

### 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

Thursday, July 8, 2021
WELL WORK PLUGGING PERMIT
Horizontal 6A Plugging

NORTHEAST NATURAL ENERGY LLC 707 VIRGINIA STREET EAST STE 1200 CHARLESTON, WV 25301

Re: Permit approval for LEMLEY 10H 47-061-01860-00-00

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

Operator's Well Number: LEMLEY 10H

Farm Name: CLARENCE W. LEMLEY JR. &

U.S. WELL NUMBER: 47-061-01860-00-00

Horizontal 6A Plugging Date Issued: 7/8/2021

### **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. 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-4B Rev. 2/01 4706101860

1) Date June 202060

2) Operator's Well No. Lemicy 10H

3) API Well No. 47-661 -01860

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

### APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4)	Well Type: Oil/ Gas X/ Liquid  (If "Gas, Production or Und		
5)	Location: Elevation 1,540'  District Clay	Watershed Dunkard County Monongalia	Quadrangle Blacksville
6}	Well Operator Address  Northeast Natural Energy LLC 707 Virginia St. E, Suite 1200 Charleston, WV 25301	7)Designated Agen Addres	Hollie Medley, Regulatory Manager 48 Donley St, Suite 601 Morgantown, WV
8)	Oil and Gas Inspector to be notified  Name Bryan Harris  Address PO Box 157  Volga, WV 26238	9)Plugging Contra Name TBD Address	nctor
	Work Order: The work order for the manual. Cut off welded cap on the conductor.  2. Grout cement plug inside conductor from 3. Fill 10'x10' cellar with cement and printermation and meeting specification.	or. 140' to surface. place the P&A mo	
			Office of Oil and Gas  JUN 1 1 2021
			WV Department of Environmental Protection
	ification must be given to the district o k can commence.	il and gas inspecto	
Wor	k order approved by inspector Bryan	Harris	Date <u>6/7/21</u>

WW-4A Revised 6-07

1)	Date:	6.2.0	21					
2) Operator's Well Number								
Leml	ey 10H							
3)	API Well No.: 47 -	. 06	1 -	01860				

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

	NOTICE OF A	THICKIO	N TO I LOG AN	D ADANDON A WELL
	ner(s) to be served:	, ,	a) Coal Operator	
(a) Name	Clarence W. Jr. & Charlotte E	Lemiey	_ Name Address	
Address	239 Lemley Hollow Core, WV 26541		Address	
A) Name	Core, WV 20541		- (h) Cool O	ner(s) with Declaration
(b) Name			_ (b) Coal Ow Name	Murray Energy Corporation
Address			_ Name Address	46226 National Road
			_ Address	St. Clairsville, OH 43950
(c) Name			Name	St. Clairsville, Of 143530
Address			- Address	
Address			- Address	
6) Inspector	Bryan Harris		(c) Coal Les	see with Declaration
Address	PO Box 157		Name	
	Volga, WV 26238		Address	
Telephone	304-553-6087		_	
			_	ved this Form and the following documents:
However, ye Take notice accompanyi Protection, the Applicat	that under Chapter 22-6 of the ng documents for a permit to plu with respect to the well at the lo	west Virginia Code ug and abandon a w ecation described on ailed by registered	e, the undersigned well of well with the Chief of the the attached Application or certified mail or deli-	perator proposes to file or has filed this Notice and Application and Office of Oil and Gas, West Virginia Department of Environmental n and depicted on the attached Form WW-6. Copies of this Notice, wered by hand to the person(s) named above (or by publication in
OFFICE NOTAR STATE OF W Krister Northeast Nat 48 Donley S Morgantow My Commission Ex	EST VIRGINIA B n Brooks cural Energy LLC It St., Suite 601 A n, WV 26501 A xpires Aug. 10, 2023	Vell Operator y: :s: .ddress elephone	Northeast Natural Ener Hollie Medley Regulatory Manager 48 Donley St., Suite 60 Morgantown, WV 2650 304.212.0422	Office of Oil and Gas
	sworn before me this_	The ga	y of June	Notary Public
My Commission	Expires	1/1 1/1 1/1	112	

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 <a href="mailto:depprivacyoffier@wv.gov">depprivacyoffier@wv.gov</a>.

4706101860





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# State of West Virginia Department of Environmental Protection - Office of Oil and Gas Well Operator's Report of Well Work

API 47 - 061 _ 0186	County Mononga	alia	District Clay	
Quad Blacksville	Pad Name Lemle	у	Field/Pool Name	
Farm name Clarence W. Len			Well Number 10H	
Operator (as registered with the	OOG) Northeast Natural I	Energy LLC		
Address 707 Virginia St. E	Cha	rleston	State WV	Zip 25301
As Drilled location NAD 83/ Top hole Landing Point of Curve Bottom Hole	Northing 4391570.6  Northing	East	ing <u>573993.8</u> ing	
Elevation (ft) 1,540'	GL Type of Well	New □ Existing	Type of Report	□Interim
Permit Type   Deviated	□ Horizontal	al 6A	Depth Type	□ Deep
Type of Operation □ Convert	□ Deepen	Plug Back 🗆 Redril	ling   Rework	■ Stimulate
Well Type ☐ Brine Disposal	□ CBM ■ Gas □ Oil □ Seco	ondary Recovery	olution Mining	rage   Other
Type of Completion □ Single  Drilled with □ Cable □ Rot  Drilling Media Surface hole	rary	ed □ Brine □Gas er Intermediate h		Other NA  Fresh Water Brine
Production hole	ıd □ Fresh Water □ Brine			
Mud Type(s) and Additive(s) NA				
Date permit issued8/12/20	Bate drining comm	enced Conductor - 8/13/2		N.I.A.
Date completion activities began Verbal plugging (Y/N) NA		Date completion activ		
veroai piugging (1/N)	Date permission granted		_ Granted by	
Please note: Operator is require	d to submit a plugging applica	tion within 5 days of ve	erbal permission to pl	ug
Freshwater depth(s) ft	NA	Open mine(s) (Y/N) de	epths	
Salt water depth(s) ft	NA	Void(s) encountered (	Y/N) depths	
Coal depth(s) ft	NA	Cavern(s) encountered	(Y/N) depths	
Is coal being mined in area (Y/N	1)NA			Reviewed by:

## 47061018608

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API 47- 061	_ 01860	Farm name	Clarence V	V. Lemle	y Jr.	We	ll number_10	Н	
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)	Did cem	ent circulate (Y/ N) de details below*
Conductor	30	24	40'	N	1	NA	NA		Y
Surface									
Coal			1			•			
Intermediate 1									
Intermediate 2									
Intermediate 3									
Production									
Tubing									
Packer type and d	epth set	•	•						
Comment Details									
CEMENT	Class/Type	Number	Slurry		Yield t³/sks)	Volume			WOC (hrs)
DATA Conductor	of Cement 4500 psi ready mix	of Sacks	wt (ppg)	(1	.75	(ft <sup>3</sup> ) 27	Top (		(hrs) 48
Surface	+500 psi ready fills	35			.70	21	01		40
Coal									
Intermediate 1									
Intermediate 2		-							
Intermediate 3			_						
Production									
Tubing									
Deepest forma	ocedure			Loggers T					
Check all wire	eline logs run	-	□ density □ resistivity	□ devia	ed/direction		induction temperature	□sonic	:
Well cored	Yes 🗆 No	Conventiona	l Sidewa	.II	W	ere cutting	s collected	Yes 🗆	No
				and the best officers					
DESCRIBE T	HE CENTRALIZE	ER PLACEMEN	T USED FOR	EACH C	ASING ST	TRING _			
WAS WELL (	COMPLETED AS	SHOT HOLE	□ Yes 💄 N	lo D	ETAILS				
WAS WELL	COMPLETED OP	EN HOLE?	Yes 🖪 No	DET	AILS _				
WERE TRAC	ERS USED 🗆 Y	es 🖪 No	TYPE OF TRA	ACER(S)	USED _				

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API 47- 061 _ 01860	Farm name Clarence W. Lemley Jr.	Well number 10H

### PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	NA				

Please insert additional pages as applicable.

### STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
	NA							
						-		
					7			

Please insert additional pages as applicable.

Page 4 of L WR-35 Rev. 8/23/13 Farm name Clarence W. Lemley Jr. Well number 10H API 47- 061 \_ 01860 **DEPTHS** PRODUCING FORMATION(S) NA TVD Please insert additional pages as applicable. □ Build up □ Drawdown □ Open Flow **GAS TEST** OIL TEST | Flow | Pump SHUT-IN PRESSURE Surface psi Bottom Hole DURATION OF TEST hrs psi **OPEN FLOW** NGL Water GAS MEASURED BY □ Estimated □ Orifice mcfpd bpd bpd bpd □ Pilot LITHOLOGY/ TOP воттом TOP BOTTOM **FORMATION** DEPTH IN FT DEPTH IN FT DEPTH IN FT DEPTH IN FT DESCRIBE ROCK TYPE AND RECORD QUANTITYAND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC) NAME TVD TVD MD Please insert additional pages as applicable. Drilling Contractor City State Zip Address Logging Company Address City State Zip Cementing Company City State Zip Address Stimulating Company Address City State Zip Please insert additional pages as applicable. Completed by Hollie Medley Telephone 304-212-0422 Title Regulatory Manager Signature 000 Date 6/8/2021 Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

WW-9 (5/16)

API Number	47	_ 061	_ 01860	
Operator's W	ell	No. Lemle	ev 10H	

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

Operator Name Nomeast Natural Energy LLC  OP Code   Watersted (HUC 10) Durkard Creek	FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN
Do you anticipate using more than 5,000 bibs of water to complete the proposed well work? Yes No Will a pit he used? Yes No Will a pit he used? Yes No Will a pit he used? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used? If so, describe No Dither (Explain no pit waste will be encountered in this process  Will closed loop system be used? If so, describe: NA  Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA  If oil based, what type? Synthetic, petroleum, etc.  Additives to be used in drilling medium? NA  Drill cuttings disposalmethod? Leave in pit, landfill, removed offsite, etc. NA  If left in pit and plan to solidify what medium will be used? (cement, line, 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 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 tems 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 tem 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 is the more 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 in	
Do you anticipate using more than 5,000 bibs of water to complete the proposed well work? Yes No Will a pit he used? Yes No Will a pit he used? Yes No Will a pit he used? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used in the pit? Yes No Will a synthetic liner be used? If so, describe No Dither (Explain no pit waste will be encountered in this process  Will closed loop system be used? If so, describe: NA  Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA  If oil based, what type? Synthetic, petroleum, etc.  Additives to be used in drilling medium? NA  Drill cuttings disposalmethod? Leave in pit, landfill, removed offsite, etc. NA  If left in pit and plan to solidify what medium will be used? (cement, line, 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 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 tems 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 tem 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 is the more 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 in	Watershed (HUC 10) Dunkard Creek Quadrangle Blacksville
Will a pit be used? Yes No VIII so, please describe anticipated pit waste:  Will a synthetic liner be used in the pit? Yes No VIII foo, 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) — Underground Injection (UIC Permit Number) — Off Site Disposal (Supply form WW-9 for disposallocation) — Off Site Disposal (Supply form WW-9 for disposallocation) — Other (Explain no pit weste will be encountered in this process  Will closed loop systembe used? If so, describe: NA  Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA — If oil based, what type? Synthetic, petroleum, etc.  Additives to be used in drilling medium? NA  Drill cuttings disposalmethod? Leave in pit, landfill, removed offsite, etc. NA — 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 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 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/orother 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 from adal at attachments thereto and that, based on my inquiry of those individuals immentation submittion of the general permit and/orother applicable law or regulation can lead to enf	
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Underground Injection (UIC Permit Number Reuse (at API Number Reuse (at API Number) Reuse (at API Number) Reuse (at API Number) Reuse (at API Number) Offsite Disposal (Supply form WW-9 for disposal location) Other (Explain no pit waste will be encountered in this process  Will closed loop systembe used? If so, describe: NA  Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA -If oil based, what type? Synthetic, petroleum, etc. Additives to be used in drilling medium? NA  Drill cuttings disposalmethod? Leave in pit, landfill, removed offsite, etc. NA -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 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 immentately, responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that therefore the penalties for submitting false information, including the possibility of fine or imprisonment.  Company Official Signature  Company Official Title Regulatory Manager  OFFICIAL SEAL SCALES (STATE OF WEST VIRGINA Notary Enr	Proposed Disposal Method For Treated Pit Wastes:
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-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 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 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 o btaining the information, including the possibility of fine or imprisonment.  Company Official Signature	Additives to be used in drilling medium? NA
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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 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 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 o btaining the information, I believe that the information is true, accurate, and complete. I am aware that there are separately examined and submitting false information, including the possibility of fine or imprisonment.  Company Official Signature  Company Official Title Regulatory Manager  Application form this against the provision 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 o btaining the information, I believe that the information is true, accurate, and complete. I am aware that there are separately applicable for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are separately applicable for obtaining the provision of the permit and/or other applicable.  Company Official Title Regulatory Manager  OFFICIAL	-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)
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 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 o btaining 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 Title Regulatory Manager  OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Kristen Brooks Notary Public Statural Energy LLC 48 Donley St., Suite 601  Morrantown WY 25501  Morrantown WY 25501  Morrantown WY 25501	-Landfill or offsite name/permit number?
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Company Official Signature Hollie M. Medley  Company Official Title Regulatory Manager  Subscribed and sworn before me this day of June, 2021  Notary Public STATE OF WEST VIRGINIA Kristen Brooks Northeast Natural Energy LLC 48 Donley St., Suite 601  Morgantown WV 26501	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 o btaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for
Company Official (Typed Name) Hollie M. Medley  Company Official Title Regulatory Manager  Subscribed and sworn before me this day of June, 2021  Notary Public STATE OF WEST VIRGINIA Kristen Brooks Northeast Natural Energy LLC 48 Donley St., Suite 601  Morgantown, WV 26501	
Subscribed and sworn before me this day of June, 2021  Notary Public STATE OF WEST VIRGINIA Kristen Brooks  Northeast Natural Energy LLC  48 Donley St., Suite 601  Morgantown, WV 26501	Company Official (Typed Name) Hollie M. Medley
Subscribed and sworn before me this day of June, 2021 , 20 OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Kristen Brooks Notary Fublic State Of West VIRGINIA Kristen Brooks Northeast Natural Energy LLC 48 Donley St., Suite 601 Morganizopo WV 26501	Company Official Title Regulatory Manager
Notary Public Strict Brooks Northeast Natural Energy LLC 48 Donley St., Suite 601 Morgantown, WV 26501	
my sommonous expires / IVIVI	Husten Proof Notary English  Notary English  Notary English  Notary English  Not Rristen Brooks Northeast Natural Energy LLC 48 Donley St., Suite 601

	iment: Acres Disturbed G.S.	Preveg etation pH	5-7
Lime 2	Tons/acre or to correct	to pH 7	
Fertilizer type 19-	19-19	·	
Fertilizer amount	800	lbs/acre	
Mulch_2		Tons/acre	
		Seed Mixtures	
т	emporary	Perman	ent
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	46	Orchard Grass	46
Red Clover	8	Red Clover	8
Tetraploid Perenr	nial Rye 16	Tetraploid Perennial F	Rye 16
Timothy 15 A	nnual Rve 15	Timothy 15 Annua	al Rye 15
Photocopied section of invo	olved 7.5' topographic sheet.		
Plan Approved by: 82			
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API Number 47 - 061 - 01860
Operator's Well No. Lemley 10H

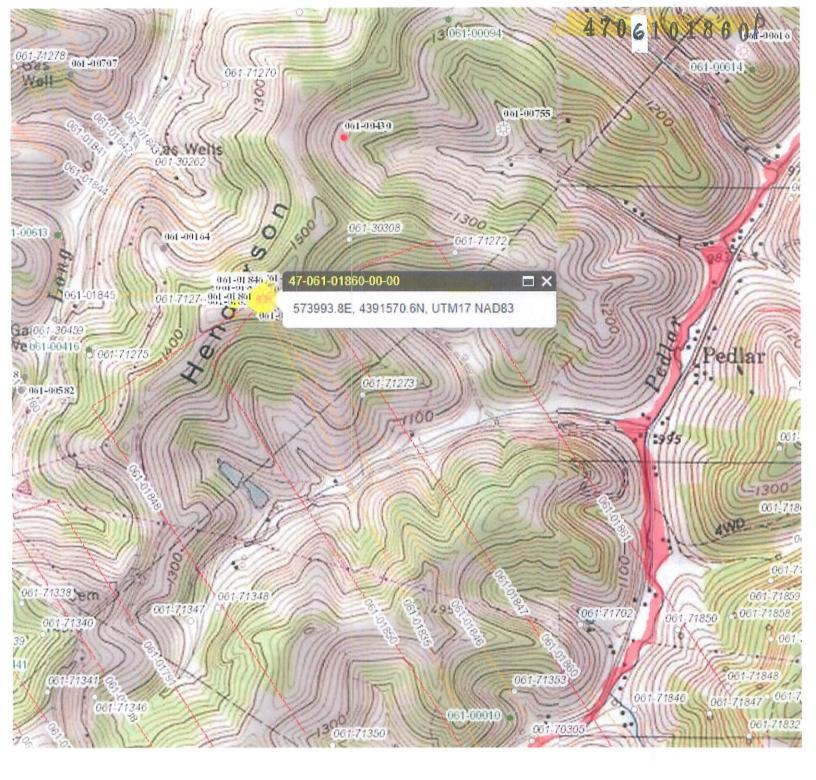
## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

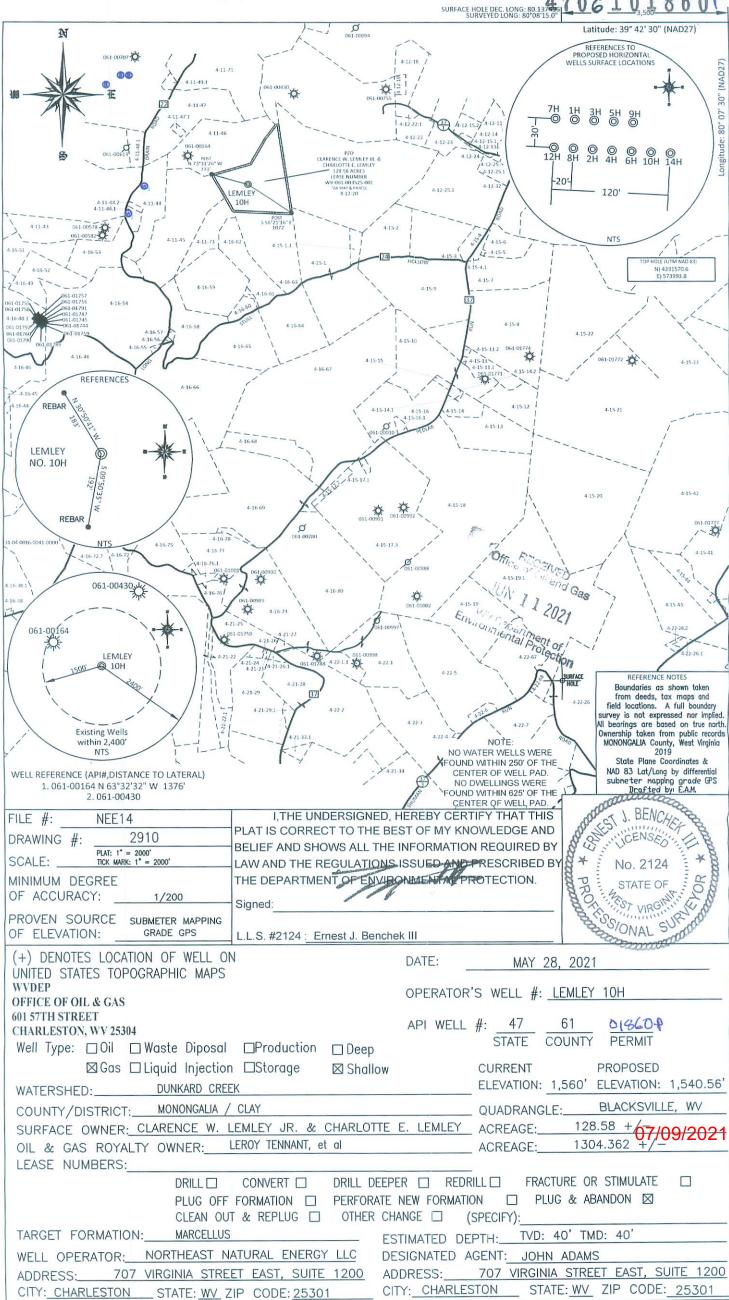
GROUNDWATER PROTECTION PLAN

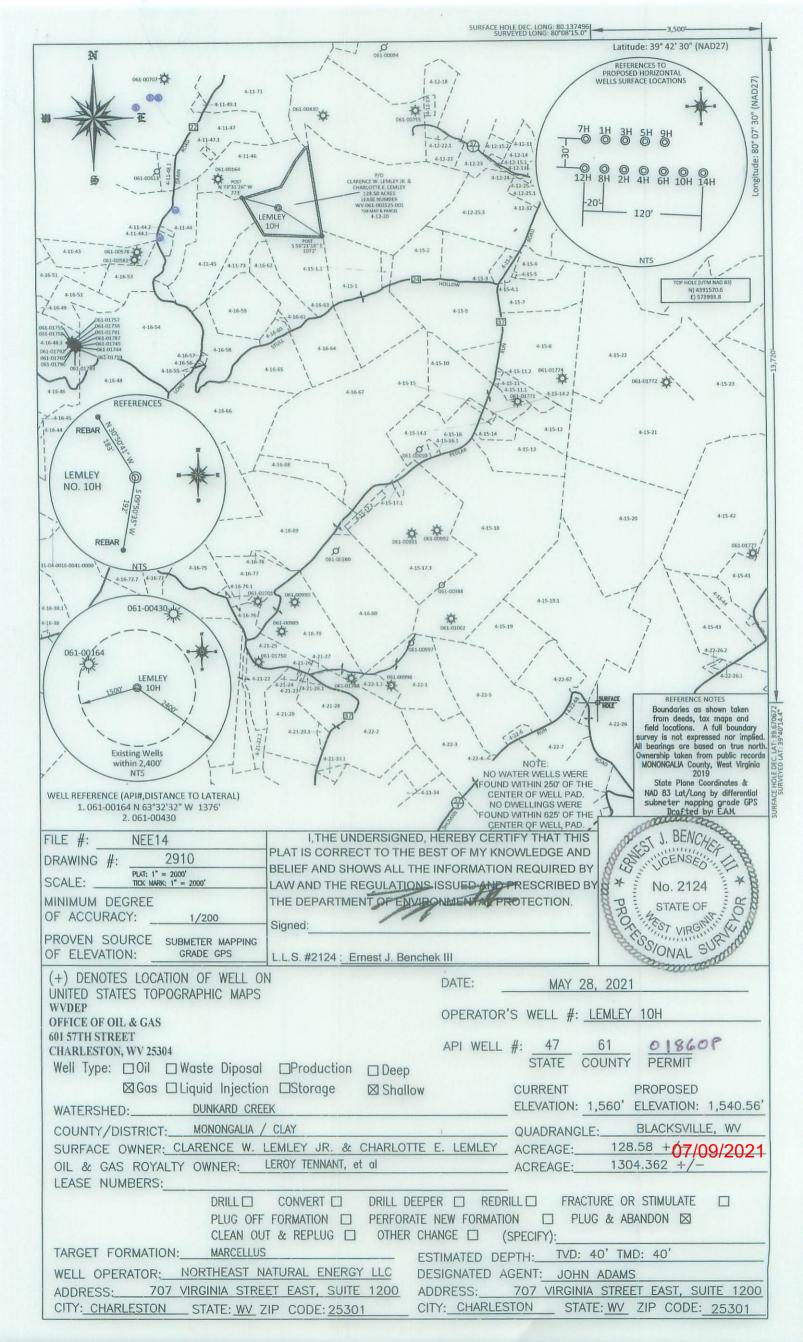
perator Name: Northeast Natural Energy LLC	O J. Blackeville
Vatershed (HUC 10): Dunkard Creek	Quad: Diacksville
arm Name: Lemley	
List the procedures used for the treatment and discharge of a groundwater.	luids. Include a list of all operations that could contaminate
NA	
. Describe procedures and equipment used to protect groundw	ater quality from the list of potential contaminant sources abo
NA	
List the closest water body, distance to closest water body discharge area.	, and distance from closest Well Head Protection Area to
NA	
. Summarize all activities at your facility that are already regu	lated for groundwater protection.
NA	lated for groundwater protection.  Office PECENTED  HIN 1 2021  Environmental Protection

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

	Operator's Well No
	,
NA	
6. Provide a statement that no waste material will b	be used for deicing or fill material on the property.
NA	
<ol> <li>Describe the groundwater protection instruction provide direction on how to prevent groundwater</li> </ol>	n and training to be provided to the employees. Job procedures shall er contamination.
NA	
	OM <sub>Co</sub> RECo
8. Provide provisions and frequency for inspection	as of all GPP elements and equipment.    Solution   Sol
NA	Environmental Color of otechon
	"nental prote of
	"ochon
Signature: Holl Meol	
Date: (0-2-2)	







11/10/2016

**PLUGGING PERMIT CHECKLIST** 

Plugging Permit	Office of Oil and Gas
	0,4 / 1 20
ww-4B	Environm-Partine
WW-4B signed by inspector	Wy Department of Protection
WW-4A	·
SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REG	ISTERED OR CERITFIED
COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPER BY REGISTERED OR CERTIFIED MAIL	PLICATION WAS SENT
WW-9 PAGE 1 (NOTARIZED)	
WW-9 PAGE 2 with attached drawing of road, location, pit and proposed ar	ea for land application
WW-9 GPP PAGE 1 and 2 if well effluent will be land applied	
RECENT MYLAR PLAT OR WW-7	
WELL RECORDS/COMPLETION REPORT	
TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED	
MUST HAVE VALID BOND IN OPERATOR'S NAME	
CHECK FOR \$100 IF PIT IS USED	