

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

Monday, August 8, 2022 WELL WORK PERMIT Horizontal 6A / Drilling Deeper

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

Re: Permit approval for REILLY S GRN WZ 4H 47-103-03091-00-00

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.

Operator's Well Number: REILLY S GRN WZ 4H Farm Name: J.S. BOOTH ESTATE & DALL U.S. WELL NUMBER: 47-103-03091-00-00 Horizontal 6A Drilling Deeper Date Issued: 8/8/2022

Promoting a healthy environment.

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. <u>Failure to adhere to the specified permit</u> conditions may result in enforcement action.

CONDITIONS

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

API Number: 47 10 30 30 9 1

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PERMIT CONDITIONS

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

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API NO. 47 1 0 3 0 3 0 9 1 OPERATOR WELL NO. Reilly S GRN WZ 4H Well Pad Name: Reilly S GRN WZ

WW-6B	
(04/15)	

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DEPAI	<u>RTMENT O</u>	F ENVIRON	IMENT	WEST VIRGINIA	OFFICE OF	<u>OIL AND G</u>	AS
1) Well Operat	or: Tribun	e Resource	s, LLC	494522341	Wetzel	Green	Center Point
i) wen Operat				Operator ID	County	District	Quadrangle
2) Operator's V	Well Numbe	r: Reilly S	GRN \	NZ 4H Well Pa	nd Name: Rei	IIY S GRN	I WZ
3) Farm Name			& Dallisom Lu		ad Access: Le		
4) Elevation, c	urrent groun	d: 1474'		Elevation, proposed	l post-construc	ction: <u>1474</u>	
5) Well Type	(a) Gas	X	Oil		derground Stor		
, •••	Other						
	(b)If Gas	Shallow	X	Deep			-
		Horizontal	<u>X</u>				
6) Existing Pa							
7) Proposed Ta Target formation	arget Forma n: Marcellus Dow	tion(s), Dept m-Dip well,Target	h(s), An top TVD: 7:	ticipated Thickness 376', Target base TVD: 738	38', Anticipated Thic		
8) Proposed To	otal Vertical	Depth: 74	76'		Offic	RECEIVED	
9) Formation a			Marcel	lus		JL 05 2022	
10) Proposed '	Total Measu	red Depth:	18,24	5'			hion
11) Proposed			10,16	9'	W Envi	N Department C ronmental Prote	Clion
12) Approxim			enths:	504'			
,				Based on drilling	history of ne	earby weeks	1030310
13) Method to14) Approxim							
15) Approxim	late Coal Sea	am Depuis:	110-		Not that we	are aware	of
16) Approxim	ate Depth to	Possible Vo	oid (coal	mine, karst, other):			
17) Does Prop directly overly	posed well lo ying or adjao	ocation conta cent to an act	in coal s tive mine	eams e? Yes		No X	
(a) If Yes, p	rovide Mine	Info: Nam	ne:				
		Dep	th:				
		Sear	n:				
		Owr	ner:				

API NO. 47-407 1-0 3 0 3 0 9 1 OPERATOR WELL NO. Reilly S GRN WZ 4H

Well Pad Name: Reilly S GRN WZ

WW-6B (04/15)

18)

CASING AND TUBING PROGRAM

ТҮРЕ	Size (in)	<u>New</u> or Used	Grade	<u>Weight per ft.</u> (lb/ft)	<u>FOOTAGE: For</u> <u>Drilling (ft)</u>	INTERVALS: Left in Well (ft)	<u>CEMENT:</u> <u>Fill-up</u> (Cu. Ft.)/CTS
Conductor	20"	New	J-55	98#	120'	120'	SX/CTS
Fresh Water	13 3/8"	New	J-55	54.5#	650'	650'	SX/CTS
Coal							DV/OTO
Intermediate	9 5/8"	New	J-55	40#	3000'	3000'	SX/CTS
Production	5 1/2"	New	P-110	20#	18,245'	18,245'	
Tubing					1		
Liners				RECE Office of		Imel L.	

Office of Oil & Gas

JUL 05 2022

			TANUDepart	Protection	Anticipated		Cement
TYPE	Size (in)	<u>Wellbore</u> Diameter (in)	Wy Departs Environmental Thickness (in)	Burst Pressure (psi)	Max. Internal Pressure (psi)	<u>Cement</u> <u>Type</u>	<u>Yield</u> (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	Class A	1.2/30% Excess
Coal							
Intermediate	9 5/8"	12 1/4"	0.395"	3950	1500	Class A	The second se
Production	5 1/2"	8 3/4"	0.361"	12,640	5000	Class A	1.04/10% Excess
Tubing							
Liners						RECEIVED	as

Office of Oil

'JUL 05 2022

WV Department of Environmental Protection

PACKERS

Kind:		
Sizes:		
Depths Set:		

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 1,105' 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 perforating to isolate frac stages. Maximum pressure will be 10,00	d pump down frac plug and 00 psig. and maximum rate will be 95
bpm.	RECEIVED Office of Oil & Gas
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	WV Department of Environmental Protection
21) Total Area to be disturbed, including roads, stockpile area, pits, etc.	
22) Area to be disturbed for well pad only, less access road (acres): $\frac{1}{2}$	
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 surfa	асе

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.

Cement Additives for WW-6B

Conductor:

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

Surface (Tail):

• HALCEM (TM) System

Intermediate (Tail):

• HALCEM (TM) System

Production (Tail):

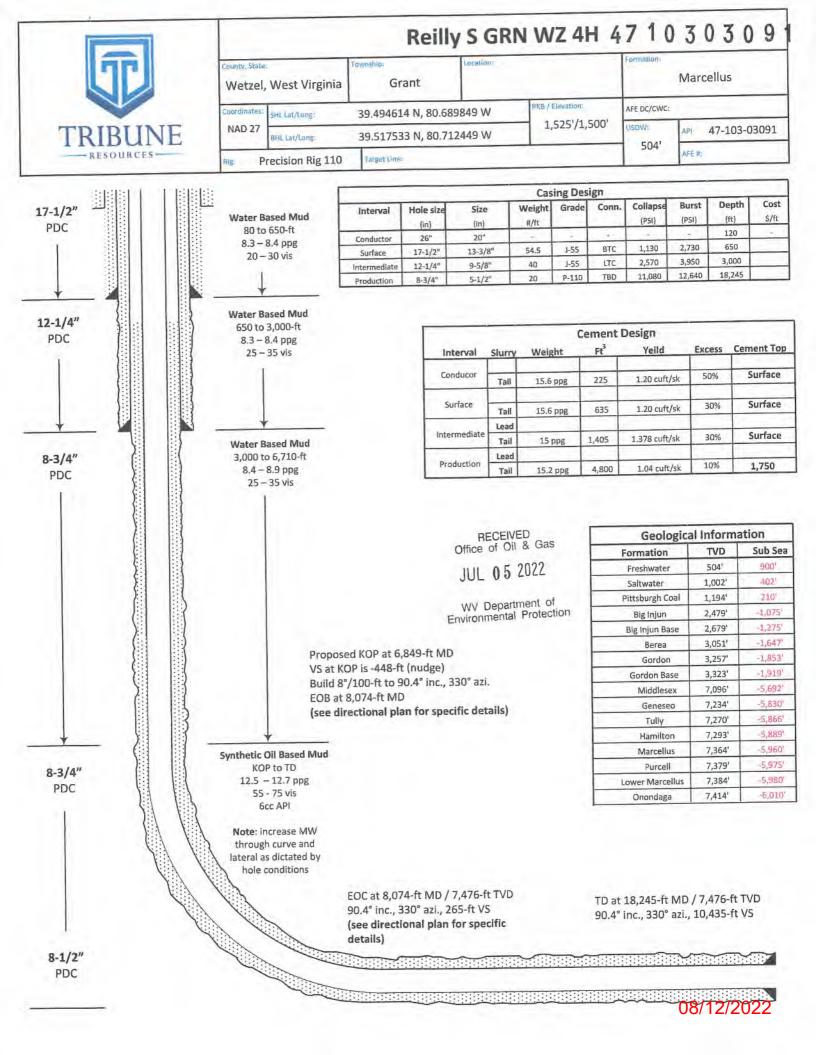
• NeoCem (TM) System

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08/12/2022



WW-9 (4/16)	API Number 47 - 103 - 03091
(4/10)	Operator's Well No. Relly S GRN WZ 4H
	F WEST VIRGINIA
	VIRONMENTAL PROTECTION OF OIL AND GAS
FLUIDS/ CUTTINGS DE	SPOSAL & RECLAMATION PLAN
Operator Name_Tribune Resources, LLC	OP Code494522341
Watershed (HUC 10) Fishing Creek	Quadrangle Center Point
Do you anticipate using more than 5,000 bbls of water to com Will a pit be used? Yes No	
If so, please describe anticipated pit waste:Closed	d 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	
	mit Number_see attached sheet titled UIC wells and landfills
Reuse (at API Number next anticipa	
Off Site Disposal (Supply form W Other (Explain	W-9 for disposal location) Office of Oil & Gas
Otter (Explain	JUL 05 2022
Will closed loop system be used? If so describe: Yes. See	attached sheet titled Closed Loop Typical Description
	Environmental Protection
Drilling medium anticipated for this well (vertical and horizo	nital): hill, iteanwater, on based, etc.
-If oil based, what type? Synthetic, petroleum, etc	Synthetic based drilling mud
Additives to be used in drilling medium? See attached sheet to	itled Drilling Additives
Drill cuttings disposal method? Leave in pit, landfill, remove	ed 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 attach	led 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

Company Official (Typed Name) Lee Lawson

Company Official Title_ Regulatory/ HSE Director

Subscribed and sworn before me this 17th day of Aute	, 2022	
Alle R. Advai My commission expires Will lofe	Nota y	ALYCE R. SAVOIE Notary Public State of Louisiana Parish of Lafayette Notary 10/04935 My Commis 0/12/2022

Landfills and UIC Wells

Landfills

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

<u>UIC</u>

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 RECEIVED Office of Oil & Gas

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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 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

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

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08/12/2022

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:

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

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

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Temporary and Permanent Seed Mix

250 bs. /ecre

Mix Details

Medium red clover	A Marine Constantion of the
Alsike clover	No Roman
Construction of the second	4%
Birds foot trefoil	5%
Forage tall feacue	45%
Forage perineal rye	20%
Amual ne	11%
Winter wheat	10%

Strew

Winter - 3 ton per acre

Summer - 2 ton per acre

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Form WW-9

Operator's Well No. Reilly S GRN WZ 4H

Tribune R	esources,	LLC
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Lime 3	Tons/acre or to corre	ct to pH 5.7	
Fertilizer type 10	-20-20		
Fertilizer amount	500	lbs/acre	
Mulch minimun	n of 2-3	_Tons/acre	
		Seed Mixtures	
Т	emporary		Permanent
Seed Type	lbs/acre	Seed	l Type lbs/a
see Attached		See Attach	led

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 ($L \times W \times D$) of the pit, and dimensions ($L \times W$), and area in acreage, of the land application area

Photocopied section of involved 7.5' topographic sheet.

Comments:	
	RECEIVED Office of Oil & Gas
	JUL 05 2022
	WV Department of Environmental Protection
Title: Oil & Gas Inspector	6-23-22

08/12/2022

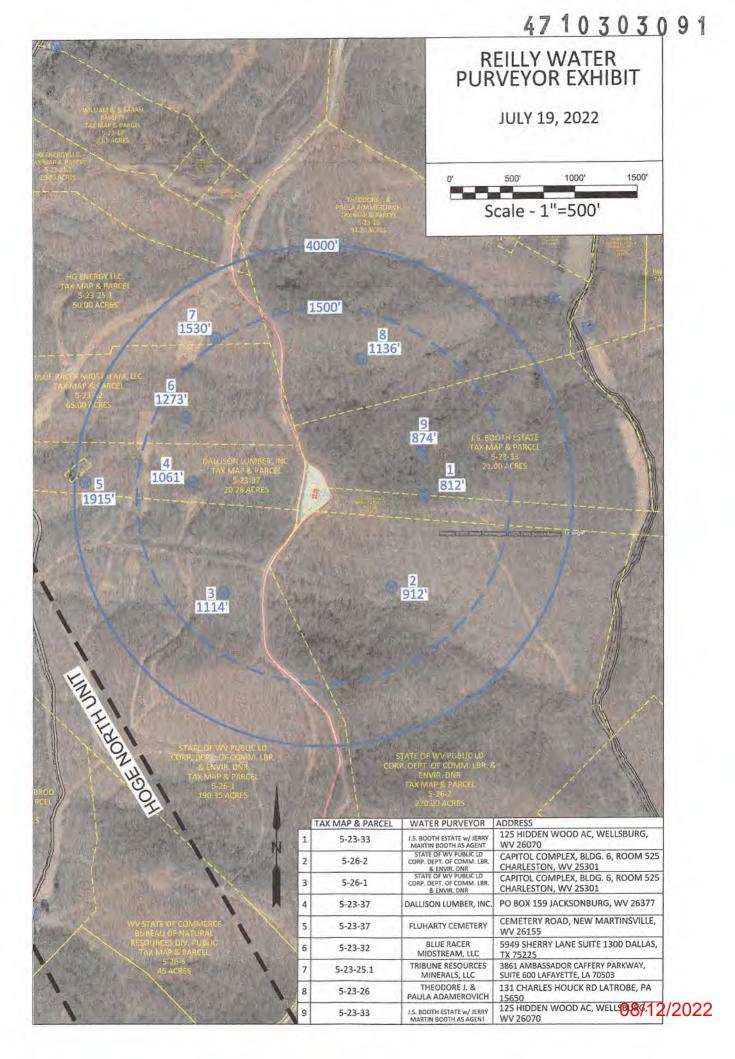
Reilly S GRN WZ 2H, 4H, 6H, & 8H Site Safety Plan

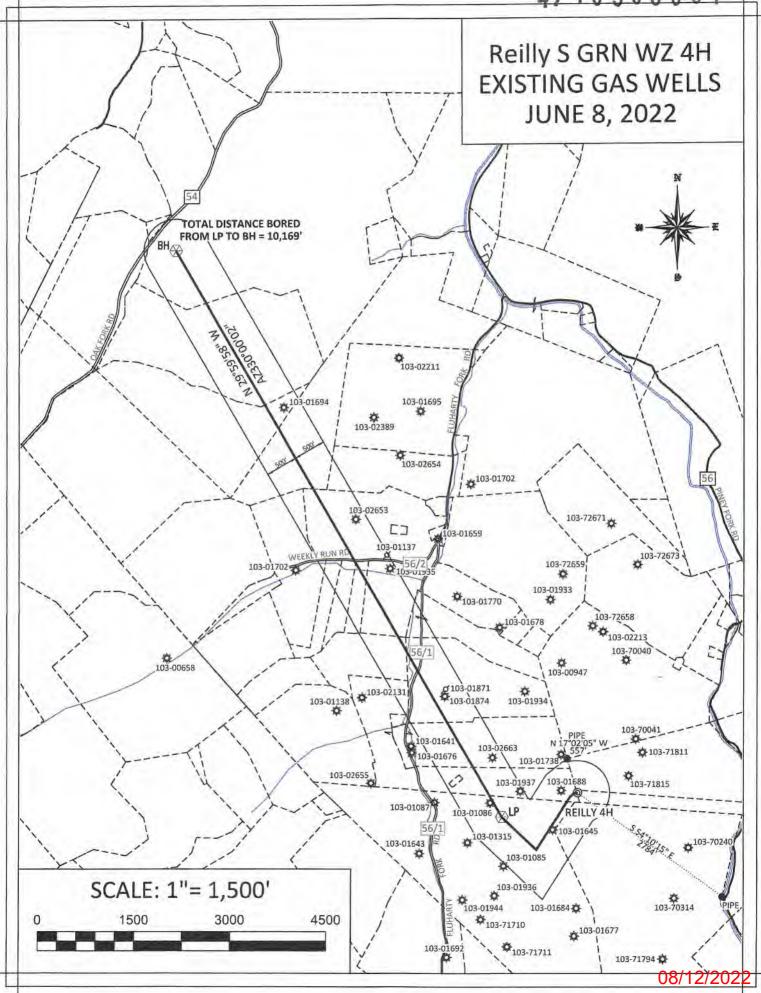


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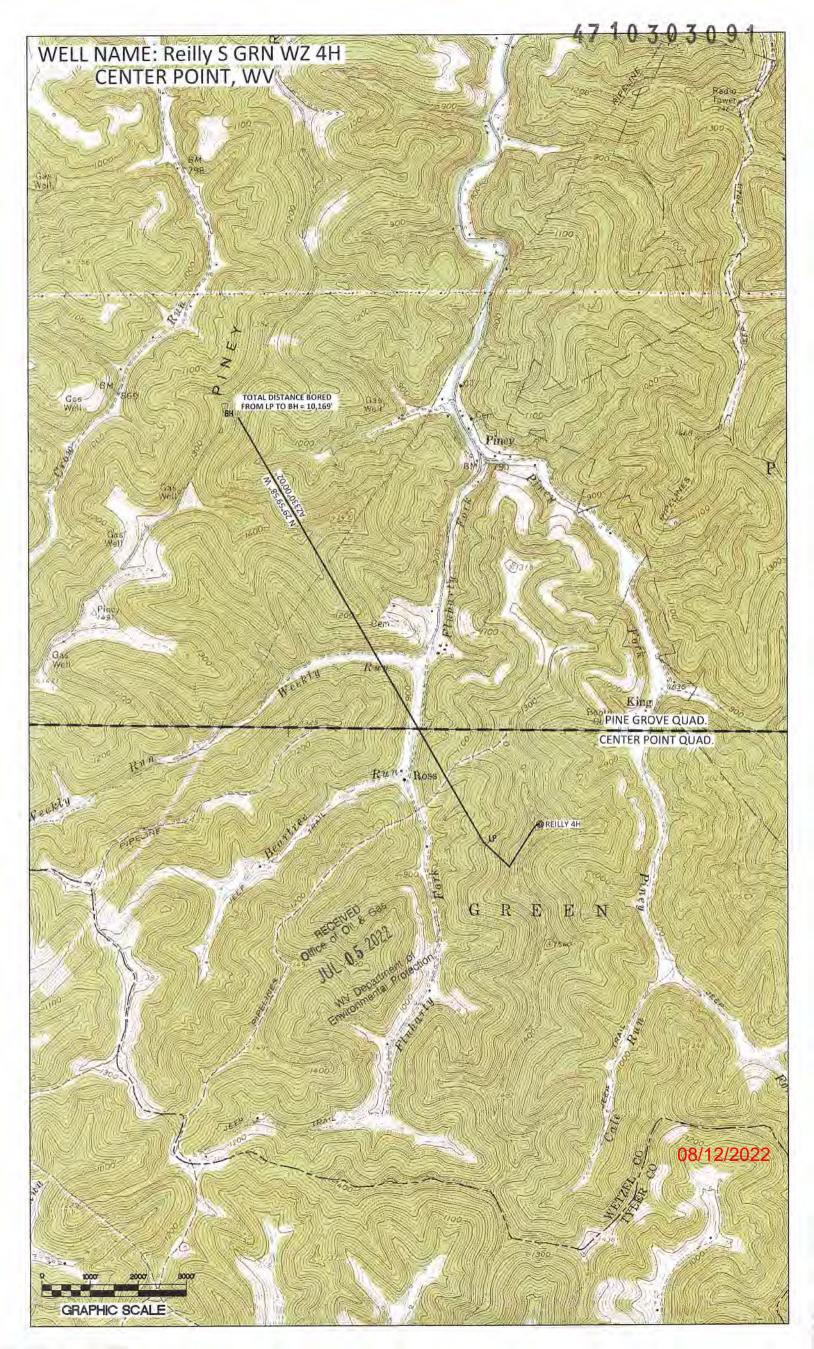
Termed L. Sugolok 6-23-22

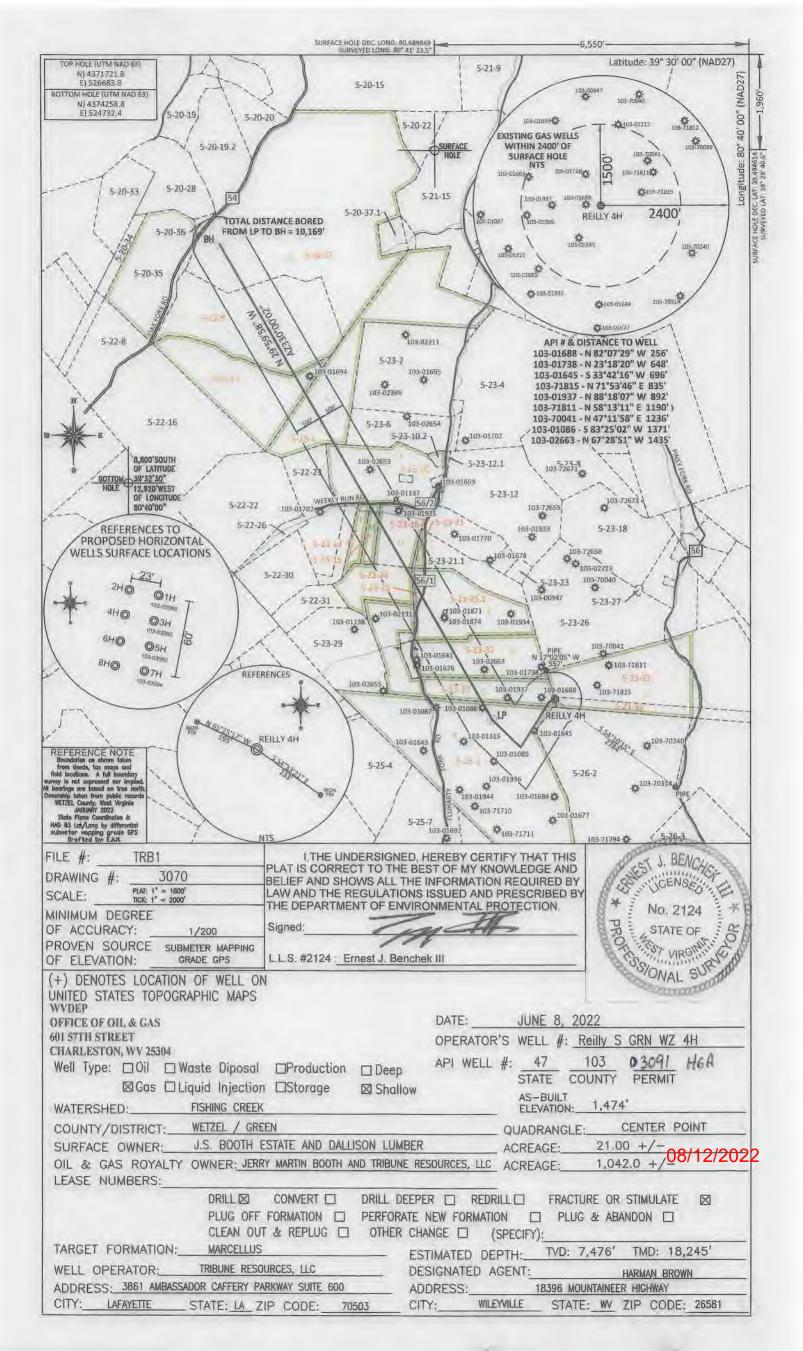
TRIBUNE RESOURCES, LLC. SITE SAFETY PLAN





			REILLY S GRN WZ 4H					
API Number	Well Name	Well Number	Operator	Latitude (NAD 83)	Longitude (NAD 83)	тмр	TVD'	Producing Formation
103-01645	State of WV	I-20	Pennzoil Products Company	39.492976	-80.691194	5-26-2	3333'	Gordon
103-01086	Irene Reilly	10	Pennzoil Company	39.493986	-80.695101	5-26-1	NA	NA
103-01694	Coastal Lumber Co	H-27	Coastal Lumber Co	39.511005	-80,706176	5-22-17	3027'	Gordon
103-02653	Anderson Wiley	3	HG Energy, LLC	39.506276	-80.702267	5-23-10	3140'	Gordon
103-01137	Frances L & Patricia Ann Fluharty	2	East Resources, Inc.	39.50477	-80.70037	5-23-10	2763'	Gordon
103-01935	Anderson Wiley Hrs	10	East Resources, Inc.	39.50419	-80,700183	5-23-16	2820'	Gordon
-103-01871	Rick & Katrilla Fluharty	5	East Resources et al	39.498921	-80.696811	5-23-25.1	2038'	Greenland Gap Fm
103-01874	Rickey/K Fluharty	6	East Resources, Inc.	39.498776	-80.696811	5-23-25.1	2958'	Gordon
103-02663	Dallison Lumber	4	HG Energy, LLC	39.496137	-80.694434	5-23-32	3192'	Gordon
103-01937	WV Public Lands Corp	15	HG Energy, LLC	39.494364	-80.693101	5-23-37	3039'	Gordon
103-01688	Caiman Energy	H-22	Tribune Resources, LLC	39.494474	-80.690454	5-23-37	3422'	Gordon





	PROPERTY OWNER INDEX
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5-23-25.1	ASCENT RESOURCES MARCELLUS
5-23-25	RICKY E. FLUHARTY
5-23-16	ANDERSON W. WILEY
5-23-24	JOHN S. KNIGHT
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5-23-15	ASCENT RESOURCES MARCELLUS
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5-23-10	FRANCISE L. FLUHARTY
5-23-1	GERALD E, BOGGS ET AL
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5-22-9	COASTAL FOREST RESOURCES
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E	MARC03094-000	K	MARC00756-000
F	MARC03104-118	L	MARC05000-003
		M	MARC04099-000

08/12/2022

FU F //.	TDD1	
FILE #:	TRB1	

SCALE: N/A

DATE:		JU	NE	8, 202	2		
OPERATOR	'S	WELL	#:	REILLY	S	GRN WZ	4H
API WELL		47 STATE		103 COUNTY		0 3091 PERMIT	HGA

WW-6A1 (5/13)

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

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JUL 05 2022

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

Operator's Well No.

REILLY 5 GRN WZ 4H

INFORMATION SUPPLIEB UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(n)(5)

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(1) the trace of land is the same trace described in this Application, parity 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 extrast, produce or markes 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 vanous margars and name changes include the relevance 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 vanous margars and name changes include the relevance 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 vanous margars and name changes include the relevance of the leases, include the chain of title out the chain of title chain of title chain of the leases of the leases. In several instances, no documentation was filed in the county records evidencing such a margar 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.

Tax Map & Parcel	Fee/Lease No.	LessonAssignor	Lessae/Assignee	Royany/Instrument	Boow/Page
6-23-38	MARC00702-000	Jerry M. Booth	HG Energy; LLC	1/0	136A/882
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
	1	American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Att. Of Name Change	114/619
		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert of Amendment	13/421
	Deed	John C. Wiley, et al	South Penn Oil Company	Fee Interest	49/143
	1	South Penn Oli Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
		Pentizoil Company	Pennzail United, Inc.	Assignment	246/491
		Pennzoil United, Inc.	Pennzoil Company	Cert of Name Change	WV Sec. of State record
		Pennzoil Company	Pennzsil Produsts Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, LLC	Cert of Werger	12/177
		PennizEnergy Exploration and Production, LL,C.	Devon Energy Production Company, LP	Cert. of Merger	12/278
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
		East Resources, Inc.	HG Energy, LLC	Deed	424/256
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	440/540
	-	American Energy - Marcellus, LLC	Asceni Resources - Marcellus, LLC	Cert of Amendment	13/309
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcallus Minerels, LLC	Quitclaim Mineral Deed	448/247
		Ascent Resources Marcellus Minerais, LLC	Tribune Resources Minerals, LLC	Cert of Amendment	13/427
5-23-33	MARC00702-000	Jerry M. Booth	HG Energy, LLC	1/8	136A/882
	Contractor of the second se	East Resources, Inc. and HG Energy, LLC	American Energy - Marcallus, LLC	Assignment	153A/238
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	114/619
		Ascent Resources - Marcellus, LUC	Tribune Resources, LLC	Cert of Amendmeni	13/421
	Deed	John C, Wiley, et al	South Penn Oil Company	Fee Interest	49/143
	Pred	South Penn Oil Company		Cert, of Name Change	WV/ Sec. of State record
		Pennzoil Company	Pennzoil United, Inc.	Assignment	246/491
		Pennzoil United, Inc	Peoutod Company	Cert, of Name Change	WV Sec. of State record
		Pennzoil Company	Pentrznil Products Company	Assn. & Supp. Assn.	319/397 L 322/577
		Pennizoil Products Company	Penazoil Evoloration and Production Ownards	Assignment	363/384
	1	Pennzoii Exploration and Production Company	PanosEnamy Exploration and Production Sol	Gent of Memer	12/177
		PennzEnergy Exploration and Production, L.L.C.	Deven Energy Broduction Company V.P. Or C/	Cent of Merger	12/278
		Devon Energy Production Company, L.P.	Fast Resources In:	Assignment	370/580
		East Resources, Inc.	HC Energy ILC & L. DA C	Deed	424/256
		East Resources, Inc. and HG Energy, LLC	American Energy Marchines 116 20 900	Deed	440/540
		American Energy - Marcellus, LLC	Pennzoll Company Pennzoll United, Inc. Pennzoll Products Company Pennzoll Exploration and Production Company Pennzoll Exploration and Production Company Pennzenergy Production Company, K.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus Allocation Ascent Resources Marcellus Minerally, K.P.	Gert, of Amendment	13/304
		American Energy Mericanet, Elle	Op. 9/2		
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcellus Minerall, LCo.	Quitclaim Mineral Deed	448/247
		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC Or Or	Gent of Amendment	13/427
-23-37	MARC01113-001	Dale Fluharty and Shirlene Fluharty, his wife	Pennzoil Company Cri	1/8	66A/583
		Pennzoil Company	Pennacii Products Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Products Company	Pennizoil Exploration and Production Company	Assignment	383/384
		Pennzoli Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert of Merger	12/177
		PennzEnergy Exploration and Production, LLC	Devon Energy Production Company, L.P.	Cert of Merger	12/270
	-	Devon Energy Production Company, LP.	East Resources, Inc.	Assignment	370/580
		East Resources, Inc.	HG Energy, LLC	Assignment	116A/253
	8	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	314/619
		American Energy - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	13/421

	Deed	David Fluharty and Susan Fluharty, his wife	South Penn Oil Company	Fee Interest	49/136
		South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
		Pennzoil Company	Pennzoil United, Inc.	Assignment	246/491
		Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
		Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
		East Resources, Inc.	HG Energy, LLC	Deed	424/256
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	440/540
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	448/247
		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	13/427
05-26-02	MARC01045-000	Wadsworth Brothers, Inc	Pennzoil Company	1/8	65A/420
		Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
		East Resources, Inc.	HG Energy, LLC	Assignment	118A/253
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	114/619
		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	13/421
05-26-01	MARC00746-000	Irene J. Reilly, et al	South Penn Oil Company	1/8	47/193
		South Penn Oil Company	South Penn Natural Gas Company	Assignment	33A/455
		South Penn Natural Gas Company	South Penn Oil Company	Assignment	215/478
		South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
		Pennzoil Company	Pennzoil United, Inc.	Assignment	246/491
		Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
		Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
		East Resources, Inc.	HG Energy, LLC	Assignment	118A/253
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	114/619
		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	13/421
05-23-32	MARC02997-000	Mary Jane Davis and Robert L Davis, Sr.	Pennzoil Company	1/8	58A/287
		Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
		Pennzoil Exploration and Production Company	RegnzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
		PennzEnergy Exploration and Production Company One	PagnzEnergy Exploration and Production, L.L.C. De Orenergy Production Company, L.P. East Actores, Inc.	Cert. of Merger	12/278
		Devon Energy Production Company, L.P.	Part Berogrees Inc	Assignment	370/580
		Foot Boogumon Inc.	HIC EMPIRE YI C	Assignment	118A/253
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	114/619
		East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC Roger R. Weese, Special Commissioner for and on behalf of John L. Vandruff, aka J. L. Vandruff, an individual, and the unknown heirs and assigns of John L. Vandruff East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	13/421
		Roger R. Weese, Special Commissioner for and on behalf of John L. Vandruff, aka J. L. Vandruff, an	300.		
		individual, and the unknown heirs and assigns of			1
05-23-25.1	MARC03094-000	John L. Vandruff	HG Stierry LLC	18%	147A/502
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
·····		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	114/619
		American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	13/421
	Deed (Fee 2830-00)	Richard Wiley and Lucy Wiley, his wife and Mary E. Booth and James A. Booth, her husband	South Penn Oil Company	Fee Interest	49/131
		South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
				A!	246/491
		Pennzoil Company	Pennzoil United, Inc.	Assignment	240/481

		Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
		East Resources, Inc.	HG Energy, LLC	Deed	424/256
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	440/540
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
		American Energy - Walcenus, LLC	Ascent Resources - Marcenda, LLO	Conc of Americanon	
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	448/247
		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert, of Amendment	13/427
		Roger R. Weese, Special Commissioner for and on			
		behalf of John L. Vandruff, aka J. L. Vandruff, an			
		individual, and the unknown heirs and assigns of			
5-23-25	MARC03094-000	John L. Vandruff	HG Energy, LLC	18%	147A/502
-23-23	INAL (CC3037-000	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	114/619
		American Energy - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	13/421
				Cole of American	
		Richard Wiley and Lucy Wiley, his wife and Mary E. Booth and James A. Booth. her husband	Courth Dama Oli Component	Fee Interest	49/131
	Deed (Fee 2830-00)		South Penn Oil Company	Cert. of Name Change	WV Sec. of State records
		South Penn Oil Company	Pennzoil Company	Assignment	246/491
		Pennzoil Company	Pennzoil United, Inc.	Cert. of Name Change	WV Sec. of State records
		Pennzoil United, Inc.	Pennzoil Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn. Assignment	363/384
		Pennzoil Products Company	Pennzoil Exploration and Production Company		12/177
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/278
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	370/580
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	424/256
		East Resources, Inc.	HG Energy, LLC	Deed	424/250
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
		A Real Marchine 14 O fire American France, Marchine 14 O		Quitclaim Mineral Deed	448/247
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcellus Minerals, LLC	Cert. of Amendment	13/427
		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	1/8	142A/428
5-23-24	MARC03104-193	Kenneth E. McHenry and Catherine L. McHenry, husband and wife	HG Energy, LLC	the second se	153A/238
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	114/619
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	13/421
			Tribune Resources, LLC	Cert. of Amendment	13/421
		Ascent Resources - Marcellus, LLC Office Resources			
		ASCENII RESOLUCES - INIAICENIUS, LLC OTA ASCENIUS, LLC			
	Deed (Fee 2832-00)	Richard Wiley et al	South Penn Oil Company	Fee Interest	49/134
	Deed (Fee 2832-00)	Richard Wiley et al	South Penn Oil Company Pennzoil Company	Cert. of Name Change	WV Sec. of State records
	Deed (Fee 2832-00)	Richard Wiley et al	Pennzoil Company Pennzoil United, Inc.	Cert. of Name Change Assignment	WV Sec. of State records 246/491
	Deed (Fee 2832-00)	Richard Wiley et al South Penn Oil Company Pennzoil Company Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change Assignment Cert. of Name Change	WV Sec. of State records 246/491 WV Sec. of State records
	Deed (Fee 2832-00)	Richard Wiley et al South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Company	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn.	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577
	Deed (Fee 2832-00)	Richard Wiley et al	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384
	Deed (Fee 2832-00)	Richard Wiley et al South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production Company Pennzoil Products Company	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C.	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177
	Deed (Fee 2832-00)	Richard Wiley et al Office of SilveD South Penn Oil Company Gas Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Products Company Pennzoil Products Company Penzoil Products Company Pennzoil Company Penzoil Products Company Penzoil Products Company Penzoil Products Company Penzoil Products Company Penzoil Products Company Penzoil Products Company	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278
	Deed (Fee 2832-00)	Richard Wiley et al Office of CiveD South Penn Oil Company Gas Pennzoil Company Pennzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company Pennzoil Production and Production Company Pennzenergy Exploration and Production Curpany, L.P.	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C.	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580
	Deed (Fee 2832-00)	Richard Wiley et al South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc.	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P.	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256
	Deed (Fee 2832-00)	Pennzoil Products Company "One" (Denzoil Products Company Pennzoil Exploration and Production Company (Denzon Production) PennzEnergy Exploration and Production, L.L.C. "Office of the company of the co	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc.	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540
	Deed (Fee 2832-00)	Pennzoii Products Company "Opt" (Demission of the company Pennzoii Exploration and Production Company Opt	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment Deed	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256
	Deed (Fee 2832-00)	Pennzoil Products Company <u>Pons</u> <u>Pennzoil Products</u> Company <u>Pons</u> <u>Pennzoil Exploration and Production Company</u> <u>PennzEnergy Exploration and Production, L.L.C.</u> <u>PennzEnergy Production Company, L.P.</u> East Resources, Inc. East Resources, Inc. and HG Energy, LLC	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment Deed Deed Cert. of Amendment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304
	Deed (Fee 2832-00)	Pennzoil Products Company <u>Pons</u> <u>Pennzoil Products</u> Company <u>Pons</u> <u>Pennzoil Exploration and Production Company</u> <u>PennzEnergy Exploration and Production, L.L.C.</u> <u>PennzEnergy Production Company, L.P.</u> East Resources, Inc. East Resources, Inc. and HG Energy, LLC	Pennzoil Company Pennzoil United, Inc. Pennzoil United, Inc. Pennzoil Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC Ascent Resources Marcellus Minerals, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Cert. of Merger Deed Deed Cert. of Amendment Quitclaim Mineral Deed	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 448/247
	Deed (Fee 2832-00)	Pennzoil Products Company "Opt" (Denzoil Products Company "Opt") Pennzoil Exploration and Production Company (Denzember 2017) Devon Energy Production Company, L.P. Devon Energy Production Company, L.P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment Deed Deed Cert. of Amendment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 448/247 13/427
5-23-21	Deed (Fee 2832-00)	Pennzoil Products Company "Ops" (Don't Pennzoil Exploration and Production Company) Option PennzEnergy Exploration and Production, L.L.C. 'Officer, Devon Energy Production Company, L.P. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Pennzoil Company Pennzoil United, Inc. Pennzoil United, Inc. Pennzoil Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC Ascent Resources Marcellus Minerals, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Cert. of Merger Deed Deed Cert. of Amendment Quitclaim Mineral Deed	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 448/247 13/427 147A/400
5-23-21		Pennzoil Products Company "Pons" (Don't Pennzoil Exploration and Production Company) On the PennzEnergy Exploration and Production, L.L.C. 'User Devon Energy Production Company, L.P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC Ascent Resources Marcellus, Minerals, LLC	Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources Marcellus, LLC Ascent Resources Marcellus Minerals, LLC HG Energy, LLC HG Energy, LLC HG Energy, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment Deed Cert. of Amendment Quitclaim Mineral Deed Cert. of Amendment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 448/247 13/427
5-23-21		Pennzoil Products Company "Opper Opper Opp	Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC Ascent Resources - Marcellus, LLC Ascent Resources Marcellus Minerals, LLC HG Energy, LLC HG Energy, LLC American Energy - Marcellus, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment Deed Deed Cert. of Amendment Quitclaim Mineral Deed Cert. of Amendment 1/8	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 448/247 13/427
		Pennzoil Products Company "Oper Theorem - Toppe - Theorem - Pennzoil Exploration and Production Company - Deven Energy Exploration and Production, L.L.C Operation - Deven Energy Production Company, L.P Deven Energy Production Company, L.P East Resources, Inc. and HG Energy, LLC - American Energy - Marcellus, LLC - American Energy - Marcellus, LLC - Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC - Ascent Resources - Marcellus, Minerals, LLC - Trudy Ivory and Jeffery M. Ivory, husband and wife - East Resources, Inc. and HG Energy, LLC - American Energy - Marcellus, LLC - Trudy Ivory and Jeffery M. Ivory, husband and wife - East Resources, Inc. and HG Energy, LLC - American Energy - Marcellus, LLC	Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, LLC. Devon Energy Exploration and Production, LLC. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources Marcellus Minerals, LLC Tribune Resources Minerals, LLC HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources Minerals, LLC Ascent Resources Marcellus, LLC Ascent Resources Minerals, LLC HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment Deed Deed Cert. of Armendment Quitclaim Mineral Deed Cert. of Amendment 1/8 Assignment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 13/427 13/427 13/427 153A/238
5-23-21		Pennzoil Products Company "Opper Opper Opp	Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC Ascent Resources - Marcellus, LLC Ascent Resources Marcellus Minerals, LLC HG Energy, LLC HG Energy, LLC American Energy - Marcellus, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Cert. of Merger Deed Deed Cert. of Amendment Quitclaim Mineral Deed Cert. of Amendment 118 Assignment Assignment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 448/247 13/427 13/324 153A/238 114/619
5-23-21	MARC03104-118	Pennzoil Products Company "9014" (1) Pennzoil Exploration and Production Company (1) PennzEnergy Exploration and Production, L.L.C. (2) Devon Energy Production Company, L.P. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC Ascent Resources Marcellus, Minerals, LLC Trudy Ivory and Jeffery M. Ivory, husband and wife East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC American Energy - Marcellus, LLC	Pennzoil Company Pennzoil United, Inc. Pennzoil United, Inc. Pennzoil Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources Minerals, LLC Tribune Resources Minerals, LLC Ascent Resources Minerals, LLC Tribune Resources - Marcellus, LLC Ascent Resources - Marcellus, LLC Tribune Resources - Marcellus, LLC Tribune Resources - Marcellus, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Assignment Deed Deed Cert. of Amendment Quitclaim Mineral Deed Cert. of Amendment 118 Assignment Assignment Cert. of Name Change Cert. of Amendment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 448/247 13/427 147A/400 153A/238 114/619
95-23-21		Pennzoil Products Company "Oper Theorem - Toppe - Theorem - Pennzoil Exploration and Production Company - Deven Energy Exploration and Production, L.L.C Operation - Deven Energy Production Company, L.P Deven Energy Production Company, L.P East Resources, Inc. and HG Energy, LLC - American Energy - Marcellus, LLC - American Energy - Marcellus, LLC - Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC - Ascent Resources - Marcellus, Minerals, LLC - Trudy Ivory and Jeffery M. Ivory, husband and wife - East Resources, Inc. and HG Energy, LLC - American Energy - Marcellus, LLC - Trudy Ivory and Jeffery M. Ivory, husband and wife - East Resources, Inc. and HG Energy, LLC - American Energy - Marcellus, LLC	Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, LLC. Devon Energy Exploration and Production, LLC. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources Marcellus Minerals, LLC Tribune Resources Minerals, LLC HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources Minerals, LLC Ascent Resources Marcellus, LLC Ascent Resources Minerals, LLC HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC	Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger Cert. of Merger Cert. of Merger Deed Deed Cert. of Amendment Quitclaim Mineral Deed Cert. of Amendment 118 Assignment Assignment	WV Sec. of State records 246/491 WV Sec. of State records 319/397 & 322/577 363/384 12/177 12/278 370/580 424/256 440/540 13/304 448/247 13/427 1477/400 153A/238 114/619 13/421

		Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company	Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company	Cert. of Name Change Assn. & Supp. Assn. Assignment	319/397 & 322/577 363/384
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	
		Pennzoil Products Company Pennzoil Exploration and Production Company	Pennzoil Exploration and Production Company		
		Pennzoil Exploration and Production Company		Cert. of Merger	12/177
			PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/278
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Assignment	370/580
		Devon Energy Production Company, L.P.	East Resources, Inc.	Deed	424/256
		East Resources, Inc.	HG Energy, LLC	Deed	440/540
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Cert. of Amendment	13/304
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert of Amendment	
				Quitclaim Mineral Deed	448/247
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcellus Minerals, LLC	Cert. of Amendment	13/427
		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	1/8	142A/428
23-16	MARC03104-193	Kenneth E. McHenry and Catherine L. McHenry, husband and wife	HG Energy, LLC	Assignment	153A/238
20-10		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment Aff. Of Name Change	114/619
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/421
		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	10/421
					49/134
	Deed (Free 0022 00)	Richard Wiley et al	South Penn Oil Company	Fee Interest	
	Deed (Fee 2832-00)	South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records 246/491
		Pennzoil Company	Pennzoil United, Inc.	Assignment	
	+	Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Company	Pennzoil Exploration and Production Company	Assignment	363/384
		Pennzoil Products Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
		Pennzoil Exploration and Production Company	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
		PennzEnergy Exploration and Production, L.L.C.	East Resources, Inc.	Assignment	370/580
		Devon Energy Production Company, L.P.	HG Energy, LLC	Deed	424/256
		East Resources, Inc.	American Energy - Marcellus, LLC	Deed	440/540
		East Resources, Inc. and HG Energy, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
		American Energy - Marcellus, LLC	Ascent Resources - Marconos, ELO		
		A Description of the American Energy - Marcellus 11 C	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	448/247
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	13/427
		Ascent Resources Marcellus Minerals, LLC	HG Energy, LLC	1/8	146A/828
-23-15	MARC03104-104	Eric Steven Higgins, a single man		Assignment	153A/238
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC	Aff, Of Name Change	114/619
		American Energy - Marcellus, LLC		Cert. of Amendment	13/421
		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC		
				Fee Interest	49/134
	Deed (Fee 2832-00)	Richard Wiley et al	South Penn Oil Company	Cert. of Name Change	WV Sec. of State records
		Richard Wiley et al South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company	Pennzoil Company	Assignment	246/491
		Pennzoil Company	Pennzoil United, Inc.	Cert. of Name Change	WV Sec. of State records
		Pennzoil United, Inc. Pennzoil Company Pennzoil Company Pennzoil Exploration and Production Company	Pennzoil Company	Assn. & Supp. Assn.	319/397 & 322/577
·····		Pennzoil Company	Grannzoil Products Company	Assignment	363/384
		Pennzoil Products Company	Pennzoil Exploration and Production Company		12/177
		Pennzoil Exploration and Production Company//	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/278
		Pennzoil Company Pennzoil Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, <i>Durgenting</i> Devon Energy Production Company, L.P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC	Devon Energy Production Company, L.P.	Cert_ of Merger	370/580
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	424/256
		East Resources, Inc.	HG Energy, LLC	Deed	424/230
		Fast Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	13/304
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
					448/247
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	13/427
		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	146A/189
5 02 44	MARC03104-084	Holiy J. Phelps and Carl B. Phelps, husband and wife	HG Energy, LLC	1/8	146A/189 153A/238
5-23-14	MARCOUS 104-004	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	<u>114/619</u> 13/421
	+	Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	13/421
		ASCENT RESOURCES - Marcenus, LLC			
			South Penn Oil Company	Fee Interest	49/134
	Deed (Fee 2832-00)	Richard Wiley et al	Pennzoil Company	Cert. of Name Change	WV Sec. of State record
		South Penn Oil Company	Pennzoil Company Pennzoil United, Inc.	Assignment	246/491
		Pennzoil Company		Cert. of Name Change	WV Sec. of State record
		Pennzoil United, Inc. Pennzoil Company	Pennzoil Company Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577

				Assignment	363/384
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Cert. of Merger	12/177
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/278
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Assignment	370/580
		Devon Energy Production Company, L.P.	East Resources, Inc.	Deed	424/256
		East Resources, Inc.	HG Energy, LLC	Deed	440/540
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Cert. of Amendment	13/304
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert of Ameridanena	
		Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	448/247
		Ascent Resources - Marcellus, LLC Na American Energy Indicated LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	13/427
-23-10	MARC00735-001	Richard Wiley, Lucy Wiley, his wife and A.W. Wiley and Margaret M. Wiley, his wife	S.A. Smith	1/8	46/524
20-10		S.A. Smith	South Penn Oil Company	Assignment	33A/455
		South Penn Oil Company	South Penn Natural Gas Company	Assignment	215/478
		South Penn Natural Gas Company	South Penn Oil Company	Assignment	WV Sec. of State records
	······	South Penn Oil Company	Pennzoil Company	Cert. of Name Change	246/491
		Pennzoil Company	Pennzoil United, Inc.	Assignment	WV Sec. of State records
		Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	319/397 & 322/577
		Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577 363/384
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	12/177
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580 118A/253
		East Resources, Inc.	HG Energy, LLC	Assignment	118A/253 153A/238
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	114/619
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	13/421
		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amendment	13/421
		Ascent Resources - Marconas, end			
	Dard (Car 2240.00)	Nellie Amos et al	Pennzoil Company	Fee Interest	306/379
	Deed (Fee 3318-00)	Pennzoil Company	Pennzoil United, Inc.	Assignment	246/491
		Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
		Pennzoil Company	Pennzoit Products Company	Assn. & Supp. Assn.	319/397 & 322/577
	Do	Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
O#;	TECEIVE	Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
	of OFFD	PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
	RECEIVED of OII & Gas 05 2022	Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
v v/	As age	Devon Energy Produción Company, E.T.	HG Energy, LLC	Deed	424/256
	202	East Resources, Inc. East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	440/540
- Wr		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
	Partment Ital Protection Marcourse-000'			Quitclaim Mineral Deed	448/247
-6/	al profit of	Ascent Resources - Marcellus, LLC fka American Energy - Marcellus LLC	Ascent Resources Marcellus Minerals, LLC	Cert. of Amendment	13/427
	"Otection	Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	1/8	49/52
5-23-01	MARC00756-000	Israel Miller and Elizabeth Miller, his wife	South Penn Oil Company	Cert. of Name Change	WV Sec. of State record
		South Penn Oil Company	Pennzoil Company	Assignment	246/491
		Pennzoil Company	Pennzoil United, Inc.	Cert. of Name Change	WV Sec. of State record
		Pennzoil United, Inc.	Pennzoil Company	Assn. & Supp. Assn.	319/397 & 322/577
		Pennzoil Company	Pennzoil Products Company	Assin. & Supp. Assin.	363/384
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Cert. of Merger	12/177
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/278
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Assignment	370/580
	1	Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	118A/253
		East Resources, Inc.	HG Energy, LLC	Assignment	153A/238
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment Aff, Of Name Change	114/619
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/421
	1	Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	1/8	213A/843
5-22-17	MARC05000-003	Lillie Blanche Smith Testamentary Trust	Antero Resources Corporation		248A/448
• ==-11	1	Antero Resources Corporation	Tribune Resources, LLC	Assignment	198A/540
5-22-09	MARC04099-000	Shiben Estates, Inc	Antero Resources Corporation	20%	248A/448
J-22-03		Antero Resources Corporation	Tribune Resources, LLC	Assignment	
	MARC04099-000		Antero Resources Corporation	20%	198A/540
05-20-37		Shiben Estates, Inc		Assignment	248A/448



June 24, 2022

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

Re: Application for a Permit to Drill Reilly S GRN WZ 4H

Mr. Brewer,

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

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

Sincerely LeeAasu

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



June 24, 2022

Tribune Resources, LLC 3861 Ambassador Caffery Parkway, Suite 600, Lafayette, Louisiana 70503 (337) 769-0032 Fax: (337) 769-4340

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS <u>NOTICE CERTIFICATION</u>

Date of Notice Certification:

API No. 47- 103	-
Operator's Well I	No. Reilly S GRN WZ 4H
Well Pad Name:	Reilly S GRN WZ

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:	WV		Easting:	526638.8
County:	Wetzel	UTM NAD 83	Northing:	4371726.5
District:	Green	Public Road Access:		Left Hand Fork
Quadrangle:	Center Point	Generally used farm name:		State of WV Public Land Corp.
Watershed:	Fishing Creek			

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 successful 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	OOG OFFICE USE ONLY
□ 1. NOTICE OF SEISMIC ACTIVITY OF ■ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED	RECEIVED/ NOT REQUIRED
□ 2. NOTICE OF ENTRY FOR PLAT SURVEY or ■ NO PLAT SURVEY WAS CONDUCTED	RECEIVED
3. NOTICE OF INTENT TO DRILL or NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or	RECEIVED/ NOT REQUIRED
WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)	
■ 4. NOTICE OF PLANNED OPERATION	
 4. NOTICE OF PLANNED OPERATION 5. PUBLIC NOTICE 5. PUBLIC NOTICE 6. PUBLIC NOTICE 7. PUBLIC	RECEIVED
 5. PUBLIC NOTICE 6. NOTICE OF APPLICATION WV Department of Protection WV Departmental Protection 	

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.

WW-6AC (1/12)

Certification of Notice is hereby given:

, have read and understand the notice requirements within West Virginia Code § 22-THEREFORE, I Lee Lawson 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.

			Address:	3861 Ambassador Caffery Parkway
Well Operator:	Tribune Resources, LLC			Lafayette, LA 70503
By:	Lee Lawson	anatanan kananya ang		(337) 769-4340
Its:	Regulatory/ HSE Director			
Telephone:	(337) 769-4064		Email:	lee.lawson@tribuneresources.com
	NOTARY SEAL ALYCE R. SAVOIE Notary Public State of Louisiana Perish of Lafayette Notary ID # 040826 My Commission Expires At Death		lip	pm before methis 1 day of Jule_

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 depprivacyofficera wy gov.

RECEIVED Gas Office of Oil & Gas JUL 05 2022 WV Department of Environmental Protection

WW-6A	
(9-13)	

API NO. 47-103 OPERATOR WELL NO. Reilly S GRN WZ 4H Well Pad Name: Reilly S GRN WZ

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS <u>NOTICE OF APPLICATION</u>

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

Date	e of Notice:	Date Permit Applica	tion Filed:	
Noti	ce of:			
2	PERMIT FOR ANY WELL WORK	· · · · · · · · · · · · · · · · · · ·	ICATE OF APPROVAL FOR THE RUCTION OF AN IMPOUNDMENT OR PIT	HECEIVED Office of Oil & Gas JUL 05 2022
Deli	very method pursua	nt to West Virginia C	ode § 22-6A-10(b)	JUL 05 2022
	PERSONAL SERVICE	REGISTERED MAIL	METHOD OF DELIVERY THAT REQU RECEIPT OR SIGNATURE CONFIRMA	JIRES ANV Department of ATION
certize regiss sedire the section oil an	ficate of approval for t tered mail or by any n nent control plan requ urface of the tract on y nd gas leasehold being	the construction of an im nethod of delivery that re ired by section seven of which the well is or is pro- g developed by the propo	an the filing date of the application, the applicant for poundment or pit as required by this article shall delir quires a receipt or signature confirmation, copies of t this article, and the well plat to each of the following posed to be located; (2) The owners of record of the sed well work, if the surface tract is to be used for ros submitted pursuant to subsection (c), section seven of	a permit for any well work or for a ver, by personal service or by he application, the erosion and persons: (1) The owners of record of surface tract or tracts overlying the ads or other land disturbance as

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. § 35-8-57.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)	COAL OWNER OR LESSEE
Name: See Attached	Name: See Attached
Address:	Address:
Name:	COAL OPERATOR
Address:	Name:
	Address:
SURFACE OWNER(s) (Road and/or Other Disturbance)	
Name: See Attached	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s)
Charleston, WV 25301	Name: See Attached
Name:	Address:
Address:	
	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
□ SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Address:
Address:	
	*Please attach additional forms if necessary

API NO.47 103 0 3 0 3 0 9 OPERATOR WELL NO. Reilly S GRN WZ 4H Well Pad Name: Reilly S GRN WZ

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 Bapartment of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting 5ww.dep.wv.gov/oil-WV Department of

 and-gas/pages/default.aspx.
 JUL

 Well Location Restrictions
 WV Department of protection

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

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

API NO. 47703 0 3 0 3 0 9 1 OPERATOR WELL NO. Reilly S GRN WZ 4H Well Pad Name: Reilly S GRN WZ

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) with the secretary at the location or construction of the applicant's proposed well work to the Secretary at: Other file of Other

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

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

JUL 05 2022 WV Department of Environmental Protection

47 10 303091 API NO. 47-103 OPERATOR WELL NO. Reility S GRN WZ 4H Well Pad Name: Reility S GRN WZ

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-

<u>Permits/Pages/default.aspx</u> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

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

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

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

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

RECEIVED Office of OII & Gas JUL 05 2022 WV Department of WV Department of Environmental Protection

API NO, 47-103 - 03091 OPERATOR WELL NO. Reilly S GRN WZ 4H Well Pad Name: Reilly S GRN WZ

Notice is hereby given by:	
Well Operator: Tribune Resources, LLC	101
Telephone: (337) 789-4064	
Email: lee.lawson@tribuneresources.com	111

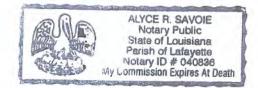
Address: 3861 Ambassador Caffery Parkway Lafayette, LA 70503 Facsimile: (337) 769-4340

Oll and Gas Privacy Notice:

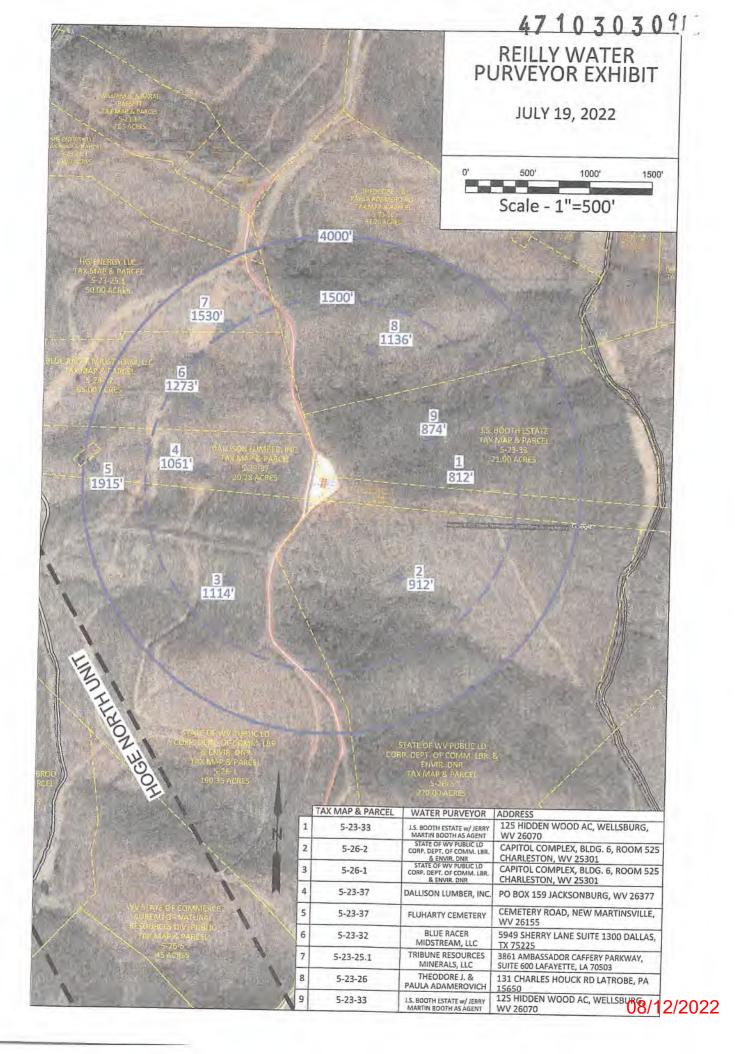
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory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

ALYCE R. SAVOIE Notary Public State of Louisiana Parish of Lafayette Notary ID # 040826 My Commission Expires At Death

0 2022 Subscribed and sworn before me this Notary Public My Commission Expires



RECEIVED Gas JUL 05 2022 WV Department of Environmental Protect



Surface

Dallison Lumber, Inc.

PO Box 159

Jacksonburg WV, 26377

J.S. Booth Estate with Jerry Martin Booth, as agent

125 Hidden Wood AC

Wellsburg WV, 26070

State of West Virginia Public Land Corp.

Department of Commerce, LBR & Environmental, DNR

Capital Complex, Bldg. 6 Room 525

Charleston WV, 25301

<u>Coal</u>

David E. Bowyer 12088 Middle Island Road Alma WV, 26320

J.S. Booth Estate with Jerry Martin Booth, as agent

125 Hidden Wood AC

Wellsburg WV, 26070



08/12/2022

Fluharty Cemetery

Cemetery Road

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New Martinsville, WV 26155

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Water Owners

Dallison Lumber, Inc.

PO Box 159

Jacksonburg WV, 26377

State of West Virginia Public Land Corp.Department of Commerce, LBR & Environmental, DNRCapital Complex, Bldg. 6 Room 525

Charleston WV, 25301

Theordore J. Adamerovich and Paula Adamerovich

131 Charles Houck Rd

Latrobe PA, 15650

J.S. Booth Estate with Jerry Martin Booth, as agent

125 Hidden Wood AC

Wellsburg WV, 26070

Blue Racer Midstream, LLC

5949 Sherry Lane Suite 1300

Dallas, TX 75225

RECEIVED Gas Office of Oil & JUL 05 2022 WV Department of Environmental Protection

Richards Resources

RT 3 Box 79-B

Salem WV, 26426

State of WV Public LD Corp Dept. of Comm, LBR & Envir. DNR

Capitol Complex, Bidg. 6, Room 525

Charleston WV, 25301

RECEIVED Gas Office of Oil & JUL **05** 2022 WV Department of Environmental Protection

WW-6A4 (1/12)

4710303091

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 Permit Application Filed: _____ Date of Notice: 06/17/2022

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

Π	HAND	CERTIFIED MAIL		
لسيها	DELIVERY	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):

Notice is net only the ordered of th	
Address: Capital Complex, Bldg. 6 Room 525 Address.	
Charleston WV, 25301	

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

the surface owner's land for the purpose of drining a needed			Easting:	526683.8	
State:	West Virginia	UTM NAD 83		4371721.8	
County:	Wetzel	Public Road Ac	cess:	CR 13. CR 13/3 and CR 13/8	
District:		Generally used			
Quadrangle:	Center Point	Generally about			
Watershed:	Fishing Creek				

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 <u>www.dep.wv.gov/oil-and-gas/pages/default.aspx</u>.

Notice is hereby given by:

	Tribune Resources, LLC	Authorized Representative.	3861 Ambassador Caffery Parkway Ste. 600
Address: Lafayette, LA 70503	3861 Ambassador Caffery Parkway Ste. 600	Lafayette, LA 70503	337-769-4064
Telephone:	337-769-0032	Telephone: Email:	lee,lawson@tribuneresources.com
	jee.lawson@tribuneresources.com 337-769-4340	Facsimile:	337-769-4340
Facsimile:	33(+103-1010		

Lee Lawson

RECEIVED Office of Oil & Gas JUL 05 2022 WV Department of WV Departmenta Environmenta

WW-6A4 (1/12)

4710303091 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 Permit Application Filed: _____ Date of Notice: 06/17/2022

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

HAND	CERTIFIED MAIL RETURN RECEIPT REQUESTED		
DELIVERY	KETOR(TREDE	office 10 by certified mail	return

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operat Oficial P, by certifi receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's and 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 and is the surface owner, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

why provided to the SURFACE OWNER(s):

Notice is nereby provided to the second	Name:
Notice is hereby provide an antiparty Martin Booth, as agent	Address:
Address: 125 Hidden Wood AC	
Wellsburg WV, 26070	

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

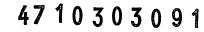
the surface ow	mer's land for the purpose of drining a non-		Easting:	526683.8
State:	West Virginia	UTM NAD 83	Northing:	4371721.8
County:	Wetzel	Public Road Acc	cess:	CR 13. CR 13/3 and CR 13/8
District:	Green	Generally used f	farm name:	
Quadrangle:	Center Point	•		
Watershed:	Fishing Creek			

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 <u>www.dep.wv.gov/oil-and-gas/pages/default.aspx</u>.

Notice is hereby given by:

Well Operator	Tribune Resources, LLC	- Address:
Address:	3861 Ambassador Caffery Parkway Ste. 600	Lafayette, LA 70
Lafayette, LA 705	03	Telephone:
Telephone:	337-769-0032	Email:
Email:	lee.lawson@tribuneresources.com	Facsimile:
Facsimile:	337-769-4340	

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



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 Req Date of Notice: _0	uirement: Notice shall be provided at least TEN (10) days pri 6/17/2022 Date Permit Application Filed:	
	pursuant to West Virginia Code § 22-6A-16(b)	JUL 05 2022
□ HAND	CERTIFIED MAIL	WV Department of Environmental Protection

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 DELIVERY 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):

Nouce is nevery provide a	Name:
Name: Dallison Lumber, Inc.	Address:
Address: PO Box 159	
Jacksonburg WV, 26377	

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

the surface ow	vner's land for the purpose of drifting a norment		Easting:	526683.8
State:	West Virginia	UTM NAD 83	Northing:	4371721.8
County:	Wetzel	Public Road Ac	-	CR 13. CR 13/3 and CR 13/8
District:	Green	Generally used		
Quadrangle:	Center Point	Generally about		
Watershed:	Fishing Creek			

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:
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Notice is here Well Operator: Address:	by given by: Tribune Resources, LLC 3861 Ambassador Caffery Parkway Ste. 600	Address.	Lee Lawson 3861 Ambassador Caffery Parkway Ste. 600
Lafayette, LA 70503 Telephone:	337-769-0032 lee.lawson@tribuneresources.com 337-769-4340	Lafayette, LA 70503 Telephone: Email: Facsimile:	337-769-4064 lee.lawson@tribuneresources.com 337-769-4340

ww- (1/12)		TE OF WEST VIRGINIA ENTAL PROTECTION, OFFI	4710303091 CE OF OIL AND GAS
	NOTICE	COF PLANNED OPERATION	
Noti Date	The provided I	no later than the filing date of permit ap Application Filed:	Deplication. RECEIVED Office of Oil & Gas JUL 05 2022
Dolt	very method pursuant to West Virginia Code §	22-6A-16(c)	
	CERTIFIED MAIL RETURN RECEIPT REQUESTED suant to W. Va. Code § 22-6A-16(c), no later the	HAND DELIVERY	WV Department of Environmental Protection
the requ drill dan (d) of r	suant to W. Va. Code § 22-6A-16(c), no later that rn receipt requested or hand delivery, give the sum planned operation. The notice required by this nired to be provided by subsection (b), section ten ling of a horizontal well; and (3) A proposed su mages to the surface affected by oil and gas operation The notices required by this section shall be given notice.	of this article to a surface owner whose rface use and compensation agreement ions to the extent the damages are compe- n to the surface owner at the address list	and will be used in conjunction with and containing an offer of compensation for ensable under article six-b of this chapter. and in the records of the sheriff at the time Offic JUL 0.5 LU
(at Na	tice is hereby provided to the SURFACE OWN the address listed in the records of the sheriff at the me: State of West Virginia Public Land Corp Department of Commercia, LBR & Environmental, ONR	IER(s) ne time of notice): Name: Address:	WV Department of Environmental Protection
Ad	Idress: Capital Complex, Bidg. 6 Room 525 narleston WV, 25301	Address:	
op Sta	otice is hereby given: resuant to West Virginia Code § 22-6A-16(c), noti veration on the surface owner's land for the purpo ate: <u>West Virginia</u> Wetzel	UTM NAD 83 Easting: Northing:	526683.8 4371721.8
	bunty: <u>Wetzel</u> istrict: Green	Public Road Access: Generally used farm name:	CR 13. CR 13/3 and CR 13/8
		Generally used tarm marine.	and the second design of the s

Quadrangle:

Watershed:

Center Point

Fishing Creek

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-19(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-andgas/pages/default.aspx.

TTT-11 On antor	Tribune Resources, LLC	Address:	3861 Ambassador Caffery Parkway Ste. 600
Well Operator:			Lafayette, LA 70503
Telephone:	337-769-0032	Facsimile	337-769-4340
Email:	lee.lawson@tribuneresources.com	Paesinine.	

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.

mulaura Sta 600

Operator Well No. REILLY S GRN WZ 4H

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STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE	-	_		-	•			9	8
NOTICE OF PLANNED OPERATION									

Notice Sha	all be provided no later than the filing date of permit application.	
Notice I fille Kequit chiefte. House sin	The second American Filed	
Date of Notice: 06/17/2022	Date Permit Application Filed:	

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

CERTIFIED MAIL	HAND
 RETURN RECEIPT REQUESTED	DELIVERY

RECEIVED Office of Oil & Gas JUL 05 2022 WV Department of Environmental Protection

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: J.S. Booth Estate with Jerry Martin Booth, as agent	Name:
Address: 125 Hidden Wood AC	Address:
Wellsburg WV, 26070	

WW-6A5

(1/12)

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

operation on	the surface owner s land for the purpose	-	Easting:	526683.8
State:	West Virginia	UTM NAD 83	Northing:	4371721.8
County:	Wetzel	Public Road Ac	-	CR 13. CR 13/3 and CR 13/8
District:	Green	Generally used		
Quadrangle:	Center Point	Generally used		
Watershed	Fishing Creek			

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-andgas/pages/default.aspx.

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

STATE OF WEST VIRGINIA

Operator Well No. ______ REILLY S GRN WZ 4H

14 ---- Beation

4710303091

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

Noti Date	ce Time Requirement: notice shall be pro of Notice: Date Pe	vided n rmit A	o later than the film pplication Filed: _	ng date of permit approaction.	RECEIVED Gas
	very method pursuant to West Virginia	Code §	22-6A-16(c)		"" 02
	CERTIFIED MAIL RETURN RECEIPT REQUESTED		HAND DELIVERY		W Department of W Departmental Protection

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by cer 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):

(at the address here a and	Name:
Name: Dailison Lumber, Inc.	Address:
Address: PO Box 159	
Jacksonburg WV, 26377	

WW-6A5 (1/12)

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

operation	On the surface of the bitter of the		Easting:	52665.0
State:	West Virginia	UTM NAD 83	Northing:	4371721.8
County:	Wetzel	Public Road Acc	-	CR 13. CR 13/3 and CR 13/8
District:	Green	Generally used f		
Quadrang	e: Center Point	Generally 2000 -		
Watershed	Fishing Creek			

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-andgas/pages/default.aspx.

MI-11 Onorator	Tribune Résources, LLC	Address:	3861 Ambassador Caffery Parkway Ste. 600
Well Operator:			Lafayette, LA 70503
Telephone:	337-769-0032	Facsimile:	337-769-4340
Email.	lee.lawson@tribuneresources.com		



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

June 16, 2022

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

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

RECEIVED Gas JUL 05 2022 WV Department of Environmental Protection

Subject: DOH Permit for the Reilly (503) Pad, Tyler County Reilly S GRN WZ 4H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2013-0571 which has been issued to Tribune Resources, LLC for access to the State Road for a well site located off Tyler County Route 13/8 SLS MP 0.97.

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



Reilly Pad Wells Completion Chemical List

Reilly Pad Co	ompletion	n Chemical		T	WV Departmental Prote	
List		Purpose	Ingredients	CAS#	n ^{viron.} Max	Max
Trade Name	Suppl ier	Purpose	Ingredients	CAS#	Ingredient Concentratio n in Additive (% by mass)	Ingredient Concentratio n 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	Hallib urton	Friction Reducer	Hydrotreated light petroleum distillate	64742- 47-8	30	0.02061
			Inorganic salt	Propri etary	30	0.02061
HCl, 7.5%	Produ cers	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	Hallib urton	Solvent	Hydrotreated distillate	Propri etary	100	0.00085
FightR EC- 4M	Hallib urton	Friction Reducer	Hydrotreated distillate	Propri etary	30	0.041
MC MX 5- 3886	Hallib urton	Specialty Brine	Calcium nitrate.4H20	13477- 34-4	100	0.00085
LD-2800	Hallib urton	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	Hallib urton	Biotechn ology	Contains no hazardous substances in concentrations above cut-off values according to the competent authority	NA	100	0.00085
Legend LD-7750W	Hallib urton	Scale Control	Methanol	67-56- 1	60	0.00171
			Phosphonic Acid Salt	Propri etary	5	0.0001425

