

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

Wednesday, June 7, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

BLUE GROUP OPERATING, INC. POST OFFICE BOX 68

SPENCER, WV 25276

Re: Permit approval for LOWERY HRS. 1

47-039-05036-00-00

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: LOWERY HRS. 1

Farm Name: LOWERY, REBECCA

U.S. WELL NUMBER: 47-039-05036-00-00

Vertical Plugging Date Issued: 6/7/2023

Promoting a healthy environment.

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. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 1. 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.
- 2. Well work activities shall not constitute a hazard to the safety of persons.
- 3. 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	9 04/17			, 20 23	
2)Ope:	rator	's		5 = = = = = = = = = = = = = = = = = = =	
Wel:	l No.	Rebecca	a Lowery Hr	s. #1	
3)API	Well	No.	47-039	- 05036	

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4)		id injection/ Waste disposal/
	(If "Gas, Production x or U	Inderground storage) Deep/ Shallowx
5)	Location: Elevation 620'	Watershed Elk River
·	District Clendenin	County Kanawha Quadrangle Clendenin
61	Well Operator Blue Group Operating,Inc	7) Designated Agent Robert A. Richards
0)	Address PO Box 68	Address PO Box 68
	Spencer, WV 25276	Spencer, WV 25276
8)	Oil and Gas Inspector to be notified Name Terry Urban	9) Plugging Contractor Name R&R Well Service (or others)
	Address PO Box 1207	Address
	Clendenin, WV 25045	
	Set cement \(\tag{\chi}\) to \(\lambda\) (salt sand a Set cement \(\frac{450}{10}\) to surface (fresh was Set monument with API \(\pi\)	and elevation plug) ater and surface plug) (& (4 CASING SEAT)(INCED)
	_	rmations including salt elvations, coals and t
	Operator to Carere Including 5 n 14, El	evations, Coal's Fresholder
		Office of Oil and Gas
		MAY 0 8 2023
Not wor	ification must be given to the district k can commence.	oil and gas inspector 24 hour Environmental Protection
Wor	k order approved by inspector Muli	Julle Date 4-24.23
MOT	a cider approved by inspector	

4703905036 P 29-Feb-96 API # 47- 39-05036 N

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: LOWERY, REBECCA

Operator Well No.: LOWERY HRS. #1

LOCATION:

Elevation: 620.00

Quadrangle: CLENDENIN

District: BIG SANDY County: KANAWHA
Latitude: 6950 Feet South of 38 Deg. 30Min. 0 Sec.
Longitude 9700 Feet West of 81 Deg. 20 Min. 0 Sec.

Company: 3R PIPELINE, INC.

P.O. BOX 311 SPENCER, WV 25276-0311

Agent: ROBERT C. RICHARDS

Inspector: CARLOS HIVELY 02/29/96 Permit Issued: Well work Commenced: Well work Completed: Verbal Plugging Verbal Flugging
Permission granted on:
Rig Rotary Cable X R
Total Depth (feet) 1735
Fresh water depths (ft)

850 Salt water depths (ft)

Is coal being mined in area (Y/N)? Coal Depths (ft):

C	asing	Used in	Left	
T	ubing	Drilling	in Well	Fill Up Cu. Ft.
S	ize			
	10	60	60	
	81/4	400	Pulled	
6	5_5/8	1358	1358	
	3/16		400	

OPEN FLOW DATA

Producing formation Pay zone depth (ft)__ Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Bbl/d Time of open flow between initial and final tests Hours Static rock Pressure psig (surface pressure) after Hours Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow

Time of open flow between initial and final tests Bbl/d Hours Static rock Pressure ____psig (sirface pressure) after ____Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: 3R PIPELINE, INC.

Robet Chickens By:

Date: February Office of Oil and Gas MAY 0 8 2023

WV Department of Environmental Protection 2 4703905036 1225 Salt Sand 690 850 4-Sound 1324 1225 " 1333 1324" 1342 1333 11 Pencil 1455 1342 " 1495 nimo Sand 1455 " 1467 1457 " 1692 late + Sandy hine 1495 Weir Sand 1735 S. late 17/4/13 1709 1702 1700 1710 callings 60 400 1. PULL 71581 · PULL 7.1581. 1930 Office of Oil and Gas MAY 0 8 2023 WV Department of Environmental Protection

STATE OF WEST VIRGINIA

OIL AND GAS DIVISION

4703905036

WELL RECORD

Oil or Gas Well.... Permit No. Company Silmen Oil Company Left in Well Casing and Tubing Used in Drilling Packers Address Clendenin, W. Va. Farm Lowery Heirs Acres Location (waters)_Elk Size Well No. # I Kind of Packer. District Big Sanday County Kanawha 60 60 The surface of tract is owned in fee by 400 Pulled Address 1358 **I358** Mineral rights are owned by..... Perf. top..... Drilling commenced..... Perf. bottom..... Drilling completed..... Liners Used. Perf. top Date shot......Depth of shot.... Perf. bottom..... Open Flow /10ths Water in _____Inch /10ths Merc. in.... Cu. Ft COAL WAS ENCOUNTERED AT GILLS FEET INCHES bbls., 1st 24 hrs. Oil... FEET INCHES FEET INCHES Fresh water feet feet FEET INCHES feet

Formation Cold	or Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
		0	690			
Salt Sand		690	1225.			
Nater			85Q	and the same and the same of t		
Siete		1225	1235			
Maxon Little Lime		1235 1285	1285 1318			
Slate		1318	1324			医维生性
ime		1324	1333		Office o	CEIVED Oil and Gas
Pencil		1333	1342			Oll and Gas
Big Lime		I342	I455		MAY	8 2023
Injun		I455	I495		W/h	1. 15/45 0
388		I457	I467	a Access insulatives in the visit to the contract of	Environment	rtment of
Broken		I495	IGI2		IZE	Frotection
Sandy Lime		I6I2	I684			
and Gas			I619	Gas in Li	1 01-77	in an
3rd Gas			I64C I65E	Ges in hi	ne onell	
4hh Gass 5th Gas			167E	THE INCH	CS. A. C. A. C. A.	
Shells & Slate		1624	I692	and the state of t	attern entatelies de sons sons	
Weir Sand		I692	1714		tal day name tal made in the m	
Pay		1702	1709	On, Gas	district of	dia aba
Slete		1714	173E	ur V/atei	Trost.	
Shot		1700	I7IC			
Total Depth E	vidently		1735			
		uctor I6 f				

05036

WW-4A Revised 6-07

1) Date:	04/17/2023	
2) Operator	s Well Number	
Rebecca Lowery H		

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

3) API Well No.: 47 -

4)	Surface Own (a) Name	er(s) to be served: Clendenin Pentecostal Church	5) (a) Coal Operator Name	NA
	Address	7602 Elk River Road	Address	
		Clendenin, WV 25045		
	(b) Name		(b) Coal Own	ner(s) with Declaration
	Address		Name	NA
			Address	
	(c) Name		Name	
	Address		Address	
3)]	Inspector	Terry Urban	(c) Coal Less	see with Declaration
•	Address	PO Box 1207	Name	NA
		Clendenin, WV 25045	Address	
	Telephone	304-549-5914		

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.

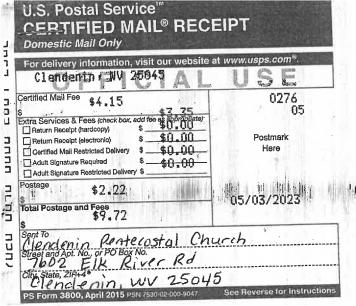
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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.

Well Operator	Blue Group Operating, Inc
OFFICIAL SEAL NOTARY PUBLIC B:	Robert A Richards
# #3/ MMR SICALE DE WEST VIDORILA THE	president
Misti D Tolley-Carpenter A Idress	PO Box 68
0 20,04	Spencer, WV 25276
My Commission Expires April 30, 2027 lephone	304-927-3193
10 th	ay of April 2023 Notary Public Environmental Protection

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 deprivacyoffier@wv.gov.

\$9.72



UNITED STATES
POSTAL SERVICE.

SPENCER 110 MAIN ST SPENCER, WV 25276-9998 (800)275-8777

Product Oty Unit Price

First-Class Mail® 1 \$2.22

First-Class Mail® 1 Large Envelope Clendenin, WV 25045 Weight: 0 lb 4.20 cz Estimated Delivery Date Fri 05/05/2023 Certified Mail® ,

Total

ertified Mail® , \$4,15 Tracking #: - 70200090000028092502

Return Receipt \$3.35 Tracking #: 9590 9402 7780 2152 7750 61

Grand Total: \$9.72

Credit Card Remit : \$9.72 Card Name: AMBX Account #: XXXXXXXXXXXXXXXX

Account #: XXXXXXXXXXXXXX1015 Approval #: 809756 Transaction #: 724 AID: A000000025010801 Chip AL: AMERICAN EXPRESS PIN: Not Required

Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message and Data rates may apply. You may also visit www.usps.com USPS Tracking or call 1-800-222-1811.

Preview your Mail Track your Packages Sign up for FREE @ https://informeddelivery.usps.com

All sales final on stamps and postage. Refunds for guaranteed services only. Thank you for your business.

Tell us about your experience.
Go to: https://postalexperience.com/Posor scan this code with your mobile device,



UFN: 557656~0276

Receipt #: 840-52500278-1-4690134-2

Clerk: 05

RECEIVED
Office of Oil and Gas

MAY 0 8 2023

WV Department of Environmental Protection

4703905036

SURFACE OWNER WAIVER

Operator's Well Number

Rebecca Lowery Hrs. #1 039-65036

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 57th 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

Comments must be in writing. 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 RECEIVED
Office of Oil and Gas grounds:

- The proposed well work will constitute a hazard to the safety of persons. 1)
- The soil erosion and sediment control plan is not adequate or effective;
- Damage would occur to publicly owned lands or resources;

The proposed well work fails to protect fresh water sources or supplies; $E_{n_{V_{ij}}} V_{D_{e_{D_{a_i}}}} V_{D_{e_{D_{a_i}}}}$ 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 reviewing 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

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice 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 ob	jection to the	planned work	described in these	materials, and I have no
objection to a permit being issued on thos	e materials.			
FOR EXECUTION BY A NATURAL PER	RSON		FOR EXECUTION	ON BY A CORPORATION,
ETC.				
	D /	3.7		
	Date	Name _		
Signature		By _		
		Its		Date

	44	0	V	0	J	U	0	U	0	DY	
API No.	47-0	03	9-	05	503	36					
D NT											

ATTINO.	
Farm Name	
Well No.	Rebecca Lowery Hrs. #1

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.

	WAIVER		
The undersigned coal operator/ own has examined this proposed plugging work order. done at this location, provided, the well operator Virginia Code and the governing regulations.	The undersigned ha	as no objection to the	e work proposed to be
Date:	Ву:		
	Its		
	MA	Enviror	Office of Oil and Gas MAY 0 8 2023 V Department of Immental Protection

4703905036P

API Number 47 - 039 05036

Operator's Well No. Rehecce Lower #1

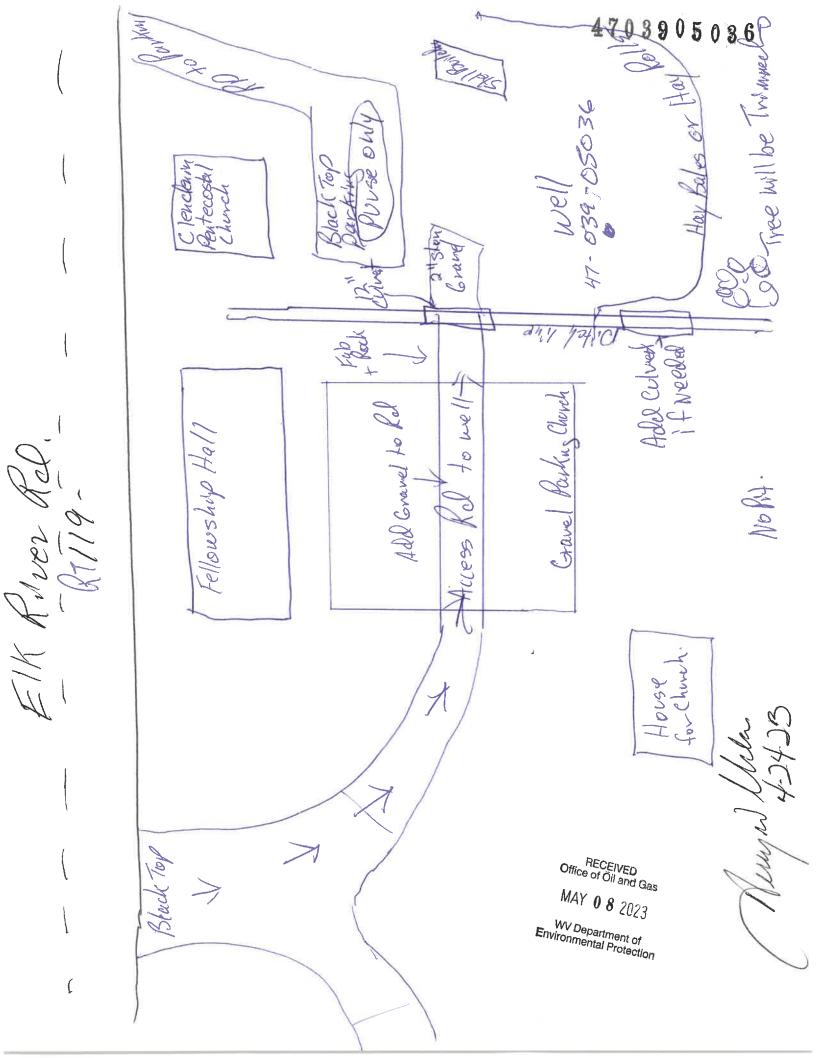
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

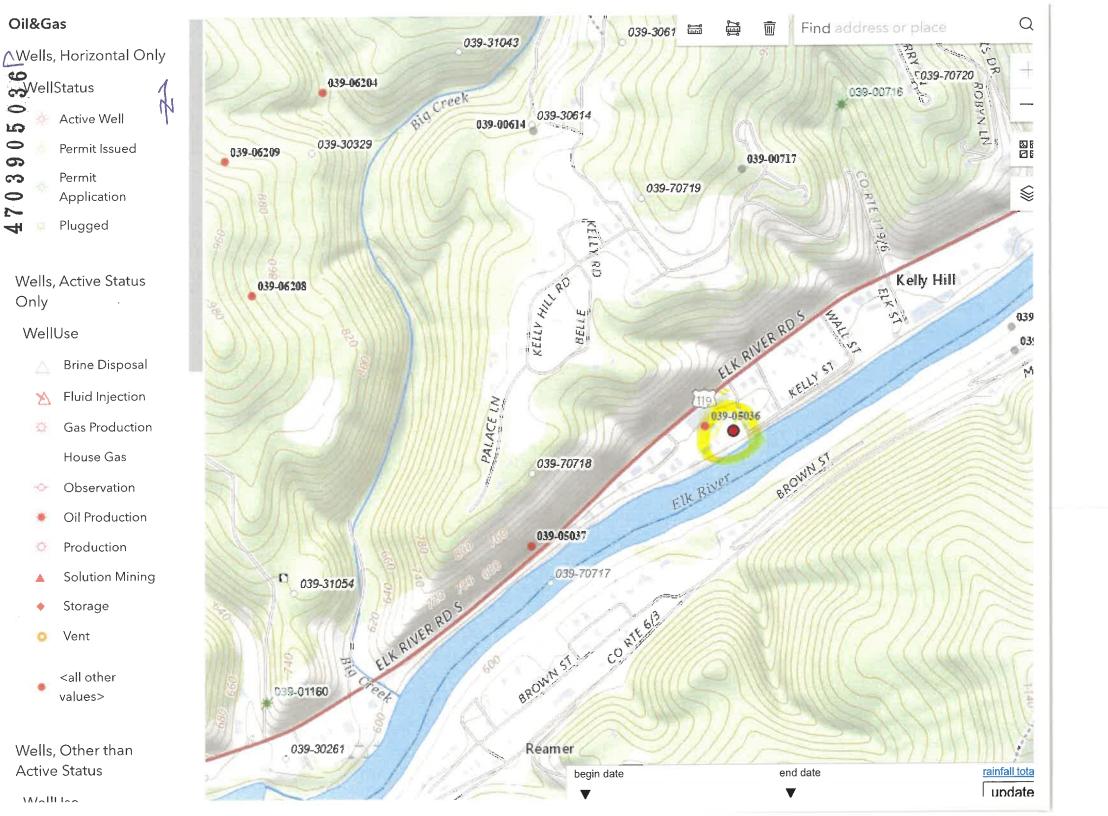
Operator Name Blue Group Operating, Inc OP Code 494503543	<u></u>
Watershed (HUC 10) Elk River Quadrangle Clendenin	
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No	
Will a pit be used? Yes No	
If so, please describe anticipated pit waste:	<u>. </u>
Will 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 WW 9 for disposal location))
Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain contained in tanks, dispersal done properly off site DISPOSED OF PROPE	irly,
	9.NM
Will closed loop systembe used? If so, describe:	
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.	
-If oil based, what type? Synthetic, petroleum, etc	
Additives to be used in drilling medium?	
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc	
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)	
-Landfill or offsite name/permit number?	
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also diwhere it was properly disposed.	
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERM on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other approximation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submit application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for the information, I believe that the information is true, accurate and complete. I am aware that there are significant proposed submitting false information, including the possibility of the or imprisonment. Company Official Signature Company Official Title Company Official Title	and that the blicable law ted on this or obtaining
Subscribed and sworn before me this 19th day of April , 2033	•
Musti O July- Carpenter Metary Public OFFICIAL SEAL	\neg
My commission expires April 30,2027 NOTARY PUBLIC STATE OF WEST VIRGIN Misti D Tolley-Carpen PO Box 94 Spencer, WY 25276 My Commission F. WY 25276	IA ter

Field Reviewed?

Proposed Revegetation Treatment: Acres Disturbed _____ Preveg etation pH _____ Tons/acre or to correct to pH 6.5 Fertilizer type ___ Fertilizer amount 2 tons lbs/acre Mulch Tons/acre **Seed Mixtures** Temporary Permanent Seed Type lbs/acre Seed Type lbs/acre as requested by landowner as requested by landowner 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, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area. Photocopied section of involved 7.5' topographic sheet. location in church yard will be reclaimed to landowners specs WV Department of Environmental Protection Inspecte ale Cins Date: 42423







Oil&Gas

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WellUse

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14/0111100



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-039-05036	WELL NO.:	#1
FARM NAME: Rebecca Lowery Hrs.		
RESPONSIBLE PARTY NAME: Robert A Richards		
COUNTY: Kanawha	DISTRICT:	*
QUADRANGLE: Clendenin		
SURFACE OWNER: Clendenin Pentecostal Church		
ROYALTY OWNER: LOWERY 1115.		
UTM GPS NORTHING: 4680	59234	
UTM GPS EASTING: 4680	GPS ELEVA	TION: 620'
The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements: 1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters. 2. Accuracy to Datum – 3.05 meters 3. Data Collection Method: Survey grade GPS: Post Processed Differential		
	Time Differential	Office RECEIVED MAY 0 8 C
	ost Processed Differential	0 20-
"Inental " all ment		
4. Letter size copy of the topography map showing the well location. I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.		
Signature	Title	4/17/2B Date

Mr McLaughlin,

Please find a request for a plugging permit in the packet.

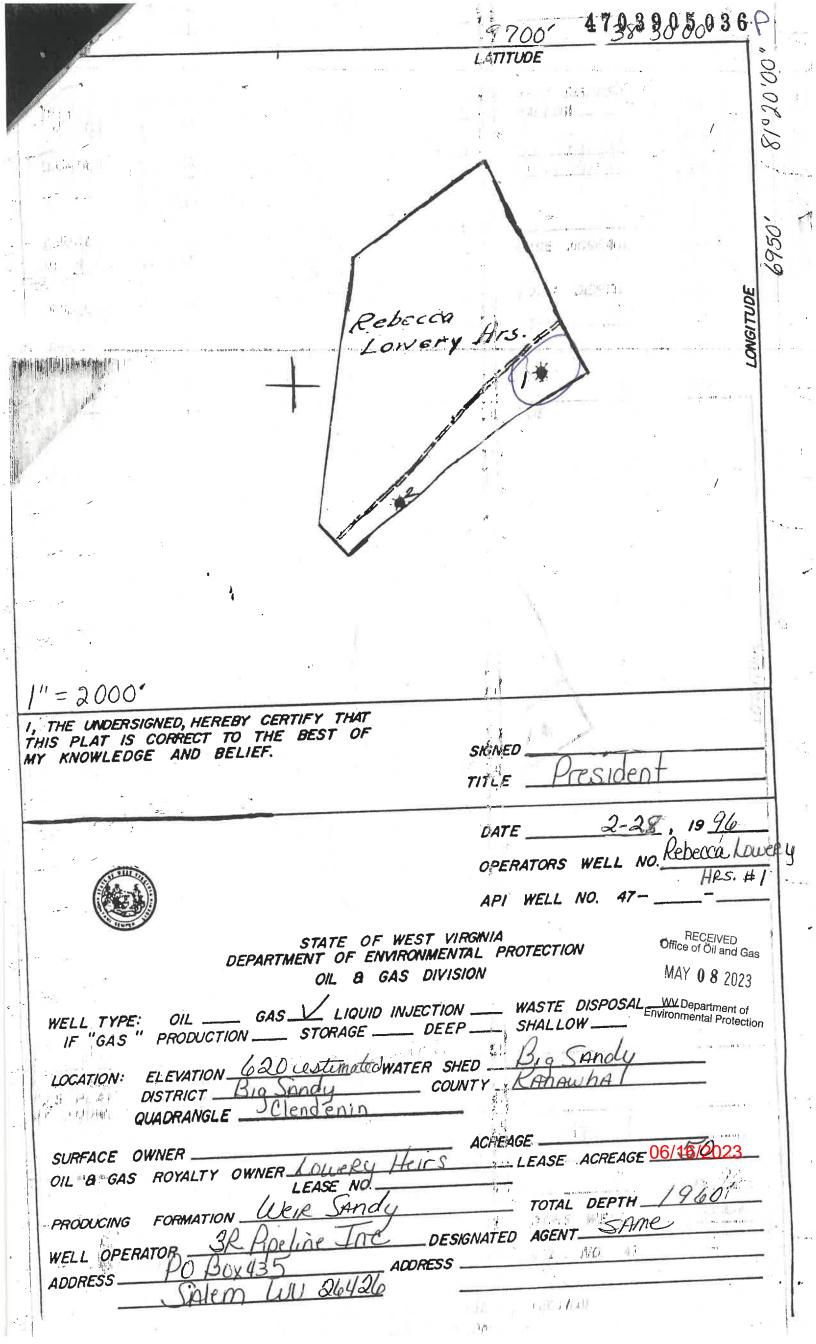
I con be contacted at 304-951-0763 if you have any questions or if something is missing.

Bob Richards
Blue Group Energy
PO Box 68
Spencer W 25276
blue group a frontier. COM
304 951-0763 (cell)
304-927-3693 (office)

Office of Oil and Gas

MAY 0 8 2023

WV Department of Environmental Protection





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

Fwd: Message from KM_C450i

1 message

McLaughlin, Jeffrey W <jeffrey.w.mclaughlin@wv.gov> Wed, Jun 7, 2023 at 11:40 AM To: bluegroupenergy@frontier.com, Terry W Urban terry.w.urban@wv.gov, James P Kennedy james.p.kennedy@wv.gov, sallierobinson@kanawha.us

To All:

Please find attached the newly issued plugging permit for the Lowery Heirs 1 (API No. 47-039-05036).

Regards,

Jeff McLaughlin, Technical Analyst WV DEP, Office of Oil and Gas

----- Forwarded message ------From: <Copy.Center.2064@wv.gov> Date: Wed, Jun 7, 2023 at 11:29 AM Subject: Message from KM_C450i To: <jeffrey.w.mclaughlin@wv.gov>

SKM_C450i23060711300.pdf 1962K