

#### 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, October 21, 2024 WELL WORK PLUGGING PERMIT Vertical Plugging

WEST VIRGINIA LAND RESOURCES, INC. 46226 NATIONAL ROAD WEST

ST. CLAIRSVILLE, OH 43950

Re:

Permit approval for ROGERS 2103

47-033-04864-00-00

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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.

James A. Martin

Chief

Operator's Well Number: ROGERS 2103

Farm Name: OSBORNE, PHILLIP

U.S. WELL NUMBER: 47-033-04864-00-00

Vertical Plugging

Date Issued: 10/21/2024

#### **PERMIT CONDITIONS**

West Virginia Code §22-6-11 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 conditions may result in enforcement action.</u>

#### CONDITIONS

- 1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 3. Well work activities shall not constitute a hazard to the safety of persons.
- 4. 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.

1) Date	SEPT	EMBE	R 23	,	20	24	
2)Oper	ator	's					
Well	No.		F	ROGER	RS 103		
3)API	Well	No.	47-	033	- Q4	1864	

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

APPLICATION FOR A PER	MIT TO PLUG AND ABANDON
4) Well Type: Oil/ GasX_/ Liquid	
(If "Gas, Production or Und	derground storage) Deep/ Shallow
5) Location: Elevation 1290.55'	Watershed JONES CREEK RUN OF WEST FORK RIVER
District EAGLE	County HARRISON Quadrangle WALLACE WV
6) Well Operator WEST VIRGINIA LAND RESOURCES INC.	DAVID RODDY
Address 1 BRIDGE STREET	7) Designated Agent DAVID RODDY Address 1 BRIDGE STREET
MONONGAH, WV 26554	MONONGAH, WV 26554
8) Oil and Gas Inspector to be notified	9) Plugging Contractor
Name KENNY WILLETT	Name
Address 2393 TALLMANSVILLE RD	Address
BUCKHANNON, WV 26201	
Approximate Surface Elevation = 1066	
Approximate Bottom of Coal = 418.	.00' see drill logs Office of Oil and Gas
Approximate Depth = 648.	83' OCT 1 5 2024
	WV Department of Environmental Protection
Notification must be given to the district oi work can commence.	l and gas inspector 24 hours before permitted
Work order approved by inspector $K_{\mathcal{J}}$ $W_{\mathcal{J}}$	illett Date 10/3/24

#### Plugging Prognosis Exhibit No.1 API# 47-033-04864

Casing Schedule:

13 3/8": 44'

9 5/8": 329' 110 sks. cement 7": 1030' 105 sks. cement 4 %": 4580' 176 sks. cement

Elevation: 1068'

TD: 4677'

- 1. Notify inspector
- 2. Check TD and Run CBL on wireline to determine top of cement behind 4 1/2" casing
- 3. TIH w/tbg to TD; 4677'
- 4. Set first Class L cement plug from TD to 1744'
- 5. Pump 6% bentonite gel from 1744' to surface
- 6. Free point 4 ½" csg. Cut and TOOH.
- 7. Remove free 4 1/2" csg.
- 8. TIH w/tbg to 1168'
- 9. Set Class L cement plug from 1168' to 968' covering elevation.
- 10. Set Class L cement plug from 968' to surface.
- 11. Reclaim site and set monument per WVDEP regulations

RECEIVED
Office of Oil and Gas
OCT 15 2024
WW Department of
Environmental Protection



#### west virginia department of environmental protection

Office of Oil and Ges 601 57th Street, SE Charleston, WV 25304 Phone (304) 928-0460 Harold D. Ward, Cabinet Secretary dep.wv.gov

#### BEFORE THE OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE OF WEST VIRGINIA

IN THE MATTER OF A VARIANCE FROM	)		
LEGISLATIVE RULE 35CSR4	)	ORDER NO.	2022-13
SECTION 14.1. AND LEGISLATIVE RULE	)		
35CSR8 SECTION 20.1,	)		
RELATING TO THE CEMENTING	)		
OF OIL AND GAS WELLS	)		

#### REPORT OF THE OFFICE

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

#### FINDINGS OF FACT

- On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L coment in place of API Class A coment, relating to the plugging of conventional wells.
- Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
- Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a
  variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in
  place of API Class A cement, relating to the plugging of horizontal wells.

Promoting a healthy environment

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

#### CONCLUSIONS OF LAW

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

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

#### ORDER

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

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

IN THE NAME OF THE STATE OF WEST VIRGINIA

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

James Martin, Chief Office of Oil and Gas



Select County:	(033) Harrison	¥	Select datatypes: 0	Check All)	
Enter Permit #:	4864		Location  Owner/Completion	Production	
Get Data	Reset		Pay/Show/Water	Stratigraphy Logs	Btm Hole Loc

Table Descriptions
County Code Transistions
Permit-Numberloo Series
Jasge Notes
Contact Information
Disclaimer
\*\*YYOR'S Main
Plosition=Plus\*\*

WV Geological & Economic Survey:

Well: County = 033 Permit = 4864 Link to all digital records for well

Report Time: Monday, September 23, 2024 \$:36:28 PM

There is no Bottom Hole Location data for this well

Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL	NUM	CO_NUM	LEASE	LEASE.	NUM	MINERAL_DWN	OPERATOR_A	T_COMPLETION	PROP_VD PROP_T	RGT_FM TFM_EST
4703304864	10/16/2007	Original Loc	Completed	Phillip & Rebecca Osborne			Rogers 2103	Rogers	L-0150		Judith M Rogers et al	Linn Operating	inc.	4100 Balltown	

Completion Information:

- 2	a or in producti	HHONFILLOUS	2000																			
П	API	CMP DT	SPUD DT	FLEV	DATUM	FIELD	DEEPEST	FM	DEEPEST F	MT I	INITIAL	CLASS	FINAL (	CLASS	TYPE	RIG	CMP M	THD T	VD TI	MD NEW_FTG KOD	G BEF	G AFT
								,														
- 1	4703304864	10/18/2007	10/11/2007	1068	Ground Level	Brwn-Lumberport	Renson		Benson	- 1	Davelone	BaW tnam	Develop	ment Well	Gas	Rotary	Frachire	d 4	377	4677		

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH BOT	FM BOT	G BEF	G_AFT	O_BEF	O_AFT	WATER_	YTAD
4703304864	10/16/2007	Water	Fresh Water	Vertical			10							
4703304864	10/16/2007	Water	Fresh Water	Vertical			120							
4703304864	10/16/2007	Water	Fresh Water	Vertical			425							
4703304864	10/16/2007	Pay	Gas	Vertical	2244	Gordon	2286	Gordon						
4703304864	10/16/2007	Pay	Gas	Vertical	2392	Fifth	2402	Fifth						
4703304864	10/16/2007	Pay	Gas	Vertical	2993	Balltown	3133	Balitown						
4703304864	10/16/2007	Pay	Ges	Vertical	3319	Balttown	3350	8alltown						
4703304864	10/16/2007	Pay	Gas	Vertical	3783	Riley	3799	Riley						
4703304864	10/16/2007	Pay	Gas	Vertical	4323	Riley	4480	Benson						

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR		ANN GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703304864	Linn Operating, Inc.	2007	3,840	0	0	0	0	0	0	0	0	0	0	1,492	2,148
4703304864	XTO Energy, Inc.	2008	5,005	0	0	0	a	0	1.279	1,524	1,169	550	67	416	O
	XTO Energy, Inc.	2009	8,070	968	848	520	727	552	758	784	774	589	465	595	490
4703304884	XTO Energy, Inc.	2010	7,938	725	891	705	652	795	848	644	771	489	721	490	409
4703304884	XTO Energy, Inc.	2011	6,340	446	449	456	500	314	307	457	445	475	964	792	735
	XTO Energy, Inc.	2012	7,099	886	682	566	626	590	510	727	572	561	278	466	635
4703304864	XTO Energy, Inc.	2013	3,733	364	360	301	385	362	310	303	301	284	219	277	267
4703304864	XTO Energy, Inc.	2014	3,710	292	379	315	319	241	408	342	300	292	298	235	289
4703304864	XTO Energy, Inc.	2015	2,650	313	225	303	305	183	0	217	349	264	243	248	C
4703304864	XTO Energy, Inc.	2018	3,879	338	284	283	339	343	321	341	275	275	305	349	228
4703304864	XTO Energy, Inc.	2017	2,480	250	199	243	275	209	218	241	225	231	205	70	114
4703304864	XTO Energy, Inc.	2018	2,417	100	28	30	73	53	240	240	240	240	240	440	493
	XTO Energy, Inc.	2019	5,072	482	421	438	425	448	412	427	423	406	408	382	402
4703304864	XTO Energy, Inc.	2020	1,189	400	379	410	0	0	0	0	0	0	0	0	0
	Diversified Production, LLC	2021	3,736	0	0	366	390	397	440	438	439	376	362	345	179
4703304864	XTO Energy, Inc.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diversified Production, LLC	2022	206	175	14	16	0	0	0	0	0	0	0	0	0
4703304864	Diversified Production, LLC	2023	3,129	0	205	342	370	330	298	308	275	261	246	241	253

Production Oil Information: (Volumes in BbI) \*\* some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FE8	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
	Linn Operating, Inc.	2007	_ 0	0	0	0	0	0	0	0	0	0	0	0	0
	XTO Energy, Inc.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2010	1	0	0	0	0	0	0	0	0	0	0	1	0
4703304864	XTO Energy, Inc.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
	XTO Energy, Inc.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2016	0												
	XTO Energy, Inc.	2017	0	0											
	XTO Energy, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
	XTO Energy, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304884	Diversified Production, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0

Production	NGL Inform	ation:	(Volu	mes	in Bbl)	** 80	ome	oper	rators	may	have	repo	rted	NGL	unde	er Oil	
API	PRODUCING	OPER	ROTA	PPO	VEAD	AMM &	101	LAN	FER	MAG	APD	WAY	MIIM	11.11	ALLC	QED.	7

API	PRODUCING CORPATOR													21/01/	-
	PRODUCING_OPERATOR		ANN_NGL	JAN	PEB	MAK	APK	MAT	JUN	JUL	AUG	SEP	OCI	MOA	DCM
4703304864	XTO Energy, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2016	0												
4703304864	XTO Energy, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
1703304864	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	Diversified Production, LLC	2023	0	0	0	0	0	0	0	0	0	0	. 0	0	

Production Water Information: (Volumes in Gallons)

	Water Information, (Vol														
APF	PRODUCING_OPERATOR	PRD YEAR	ANN WTR	MAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703304884	XTO Energy, Inc.	2016	- 0												
4703304864	XTO Energy, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	XTO Energy, Inc.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304884	XTO Energy, Inc.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304884	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4703304864	Diversified Production, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0

OCT 15 2024

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WV Department of Environmental Protection

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
			Well Record		Reasonable		Reasonable		Ground Level
		unidentified coal		546	Reasonable	4	Reasonable	1088	Ground Level
		unidentified coal		618	Reasonable	6	Reasonable	1068	Ground Level
		unidentified coal		856	Reasonable	5	Reasonable	1068	Ground Level
		Greenbrier Group	Well Record	1340	Reasonable	45	Reasonable	1068	Ground Level
	Original Loc		Well Record	1340	Reasonable	45	Reasonable	1068	Ground Level
				1405	Reasonable	20	Reasonable	1088	Ground Level
4703304864	Original Loc	Squaw	Well Record	1510	Reasonable	28	Reasonable	1068	Ground Level

Date API# October 24, 2007 47-033-04864

# State of West Virginia Division of Environmental Protection Section of Oil and Gas Well Operator's Report of Well Work

Farm Name:		Osbourne, Phill	ip	Operator Well	No.: Rogers #2	2103		
LOCATION:	Elevation:	1068'		Quadrangle:	Walla	ce		
	District:	Eag	gle	County:	Harris	on		
	Latitude:	4010	feet South of	39 DEG.	25 MIN.	00 SEC.		
	Longitude:	7610	feet West of	80 DEG.	22 MIN.	00 SEC.		
				Casing &	] ]		Cement Fill	
_				<b>Tubing Size</b>	Used in Drilling	Left in Well	Up Cu. Ft.	
Company:	Linn Operating			13 3/8"	44'	44'	Sand In	
	480 Industrial Jane Lew, WV						-	
	Jane Lew, WV	203/6		9 5/8"	329 <sup>,</sup>	329	110 sks	
Agent:		Gary I	Reall				<del></del>	
Inspector:	_	Tim Be		7"	1030'	1030	105 sks	
Permit Issued		6/26/2		4.44011			<del></del>	
Weli Work Co		October 1	1, 2007	4 1/2"	4580'	4580'	176 sks	
Well Work Co		October 1	6, 2007				<u> </u>	
Verbal Pluggi								
Permission ge					Τ Τ			
Rotary X Total Depth (f			-					
Fresh Water I		467 10', 120			ł			
Salt Water De		10, 120 N/s	_	<b> </b>				
	mined in area 🔿		<del></del>					
		46'-550', 618'-62	4' 856'-861'	L	<del></del>		<u>_</u>	
OPEN FLOW				<del></del>			<del></del>	
				Pay Zo	ne			
Producing Fo	ormation _	See Treat	ment	Depth		Reverse		
Gas: Initial O	pen Flow	0	MCF/d		tial Open Flow	Show	Bbl/d	
Final Op	en Flow	0	MCF/d	Fir	nal Open Flow	Show	Bbl/d	
		n initial and final		N/A	Hours	0/104		
Static rock pre	ssure	N/A ps	sig surface press	sure after	24 Hours			
				Pay Zo	ne			
Second Produ	ucing Formatic	en		Depth (	ft)			
Gas: Initial Op	en Flow		MCF/d	Oil: Ini	tial Open Flow		Bb/d	
Final Op			MCF/d	Fin	al Open Flow		BbVd	
		initial and final t	tests		Hours			
Static rock pre		ps	ig surface press	ure after	Hours		Office RECEIVE	_
NOTE: ON BAC	K OF THIS FOR	M PUT THE FOLL	OWING: 1.) DET	AILS OF PERF	RATED INTERVAL	S FRACTURE	Office of Oil and	4 ^-
STIMULATING,	PHYSICAL CHA	NGE, ETC. 2.) TI	HE WELL LÓG WI	HICH IS SYSTE	MATIC DETAILED	GEOLOGICAL F	RECORD OF	<sup>1</sup> Ga
ALL FURNIATIO	ANS, INCLUDING	COAL ENCOUNT	ERED BY THE W	ELLBORE.			IG OR Office of Oil and RECORD 95 T 15 20	124
							WAYE	
			For:	Linn Operati	ng, Inc.		Environmental Prote	Of
			<b>5</b>	202				actiO
			By:	4/1/2			484	
			Date:	11.	12-07		OFFICE AL	
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							11/01/2024	1
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Well#

Rogers #2103 47-033-04864

#### Details Of Perforated Intervals, Fracturing or Stimulating Physical Change Etc.

1	Benson/Riley	4323-4480 32 shots	75Q Foam: Breatdown 3045 psi;Avg Treating 3540 psi @ 24 bpm; 253 sks 30/50 sand; 312145 scf N2 , ISIP 2170 psi; 5 min Si: 1830 psi
2	1st Riley	3783-3799 16 shots	75Q Foam: Breakdown 3300 psi;Avg Treating 3320 psi 25 bpm, 166 sks 30/50 sand; 207379 scf N2 ; ISIP 3220 psi
3	Lower Balltown	3319-3350 24 shots	75Q Foam: Breakdown 3900 pai/Avg Treating 2480 pai @ 29 bpm; 200 sks 30/50 sand; 230131 scf N2 ; ISIP 1345 pai; 5 min SI: 1282 pai
4	Balltown	2993-3133 21 shots	75Q Foam: Breakdown 3430 psi;Avg Treating 3205 psi @ 24 bpm, 162 sks 30/50 sand; 212760 scf N2 ; ISIP 2070 psi; 5 min St 1826 psi
5	5th Sand	2392-2402 21 shots	75Q Foam: Breekdown 2880 psi;Avg Treating 2910 psi 25 bpm; 109 sts 30/50 sand; 160415 sof N2 ; ISIP 1815 psi; 5 min Si: 1596 psi
6	Lower Gordon	2244-2286 44 shots	750 Foam: Breakdown 3341 psi;Avg Treating 3550 psi @ 23 bpm; 81 sks 30/50 send; 180477 scf N2 ; ISIP 2830 psi

Formation color hard or soft	Top Fee Bott	om Feet	Remarks	
AN	0	10	H2O @ 10*	
river rock	10	30		
shale	30	100		
RR	100	150	H2O @ 120°	
shale	150	205	•	
RR	205	330		
sand/shale	330	414		
coal	414	418		
sand/shale	418	546	H2O @ 425	
coal	546	550		
send/shale	550	618		
coal	616	624		
sand/shale	624	856		
coal	856	861		
sand/shale	<b>8</b> 61	1170		
RR	1170	1240		
Sand/shele	1240	1340		
big Kme	1340	1385		
tand/shale	1365	1405		
big injun	1405	1425		
sand/shale	1425	1510		
squaw	1510	1538		
sand/shale	1538	1635		
welf	1635	1665		RECEIVED Office of Oil and Gas
sand/shale	1665	1970		Office of Oil and Gas
50'	1970	1990		
30'	1990	2060		OCT 15 2024
gordon	2060	2130		
4th sand	2130	2325	gas check @ 2312; no show	WV Department of Environmental Protection
5th sand	2325	2430		Environmental Protection
speechly	2430	2840		· Totaction
balltown	2840	3300		
	3300	3455		
bradford	3455	3615		
benson	3615	4475		

WW-4A Revised 6-07

1)	Date:	SEPTEMBER 24, 2024	
2)	Operator's We	ll Number	
		ROGERS 2103	

3) API Well No.: 47 -

04864

#### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4)	Surface Own (a) Name	er(s) to be served: HARRISON COUNTY COAL	5) (a) Coal Operator Name	WEST VIRGINIA LAND RESOURCES INC.	
	Address	1 BRIDGE STREET	Address	1 BRIDGE STREET	
		MONONGAH, WV 26554		MONONGAH, WV 26554	
	(b) Name		(b) Coal Owr	ner(s) with Declaration	
	Address		Name		
			Address		
	(c) Name		Name		
	Address		Address		
6) ]	Inspector	KENNY WILLETT	(c) Coal Less	ee with Declaration	
	Address	2393 TALLMANSVILLE RD.	Name		
		BUCKHANNON, WV 26201	Address		
	Telephone				

#### TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6 Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief

~~~~	OFFICIAL SEAL
Con Marie	NOTARY PUBLIC
Black B	STATE OF WEST VIRGINIA
	Aeron Petermen
	\$18 Camp Hill Road Elizabeth WV 26143
~~~~	My Commission Expires May 11, 2027

Its:

Telephone

Well Operator WEST VIRGINIA LAND RESOURCES INC.

DAVID RODDY

PROJECT ENGINEER

1 BRIDGE STREET

MONONGAH, WV 26554

RECEIVED Office of Oil and Gas

(304) 534-4748

WV Department of **Environmental Protection** 

Subscribed and sworn before me this 25

My Commission Expires

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

#### SURFACE OWNER WAIVER

Operator's Well Number



#### INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

## NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas Department of Environmental Protection  $601~57^{\rm th}$  St. SE Charleston, WV 25304 (304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) 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.

<u>Comments must be in writing.</u> Your comments must 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.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

**VOLUNTARY STATEMENT OF NO OBJECTION** 

WV Department of

I hereby state that I have read the instructions to surface owners and that I have received the instructions and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION.

ETC

Date 10/1

Nam

By

Its

·D:

Signature

11/01/2024

API No.	47-033-04864	
Farm Name	ROGERS	
Well No.	ROGERS 2103	

## INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

<b>'</b>	VAIVER
has examined this proposed plugging work order. T	r / lessee / of the coal under this well location the undersigned has no objection to the work proposed to be has complied with all applicable requirements of the West
Date: 9/25/24	By: I a land

RECEIVED
Office of Oil and Gas

OCT 15 2024

WV Department of Environmental Protection

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name WEST VIRGINIA LAND RESOURCES INC. OP Code
Watershed (HUC 10) JONES CREEK OF WEST FORK RIVER Quadrangle WALLACE WV
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
Will a pit be used? Yes No V
If so, please describe anticipated pit waste:
If so, please describe anticipated pit waste:  Will a synthetic liner be used in the pit? Yes No If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:
Land Application (if selected provide a completed form WW-9-GPP)
Underground Injection (UIC Permit Number)  Reuse (at API Number)
Off Site Disposal (Supply form W W-9 for disposal location)  Other (Explain Tanks, see attached letter
Will closed loop system be used? If so, describe: Yes. Gel circulated from tank thru well bore and returned to tank
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Gelor Cement
-If oil based, what type? Synthetic, petroleum, etc
Additives to be used in drilling medium? Bentonite, Bicarbonate of Soda
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Shaker cutting buried on site.
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A
-Landfill or offsite name/permit number? N/A
Permittee shall provide written notice to the Office of Oil and Cas 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 April 1, 2016, by the Office of Oil and Cas 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  RECEIVED  Office of Oil and Gas
Company Official (Typed Name) David Roddy 0CT 15 2024
Company Official Title Project Engineer Wy Department of Environmental Protection
Subscribed and sworn before me this 25 ± day of Struck , 20 24  Notary Public OFFICIAL SEAL MOTARY PUBLIC NOTARY PUBLIC
STATE OF WORLD VICEN

			ell No
Proposed Revegetation Treatment:	Acres Disturbed 1	Preveg etation pH	
Lime 3	Fons/acre or to correct to p	oH 6.0	
Fertilizer type 10-20-20			
Fertilizer amount 500		lbs/acre	
Mulch_2	Ton	is/acre	
	<u>S</u> 6	eed Mixtures	
Tempora	ry	Perman	ent
Seed Type	lbs/acre	Seed Type	lbs/acre
See Attachment	100	See Attachment	100
Photocopied section of involved 7.5			
Plan Approved by: Kg W	Lett.		
			RECEIVED Office of Oil and Co.
			Office of Oil and Ga
ille: Inspector		Date: /0/3/24	RECEIVED Office of Oil and Ga  OCT 1 5 2024  WV Department of Environmental Protection

NOTICE TO CONSUMERS

"Hator Arterian Conductor American required
by some at estator. Under the send lever of several
and its, militation, medicion, ar concident to and its, militation, medicine, se conclusion is inquimention as a prosequible to mentacing a logal 
action based upon the third of sead, to which this notice is attented, to produce as appresent of. The consume that the a complant powers for AR. FL, (M, MS, EC, TX, WA, signed only CA, LD, ND, EO) along with the sequired thing he fest are applicable with the Contrictation and pre-considerately of Agriculture, Sead Commissions (PA), or Chief Agriculture, Sead Commissions (PA), or Chief Agricultured Colour within such time as an permit supercolour of the cope, plants, or trace by the designated approxy and the seadonness from whom due to deal was purchased. A copy of the complaint shall be weak to the seller by carefeld or regard and mad or to otherwise provided by state status."

NOTICE TO BUYER WE WARRANT THAT SEED WE SELL WILL CONFORM TO THE LUBBL CESCRAPTION REQUIRED UNCER STATE AND RECERVAL LAWS. WITHIN RECOGNIZED TOLDRANCES. WE MAKE NO PARAMETERS EDPRESSED OF THE MAKE NO PARAMETERS FOR PARAMETERS OF THE SERVING SUCH THE LUBBLITY FOR BEFACHOF DAY WARRANTON CONTRACT WITHIN RESECT TO SUCH ESCRIPTIONS AND MAKE YEART OF A CONTRACT WITHIN RESECT TO SUCH ESCRIPTIONS OF THE PARAMETERS OF SUCH SEFORE PARCE OF SUCH SEFORE PHICE OF SUCH SEEDS

NIXTURE-COASTAL S LOT NO 741889 CROP 58	SEEO 2015 NET UT 50 INERT: 1 56 NEEO 5660	26		MAIONA	
KIND ANDLA RYEGRASS ORGERIDGASS CONTING PRICEITAL PERCHAIRL RYEGRASS CLOUD HATERIAL LINDITY BIRDS OOT TREFOIL CONTING MATERIAL LEDIND CLOUPR CONTING MATERIAL CONTING MATERIAL	VARIETY MAGAIN POTOMAC LIAN NOT STATED CLIMAX NOT STATED SEMINULE	20	ORGE CHANGE	PURE 000 000 000 000 000 000 000 000 000 0	0080 11/1/1066 0080 11/1/1066 0080 11/1/1066 0080 11/1/1066 0080 11/1/1066 0080 11/1/1066

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OCT 15 2024

WV Department of Environmental Protection

Sm

Consolidation Coal Company Northern West Virginia Operations 1 Bridge Street Monongab, WV 26554

phin 304-534-4748 fax: 304-534-4739

e mahe rounieharsh@consolenergy.com

www.coalsource.com

\*Name: RONNIE HARSH \*title: Project Engineer

April. 7, 2014

Department of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304-2345 Phone: (304) 926-0499 Fax: (304) 926-0452

#### To Whom It May Concern:

As per the Department of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company, Northern West Virginia Operations, submits the following procedures utilizing pit waste.

Upon submitting a well work application (without general permit for Oil and Gas Pit Waste Discharge Application), Consolidation Coal Company, Northern West Virginia Operations, will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP impoundment facilities number U-78-83, U-104-83, or U-1011-93.

Sincerely,

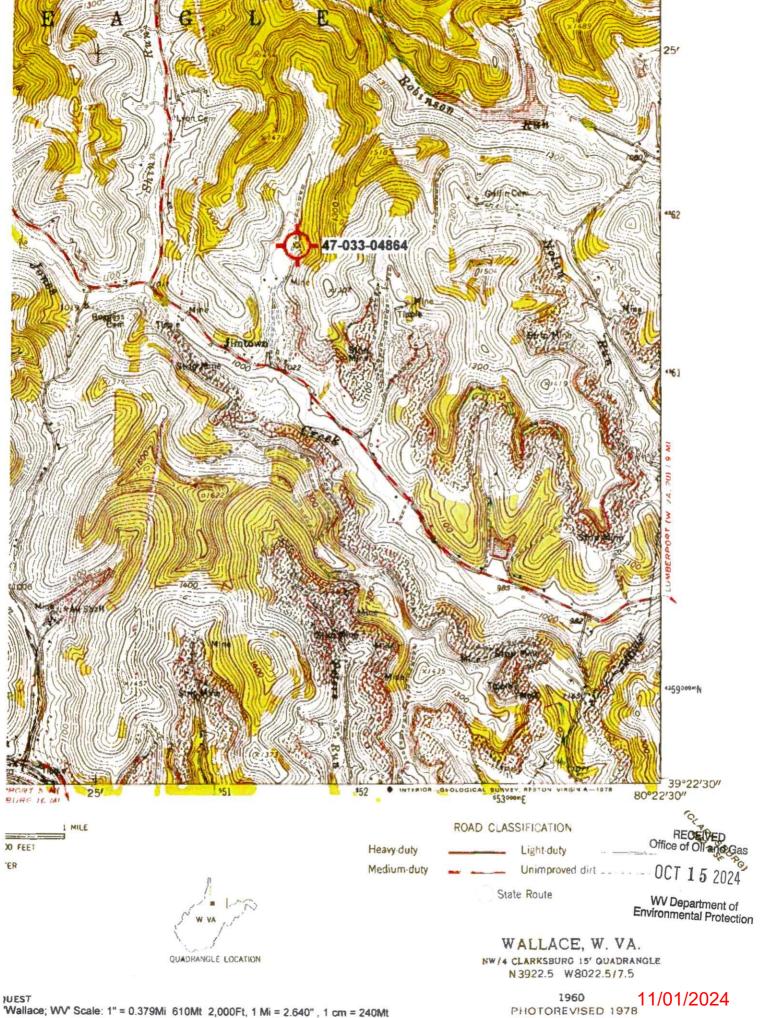
Ronnie Harsh Project Engineer

Roma Wand

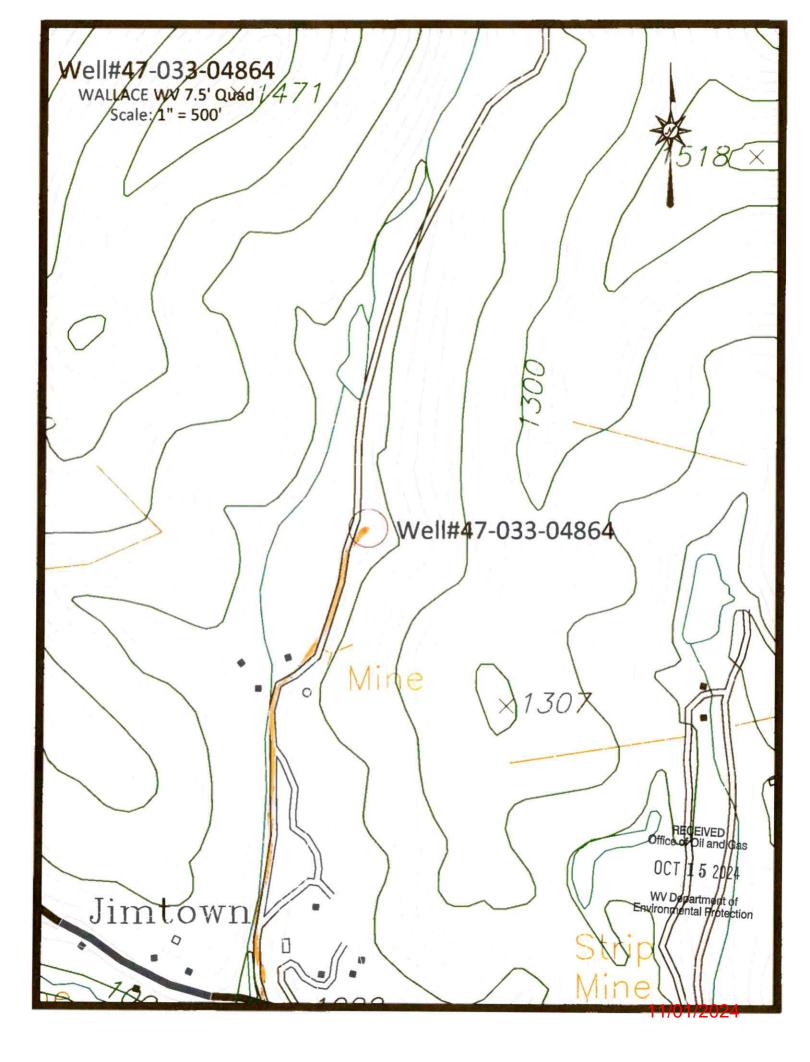
RECEIVED
Office of Oil and Gas

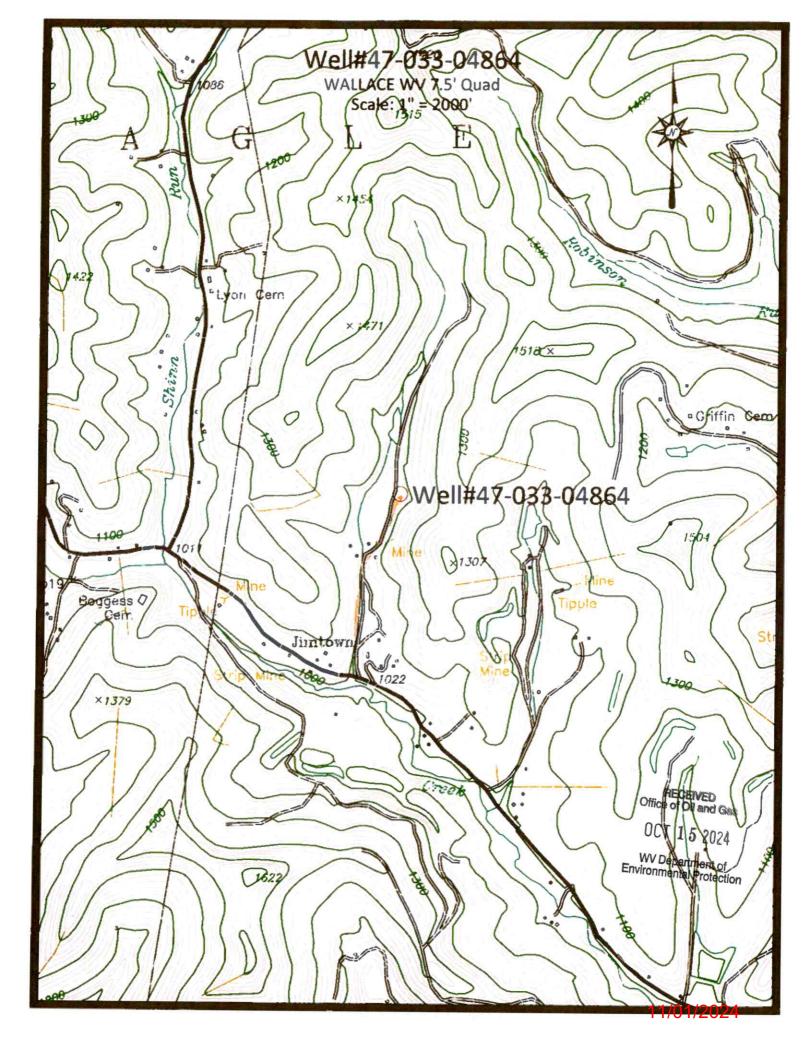
OCT 15 2024

WV Department of Environmental Protection



"Wallace; WV" Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640", 1 cm = 240Mt







### West Virginia Department of Environmental Protection Office of Oil and Gas

#### WELL LOCATION FORM: GPS

	, OILLEOI	I OILLII GI D	
API: 47-033-048	64	WELL NO.:	ROGERS 2103
FARM NAME: ROGE	ERS		
RESPONSIBLE PARTY NAME:		GINIA LAND RE	SOURCES INC.
COUNTY: HARRISON	(	DISTRICT: EA	AGLE
QUADRANGLE: WALLAC			
SURFACE OWNER: HARRI	SON CC	OUNTY COA	\L
ROYALTY OWNER:			
UTM GPS NORTHING: 4,36	1,977 m		
UTM GPS EASTING: 551,	516 m	GPS ELEVATI	<sub>ION:</sub> 325 m
preparing a new well location plat for above well. The Office of Oil and Gothe following requirements:  1. Datum: NAD 1983, Zone height above mean sea le  2. Accuracy to Datum – 3.0  3. Data Collection Method: Survey grade GPS _ X _: Post Pro	as will not access to the second of the seco	cept GPS coordinate coordinate Units: me neters.	s that do not meet
	ime Differenti		OCT 15 2
Mapping Grade GPS: Post	Processed Di	fferential	W/ D-
Rea	I-Time Differe	ential	Environmental Pro
4. Letter size copy of the to the undersigned, hereby certify this belief and shows all the information of prescribed by the Office of Oil and O	data is correc required by la	t to the best of my k	nowledge and
13. Le	PS 2002	?	SEPTEMBER 24, 2024
Signature	Т	itle	Date



#### Kennedy, James P < james.p.kennedy@wv.gov>

#### Plugging permits issued 4703303184 04864

1 message

**Kennedy, James P** <james.p.kennedy@wv.gov>
To: Kenny S Willett <kenny.s.willett@wv.gov>, "Roddy, David" <DavidRoddy@acnrinc.com>, rromano2@harrisoncountywv.com

Mon, Oct 21, 2024 at 12:55 PM

To whom it may concern, plugging permits have been issued for 4703303184 04864.

James Kennedy

WVDEP OOG

#### 2 attachments



**4703304864.pdf** 2876K



**4703303184.pdf** 4240K