

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

Tuesday, March 29, 2022 WELL WORK PLUGGING PERMIT Coal Bed Methane Well Plugging

MONUMENT OIL & GAS, LLC 929 CHARLESTON RD.

SPENCER, WV 25276

Re: Permit approval for 5A1 47-051-01085-00-00

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: 5A1 Farm Name: NEELY, LARRY U.S. WELL NUMBER: 47-051-01085-00-00 Coal Bed Methane Well Plugging Date Issued: 3/29/2022

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

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.

WW-41 Rev.	B 2/01	1) Date Feb 28 , 20 22 2) Operator's Well No. 5A1 3) API Well No. 47-51 - 1085
	DEPARTMENT OF ENVIR	ST VIRGINIA CONMENTAL PROTECTION OIL AND GAS
	APPLICATION FOR A PERM	IIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas X/ Liquid (If "Gas, Production X or Und	d injection/ Waste disposal/ derground storage) Deep/ ShallowX
5)	Location: Elevation 1364	Watershed Tributary Upper Bowman Run
.,	District Meade	County Marshall Quadrangle Camerson
6)	Well Operator Monument Oil & Gas LLC	7)Designated Agent
- /	Address 929 Charleston Rd.	Address
	Spencer, WV 25276	
8)	Oil and Gas Inspector to be notified	9)Plugging Contractor
	Name Gazne Knitosuki	Name Contractor Services Inc. of WV
	Address P.O Box 108	Address 929 Charleston Road
	3 24 - 546 - 8171	Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows: See Attached.

No Well records available.

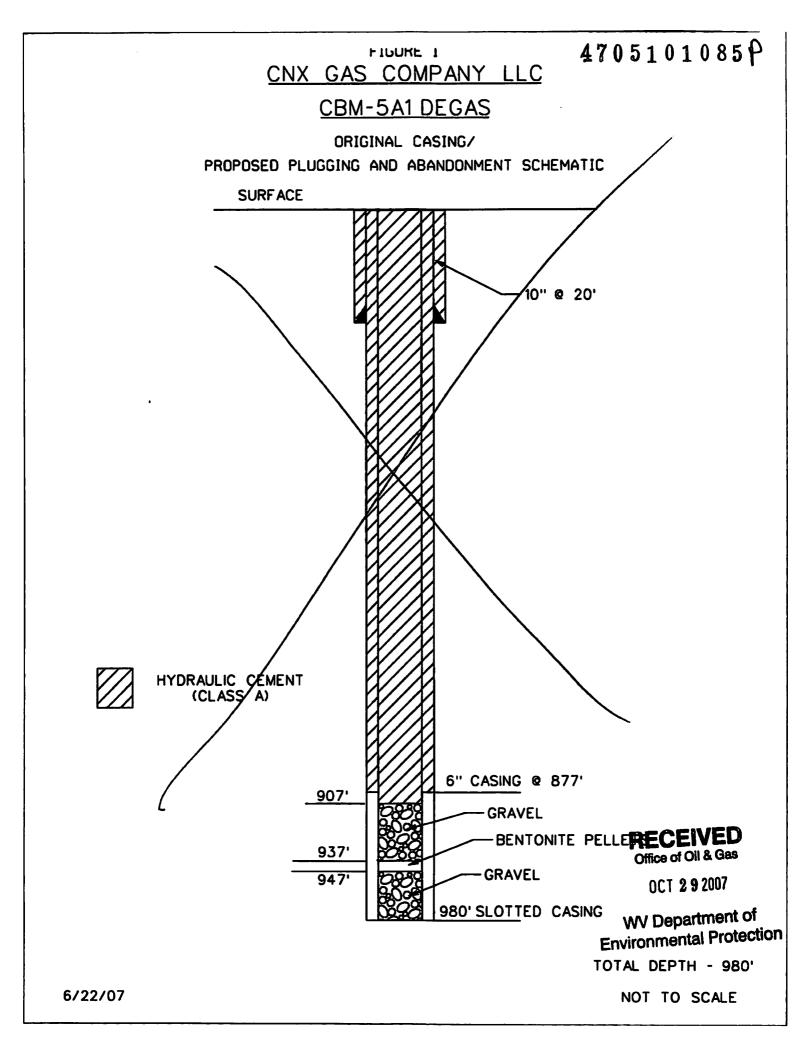
STRONG POSSIBILITY THIS IS A GOBWELL AND THE SCHEMATIC IS ACCURATE. IF SO, GRAVEL, BENTONITE PELLETS AND GRAVEL MAY BE USED AS BOTTOM HOLE PLUG. July

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector _	Digitally signed by Gayne Knitowski Date: 2022.03.01.08.31.47-05'00'	Date	3-1-2022	

٦

Well: County: API#	5A1 Marshall 047-051-01085 Plug and Abandon Well	GOB WELL	
Well Desi	gn:		
Procedure	Notify WV DEP 48 hours prior to commencement of operations.		
	Setup containment and necessary ECD's Move in Rig up Equipment Pull tubing if present Dump pea gravel or set CIBP Trip in hole with tubing, set Cement Plug TD to surface, TOOH Install monument, rig down move off Remove containment and unneeded ECD's		
		GJK 3-1-2022	



)		47051010856
	FORM W	VW-5B (8/1998) Page 1 of 4 51-0/085C
	D	<u>STATE OF WEST VIRGINIA</u> EPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS COALBED METHANE PERMIT APPLICATION
	1) Well C	Operator: <u>CNX Gas Company LLC</u> 2) Well Name <u>Well No 5A1</u> 51 - 5 - 370
	3) Operat	tor's Well Number <u>5A1</u> 4) Elevation <u>1364.13'</u>
	5) Well T	Type: (a) Oil / or Gas/ (b) If Gas: Production/ Underground Storage/ CBMX_/ Deep/ ShallowX/
	6) Propos	sed Target Formation(s):Pittsburgh Coal Seam Mine Methane
		sed Total Depth:
		ximate Fresh water Strata Depths: <u>Not Known</u> UCT 2 9 2007 ximate Salt Water Depths: <u>Not Known</u>
	9) Appro 10)	Approximate Coal Seam Depths: <u>1062.95</u> ' WV Department of Environmental Protection
	11)	Does Land Contain Coal Seams Tributary to Active Mines? Yes X / No //
	12)	(a) Proposed Well Work: <u>Convert an existing ventilation borehole (Well No. 5A1) to</u> a producing CBM Gob well.
	(b)	If Stimulation Proposed, Describe Means to be Used to Stimulate Well:
	13)	(a) Does the proposed operation plan to convert an existing well (as defined in W. Va. Code § 22-6-1) or a vertical ventilation hole to a coalbed methane well? Yes X / No/
		(b) If yes, please attach to this Application a list of all formations from which production is anticipated and a description of any plans to plug any portion of the well. (See Attachment 13b).
	14)	(a) Will the proposed coalbed methane well be completed in some but not all coal seams for production (except for a gob well or vent hole proposed to be converted to a well)? Yes/ No/ N/A
	(b)	If yes, please attach to this Application a plan and design for the well which will protect all workable coal seams which will be penetrated by the well.
	15)	(a) Does the proposed operation include horizontal drilling of a well commenced on the surface? Yes/ No X /
	(b)	If yes, please attach to this Application a description of such operations, including both the vertical and horizontal alignment and extent of the well from the surface to total depth.
	+11330	ju ju

Jþ

4705101085P 5+01085C

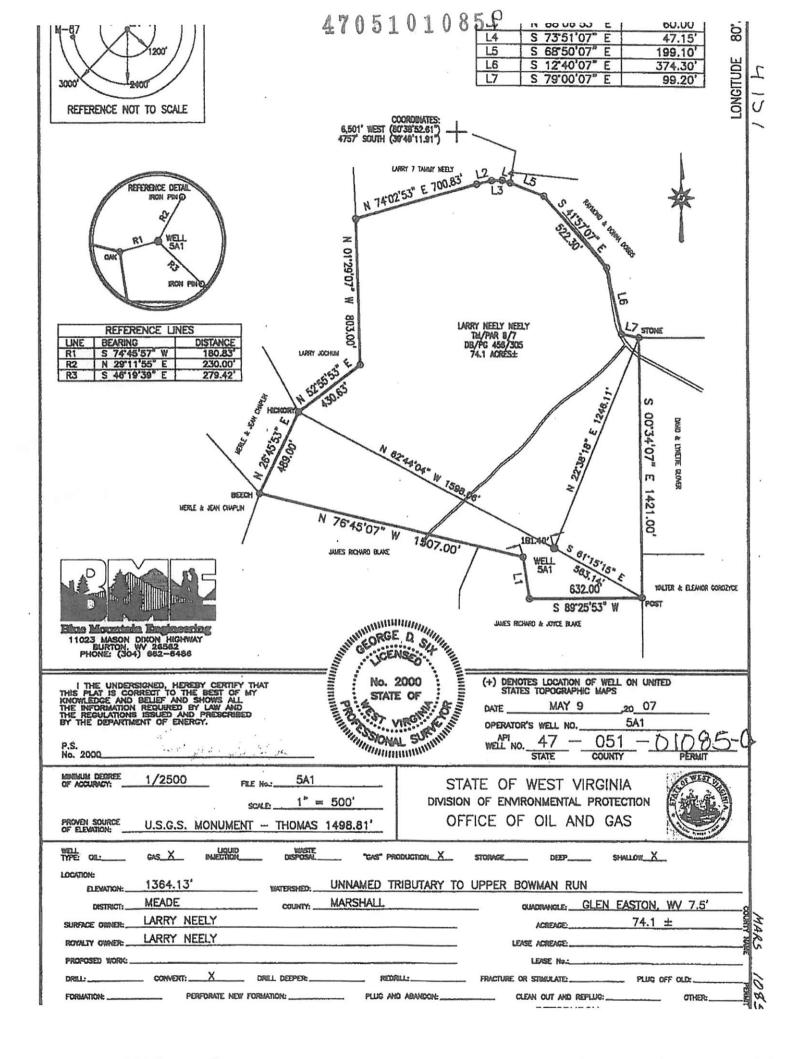
Attachment 13 (b)

Production will be from the Pittsburgh Coal Seam.



OCT 292007

WV Department of Environmental Protection



WW-4A Revised 6-07			5A1	weil No.: 47 - 051 - 001085
			WEST VIRGI	
	DEF	PARTMENT OF ENVIRONMENTA NOTICE OF APPLICATION		
4)	Surface Owne (a) Name	er(s) to be served: 5) (a) Lany S. Neely	Coal Operator Name	
	Address	1246 Ash Lane	Address	
		Lebanon, PA 17042		
	(b) Name	Larry S. Neely	(b) Coal Ow	ner(s) with Declaration
	Address	1418 New Bethel Rd.	Name	Consolidation Coal Company Attn: Land Dept.
		Glen Easton, WV 26039	Address	46226 National Road
				St. Clairsville, OH 43950
	(c) Name		Name	
	Address	19 - Martin College - Cherron College - Cherron 1988 - Berley College - Cherron Coll	Address	
	Inspector Address	Gayne Unitovski P. J. Box 108 Gomania, WV 26720	(c) Coal Less Name Address	see with Declaration
	Telephone	309-546-8171		

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

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

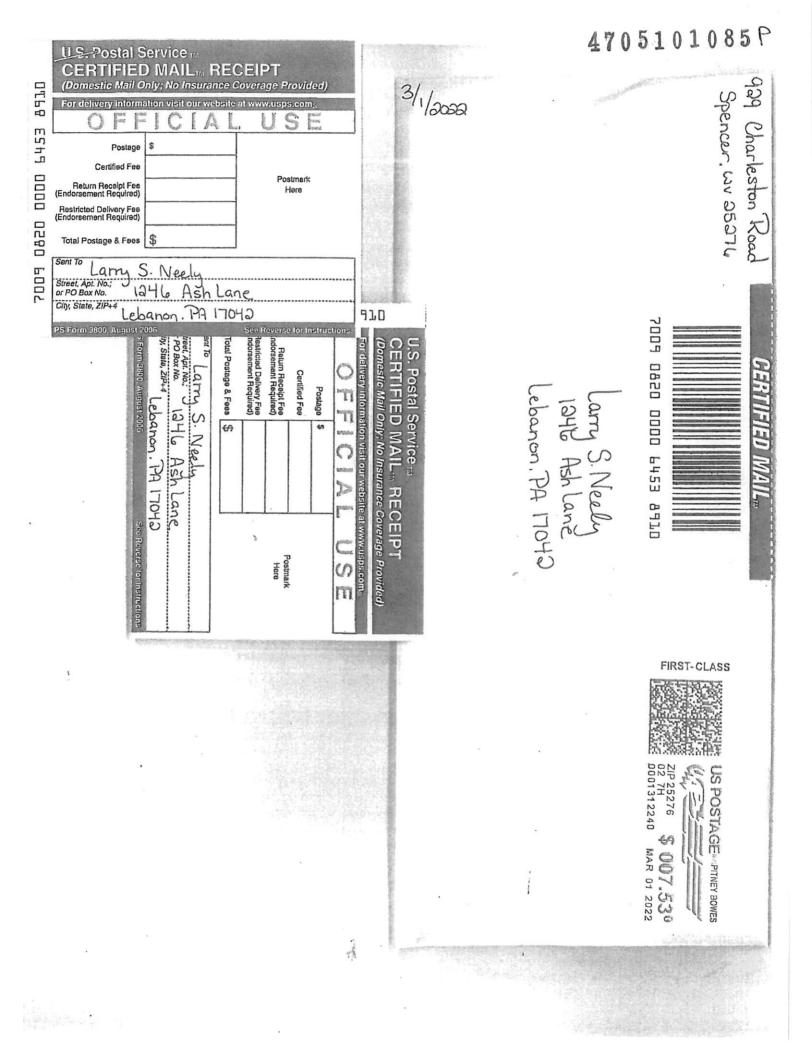
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

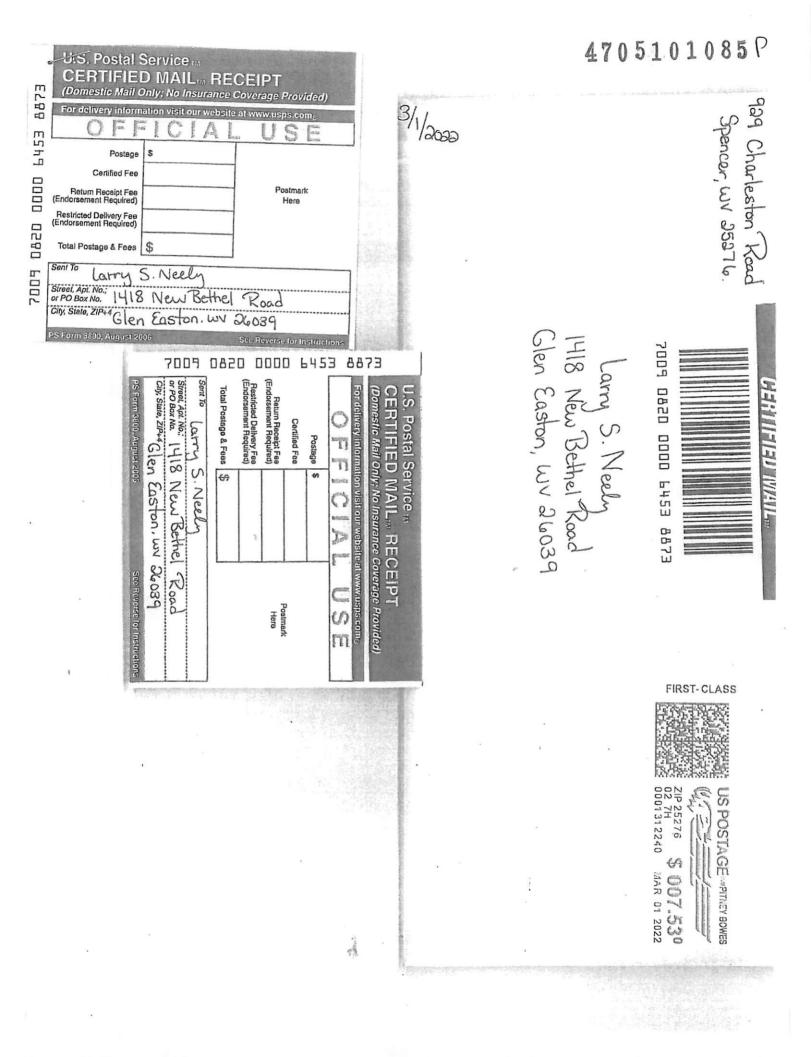
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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 NOTARY PUBLIC STATE OF WEST VIRGINIA David N Brannon 59 Deco Lane Chloe, WV 25235 Commission Expires December 14, 202	By: Its: Address	Monument Oil & Gas, LLC Managing Member 929 Charleston Road Spencer, WV 25276 304-927-5033
L	and sworn before me th A. Branner	is28 da	ay of <u>February</u> 2022 Notary Public

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

5A1

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

<u>Time Limits and methods for filing comments.</u> 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.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) 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

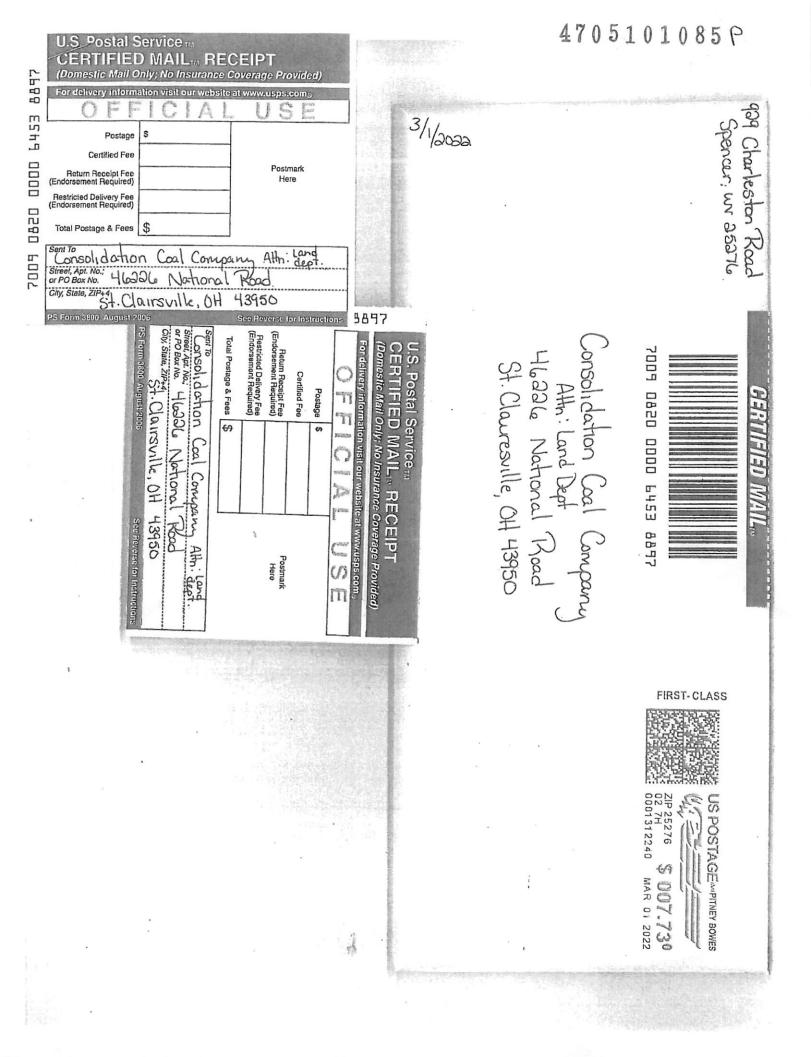
I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no 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	Name	
Signature		By	
		Its	Date

Signature

Date



API No.	47-051-1085			
Farm Name		LARMY	Necly	
Well No.	5A1			

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 ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

Ву: _____

Its _____

WW-4B

WW-9 (5/16)	API Number 47 - 051 _ 01085
(5/16)	Operator's Well No. 5A1
STATE OF WEST VIRGIN DEPARTMENT OF ENVIRONMENTAL OFFICE OF OIL AND GA FLUIDS/ CUTTINGS DISPOSAL & RECLA	PROTECTION S
Operator Name Monument Oil & Gas LLC	OP Code 494527461
Watershed (HUC 10)_Tributary Upper Bowman RunQuadrangle	Cameron
Do you anticipate using more than 5,000 bbls of water to complete the proposed Will a pit be used? Yes \checkmark No \square Abart ground Sticl p	
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes No I	f so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:	
Land Application (if selected provide a completed for Underground Injection (UIC Permit Number)
Will closed loop systembe used? If so, describe: N/A	
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwa	ater, oil based, etc. N/A
-If oil based, what type? Synthetic, petroleum, etc. N/A	
Additives to be used in drilling medium? N/A	
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A	
-If left in pit and plan to solidify what medium will be used? (cement,	lime, sawdust)_N/A
-Landfill or offsite name/permit number?	
Permittee shall provide written notice to the Office of Oil and Gas of any load o West Virginia solid waste facility. The notice shall be provided within 24 hours	

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 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

where it was properly disposed.

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	OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA
Company Official (Typed Name) J. Scott Freshwater	David N Brannon
Company Official Title Managing Member	59 Deco Lane Chice, WV 25235
Subscribed and sworn before me this 28 day of Fubruary	, 20 22
Havid N. Brannen	Notary Public
My commission expires Algember 14 2022	

Operator's Well No. 5A1

Proposed Revegetation Treatment: A cres	Disturbed .5 Preveg etati	ion pH 5.5
Lime <u>3</u> Tons/a	cre or to correct to pH 6.5	
Fertilizer type		
Fertilizer amount 0.25	lbs/acre	
MulchHay	2 Tons/acre	
	Seed Mixtures	
Temporary	Pe	ermanent
Seed Type lbs/ac	cre Seed Type	lbs/acre
Orchard Grass 25	Ladino Clover	5
Red Top Clover 15	KY 31	40
Attach: Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl	ed area for land application (unless engineered plans in nd applied, provide water volume, include dimension lication area.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar	nd applied, provide water volume, include dimension lication area.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl	nd applied, provide water volume, include dimension lication area. ographic sheet.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl Photocopied section of involved 7.5' topo	nd applied, provide water volume, include dimension lication area. ographic sheet.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl Photocopied section of involved 7.5' topo Plan Approved by: Gayne Knitowski	nd applied, provide water volume, include dimension lication area. ographic sheet.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl Photocopied section of involved 7.5' topo Plan Approved by:	nd applied, provide water volume, include dimension lication area. ographic sheet.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl Photocopied section of involved 7.5' topo Plan Approved by:	nd applied, provide water volume, include dimension lication area. ographic sheet.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl Photocopied section of involved 7.5' topo Plan Approved by:	nd applied, provide water volume, include dimension lication area. ographic sheet.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl Photocopied section of involved 7.5' topo Plan Approved by:	nd applied, provide water volume, include dimension lication area. ographic sheet.	including this info have been is (L, W, D) of the pit, and dime
Maps(s) of road, location, pit and propose provided). If water from the pit will be lar (L, W), and area in acres, of the land appl Photocopied section of involved 7.5' topo Plan Approved by:	nd applied, provide water volume, include dimension lication area. ographic sheet.	including this info have been is (L, W, D) of the pit, and dime

3-1-2022

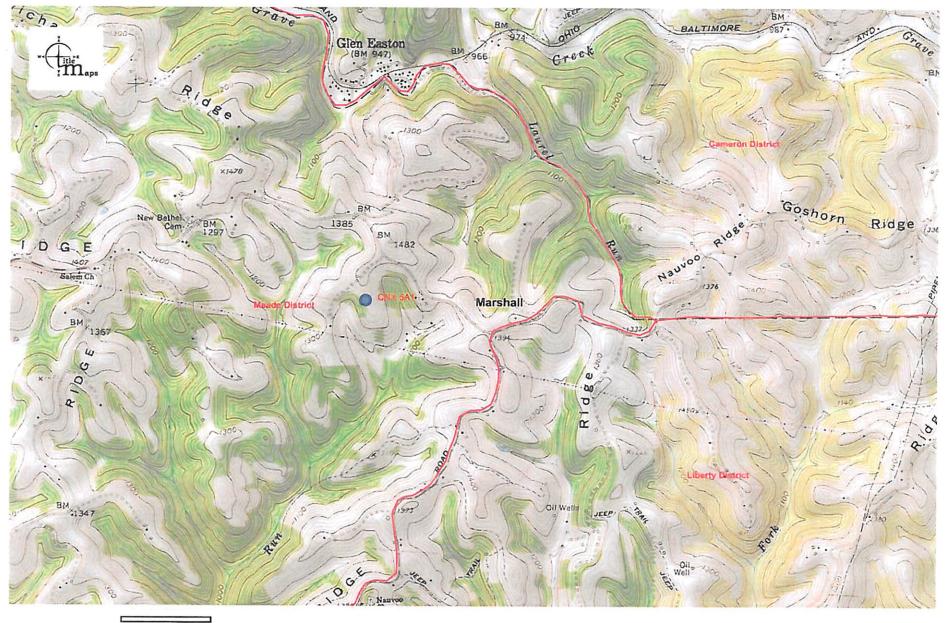
Date:____ (______) Yes (______) No Field Reviewed?

Inspector

Title:

CNX 5A1





Approximate Scale 1:24,000

02/23/2022 - 11:50:50 AM

Disclaimer: The map information shown is from various sources including but not limited to tax maps and state and federal agency web sites. The map information does not represent and should not be relied upon as a land survey or legal depiction of the property or information shown. Title Maps LLC does not warrant the accuracy or correctness of the map information shown hareon.

WW-7			
8-30-06			
West Virginia Department of I			
Office of Oil	and Gas		
WELL LOCATION	FORM: GPS		
_{API:} 47-051-01085	WELL NO.: 5A1		
FARM NAME: Larry Neely			
RESPONSIBLE PARTY NAME: MONUM	ent Oil & Gas LLC		
COUNTY: Marshall	DISTRICT: Meade		
QUADRANGLE: Cameron			
SURFACE OWNER: Larry Neely			
ROYALTY OWNER: Larry Neely			
UTM GPS NORTHING: 4407833			
UTM GPS EASTING: 530125	GPS ELEVATION: 1364		

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 _____

Real-Time Differential

Mapping Grade GPS ____: Post Processed Differential _____

Real-Time Differential

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.

	Dy	Dyn	Land Manager	02/28/22
Signature			Title	Date



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permit API: 47-051-01085)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov> Tue, Mar 29, 2022 at 10:22 AM To: Doug Douglass <ddouglass@reserveoilandgas.com>, Eric Buzzard <ebuzzard@marshallcountywv.org>, "Gayne J. Knitowski" <gayne.j.knitowski@wv.gov>

I have attached a copy of the newly issued well permit number. This will serve as your copy.

47-051-01085 - 5A1

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry Environmental Resource Specialist 3 West Virginia Department of Environmental Protection Office of Oil & Gas 601 57th St. SE Charleston, WV 25304 (304) 926-0499 ext. 41115 (304) 926-0452 fax Wade.A.Stansberry@wv.gov

