



---

west virginia department of environmental protection

---

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

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

Monday, November 25, 2024  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

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

Re: Permit Modification Approval for BFT 5H  
47-095-02835-00-00

**Changed bottom hole location**

TRIBUNE RESOURCES, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: BFT 5H  
Farm Name: WEST VIRGINIA DEPT OF NATURAL RESOURCES  
U.S. WELL NUMBER: 47-095-02835-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 11/25/2024

Promoting a healthy environment.

11/29/2024

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 5H Well Pad Name: BFT

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

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

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

Other \_\_\_\_\_

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

Horizontal

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Associated Pressure(s):  
Target formation: Marcellus, Up-Dip well, Target top TVD 6900', Target base 6950', Anticipated thickness: 50', Anticipated Pressure: 4600 psi

8) Proposed Total Vertical Depth: 6,930'

9) Formation at Total Vertical Depth: Marcellus

RECEIVED  
Office of Oil and Gas

10) Proposed Total Measured Depth: 19,250'

NOV 08 2024

11) Proposed Horizontal Leg Length: 11,761'

12) Approximate Fresh Water Strata Depths: 504'

WV Department  
Environmental Protection

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

14) Approximate Saltwater Depths: 975'

15) Approximate Coal Seam Depths: 1270'

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

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

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

18)

**CASING AND TUBING PROGRAM**

<b>TYPE</b>	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
Conductor	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#	19,250'	19,250'	4150, SX/CTS
Tubing							
Liners							

<b>TYPE</b>	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Max. Associated Surface Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
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:				
Sizes:				
Depths Set:				

RECEIVED  
 Office  
 NOV 13 2024  
 W  
 Environ

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

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

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

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

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

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

23) Describe centralizer placement for each casing string:

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

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

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

25) Proposed borehole conditioning procedures:

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

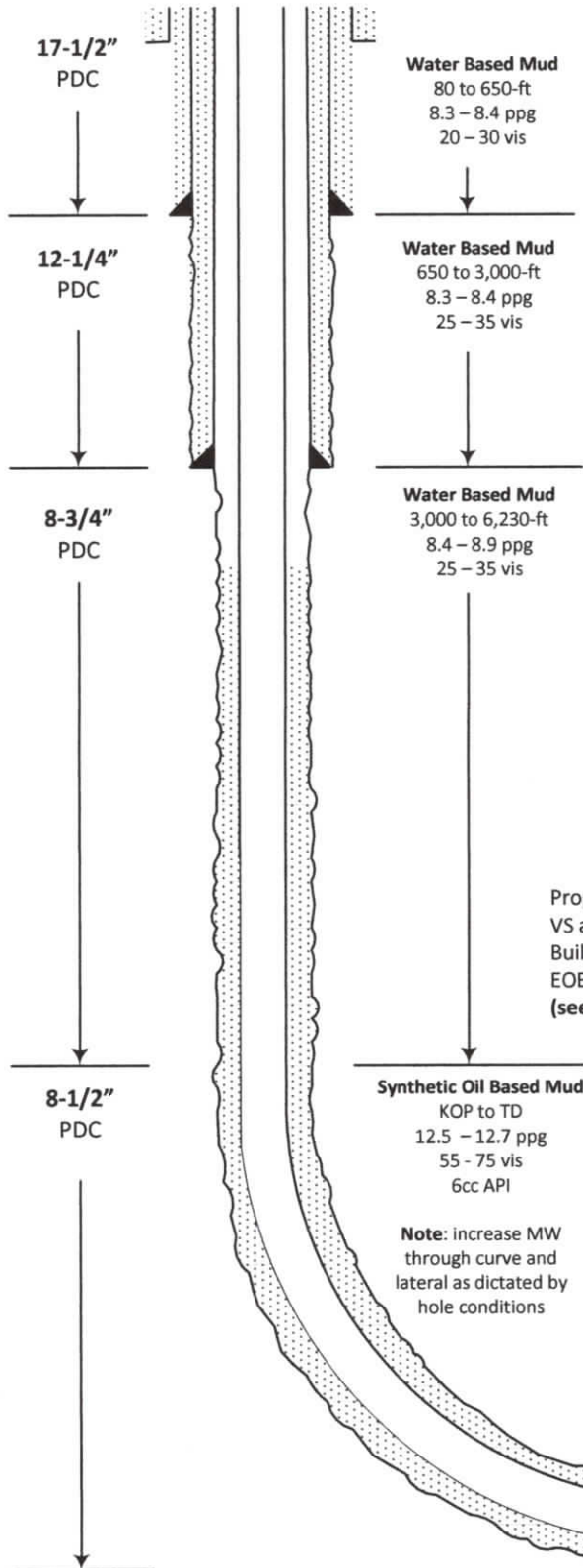
\*Note: Attach additional sheets as needed.



**TRIBUNE**  
RESOURCES

# BFT 5H

County, State: <b>Tyler, West Virginia</b>		Township:	Location:	Formation: <b>Marcellus</b>	
Coordinates: NAD 83	SHL Lat/Long:	<b>N 4367967.5 E 526690.3</b>		RKB / Elevation:	AFE DC/CWC:
	BHL Lat/Long:	<b>N 4370979.7 E 524701.9</b>		<b>905'/880'</b>	USDW: <b>504'</b>
Rig:	<b>TBD</b>		Target Line:	API	<b>47-095-02835</b>
				AFE #:	



Interval	Hole size (in)	Size (in)	Weight #/ft	Grade	Conn.	Collapse (PSI)	Burst (PSI)	Depth (ft)	Cost \$/ft
Conductor	26"	20"	-	-	-	-	-	120	
Surface	17-1/2"	13-3/8"	54.5	J-55	BTC	1,130	2,730	650	
Intermediate	12-1/4"	9-5/8"	40	J-55	LTC	2,570	3,950	3,000	
Production	8-3/4"	5-1/2"	20	P-110	TBD	11,080	12,640	19,250	

Interval	Slurry	Weight	Ft <sup>3</sup>	Yield	Excess	Cement Top
Conductor	Tail	15.6 ppg	225	1.20 cuft/sk	50%	Surface
	Lead					
Surface	Tail	15.6 ppg	633	1.20 cuft/sk	30%	Surface
	Lead					
Intermediate	Tail	15 ppg	1,405	1.29 cuft/sk	30%	Surface
	Lead					
Production	Tail	15.2 ppg	4,150	1.12 cuft/sk	10%	3,730'
	Lead					

Proposed KOP at 6,230-ft MD  
 VS at KOP is -604-ft (nudge)  
 Build 8°/100-ft to 90.5° inc., 330° azi.  
 EOB at 7,486-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 7,486-ft MD / 6,930-ft TVD  
 90.5° inc., 330° azi., 107-ft VS  
 (see directional plan for specific details)

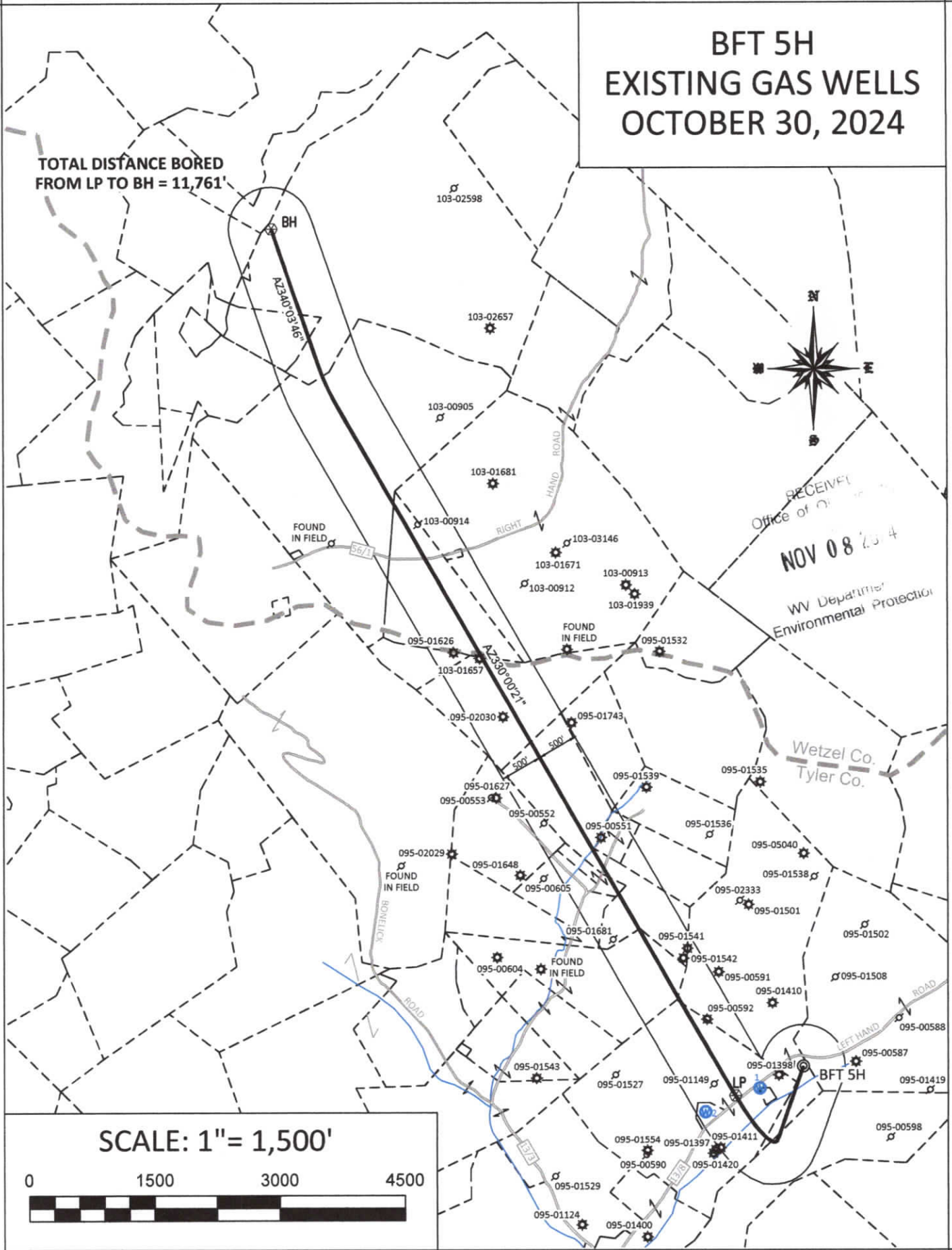
TD at 19,250-ft MD / 6,930-ft TVD  
 90.5° inc., 330° azi., 11,761-ft VS

RECEIVED  
 Office of Oil and Gas  
**NOV 08 2024**  
 WV Department of Environmental Protection

11/29/2024

# BFT 5H EXISTING GAS WELLS OCTOBER 30, 2024

TOTAL DISTANCE BORED  
FROM LP TO BH = 11,761'



RECEIVED  
Office of  
NOV 08 2024  
WV Department  
Environmental Protection

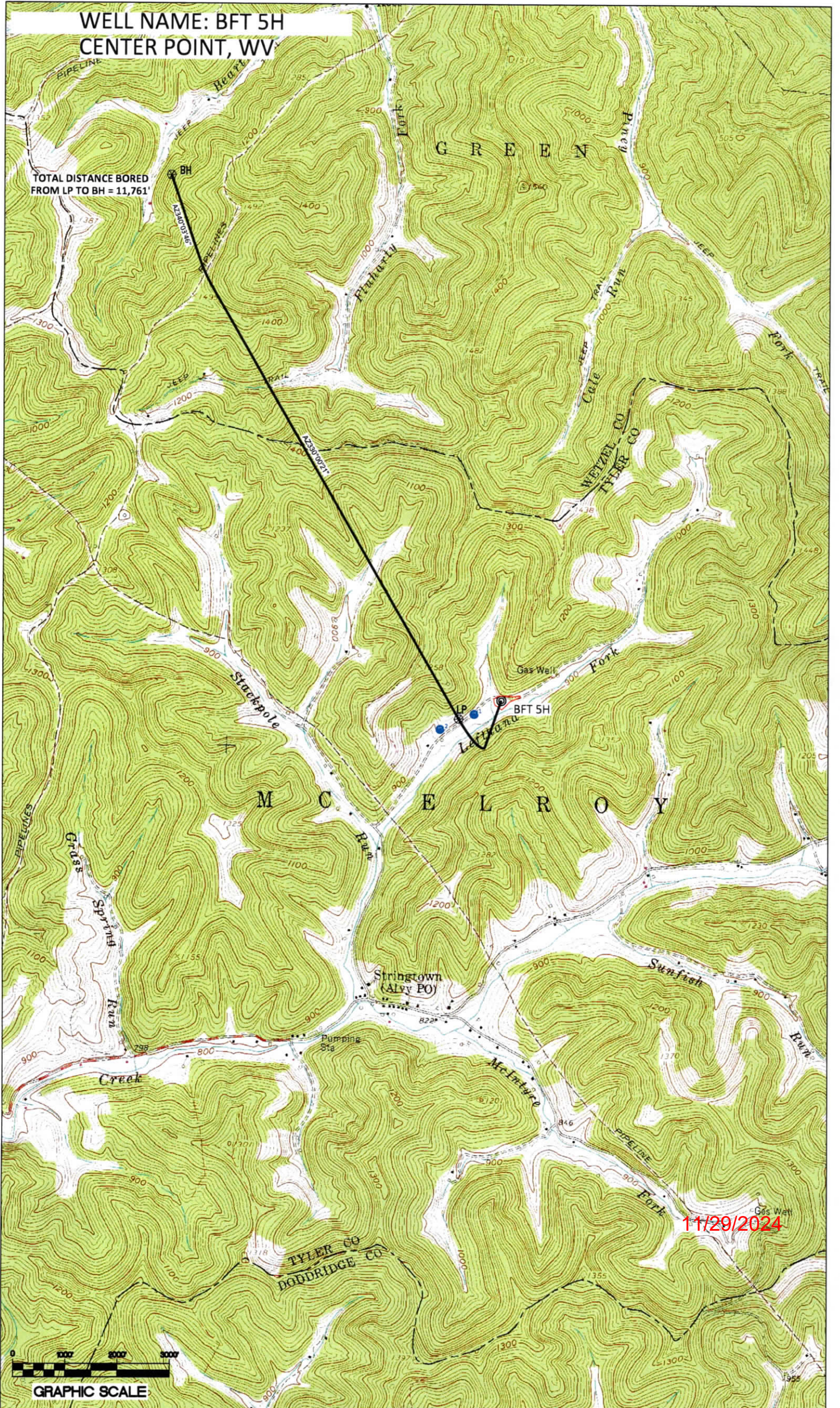
Wetzel Co.  
Tyler Co.

SCALE: 1" = 1,500'

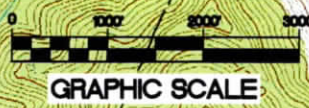


WELL NAME: BFT 5H  
CENTER POINT, WV

TOTAL DISTANCE BORED  
FROM LP TO BH = 11,761'



11/29/2024

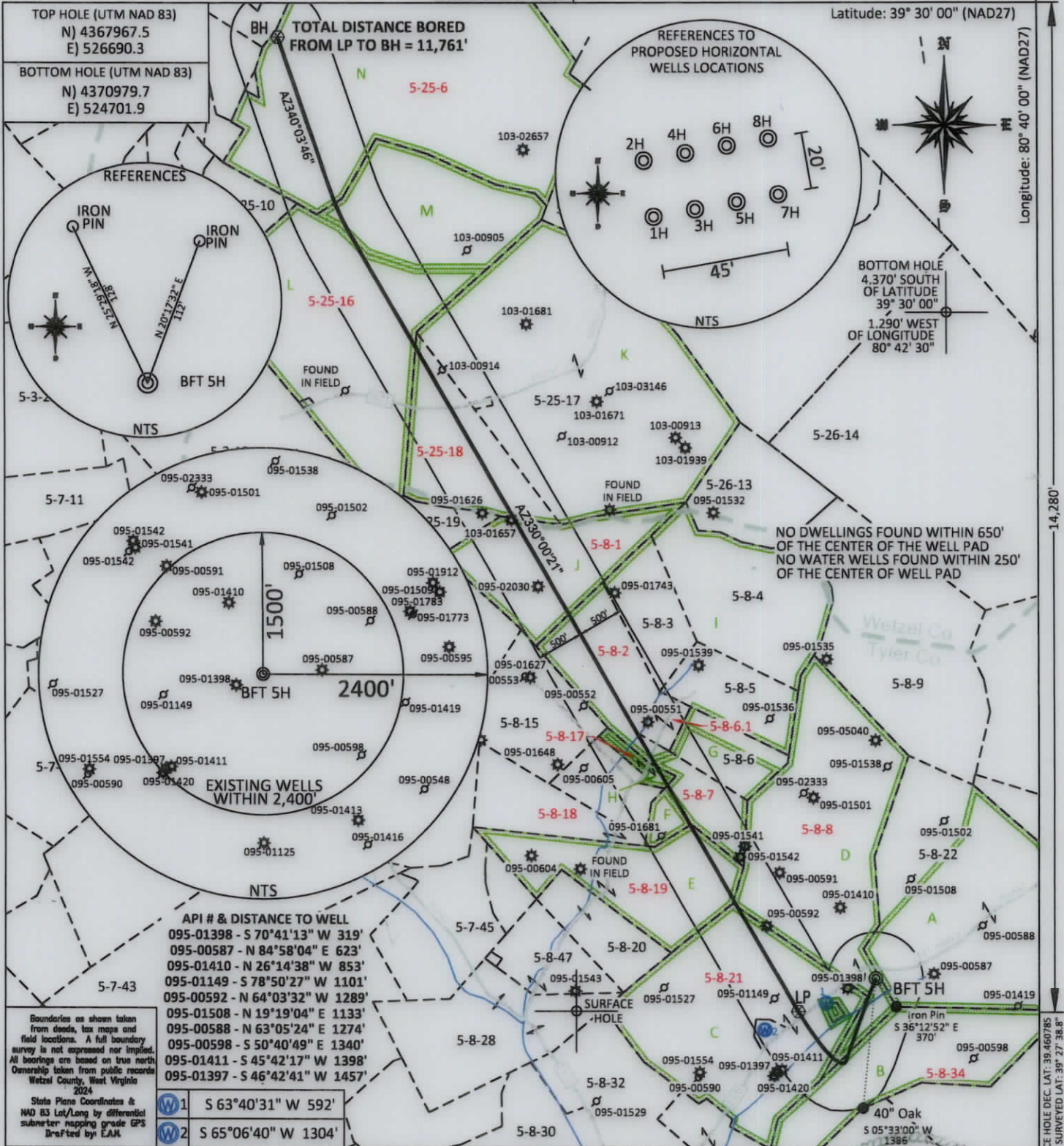


SURFACE HOLE DEC. LONG: 80.689923  
SURVEYED LONG: 80° 41' 23.7"

6,570'

Latitude: 39° 30' 00" (NAD27)

Longitude: 80° 40' 00" (NAD27)



FILE #: TRB2

DRAWING #: 3079

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

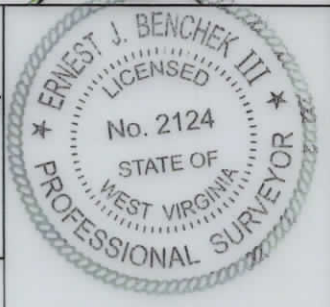
MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: [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 Dposal  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 30, 2024

OPERATOR'S WELL #: BFT 5H

API WELL #: 47 95

STATE COUNTY PERMIT  
AS-BUILT ELEVATION: 880'

QUADRANGLE: CENTER POINT

ACREAGE: 110.00 +11/29/2024

ACREAGE: 849.1 +/-

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

TARGET FORMATION: MARCELLUS

ESTIMATED DEPTH: TVD: 6,930' TMD: 19,250'

WELL OPERATOR: TRIBUNE RESOURCES, LLC

DESIGNATED AGENT: HARMAN BROWN

ADDRESS: 386 AMBASSADOR CAFFERY PARKWAY SUITE 600

ADDRESS: 18396 MOUNTAINEER HIGHWAY

CITY: LAFAYETTE STATE: LA ZIP CODE: 70503

CITY: WILEYVILLE STATE: WV ZIP CODE: 26581

SURFACE HOLE DEC. LAT: 39.460785 SURVEYED LAT: 39° 27' 38.8"



PROPERTY OWNER INDEX	
5-8-8	WV DEPT. OF NATURAL RESOURCES COMMERCE
5-8-21	JERRY L. WALTERS
5-8-19	FRANK A. & MARTHA J. PERRY
5-8-18	FRANK A. & MARTHA J. PERRY
5-8-7	RUSSELL PAUL & CAROL STACKPOLE
5-8-17	RUSSELL PAUL STACKPOLE
5-8-2	ALLEN STACKPOLE ET AL
5-8-6.1	ALLEN D. STACKPOLE
5-8-1	EDWARD G. THOMPSON
5-25-18	WV DIVISION OF NATURAL RESOURCES
5-25-16	COASTAL FOREST RESOURCES CO.
5-25-6	STATE OF WV PUBLIC LAND CORP.
5-8-34	ASCENT RESOURCES MARCELLUS MINERALS LLC

LEASE INDEX			
A	MARC00717-001	H	MARC00726-000
B	MARC00765-000	I	MARC00727-001
C	MARC00713-000	J	MARC02996-000
D	MARC00713-000	K	MARC00744-000
E	MARC00718-001	L	MARC03689-001
F	MARC03491-000	M	MARC03689-001
G	MARC03487-000	N	MARC01099-001

11/29/2024

FILE #: TRB2

DRAWING #: 3079

SCALE: N/A

DATE: OCTOBER, 2024

OPERATOR'S WELL #: BFT 5H

API WELL #: 47 095  
STATE COUNTY PERMIT

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6A, Section 5(a)(5)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

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

RECEIVED  
Office of Oil and Gas

NOV 25 2024

WV Department of  
Environmental Protection

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

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

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

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

Well Operator: Tribune Resources, LLC  
 By: Lee Lawson  
 Its: Regulatory/ HSE Director

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan; (2) the parties and 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:

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

Table with columns: Tract, Parcel No., Fee/Lease No., Lessor/Assignor, Lessee/Assignee, Royalty/Instrument, Book/Page. Contains multiple rows for different tracts (A, D, C, B, E) and lease details.

11/29/2024







TRIBUNE  
RESOURCES

CHK# 2467  
2500.00

November 1st, 2024

Mr. Cragin Blevins  
West Virginia Department of Environmental Quality  
Office of Oil & Gas  
601 57th Street  
Charleston, WV 25304

RE: Proposed Modification to Well Work Permits for Well(s):  
BFT Pad  
Wells: BFT 5H – 47-095-02835

Mr. Blevins,

Tribune Resources, LLC (Tribune) is requesting to modify the previously approved well work permit for our BFT 5H well by moving the bottom hole location of the wellbore away from an existing nearby offset well for spacing purposes. There is no change to the surface hole location. We will be modifying the lateral length of the well by adding a ten-degree angle to the end of the well, extending the length from 11,429' to 11,761'.

Please contact me at the numbers listed below or Dee Southall with any questions. Dee can be reached at (304-997-5233), [dsouthall1988@gmail.com](mailto:dsouthall1988@gmail.com).

Sincerely,

Lee L. Lawson  
Regulatory/HSE Director  
Tribune Resources, LLC  
337-769-4064

RECEIVED  
Office of Oil and Gas

NOV 08 2024

WV Department of  
Environmental Protection

Attachments: Plats, Fee Payment Check, Forms, & Documents