain optimum performance of the well. The well casings are perforated; then water and other materials are injected under high pressure to fracture the rock of formation providing the natural gas. The majority of the water and materials “flows back” following stimulation and

prior to production. The water utilized to stimulate the well is transported either utilizing tank trucks or dedicated pipelines. Produced water is stored on-site in tanks.

5. Pad restoration – Within 9 months after the well has been stimulated and begins producing, the size of the well pad is reduced, the disturbed areas are restored, and the scale of E&S controls is reduced.

B. Supporting Structures

1. Flowlines – Flowlines transfer natural gas to the central production facility. Buried flowlines transporting water, flow back fluids, and brine are constructed of steel. Low pressure natural gas lines are constructed of polyethylene, high pressure natural gas lines are constructed of steel.
2. Separators – Separators are utilized to remove naturally occurring water and brine from the natural gas.
3. Storage – Bulk storage tanks are utilized to store produced fluids are provided with secondary containment.

C. Notifications

Notifications via telephone and/or email to the WV DEP inspectors will be made in accordance with the existing regulations and include the following:

- 1) Contact the State Inspector at least 24 hrs prior to spudding the well.
- 2) Call WV-DEP O&G Inspector prior to spud, rig moves, cement jobs (24 hr. notices)
- 3) A Copy of the Site Safety Plan will be submitted to the County Emergency Services office within 7 days from land disturbance or well work.

4. Chemical Inventory & MSDS

A. Material Safety Data Sheets

Material safety data sheets will be readily available onsite at the well location, and will be kept up-to-date by the drilling superintendent. All MSDS are included on the attached CD.

B. Inventory of Materials

An inventory of drill mud is included below. Material Safety Data Sheets will be located on site within the doghouse and are attached on the CD:

ExWate	Citric Acid	Bicarbonate of Soda	Graphite
Evolube DPE II	Pollmer Beads	Salt (Sodium Chloride)	Newzan D
Newpack R	Newpack	DynaLose CM	Sodium Hydroxide
Soda Ash	Diald 25	Nofoam A	Nofoam X
NewArmor	Newplug	Cotton Seed Hulls	Magma Fiber
Newcarb Fine	Newcarb Medium	60/40 blend	

5. BOP and Well Control

A. List of BOP Equipment

The BOP equipment required for Tribune's well drilling activities is detailed in the schematic below:

BLOWOUT PREVENTER SCHEMATIC

WELL : _____
FIELD : _____
RIG : _____
COUNTY : _____
OPERATION : 8 3/4" or 7 7/8" Production Hole

STATE : _____ / _____ / _____
REVISION : _____ / _____ / _____

Component Descriptions			
Size	Pressure	Description	
A	11"	500 psi	Rotating Head
B	11"	5,000 psi	Annular
C	11"	5,000 psi	Pipe Ram
D	11"	5,000 psi	Blind Ram
E	11"	5,000 psi	Mud Cross
F			
G			
H			
DSA			
C Sec			
B Sec 13 1/2" 3M x 11" 5M w/ 5M Gate Valves			
A Sec 13 1/2" SOW x 13 1/2" 3M w/ 3M Gate Valve			

ID	Pressure	Description
2 1/16"	5,000 psi	Check Valve
2 1/16"	5,000 psi	Gate Valve
2 1/16"	5,000 psi	Gate Valve

ID	Pressure	Description
3 1/16"	5,000 psi	Gate Valve
3 1/16"	5,000 psi	HCR Valve
3 1/16"	5,000 psi	Steel or Colflex Line

Testing Requirements

Item	Pressure	Frequency
Rotating Head	250 / 500 psi	Once prior to DO shoe
Annular	250 / 1,500 psi	Every 21 Days
Rams	250 / 5,000 psi	Every 21 Days
Choke Manifold	250 / 5,000 psi	Every 21 Days

- Visual inspection at least once each tour
- Function test pipe rams once per day while drilling
- Function test blind rams on trips (not more than once per day)

Approved by

Date

BLOWOUT PREVENTER SCHEMATIC

WELL :
FIELD :
RIG :
COUNTY :
OPERATION : 12 1/4" Intermediate Hole

STATE :
REVISION : : / /

Component Descriptions

Size	Pressure	Description
A	13 1/2"	500 psi Rotating Head
B	13 1/2"	3,000 psi Annular
C	13 1/2"	3,000 psi Mud Cross
D	13 1/2"	3,000 psi Drilling Spool
E		
F		
G		
H		
DSA		
C Sec		
B Sec		
A Sec	13 1/2" SOW x 13 1/2" 3M w/ 3M Gate Valve	

Location	Reference

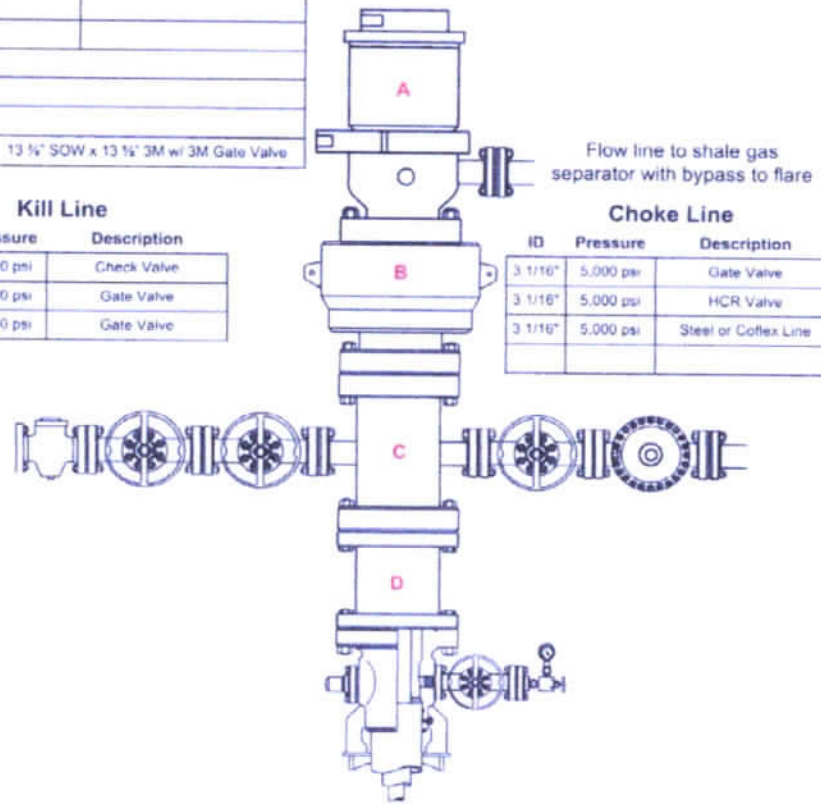
Trip Tank Required: Yes No
 *when drilling on mud

Kill Line

ID	Pressure	Description
2 1/16"	5,000 psi	Check Valve
2 1/16"	5,000 psi	Gate Valve
2 1/16"	5,000 psi	Gate Valve

Choke Line

ID	Pressure	Description
3 1/16"	5,000 psi	Gate Valve
3 1/16"	5,000 psi	HCR Valve
3 1/16"	5,000 psi	Steel or Colflex Line



Testing Requirements

Item	Pressure	Frequency
Rotating Head	250 / 500 psi	Once prior to DO shos
Annular	250 / 1,500 psi	Every 21 Days
Choke Manifold	250 / 1,500 psi	Every 21 Days

- Visual inspection at least once each tour.
- Function test pipe rams once per day while drilling.
- Function test blind rams on trips (not more than once per day)

Approved by	Date
SEM	
UP	
BAL	

BLOWOUT PREVENTER SCHEMATIC

WELL :
FIELD :
RIG :
COUNTY :
OPERATION : 17 1/2" Surface Hole

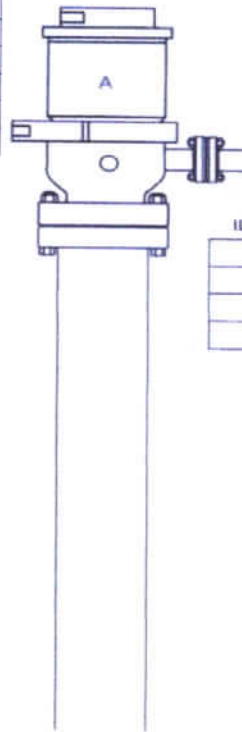
STATE :
REVISION : : / /

Component Descriptions

Size	Pressure	Description	
A	20"	500 psi	Rotating Head
B			
C			
D			
F			
F			
G			
H			
DSA			
C Sec			
B Sec			
A Sec			

Snagpot	Reference

Trip Tank Required: Yes No



Kill Line

ID	Pressure	Description

Choke Line

ID	Pressure	Description

Testing Requirements

Item	Pressure	Frequency
Rotating Head	250 / 500 psi	Once prior to DO shoe

Approved by _____ Date _____

REC'D	
BY	
SA	

B. Procedure and Testing of BOP Equipment

The following summarizes the BOP testing standard operating procedures:

- Precede all high-pressure tests with a 250-psi low-pressure test.
- BOP Pressure test frequency:
 - At nipple-up;
 - Every 21 days;
 - After changing out any rams;
 - Following any BOP repairs;
 - Prior to drilling out cementing plug in casing strings.
- In addition to the pressure tests outlined above, the following tests will also be conducted:
 - The pipe rams will be function tested and documented at least once per day.
 - A visual inspection of the BOP, surface lines and the accumulator/ closing unit will be conducted and documented every rig tour.
 - The blind rams will be function tested and visually inspected upon every complete trip out of the hole with the drill string.
 - All tests, both visual and function tests will be recorded in the IADC log, they will be noted as to type and time in the daily drilling report and they will be listed under the appropriate well in the BOP Test Log Book kept in the Company Man's trailer.
- *ANY BOP NOT PASSING A PRESSURE (HIGH OR LOW), FUNCTION OR VISUAL TEST WILL IMMEDIATELY BE PLACED OUT-OF-SERVICE.*

C. List of BOP Trained and Actively Certified Personnel Involved in Drilling Operations and Recording of Significant Drilling Events

There will be a BOP trained person or persons on site during the drilling operations at all times. BOP trained personnel will include Tribune's Company Man who will be present during drilling operations. All daily information from the drilling activities will be included on the "Daily Drilling Report". The Daily Drilling Report will be available at the well site for inspection by authorized personnel. The Office of Oil and Gas will be notified via telephone immediately following large shows of oil, gas, and/or H₂S that occur during drilling operations. Tribune's company man will be responsible for this notification.

D. Maintaining Records

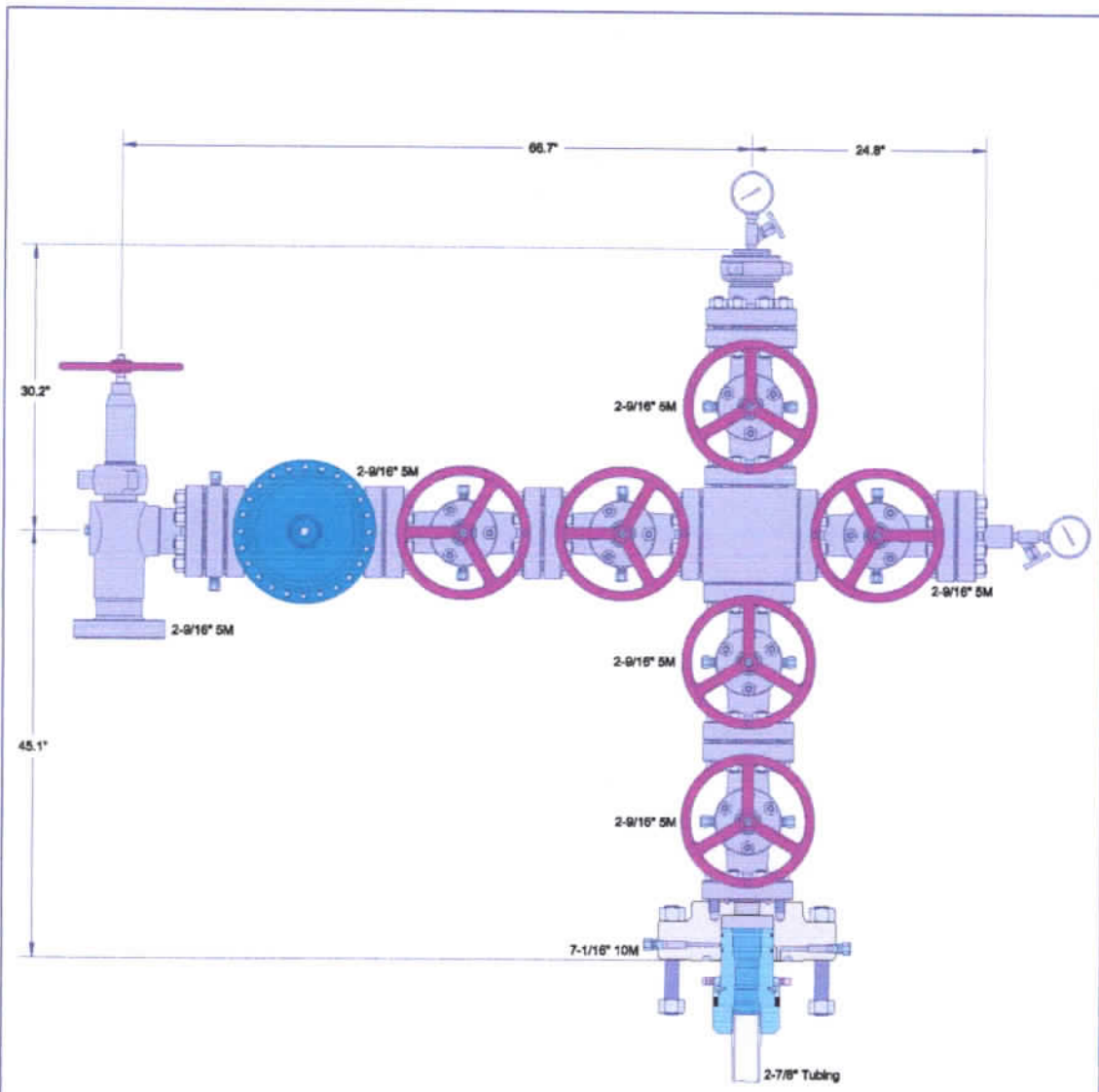
All records will be maintained in Tribune's data base system. The well site supervisors and/or drilling superintendent will be responsible for ensuring all records are up-to-date. In the case of loss of circulation, hydrogen sulfide gas, fluid entry, abnormal pressure, or any other drilling emergency, the drilling superintendent will notify the Emergency responders and the O&G Inspector via cell phone or radio communications as soon as possible if an unusual drilling event occurs.

E. Notification

Tribune will notify the Emergency responders and the O&G Inspector via cell phone or radio communications as soon as possible if an unusual drilling event occurs, hydrogen sulfide gas monitors alarm or any large kick that occurred during drilling operations.

F. Wellhead Assembly Schematic

Please see below for the entire wellhead assembly schematic.



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ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC	TRIBUNE RESOURCES NORTHEAST	
	DRAWN	DLE
7-1/16" 10M x 2-9/16" x 2-9/16" 5M Production Tree Assembly With 7-1/16" 10M x 2-9/16" 5M EN-(CL) Tubing Head Adapter And 7-1/16" x 2-7/8" CTH-EN Tubing Hanger	APPRV	01MAR19
	DRAWING NO. DNE0000481	

G. Well Killing Operations for Drilling Hazards and Preparations

- Directional / Anti-Collision:
 - Survey / gyro vertical hole as necessary. Anti-collision reports must be run to ensure no inferred issues or problems are present prior to commencing drilling operations
 - A directional plan must be up to date and approved by Drilling Engineer
- Wellbore Stability:
 - Adequate mud weight shall be maintained at all times to help maintain mechanical strength of the rock, wellbore stability, and for well control
- Hole Cleaning:
 - The supervisor will note any problems that occur while drilling (i.e. drag, torque, tight hole, and lost returns) on IADC form and on the Tribune Morning Report.
 - Build and pump sweeps as needed and monitor sweep returns at the shaker, adjusting the sweep frequency and volume accordingly.
 - Replace shaker screens with fine mesh as flow rate and solids loading allow
 - Proper mud properties such as viscosity must be maintained as per the mud program to ensure drill cuttings are being properly transported out of the wellbore.
 - Optimum pump rates/flow rates must be maintained at all times while drilling ahead to ensure drill cuttings are being properly transported out of the wellbore.
 - Run and maintain all solids control equipment available at all times to ensure LGS are being removed from the mud system.
- Differential Sticking:
 - There is not a history of differential sticking in this field to date.
- Lost Returns:
 - There is limited history of lost returns in this field to date; however, Tribune always uses standard drilling and tripping practices to minimize ECD's and surge pressures on the wellbore.
 - If losses occur, the Drilling Superintendent will be immediately notified.
 - The mud company will have on hand approved amount of LCM in the event of fluid losses or a loss of returns
 - Maintain adequate amount of base fluid for building new mud in the event of fluid losses.
- Abnormal Pressure:
 - The entire well is expected to be normally pressured.
 - The field does not have a history of well control situations.
 - If a well control situation occurs, the Drilling Manager, EHS Manager, and the Office of Oil and Gas Inspector will be immediately notified via telephone.
- In the event that a well is required to be "killed", proper well control methods will be employed. Mud weight additives, such as barite, will be on-site and can be added to increase mud weight sufficient enough to "kill" and control the well.

6. Hydrogen Sulfide (H₂S)

A. H₂S Monitoring Equipment Schematic

Please refer to the attached diagram illustrating the H₂S monitoring equipment placement.

B. Statement of Personnel Training

A safety training program shall be given to all personnel who may be required to work in a known or suspected H₂S environment. This training must be given prior to working in an H₂S environment. The following areas must be covered in the program.

- Hazards, properties and characterizes of H₂S and sulfur dioxide (SO₂) gases
- Sources of H₂S and SO₂
- Use of H₂S detection devices
- Description of H₂S and/or SO₂ detection systems used at the workplace
- Symptoms of exposure
- Respiratory protection requirements
- First aid procedures and equipment including location of safety equipment
- Use of the “buddy system”
- Wind direction awareness and routes of egress (exits)
- Confined space and enclosed space entry procedures
- Contingency plans including gauging procedures
- Tribune requirements for H₂S locations. This should include a discussion of safe workplace practices and procedures

All personnel who work in or may be required to work in an H₂S area (employees and contractors) shall complete a refresher course in H₂S safety annually.

All training shall be documented. Contractors shall document and provide verification of such training of their employees upon request.

C. Notification Method and Access Control

A visual and audio alarm system will be utilized on the rig floor to alert all persons on location of the presence of H₂S. Audio alarms will activate on the monitoring equipment in the event H₂S is detected. Visual hand signals and voice commands will be utilized immediately following a meter detection of H₂S.

In the event hazardous concentrations of H₂S gas are encountered while drilling, a responsible person will be positioned at the muster point (lease road entrance) to prevent any and all unauthorized persons from coming on to the drill site. Any residential notification will be made verbally after travelling to each residence. Emergency responders will be notified via cell phone or radio communications.

D. Monitoring/Protection Equipment

The following details precautions and equipment that will be utilized during drilling operations:

Shallow Gas and/or H₂S:

- Use a rotating head to divert shallow gas if encountered.
- If H₂S is encountered, it is mandatory to immediately contact the Drilling Superintendent, HSE Director, and the O&G Inspector via telephone.
- There is not a history of H₂S in this field to date.
- A H₂S trained and qualified individual will be on site to setup H₂S monitoring activities

In addition to the above, portable meters will be placed at the possum belly at the shaker to warn of any potential H₂S encounters. Please refer to the attachment illustrating the H₂S monitoring equipment placement.

E. Personal Protective Equipment

Personal Protection Equipment (PPE) - All employees and contractors are required to wear the appropriate PPE including Fire-Resistant Clothing (FR), Hard Hats, Hearing Protection, Safety Glasses, Steel Toe Boots, and any other PPE equipment as required for operation specific jobs including gloves, respirators, etc.

F. Flaring

Tribune does not intend to flare during drilling operations or following completion activities. In the event well flaring operations (other than tank vapor gas flaring during flowback and production) are warranted, this plan will be modified and the DEP will be notified and updated with the modifications.

G. Collision Avoidance

A. Anti-Collision General Policy

- All wells whose planned well path has potential collision risk with existing wells will be actively monitored for collision.
- No drilling will occur on pads with actively producing wells within 200'. Refer to SimOps Section in the BMP (Best Management Practice) manual.
- Separation factors (SF) will be planned for and maintained above 2.0 unless specific requirements outlined in the following sections are met.
- If SF falls below 2.0 or magnetic interference occurs on an unplanned basis, drilling will stop until an adequate procedure is in place to mitigate risk.
- SF factors between 2.0 and 1.5 may be permitted if risk can be reduced through sound engineering data and operational practice. Verbal approval from Drilling Manager is required to proceed.
- Contact the O&G Inspector immediately if there is a collision or SF less than 1.0
- SF factors between 1.0 and 1.5 will only be permitted under certain scenarios provided full consideration is given to the risks and associated consequences. These must be appropriately mitigated with sound engineering data and operational practices and a written procedure must be approved by the O&G Inspector and the Drilling Manager.
- The Pedal Curve method will be utilized to calculate a Separation Factor (SF) between ellipses
- Survey calculations shall be the Minimum Radius of Curvature method.

B. Survey Requirements

- General Requirements

- All survey data shall be required to have azimuths pre-corrected to Grid North. The values for convergence and declinations and depth datum details used shall be reported on all definitive surveys. Additionally, survey tool accuracy should be specified on all definitive survey reports presented to Tribune.
- All survey plats will be checked for accuracy by the Field and Water management group and also by the drilling engineer before sending plats to directional company for well planning.
- All directional plans will be checked to verify proper grid correction; the plan must be approved by the drilling engineer before proceeding ahead.
- NAD 27 will be the geodetic reference system unless regulatory requirements dictate otherwise.
- In all wells where MWD surveys are not run, a regularly spaced Gyro Multi-Shot (GMS) survey shall be obtained at a frequency not to exceed 100'.
- While directional drilling, MWD survey frequency shall not exceed 90'. Approval from engineer must be obtained to exceed 90' surveys but will be limited to a maximum of 180' in the lateral portion of the well.
- All definitive surveys will contain the following data:
 - Well Name
 - Rig Floor Elevation
 - Local Coordinates
 - Section Plane
 - Declination Applied
 - Grid Convergence Applied
 - Any other correction applied
 - UTM Model
 - Survey History - Depths and Dates
 - Survey Tool Errors
- Deviation calculations shall be performed by the directional drilling contractor. The directional drilling contractor is responsible for the accurate reporting of all wellbore positioning data. The directional drilling contractor will present the definitive surveys utilizing data from any of Tribune surveying contractors.
- The quality of the surveys taken shall be checked independently by the directional driller using the surveying contractor's approved survey acceptance criteria.
- The Tribune representative will check tie-in data before drilling out of each hole section. Projected surveys will never be used to tie-in subsequent surveys.
- Magnetic Survey Requirements
 - The directional drilling contractor will calculate the following before each directional BHA is run:
 - Sufficient non-magnetic spacing is in place at both MWD and MMS positions to deliver < 1 degree azimuth error due to drill string interference.
 - BHA SAG correction for MWD and MMS positions. If SAG corrections is \geq 0.1 degree inclination it must be applied.

- Gyro Survey Requirements
 - GMS surveys shall be run in all surface and intermediate casing strings on all pad drilling projects unless an MWD survey was run while drilling to casing point.
 - Gyro Single Shot (GSS) shall be used in place of magnetic survey instruments in all cases where magnetic interference from nearby wells is experienced until adequate separation is achieved and magnetic interference is eliminated.
 - Gyro Single Shot Surveys shall be taken when drilling surface hole sections whenever magnetic interference is detected.
 - Gyro Multi Shot Surveys shall be taken to decrease positional uncertainty prior to drilling critical hole sections (i.e. high-pressure sections, critical wellbore proximity hole sections, etc.). In this instance the requirements for the GMS shall be clearly stated in the drilling program.

C. Well Planning Requirements

- Prior to drilling, a preliminary directional plan for all wells on pad will be created and a preliminary closest approach 3D proximity scan will be made to verify adequate planned wellbore separation.
- During collision scans all offset well surveys will be evaluated for accuracy.
- Industry accepted error modeling tools (ISCWSA) will be applied at a minimum of 2.0 sigma confidence.
- NAD 27 will be the geodetic reference system unless regulatory requirements dictate otherwise.
- During the well planning process, the Directional Drilling Contractor shall calculate a Separation Factor for all potential collision risk wells identified in the clearance scan and will be verified by the drilling engineer.
- The Directional Drilling Contractor and Drilling Engineer shall make a reasonable effort to plan the well to maintain S.F. over 2.0.
- All wells planned with a S.F. of less than 2.0 require Drilling Manager approval.
- After completion of location and prior to setting the conductor the land survey company will resurvey the stakes for each surface location and drive a steel stake in the ground identifying each individual well. An as-built will be created and circulated to the Drilling Engineer and Drilling Superintendent identifying each well and the appropriate X and Y locations.
- The Drilling Superintendent will create a bubble plot of location to indicate well location and compare to the As-Built Survey Plat.

D. Well Execution Requirements

- The Drilling Representative shall have overall responsibility for the maintenance of safe operations when drilling in close proximity to other wells. The lead directional driller is responsible for the accurate reporting of the wellbore positioning and projection and calculation of bit position and uncertainty at the bit. Tribune's company representative on site will verify the

directional driller's numbers. In any potential approach or crossing of any wellbore (planned or drilled), Tribune's directional specialist will verify all surveys and projections.

- First wells on pads may be drilled with inclination only surveys at intervals of no greater than 500' provided that no collision risks exist. A GMS must be run prior to picking up directional tools.
- Proper tool alignment and orientation **MUST** be verified by the Lead Directional Driller and the AELP company representative on site.
- For additional wells on pad, the surface hole section may be surveyed with Magnetic Single Shot (MSS) tools at a frequency no greater than 200', provided that a SF > 2.0 is maintained.
- If the section below surface casing is planned vertical, Magnetic Single Shot tools may be run at an interval no greater than 500' provided a center-center separation distance of 150' is maintained. If the C-C distance decreases below 150', a GMS or MWD survey must be run at an interval no greater than 90'.
- Prior to picking up directional MWD tools, a GMS survey will be run at intervals of no more than 100'.
- All directional plan tie-in points will be verified by the drilling engineer and the directional drilling contractor. If a projection is used for tie-in, this projection will be replaced with a survey once drilling commences.
- Offset well monitoring and reporting will be performed by the directional driller on location, if the Separation Factor falls below a 2.0, Anti-Collision software must be used to verify the SF and Center-Center distance of any potential well approach or collision.
- Suspension of Drilling Operation

The following rules shall apply at all times when the calculated Separation Factor for the drilling well falls below a SF of 2.0 on an unplanned basis:

- When the SF falls below a 2.0 on an unplanned basis, the Drilling Superintendent shall be informed, and drilling shall immediately cease.
- A plan of action shall be formulated after considering the following options:
 - ❖ Re-survey the current well with a more accurate survey tool to reduce the radius of uncertainty and increase the projected S.F. to 2.0.
 - ❖ Make a trip to allow use of a steering BHA to alter the well path and increase the projection of S.F. to 2.0 or that specified by the well plan.
 - ❖ Plug the well and side-track at a depth where the well can be safely re-drilled.
 - ❖ If the Drilling Manager determines adequate risk mitigation procedures are in place, drilling may resume.
 - ❖ If the SF falls below a 1.5, a written procedure identifying risks and mitigation approved by Drilling Manager is required prior to resumption of drilling activity.
 - ❖ If the SF falls below a 1.0, the well will be plugged back and the sections of the well of concern will be sidetracked unless an exception and written procedure is approved by the Drilling Manager.

- Drilling fluid of an appropriate density will be utilized in any portion of the well with SF less than 2.0.
- For wells planned below a SF of 2.0, adequate risk mitigation and written drilling manager approval must be in place before drilling ahead.

Attachments

Drilling Contractors:

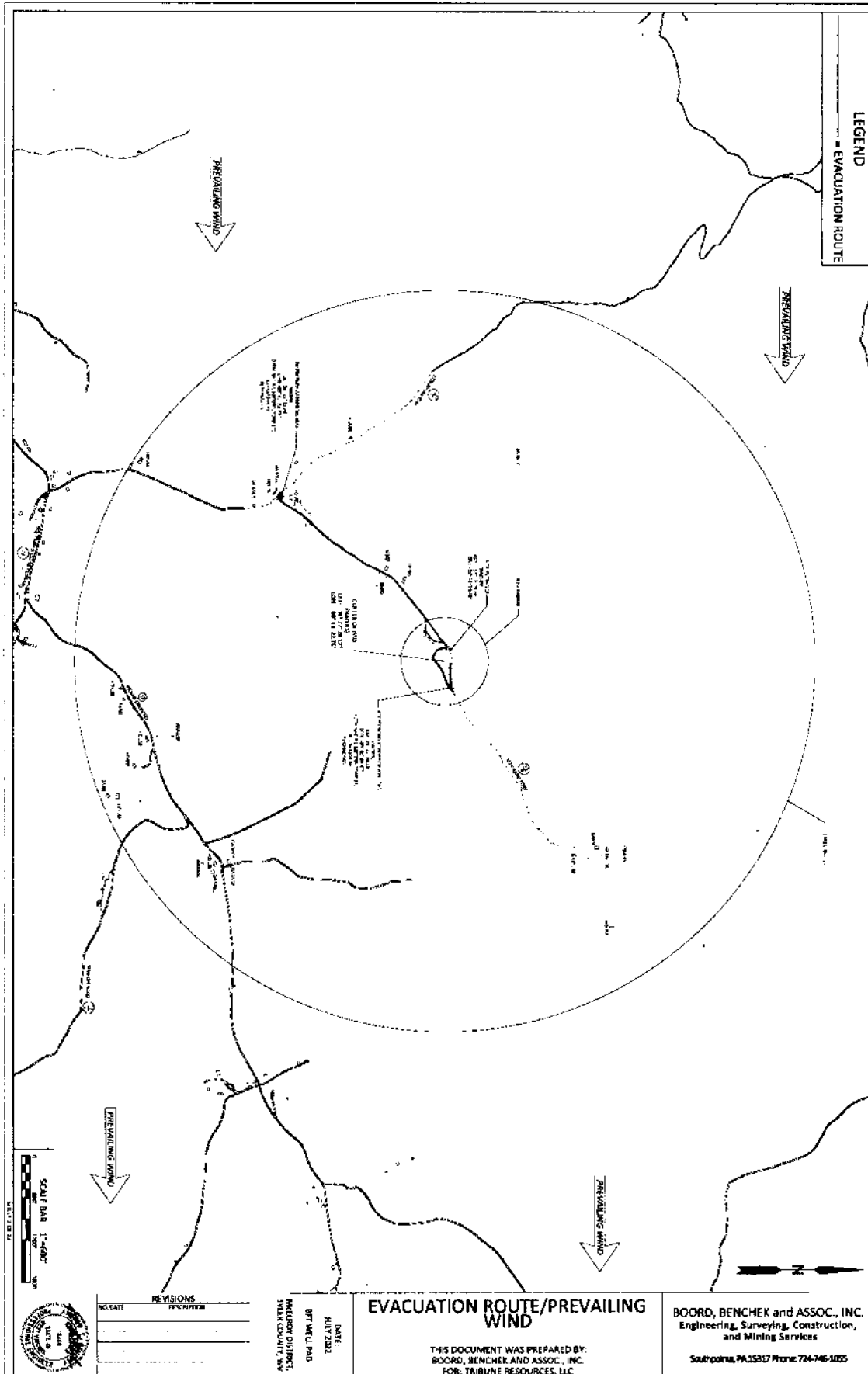
Company	Service	Contact	Cell	Email
Apex Energy Services	Pit/tank cleaning, roustabouts trucking/hauling services	Bill Yakin	(724) 747-6100	byakin@apexservice.us
Derrick	OEM shaker screens for Hyperpool	Crystal Hoffpauir	(337) 781-8947	cghoffpauir@derrick.com
Enerstar	Rentals/Trailers Off road diesel	Jarrad Turner	(570) 567-4237	jturner@enerstarrentals.com
Franks International	Casing running crews/equipment - backup	Bryan Nemal	(724) 970-4206	bryan.nemal@franksintl.com
Gyro Data	Gyro surveys, wireline services	Matt Kotar	(412) 770-8546	mkotar@gyrodata.com
H&P	Rig contractor/rentals	Ricky Shoalmire	(814) 441-9274	ricky.shoalmire@hpinc.com
Halliburton	Baroid	Stephen Sparks	(701) 421-2554	stephen.sparks@halliburton.com
Halliburton	Solids control	William Reed	(304) 641-0404	william.reed2@halliburton.com
Halliburton	Cementing	Ryan Wilson	(406) 437-1409	ryan.wilson2@halliburton.com
Ken Miller Supply	Casing/inspection/cleaning	Kirk Miller	(330) 465-6554	kmiller@kenmillersupply.com
B&L Pipeco	Tubulars	Robert Reesman	814-952-2754	robert.reesman@blpipeco.com
KLX	Wireline, BOP testing/RU&RD, air pkg rentals	Greg Swiantek	(724) 989-4344	greg.swiantek@klxenergy.com
Koury Geosteering	Geosteering support	Chad Koury	(304) 288-7940	chad@kourygeosteering.com
KSW	Rentals/vaccuums/pumps	Nelson Mitzen	(724) 710-0167	nmitzen@kswoilfield.com
Mid-East Truck and Tractor Service, Inc.	Rig MOB trucking company	Kyle Norman	(330) 933-4244	kyle@mideastrucking.com
New Pig	Containment/liners/rentals	Chris Dilley	(814) 515-5026	chrisd@newpigernergy.com
NGE	Cuttings disposal/management	Gene Stuthers	(412) 622-4118	gstuthers@ngeconsulting.com

Pason	PVT/drilling data/instrumentation	Mark Long	(304) 517-4742	mark.long@pason.com
RC Testing	hydrostatic pressure testing for BOP and related equipment; markup/breakout services; casing cutting services with cold-cut saw	Tony Northrop	(570) 766-6265	tony@rctestingllc.com
	Site security/guard shack, rentals			
	Water hauling/non-potable&potable water			
Schlumberger	Directional coordinator	Luke Reneaud	(724) 820-3318	lreneaud@slb.com
Schlumberger	Planning, engineering, bits	Matt Shannon	(724) 820-3321	mshannon@slb.com
	Off road diesel - backup			
	Road/location repairs & materials			
Strad	Upright tanks/mats/rentals	Steven Antoinette	(724) 802-5773	santoinette@stradinc.com
Ten Mile Logistics, LLC	Strad's tank haulers	Dan Motor	(724) 747-1779	dmotor@tenmile.us
TRK	Casing running crews/equipment	Jordan Beckner	(724) 747-0402	jbeckner@trkcasing.com
Washita Valley Enterprises Inc.		Jason Pletcher	(724) 886-0901	
White's	Flare stack, catch tank, drive over, & vent lines	Kyle Grubaugh	(724) 554-8981	kyle@whitesequipment.com

Completion Contractors

Company	Contact Name	Number	Email Address
Halliburton	Ryan McCormick	724-422-1835	ryan.mccormick@halliburton.com
ProFrac	Bryan Dickson	412-518-2021	bryan.dickson@profrac.com
Nextier Oilfield Solutions	Steve England	330-418-2851	steve.england@nextierofs.com
TechnipFMC	Derek Burdick	814-558-8638	derek.burdick@technipfmc.com
Liberty Frac	Corey Ray	740-312-8180	corey.ray@libertyfrac.com
Stingray Well Services	Troy Roulo	405-441-8509	Troulo@stingraypp.com
CalFrac Well Services	Tony Kioalicas	724-986-7221	akioalicas@calfrac.com
Tetra	Mike Soltis	570-439-3269	MSoltis@tetrathec.com
Multi-Chem	Michael Ruby	724-366-0892	Michael.Ruby@halliburton.com
Producers Service Corp	Dan Mullins	740-586-8690	dmullins@producersservicecorp.com
Horizontal Wireline	Michael Queen	724-493-6110	michael.queen@ahwireline.com
Nextier Oilfield Solutions, LLC	Brad Murdock	832-707-0520	bmurdock@nextierofs.com
Liberty Wireline	Johnny Cagle	304-844-1279	jonathan.cagle@libertyfrac.com
Stric-Lan Companies	Nick DeCecco	267-884-4269	Nickd@striclan.com
New Pig Energy	Chris Dilley	814-515-5026	chrisd@newpig.com
Deep Well Services	Brandon Gardner	724-332-6101	bgardner@deepwellservices.com
Fortis Energy Services	Jeffrey Pardue	985-257-0670	jpardue@fortisenergyservices.com
Consolidated Wellsite Services	Crystal Miller	412-577-9838	crystal.miller@consolidatedwellsite.com
Weatherford	Derek Hardman	330-599-9405	derek.hardman@weatherford.com
Energy Fishing & Rental Services	Rick Levengood	330-260-0338	rlevengood@wellsitef.com
TTS (Thru Tubing Solutions)	Tyler Kirkland	740-792-1561	tkirkland10394@thrutubing.com

WOS (Workover Solutions)	Drew Daily	607-259-7100	ddaley@workoversolutions.com
Gladiator Energy	Drew Curry	724-996-0794	drew.curry@gladiatorenergy.com
CUDD Energy Services	Terry Thomas	337-349-7406	controltthomas3717@cudd.com
Innovex Downhole	Adam Wynn	740-516-1802	adam.wynn@innovexdownhole.com
Halliburton	Stoney Ford	970-640-6661	William.ford@halliburton.com
Repeat Precision	Adam Curry	724-882-9816	acurry@repeatprecision.com
Well-Tec	Alan Comer	304-281-4428	acomer@welltec.com
Philpott Energy Services	Joe Byrne	330-289-4584	jbyrne@philpottsolutions.com
Chemstream Oilfield Services	Bob Garland	412-627-9923	bob.garland@chemstream.com
Aux Energy	Chad Perkins	304-543-1779	chad@aux-energy.com
RapidFire	Ed Ruiz	215-435-3343	eduardo@rapidfirerentals.com
Stallion Oilfield Services	Brain Brockman	570-560-3003	bbrockman@sofs.cc



LEGEND

— EVACUATION ROUTE

PREVAILING WIND

PREVAILING WIND

PREVAILING WIND

PREVAILING WIND

SCALE BAR 1"=400'



REVISIONS	
NO.	DATE

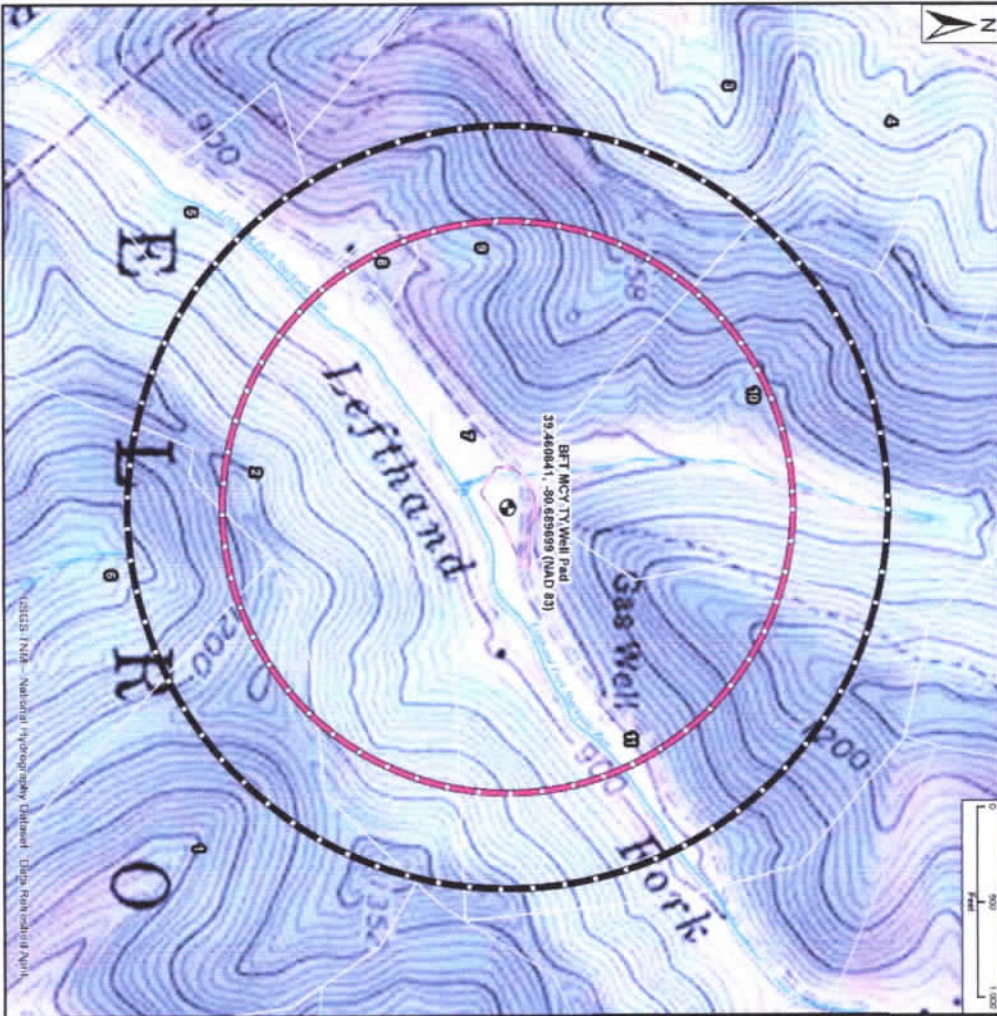
DATE: _____
 BY: _____
 TITLE: _____

EVACUATION ROUTE/PREVAILING WIND

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

BOORD, BENCHEK and ASSOC., INC.
 Engineering, Surveying, Construction,
 and Mining Services
 Southport, PA 15817 Phone: 724-746-5025

12/02/2022



BFT MCY TY Well Pad

Water Sampling Field Map
Tyler County, West Virginia

PROPERTY ID	ASSET NUMBER	ADDRESS	MULTIPLE ADDRESS	LOCAL ADDRESS
00-000	00-000	Craft Road 3, South - America, WV	00001 USA, Coalfield Americus, WV 26207	00001 USA, Coalfield Americus, WV 26207
00-001	00-001	South West 100	00-001 USA, Coalfield Americus, WV 26207	00-001 USA, Coalfield Americus, WV 26207
00-002	00-002	2, Craft Ty, America	00-002 USA, Coalfield Americus, WV 26207	00-002 USA, Coalfield Americus, WV 26207
00-003	00-003	South West 100 (2000 ft)	00-003 USA, Coalfield Americus, WV 26207	00-003 USA, Coalfield Americus, WV 26207
00-004	00-004	2000 ft	00-004 USA, Coalfield Americus, WV 26207	00-004 USA, Coalfield Americus, WV 26207
00-005	00-005	South West 100	00-005 USA, Coalfield Americus, WV 26207	00-005 USA, Coalfield Americus, WV 26207
00-006	00-006	1000 ft	00-006 USA, Coalfield Americus, WV 26207	00-006 USA, Coalfield Americus, WV 26207
00-007	00-007	2000 ft	00-007 USA, Coalfield Americus, WV 26207	00-007 USA, Coalfield Americus, WV 26207
00-008	00-008	1000 ft	00-008 USA, Coalfield Americus, WV 26207	00-008 USA, Coalfield Americus, WV 26207
00-009	00-009	2000 ft	00-009 USA, Coalfield Americus, WV 26207	00-009 USA, Coalfield Americus, WV 26207
00-010	00-010	1000 ft	00-010 USA, Coalfield Americus, WV 26207	00-010 USA, Coalfield Americus, WV 26207
00-011	00-011	2000 ft	00-011 USA, Coalfield Americus, WV 26207	00-011 USA, Coalfield Americus, WV 26207

BFT MCY TY Well Pad

- Approximate Well Pad Location
- 1/2 Mile Required Sampling Radius (1500 ft)
- Active Required Sampling Radius (2000 ft)
- Produce well Sampling Stalk
- 1/2 Mile County Parcel Boundary
- WHD Boundary
- Perennial
- Artificial Park
- Intermittent

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Unfettered Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Condition 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Trees

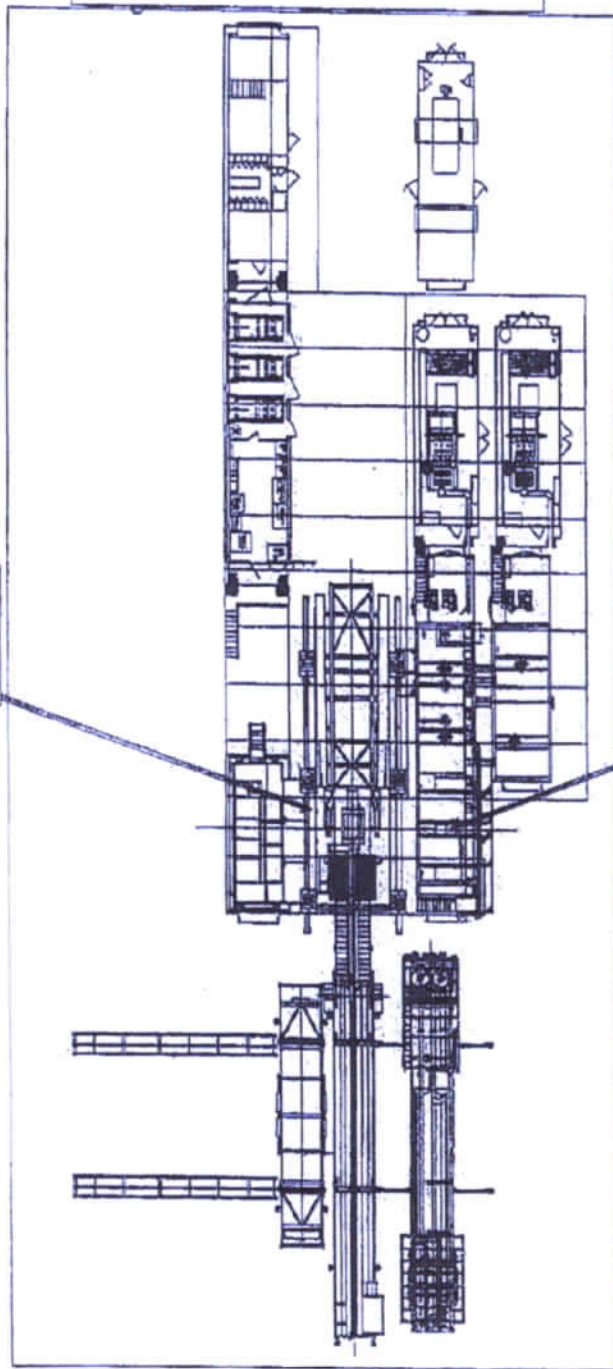
Tribune Resources CALL LIST

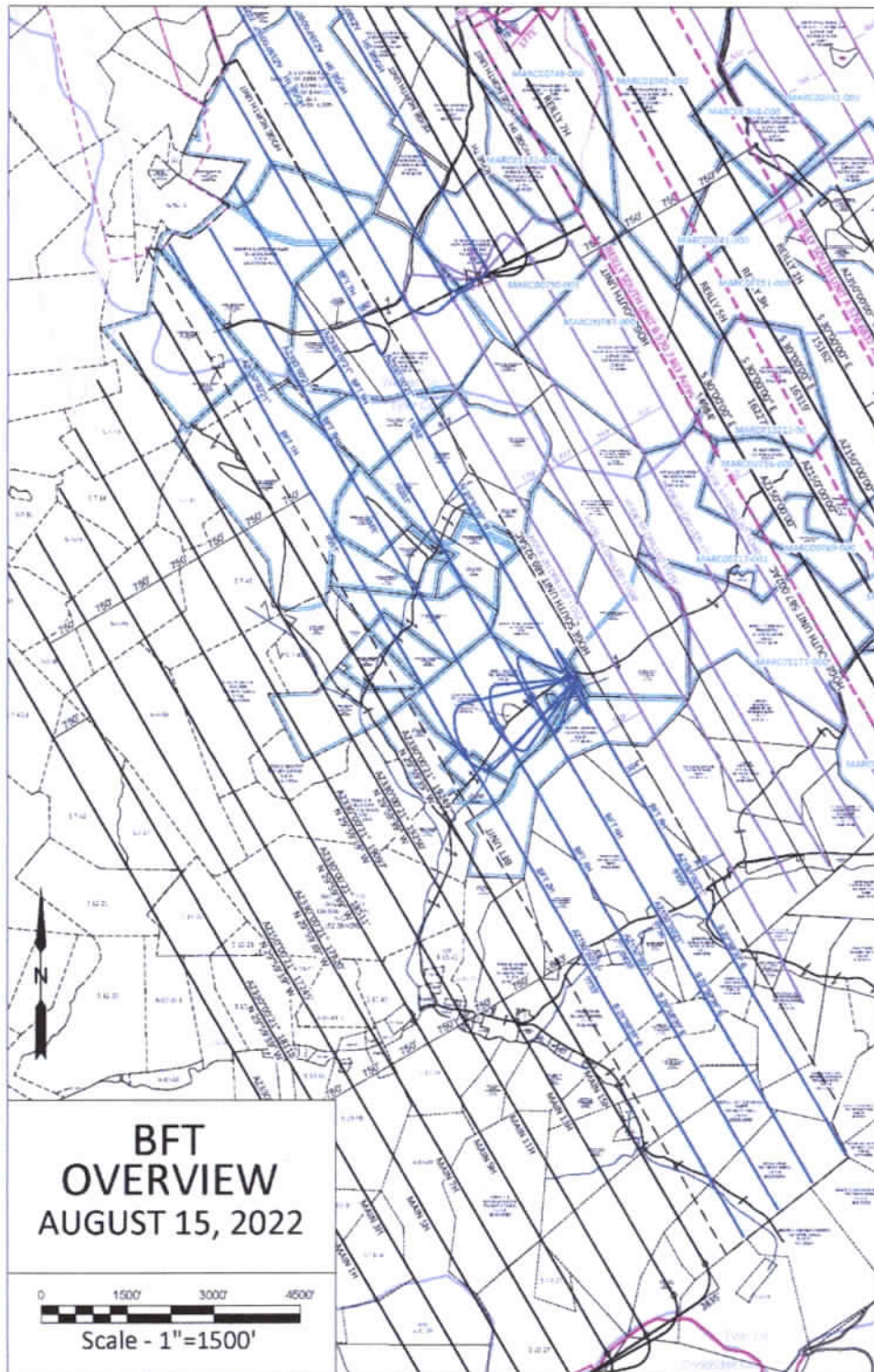
CONTACT	OFFICE	MOBILE
Tribune Resources Emergency Number	1-888-748-8635	
David Roule, Drilling Engineer	(337) 769-0032	(214) 205-8334
Chad Perkins, Completions	(337) 769-0032	(304) 543-1779
Joshua Credeur, Production Manager	(337) 769-4324	(337) 322-4329
Lee Lawson Regulatory/HSE Director	(337) 769-4064	(337) 412-1381
Harman Brown, Field Production Superintendent	(304) 889-2599	(304) 481-7311
Timothy Horner, Production Foreman	(304) 889-2599	(304) 588-3659

H2S Monitoring Locations (Rig Layout may vary)

Location #1: Inside substructure near cellar and BOP stack / Rotating head and rotating head

Location #2: On "possum belly" @ shale shakers, same location where mudloggers place their natural gas detectors - end of flowline, all returns from downhole @ this location





Tribune Resources, LLC

Survey Verification

This form is to provide verification on multiple levels of well plats and azimuthal directional plans and slide adjustments when in critical areas. All survey plats will be checked for accuracy by Tribune Resources, LLC Field and Water Management team. Plats will then be reviewed by Tribune drilling engineer before plats are released to directional drilling contractor for well planning. All directional plans will be reviewed and approved by Tribune drilling engineer before the commencement of drilling operations.

Visual Inspection by Field and Water Management _____

Date: _____

Directional Driller: _____

Azimuthal direction to slide _____

Date: _____

MWD Employee: _____

Date: _____

Company Man: _____

Date: _____



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

Property ID	Parcel ID	Owner(s)	Source Type	Date Sampled	Sample ID	Latitude (NAD 83)	Longitude (NAD 83)
1	05-0-05	Chad Powell & Sharon L. Smith Jr					
2	05-0-24	Robert Wright					
3	05-0-19	Robert Paul Shugart					
4	05-0-7	Robert Paul Shugart					
5	05-0-20	Angie Williams					
6	05-0-20	Condon L. Smith Jr					
7	05-0-21.1	ETI Ascent Services Inc.					
8	05-0-21.1	Tyler Energy & Services Division, Inc.	WEL	4/2/2014	BFT-RW-Walters-01	39.459571	-80.689468
9	05-0-21	Angie Williams					
10	05-0-4	WV Department of Natural Resources					
11	05-0-22	WV Department of Natural Resources					

Legend

- BFT MCY TY Surface Location
- WVDEP Required Sampling Radius (1500 ft)
- Ascent Required Sampling Radius (2000 ft)
- Parcels within 2,000 ft of Surface Location
- Tyler County Parcel Boundaries

Collected Water Samples

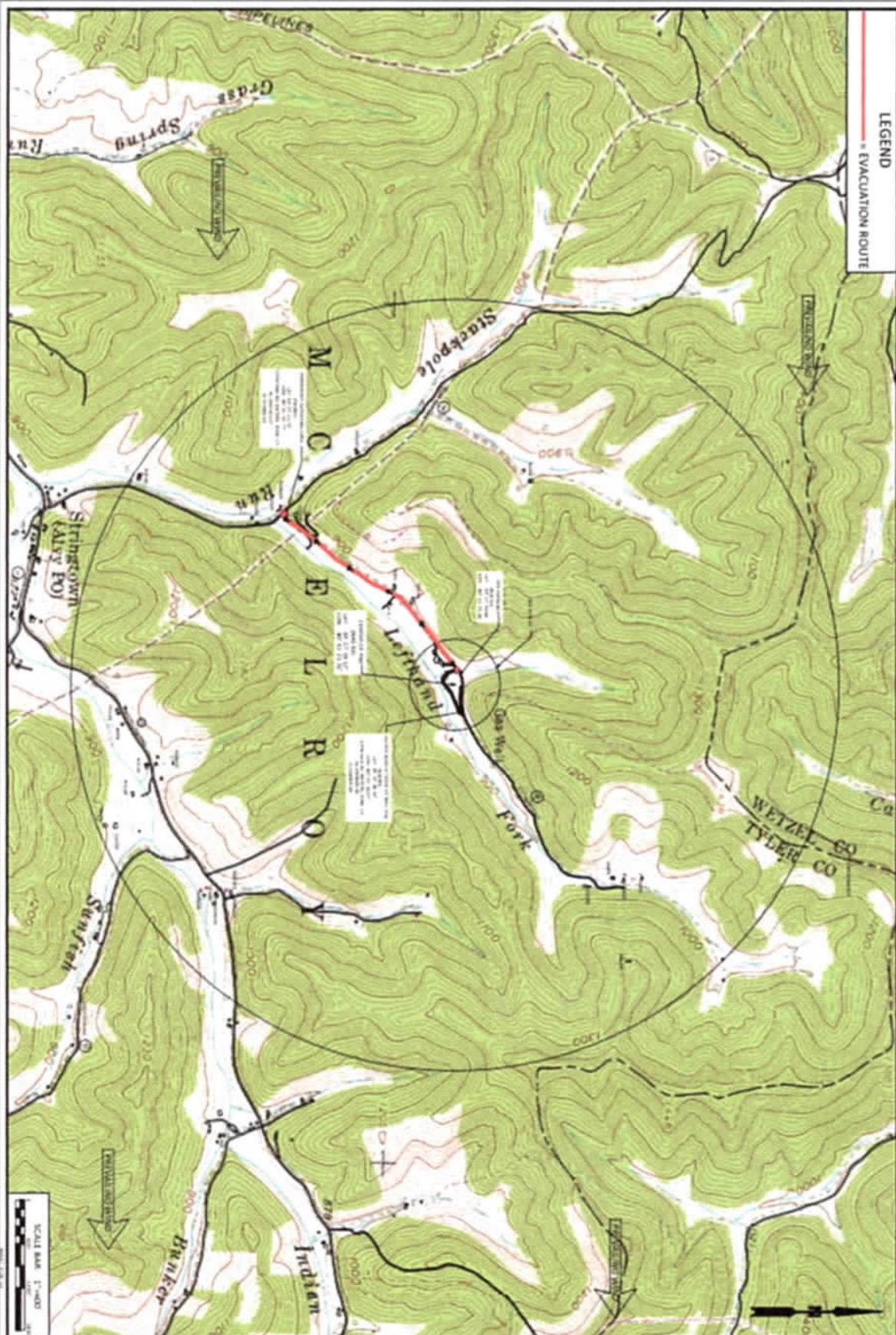
- Well

NHD Streams

- Perennial
- Artificial Path
- Intermittent

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LEGEND
 = EVACUATION ROUTE

SCALE BAR 1"=400'



NO.	DATE	BY

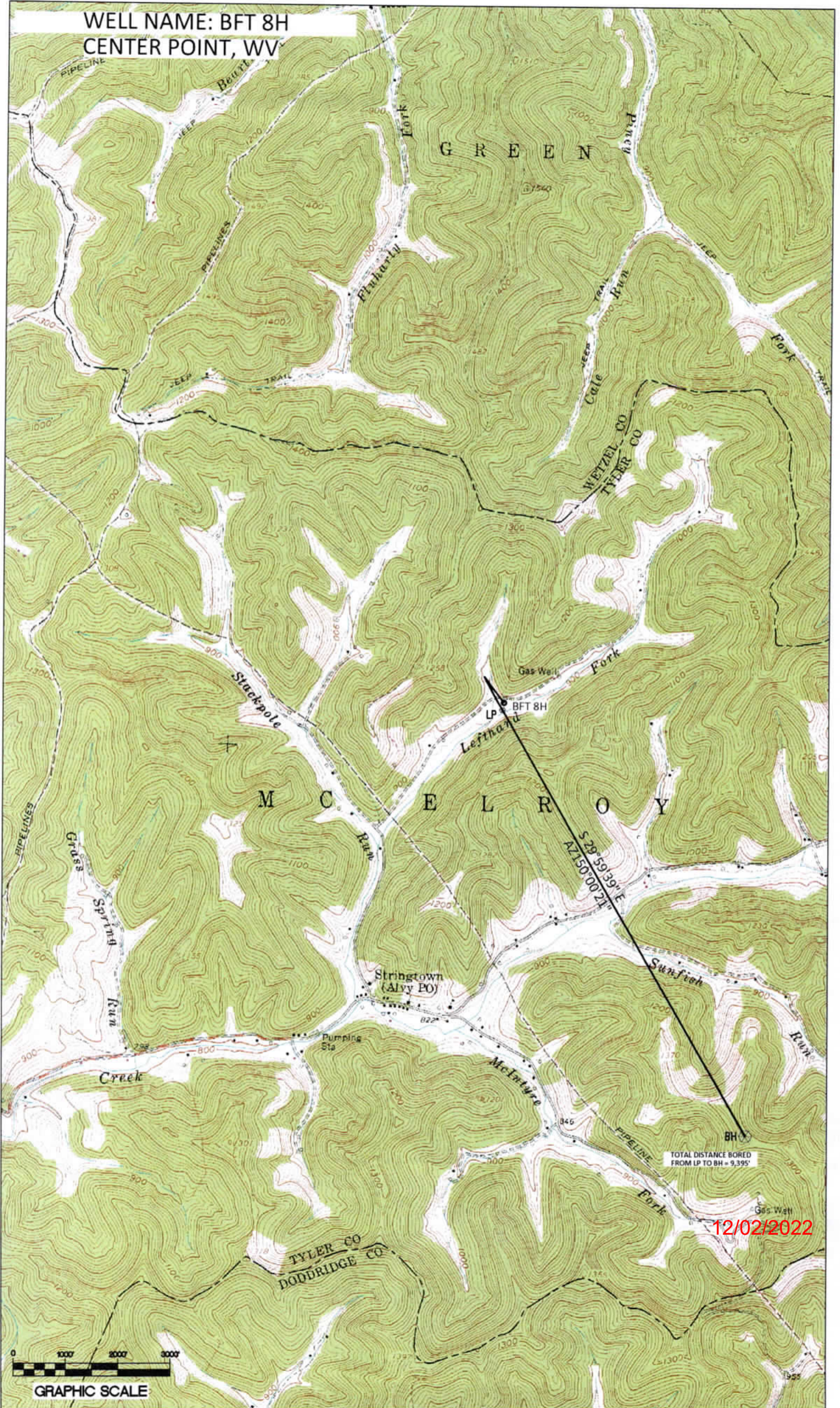
DATE: MAY 2022
 BY: JMT
 PROJECT: ELK RIVER
 CLIENT: TRIBUNE RESOURCES, LLC

EVACUATION ROUTE/PREVAILING WIND

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

BOARD, BENCKEL and ASSOC., INC.
 Engineering, Surveying, Construction,
 and Mining Services
 Suite 400, PA 15217 Phone: 724-786-3285

WELL NAME: BFT 8H
CENTER POINT, WV



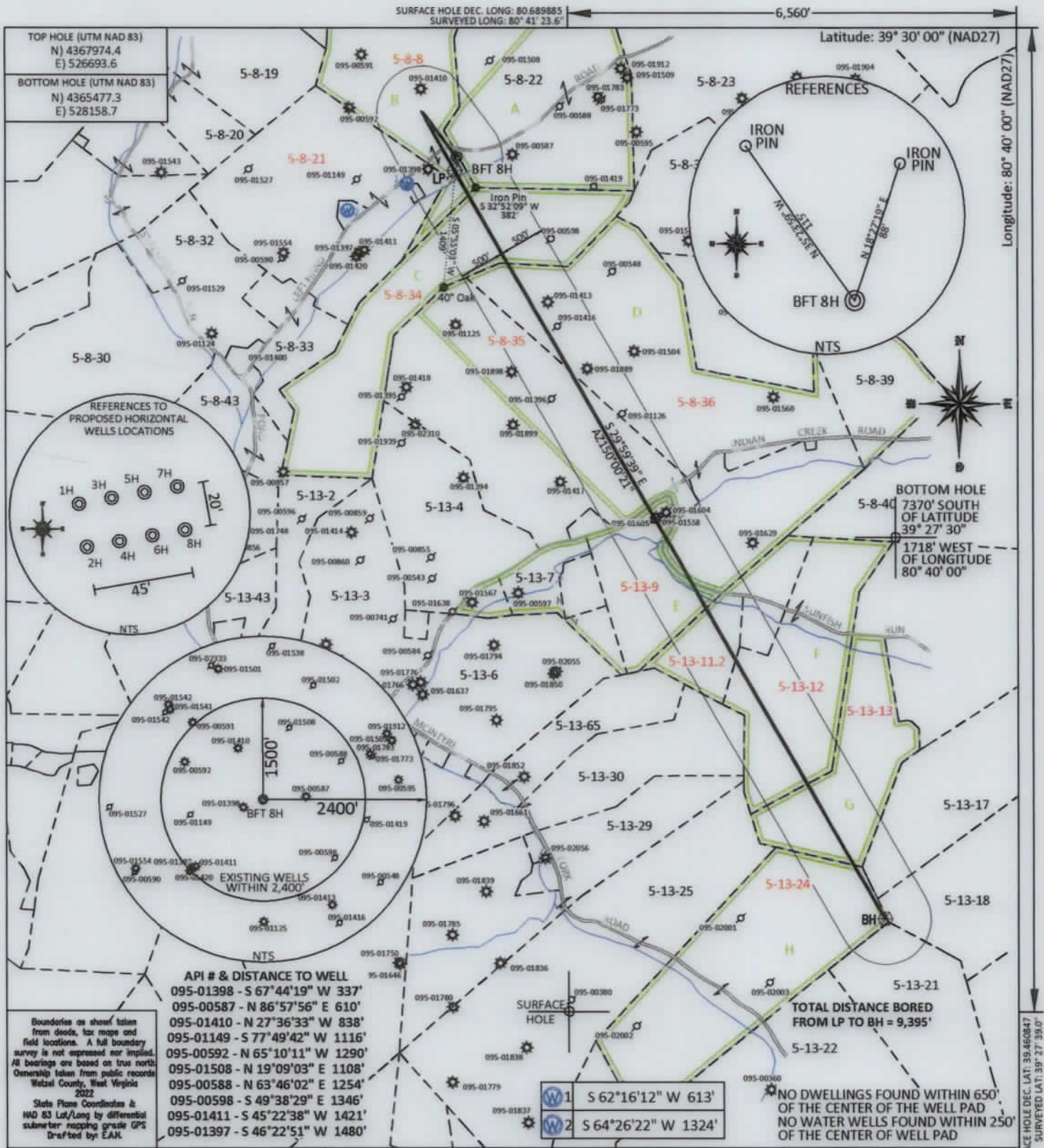
S 29° 59' 39" E
AZ 150° 00' 21"

TOTAL DISTANCE BORED
FROM LP TO BH = 9,395'

12/02/2022



GRAPHIC SCALE



API # & DISTANCE TO WELL

095-01398	- S 67°44'19" W 337'
095-00587	- N 86°57'56" E 610'
095-01410	- N 27°36'33" W 838'
095-01149	- S 77°49'42" W 1116'
095-00592	- N 65°10'11" W 1290'
095-01508	- N 19°09'03" E 1108'
095-00588	- N 63°46'02" E 1254'
095-00598	- S 49°38'29" E 1346'
095-01411	- S 45°22'38" W 1421'
095-01397	- S 46°22'51" W 1480'

Boundaries 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 EAK.

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: *[Signature]*

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



FILE #: TRB1
 DRAWING #: 3086
 SCALE: PLAT: 1" = 1500', TICK: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE: SUBMETER MAPPING OF ELEVATION: GRADE GPS

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

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: OCTOBER 26, 2022
 OPERATOR'S WELL #: BFT 8H
 API WELL #: 47 95 02838
 STATE COUNTY PERMIT
 AS-BUILT ELEVATION: 880'

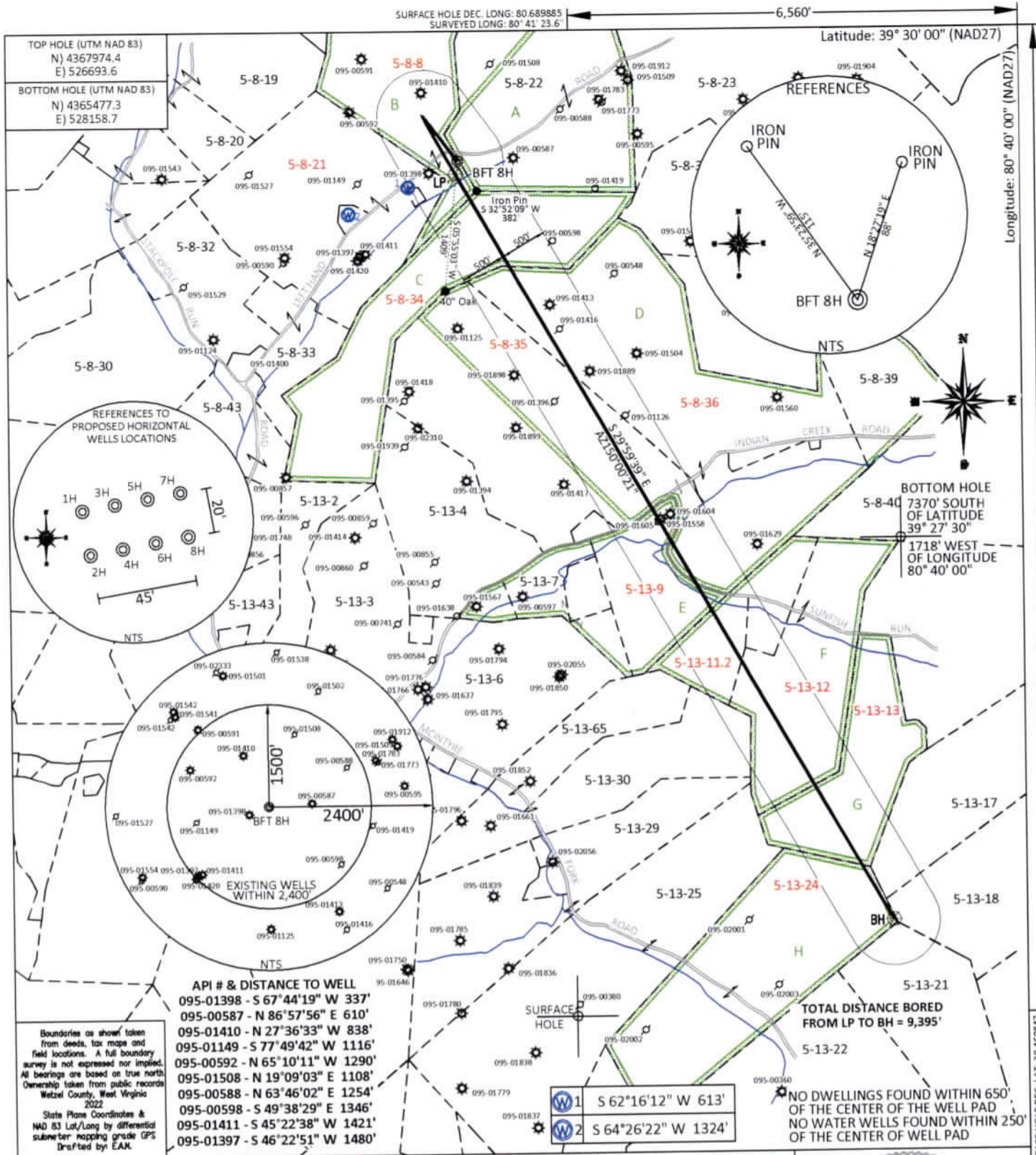
QUADRANGLE: CENTER POINT
 ACREAGE: 110.00 +/-
 ACREAGE: 774.3 +/- 12/02/2022

TARGET FORMATION: MARCELLUS
 WELL OPERATOR: TRIBUNE RESOURCES, LLC
 ADDRESS: 3861 AMBASSADOR CAFFERY PARKWAY SUITE 600
 CITY: LAFAYETTE STATE: LA ZIP CODE: 70503

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

ESTIMATED DEPTH: TVD: 6930' TMD: 16787.12'
 DESIGNATED AGENT: HARMAN BROWN
 ADDRESS: 18396 MOUNTAINEER HIGHWAY
 CITY: WILEYVILLE STATE: WV ZIP CODE: 26581

SURFACE HOLE DEC. LAT: 39.460847 SURVEYED LAT: 39° 27' 39.0"



FILE #: TRB1
DRAWING #: 3086
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 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 WVDEP

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

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

DATE: OCTOBER 26, 2022
OPERATOR'S WELL #: BFT 8H
API WELL #: 47 95 02838
STATE COUNTY PERMIT
AS-BUILT ELEVATION: 880'

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:

QUADRANGLE: CENTER POINT
ACREAGE: 110.00 +/-
ACREAGE: 774.3 +/- 12/02/2022

PROPERTY OWNER INDEX	
5-8-8	WV DEPT. OF NATURAL RESOURCES COMMERCE
5-8-34	ROBERT MARK HUFFMAN
5-8-35	GORDON L SWARTZ IV
5-8-36	CHARLES A. MUSTO & CHERRI L. HACK
5-13-9	KENNETH L. & GENIEVA GLOVER
5-13-11.2	LEONARD LEE & LINDA LOUGH
5-13-12	RALPH D. THACKER & MAURICE J. CARLISLE
5-13-13	RALPH D THACKER & CARLISLE J MAURICE JR
5-13-24	DONNA WOLF
5-8-22	WV DEPT. OF NATURAL RESOURCES COMMERCE

LEASE INDEX			
A	MARC00717-001	E	MARC00722-000
B	MARC00713-000	F	MARC03520-000
C	MARC00765-000	G	MARC05083-000
D	MARC00738-001	H	MARC01574-00

12/02/2022

FILE #: TRB2

DRAWING #: 3086

SCALE: N/A

DATE: SEPTEMBER 1, 2022

OPERATOR'S WELL #: BFT 8H

API WELL #: 47 095 02838
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)

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- (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:

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	05-08-23	MARC00717-001	A. D. Lemasters and Mary Lemasters, husband and wife	South Penn Oil Company	1B	23100
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16
			South Penn Oil Company	South Penn Oil Company	Assignment	151/516
			Pennzoil Company	Pennzoil United, Inc.	Cert. of Name Change	WV Sec. of State records
			Pennzoil United, Inc.	Pennzoil Company	Assignment	178/221
			Pennzoil Products Company	Pennzoil Products Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil Exploration and Production Company	Pennzoil Exploration and Production Company	Assn. & Supp. Assn.	265/258 & 269/417
			Pennzoil Exploration and Production Company	Pennzoil Exploration and Production, L.L.C.	Assignment	325/178
			Devon Energy Production Company, L.P.	Devon Energy Production Company, L.P.	Cert. of Merger	8/516
			East Resources, Inc.	East Resources, Inc.	Cert. of Merger	8/576
			East Resources, Inc. and HG Energy, LLC	HG Energy, LLC	Assignment	332/146
			American Energy - Marcellus, LLC	American Energy - Marcellus, LLC	Assignment	379/480
			Ascendant Resources - Marcellus, LLC	Ascendant Resources - Marcellus, LLC	Assignment	451/404
			Ascendant Resources - Marcellus, LLC	Ascendant Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
			DEED	Aner D. Lemasters and Mary Lemasters, his wife	Fee Interest	30/646
			South Penn Oil Company	South Penn Oil Company	Cert. of Amend to Cert. of Authority	9/471
			Pennzoil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil United, Inc.	Pennzoil United, Inc.	Assignment	178/221
Pennzoil Company	Pennzoil Products Company	Cert. of Name Change	WV Sec. of State records			
Pennzoil Products Company	Pennzoil Exploration and Production Company	Assn. & Supp. Assn.	265/258 & 269/417			
Pennzoil Exploration and Production Company	Pennzoil Exploration and Production, L.L.C.	Assignment	325/178			
Pennzoil Exploration and Production Company	Devon Energy Production Company, L.P.	Cert. of Merger	8/516			
Pennzoil Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576			
East Resources, Inc.	East Resources, Inc.	Assignment	332/146			
East Resources, Inc. and HG Energy, LLC	HG Energy, LLC	Deed	379/410			
American Energy - Marcellus, LLC	American Energy - Marcellus, LLC	Assignment	451/475			
Ascendant Resources - Marcellus, LLC	Ascendant Resources - Marcellus, LLC	Aff. Of Name Change	9/421			
Ascendant Resources Marcellus Minerals, LLC	Ascendant Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782			
Jasper Lemasters and Mary Lemasters, his wife	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	1B	2316
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16
			South Penn Oil Company	South Penn Oil Company	Assignment	151/516
			Pennzoil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil United, Inc.	Pennzoil United, Inc.	Assignment	178/221
			Pennzoil Products Company	Pennzoil Products Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil Exploration and Production Company	Pennzoil Exploration and Production Company	Assn. & Supp. Assn.	265/258 & 269/417
			Pennzoil Exploration and Production Company	Pennzoil Exploration and Production, L.L.C.	Assignment	325/178
			Devon Energy Production Company, L.P.	Devon Energy Production Company, L.P.	Cert. of Merger	8/516
			East Resources, Inc.	East Resources, Inc.	Cert. of Merger	8/576
			East Resources, Inc. and HG Energy, LLC	HG Energy, LLC	Assignment	332/146
			American Energy - Marcellus, LLC	American Energy - Marcellus, LLC	Assignment	379/380
			Ascendant Resources - Marcellus, LLC	Ascendant Resources - Marcellus, LLC	Assignment	451/404
			Ascendant Resources - Marcellus, LLC	Ascendant Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
			DEED	Jasper Lemasters and Mary Lemasters, his wife	Cert. of Amend to Cert. of Authority	9/471
			South Penn Oil Company	South Penn Oil Company	Fee Interest	33/73
			Pennzoil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil United, Inc.	Pennzoil United, Inc.	Assignment	178/221
Pennzoil Products Company	Pennzoil Products Company	Cert. of Name Change	WV Sec. of State records			
Pennzoil Exploration and Production Company	Pennzoil Exploration and Production Company	Assn. & Supp. Assn.	265/258 & 269/417			
Pennzoil Exploration and Production, L.L.C.	Pennzoil Exploration and Production, L.L.C.	Assignment	325/178			

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				East Resources, Inc.	HG Energy, LLC	Assignment	379/460
			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		F. R. Bail	South Penn Oil Company	Free Interest	33/21	
			South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil United, Inc.	Pennzoil United, Inc.	Assignment	178/221	
			Pennzoil Company	Pennzoil Products Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Exploration and Production Company	Pennzoil Exploration and Production Company	Asn. & Supp. Asn.	265/258 & 269/417	
			PennzEnergy Exploration and Production, L.L.C.	PennzEnergy Exploration and Production, L.L.C.	Assignment	325/178	
			PennzEnergy Production Company, L.P.	Devon Energy Production Company, L.P.	Cert. of Merger	8/516	
			East Resources, Inc.	East Resources, Inc.	Assignment	8/576	
			East Resources, Inc. and HG Energy, LLC	HG Energy, LLC	Assignment	332/146	
			American Energy - Marcellus, LLC	American Energy - Marcellus, LLC	Deed	379/410	
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Assignment	451/475	
			Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Aff. Of Name Change	9/421	
			S. B. McMillan and Samuel McMillan	Tribune Resources Minerals, LLC	Quitclaim Mineral Deed	520/782	
	05-13-09	MARC00772-000	South Penn Oil Company	South Penn Oil Company	1/8	9/464	
			South Penn Natural Gas Company	South Penn Natural Gas Company	Assignment	23/241	
			South Penn Oil Company	South Penn Oil Company	Assignment	114/16	
			Pennzoil Company	Pennzoil Company	Cert. of Name Change	151/516	
			Pennzoil United, Inc.	Pennzoil United, Inc.	Assignment	178/221	
			Pennzoil Company	Pennzoil Products Company	Cert. of Name Change	WV Sec. of State records	
			Pennzoil Exploration and Production Company	Pennzoil Exploration and Production Company	Asn. & Supp. Asn.	265/258 & 269/417	
			PennzEnergy Exploration and Production, L.L.C.	PennzEnergy Exploration and Production, L.L.C.	Assignment	325/178	
			Devon Energy Production Company, L.P.	Devon Energy Production Company, L.P.	Cert. of Merger	8/516	
			East Resources, Inc.	East Resources, Inc.	Assignment	8/576	
			East Resources, Inc. and HG Energy, LLC	HG Energy, LLC	Assignment	332/146	
			American Energy - Marcellus, LLC	American Energy - Marcellus, LLC	Assignment	379/380	
			Ascent Resources - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Assignment	451/404	
			Melissa L. Danko aka Melissa L. Lamb	Tribune Resources, LLC	Affidavit of Business Name Change	499/138	
7	05-13-11.2	MARC03520-000	Melissa L. Danko aka Melissa L. Lamb	Ascent Resources Marcellus, LLC	Cert. of Amend to Cert. of Authority	9/471	
8	05-13-12	MARC03520-000	Melissa L. Danko aka Melissa L. Lamb	Ascent Resources Marcellus, LLC	1/8	540/53	
9	05-13-13	MARC05083-000	Fred Glover, widower	Ascent Resources Marcellus, LLC	1/8	540/53	
10	05-13-24	MARC01574-000	W. R. McIntyre and Rebecca S. McIntyre, his wife	Tribune Resources, LLC	17.5%	9/471	
			A. J. Simmons and W.M. Miller	Tribune Resources, LLC	17.5%	196/592	
			Aly Oil and Gas Company	Aly Oil and Gas Company	1/8	90/476	
			Pennzoil Products Company	Pennzoil Products Company	Assignment	93/296	
			Pennzoil Exploration and Production Company	Pennzoil Exploration and Production Company	Assignment	309/397	
			PennzEnergy Exploration and Production, L.L.C.	PennzEnergy Exploration and Production, L.L.C.	Assignment	325/178	
			Devon Energy Production Company, L.P.	Devon Energy Production Company, L.P.	Cert. of Merger	8/516	
			East Resources, Inc.	East Resources, Inc.	Cert. of Merger	8/576	
			East Resources, Inc. and HG Energy, LLC	HG Energy, LLC	Assignment	332/146	
			American Energy - Marcellus, LLC	American Energy - Marcellus, LLC	Assignment	379/380	
			Ascent Resources - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Assignment	451/404	
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Affidavit of Business Name Change	499/138	
					Cert. of Amend to Cert. of Authority	9/471	

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OCT 17 2022
WV Department of
Environmental Protection

12/02/2022



September 22, 2022

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

Re: Application for a Permit to Drill
BFT 8H

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 8H 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', with a horizontal line extending to the right.

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

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WV Department of
Environmental Protection

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

Date of Notice Certification: 9/22/2022

API No. 47- 95 -
Operator's Well No. BFT 8H
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>526693.6</u>
County: <u>Tyler</u>		Northing: <u>4367974.4</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 <input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED <input type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input checked="" type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED <input checked="" type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or <input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH) <input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION <input checked="" type="checkbox"/> 5. PUBLIC NOTICE <input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION		OOG OFFICE USE ONLY <input type="checkbox"/> RECEIVED/ NOT REQUIRED <input type="checkbox"/> RECEIVED <input type="checkbox"/> RECEIVED/ NOT REQUIRED <input type="checkbox"/> RECEIVED <input type="checkbox"/> RECEIVED <input type="checkbox"/> RECEIVED
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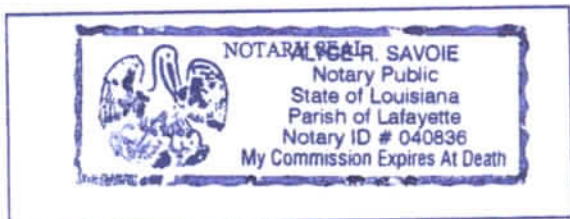
Required Attachments:

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.

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 17th day of Sept, 2022
Alice 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 depprivacyofficer@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

4709502838

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: 10/17/2022

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. RECEIVED Office of Oil and Gas

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Notice is hereby given:

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

This Notice Shall Include:

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

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

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

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

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

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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 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 57th 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)

4709502838
API NO. 47-95 -
OPERATOR WELL NO. BFT 6H
Well Pad Name: BFT

Notice is hereby given by:

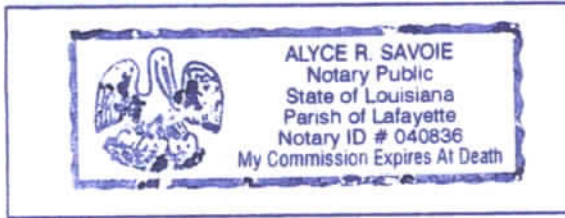
Well Operator: Tribune Resources, LLC
Telephone: (337) 789-4084
Email: lee.lawson@tribuneresources.com



Address: 3861 Ambassador Caffery Parkway
Lafayette, LA 70503
Facsimile: (337) 789-4340

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.



Subscribed and sworn before me this 26th day of Sept, 2022.
Alyce R Savoie Notary Public
My Commission Expires with life

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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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WW-6A4
(1/12)Operator Well No. BFT 8H

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

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Name: _____
Address: _____

Notice is hereby given:

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

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>526693.61</u>
County:	<u>Tyler</u>		Northing:	<u>4367974.356</u>
District:	<u>McElroy</u>	Public Road Access:	<u>CR 13. CR 13/3 and CR 13/8</u>	
Quadrangle:	<u>Center Point</u>	Generally used farm name:	_____	
Watershed:	<u>Outlet Middle Island Creek</u>			

This Notice Shall Include:

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

Notice is hereby given by:

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

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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 **HAND**
RETURN RECEIPT REQUESTED **DELIVERY**

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

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: State of WV Public Land Corp. Dept. Of Comm. LBR. & Envir. DNR

Name: _____

Address: 324 Fourth Avenue
South Charleston WV, 25303

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:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>526693.61</u>
County:	<u>Tyler</u>		Northing:	<u>4367974.356</u>
District:	<u>McElroy</u>	Public Road Access:	<u>CR 13. CR 13/3 and CR 13/8</u>	
Quadrangle:	<u>Center Point</u>	Generally used farm name:	_____	
Watershed:	<u>Outlet Middle Island Creek</u>			

This Notice Shall Include:

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

Well Operator:	<u>Tribune Resources, LLC</u>		Address:	<u>3851 Ambassador Caffery Parkway Ste. 600</u>
Telephone:	<u>337-769-0032</u>			<u>Lafayette, LA 70503</u>
Email:	<u>lee.lawson@tribunerresources.com</u>		Facsimile:	<u>337-769-4340</u>

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.

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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 57th Street, SE
 Charleston, WV 25304

Subject: DOH Permit for the Tribune BFT Pad, Tyler County
 BFT 8H 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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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
Excelerate 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

RECEIVED
Office of Oil and Gas

OCT 17 2022

WV Department of
Environmental Protection

12/02/2022

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



ANDREW BENCHEK
P.E.

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.



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

TITLE SHEET
BFT WELL PAD

MCELROY DISTRICT, TYLER COUNTY, WV



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)

OWNER



TRIBUNE
RESOURCES

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



APPROVED
WVDEP OOG
11/30/2022

NO.	DATE	REVISIONS DESCRIPTION

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.

12/02/2022

