

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

Friday, February 10, 2023 WELL WORK PERMIT Vertical / New Drill

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

Re:

Permit approval for MIP/1S 47-061-01922-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

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

Chief

Operator's Well Number: MIP/1S

Farm Name: ENROUTE PROPERTIES LEC

U.S. WELL NUMBER: 47-061-01922-00-00

Vertical New Drill

Date Issued: 2/10/2023

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. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 2. Pursuant to 35 CSR § 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
- 3. Pursuant to 35 CSR § 4-19.1.c, if the operator is unable to sample and analyze any water well or spring within one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
- 4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 5. 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.
- 6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and cement does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
- 7. Well work activities shall not constitute a hazard to the safety of persons.
- 8. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACOE). Through this permit, you are hereby being advised to consult with the USACOE regarding this proposed activity.

WW - 2B (Rev. 8/10)

1) Well Operator: Northeast Natural Energy LLC



Gayne Knitowski

Grant

Monongalia

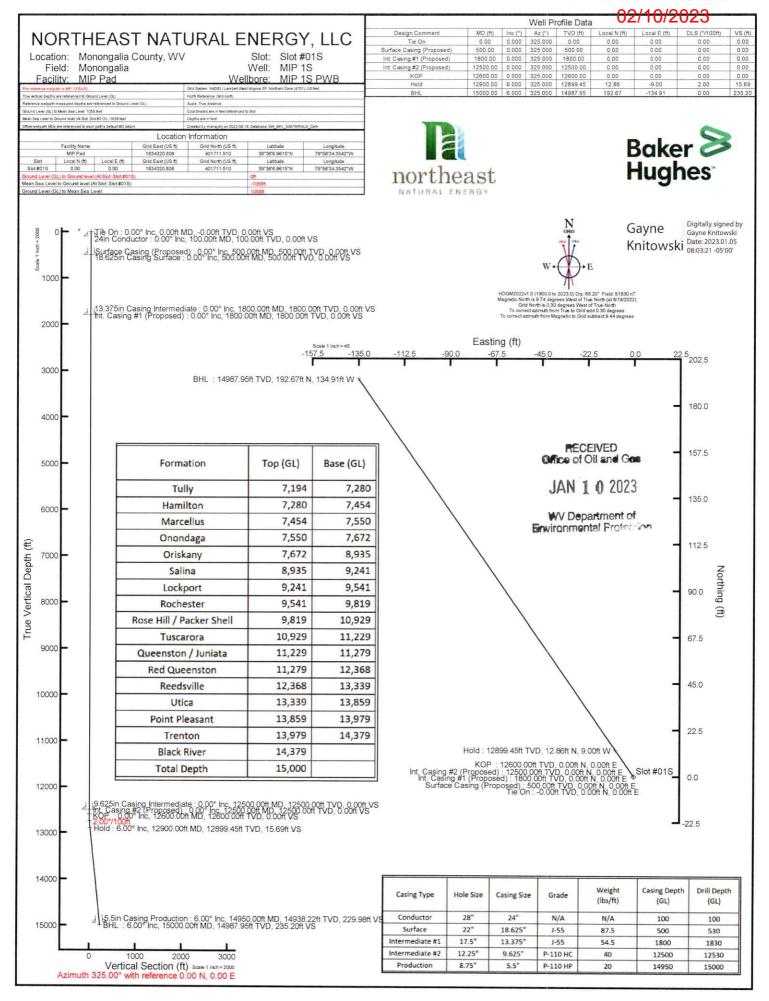
Digitally signed by Gaylie Knitowski Date: 2023.01.05 08:00:27

Morgantown South

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

494498281

				Operator ID	County	District	Quadrangle
2) Operator's V	2) Operator's Well Number: MIP 1S 3) Elevation: 1058' RECEIVED						
4) Well Type: (a	4) Well Type: (a) Oil or Gas Geothermal Science X JAN 1 0 2023						
(t							
	(b) If Gas: Production / Underground Storage						
5) Proposed Target Formation(s): Point Pleasant Proposed Target Depth: 13,859' 6) Proposed Total Depth: Feet Formation at Proposed Total Depth: Black River 7) Approximate fresh water strata depths: 50', 450' 8) Approximate salt water depths: 1,600'							
9) Approximate	coal sea	m depths	s: 200', 225'				- 8
10) Approximat	te void de	pths,(coa	al, Karst, other):	N/A			
11) Does land	contain co	oal seam	s tributary to act	ive mine? N	lo	W	
Drill surface and int	ermediate s	sections on	d fracturing meth air. Drill on synthet un wireline open hole	ic based mud thr	ough target form	ation and colle	ect a full bore core.
the second interme	ediate casin	g (above	Γully formation). Ca	p well at the we	ll head.		
13)	DE OLEIO	the state of the state of	SING AND TUE			OFME	· \ \ T
TYPE S	PECIFIC		Name at the same of the same o	FOOTAGE	INTERVALS		
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu	
Conductor	24"	N/A	N/A	40'	40'	CT	S
Freshwater/Coal	18-5/8"	J-55	87.5	530'	500'	CT	S
Intermediate 1	13-3/8"	J-55	54.5	1830'	1800'	CT:	S
Intermediate 2	9-5/8"	P-110HC	40	12,530'	12,500'	CT	S
Production	5-1/2"	P-110HP	20	15,000'	15,000'	2,324	4 ft
Tubing							
Liners	Liners						
Packers: Kind Size Dep							



Monongad 7

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WW-2A 1). Date: (Rev. 6-14) 2.) Operator's Well Number MIP 1S County Permit State 47-

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

3.) API Well No.:

	NOTICE AND ALL FLOA	HONTONA	VELL WORKT EKIMT	
4) Surface Ow	ner(s) to be served:	5) (a) Coal Op	erator	
(a) Name	Enrout Properties, LLC	Name		
Address	466 Christy Street, Ste 2	 Address		
	Morgantown, WV 26505	_		
(b) Name		(b) Coal O	wner(s) with Declaration	
Address		Name	Enrout Properties, LLC	
		 Address	466 Christy Street, Ste 2	
			Morgantown, WV 26505	
(c) Name		Name		
Address		Address		
0).1		_ () 0 11		
6) Inspector	Gavne Knitowski		essee with Declaration	
Address	P.O. Box 108	Name	·	
Talaulaua	Gormania, WV 26720	Address		
Telephone	304-546-8171	MED ABOVE T	AVE NOTICE THAT:	
Included is th	TO THE PERSONS NA ne lease or leases or other continuing			avtract oil and das
OR Included is the	le lease of leases of other continuing	CONTRACT OF CONTRA	acts by which i hold the right to e	ixtract on and gas
	ne information required by Chapter 22	Article 6, Sectio	n 8(d) of the Code of West Virgir	nia (see page 2)
I certify t	that as required under Chapter 22-6	of the West Virg	inia Code I have served copies	of this notice and
application, a loc	ation plat, and accompanying docume		ugh on the above named pa	rties by:
7/	Personal Service (Affidavit attac			
<u>X</u>	Certified Mail (Postmarked post		a)	
I have re	Publication (Notice of Publication and understand Chapter 22-6 and		Lagree to the terms and condi	tions of any normit
issued under this		2 55 CSIX 4, Allu	r agree to the terms and condi	tions of any permit
	under penalty of law that I have pers	onally examined	and am familiar with the information	ation submitted on
this application for	orm and all attachments, and that ba	ased on my inquir	ry of those individuals immediate	
obtaining the info	ormation, I believe that the information	is true, accurate	and complete.	
= imprisonment	are that there are significant penalties	for submitting fa	ise information, including the pos	ssibility of fine and
imprisonment.	NOTARY PUBLIC Well Operator	Northeast Na	tural Energy LLC	
STA		Hollie M. Med		NPG/
North	neast Natural Energy LLC Its:	Regulatory M		
Months SEMPER MO	heast Natural Energy LLC lts: B Donley St., Suite 601 organtown, WV 26501 Address: Imission Expires Aug. 10, 2023	707 Virginia S	Street East, Suite 1200	
= My Com	mission Expires Aug. 10, 2023 =	Charleston, V	VV 25301	TO STATE OF THE PARTY OF THE PA
	releptione.	304.212.0422		Office of Oil and Gos
C	5th Email:	hmedlev@nn	e-llc.com	
Subscribed and s	sworn before me this day of	Juluo	, 2025	JAN 1 0 2023
	Kristen Baptolla		Notary Public	WV Department of
My Commission I	Expires ALLE MIT	10,2023	recary r ubito	Environmental Protection
Oil and Gas Privacy	Notice	1		

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 depprivacyofficer@wv.gov

NOTICE OF PERMIT APPLICATION

Enrout Properties, LLC Attn: Glenn Adrian 466 Christy Street Suite 2 Morgantown, WV 26505

By signing below, I verify that I have received, via hand delivery, a Notice of Permit for Northeast Natural Energy's ("NNE") geothermal science well identified as the MIP 1S on its existing MIP Well Pad situated in the Grant District of Monongalia County, West Virginia. The notice packet provided to me included a Well Plat, Well Work Permit Application (WW-2B), Notice to Surface Owners (WW-2B1), Surface Owner Waiver (WW-2A), and Coal Owner Waiver (WW-2A).

Glenn Adrian

Date

RÉCEIVED Office of Oil and Gas

JAN 1 0 2023

WV Department of Environmental Protection

WW-2A	Surface	Waiver
(4/16)		

(SURFACE OWNE	R WAIVER			
County	Monongalia	Operato Operato	r r well nun		Northeast Natural MIP 1S	Energy LLC
	INSTRUCTIONS TO	O SURFACE OWNE	RS NAME	ON PAG	E WW2-A	
If the surface appeared on the surface of the surface only ow are valid for 24	rell operator named on page W tract is owned by more than the he Sheriff's tax ticket on the language oner who will actually receive the form months. If you do not own any you know who it is. Also, please NOTE: YOU AF WHERE TO FILE CON	nree persons, then to not or because you a ese materials.) See y interest in the surfa se notify the well ope RE NOT REQUIRED	hese mater actually occuments occured occuments occured oc	ials were supy the sure of the Western the	served on you becaus face tract. In either c st Virginia Code. Well rd these materials to t f Oil and Gas.	se your name ase, you may I work permits
Chief, Office o Department of 601 57 th St. SI Charleston, W	Environmental Protection					
(304) 926-045 Time Limits a operator files I be filed in pers be sure of the If you have be work described Comn operator's nan the application The C 1) Th		TEEN (15) DAYS affithe Chief's office by ster to ensure adequator and you have signermit may be issued at comments must interproximate location of the condition a well work stitute a hazard to the ontrol plan is not ade	ter the filing the time state delivery ned a "volur at any time clude your not the propose, maps or permit base a safety of pquate or eff	date to file ated above time or to a ntary stater ame, addr sed well sin photographed on com- persons.	e your comments. Co . You may call the Cl arrange special exped ment of no objection" t ess and telephone nu te including district and as to support your com	mments must hief's office to ited handling. to the planned mber, the well d county from ments.
4) Th 5) Th of If you	ne proposed well work fails to pose applicant has committed a sure the rules promulgated under Community want a copy of the permit as	orotect fresh water so ubstantial violation of Chapter 22, and has	ources or su a previous failed to aba	permit or a ate or seek	review of the violation	n".
to test your wa I herel Application for	f Water Testing Laboratories ater to establish water quality p	rior to and after drilling ARY STATEMENT instructions to surface WW2-A, and attachr	ng. Contact OF NO OB owners an nents consi	the Chief JECTION d that I ha sting of pa	to obtain a copy. ve received copies of ges 1 through inc	a Notice and luding a work
described ther I furthe			•	, ,	•	
FOR EXECUT	TON BY A NATURAL PERSON	١	FOR	EXECUTION	ON BY A CORPORAT	ΓΙΟΝ, ETC.
	Signature	Date	Company Name By	Enrout F	Properties, LLC	
	C.3. (GC)		Its			Date
	Print Name		,	Glen		RECEIVED 023

₩V Department of Environmental Protection

JAN 1 0 2023

Signature

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Monongalia		. MID 19		
Operator Northeast Natural Energy LLC	Operator's Well Nu	umber IVIIF 13		
INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to: Chief, Office of Oil and Gas Department of Environmental Protection 601 57 th St. SE Charleston, WV 25304				
(304) 926-0499 extension 1654				
	WAIVER			
The undersigned coal operator _ location has examined this proposed we location, the well location has been adde work proposed to be done at this locatio requirements of the West Virginia Code	Il location. If a mine med to the mine map. T n, provided, the well o	The undersigned has no objection to perator has complied with all applic	well the	
FOR EXECUTION BY A NATURAL PERSON	FO	R EXECUTION BY A CORPORATION, E	rc.	
Date	Company Name	Enrout Properties, LLC		
Signature	By Ito) o to	
	Its	41 /0.	Date	
			4-2023	
		Signature D	ate	



JAN 1 0 2023

WW-2A1 (Rev. 1/11)

Operator's Well Number MIP 1S

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Enrout Properties, LLC	Northeast Natural Energy LLC	18.5%	1420/577

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The per mit app licant for the proposed well work addressed in this application he reby a cknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP. Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- · U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

MECEIVED

Office of Oil and Gos

JAN 1 0 2023

₩/v Department of Previronmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need f or other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be ac quired f rom the appr opriate aut hority before the affected activity is initiated.

Northeast Natural Energy LLC

Well Operator:

By:Its:

Hollie M. Medley

Regulatory Manager

WW-2B1
(5-12)

Well N	o. MIP	1S			
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West Virginia Department of Environmental Protection Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Labora	atory Name	Pace Analytical Services, LLC		
Sampling Conti	ractor	NGE		
Well Operator	Northeast Natur	ral Energy LLC		
Address	Address 707 Virginia Street East, Suite 1200			
Charleston, WV 25301				
Telephone 304.212.0422				

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

There have been no water weres or springs identified within 2,000' of the proposed MIP 15 were. Holl: Med 2/9/03

WW-9 (4/16)

API Number	47 -		-		
One	rator's	Well No	N	MP 1S	

Operator's Well No. STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOS	SAL & RECLAMATION PLAN
Operator Name_ Northeast Natural Energy LLC	OP Code 494498281
Watershed (HUC 10) Dunkard	Quadrangle Morgantown South
Do you anticipate using more than 5,000 bbls of water to complete	e the proposed well work? Yes No
Will a pit be used? Yes No V	
If so, please describe anticipated pit waste: N/A	
Will a synthetic liner be used in the pit? Yes 1	No If so, what ml.? N/A
Proposed Disposal Method For Treated Pit Wastes:	
Land Application	
Underground Injection (UIC Permit N	10.24mM/V = 0.1
Reuse (at API Number_unknown at this time Off Site Disposal (Supply form WW-9	
Other (Explain	of or disposal location)
Will closed loop system be used? If so, describe: Yes, Please Se	e Attachment "A"
Drilling medium anticipated for this well (vertical and horizontal)	? Air, freshwater, oil based, etcSurface/Intermediate - Air ; Production- Oil Based
-If oil based, what type? Synthetic, petroleum, etc. Synthetic	netic Oil Based Mud
Additives to be used in drilling medium? Organophilic Clay Viscosifiers, L	Lime, Unsaturated Fatty Acids, CaCl, Barite, Emulsifiers, Mica LCM, Water Loss Agents
Drill cuttings disposal method? Leave in pit, landfill, removed of	fsite, etc. Removed Offsite - Please See Attachment "A"
-If left in pit and plan to solidify what medium will be us	ed? (cement, lime, sawdust)
-Landfill or offsite name/permit number? Please See Atta	chment "A"
Permittee shall provide written notice to the Office of Oil and Gas West Virginia solid waste facility. The notice shall be provided with where it was properly disposed.	
on August 1, 2005, by the Office of Oil and Gas of the West Virgi provisions of the permit are enforceable by law. Violations of at law or regulation can lead to enforcement action. I certify under penalty of law that I have personally exapplication form and all attachments thereto and that, based of	
Company Official Signature Hollmeck	RECEIVED Office of Oil and Gos
Company Official (Typed Name) Hollie M. Medley	JAN 1 0 2023
Company Official Title_Regulatory Manager	
	= IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Kristen Brooks	WV Department of WV Department of Financial Protection III OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Kristen Brooks Northeast Natural Energy LLC 48 Donley St., Suite 601 Morgantown, WV 26501 My Commission Expires Aug. 10, 2023
My commission expires Aug. 10, 2025	<u> </u>

Attachment A to WW-9

Northeast Natural Energy LLC ("NNE") plans to utilize a closed loop process for its drilling of the MIP 1S well. Return flow from the well will be separated into its liquid and solid form. Liquids will be held in steel tanks and reused in the drilling and completion process or disposed of at an approved facility listed below. Solids removed from the stream will be diverted to steel half-round tanks where they will be solidified on site and taken to disposal as they are accumulated.

The Drill Cuttings will be taken to disposal at one or more of the following disposal/approved waste facilities, unless listed facilities are no longer approved to accept waste at time of disposal:

- Westmoreland Landfill (Tervita) Belle Vernon, PA (Permit # 100277)
- Meadowfill Landfill (Waste Management) Bridgeport, WV (Permit # SWF 103298)
- Max Environmental Yukon, PA (PAD004835146 and 301071)
- Max Environmental Bulger, PA (PAD059087072 and 301359)
- Chestnut Valley Landfill (Advanced Disposal) Export, PA (Permit # 101421)

NNE plans to reuse and recycle all flowback fluid and/or reach out to other operators in the area who may be able to reuse and recycle such fluid. However, in the event that reuse is not obtainable the fluid will be disposed of at one, or multiple, of the following disposal/approved waste facilities unless listed facilities are no longer approved to accept waste at time of disposal:

- Fairmont Brine Processing (WV NPDES #0116408)
- Green Hunter M. E. Elder 1 Disposal Well (Permit # 47-085-05151)
- Green Hunter Mason 1 Disposal Well (Permit #47-085-09721)
- Green Hunter Warren Disposal Well (Permit #34-121-2-3995)
- Green Hunter Travis Unit Disposal Well (Permit #34-121-2-4086)
- Viking Energy Corporation 20320 Disposal Well (Permit#47-039-02210)
- Ohio Oil Gathering Killbuck Disposal Well (Permit #34-075-24527)
- Ohio Oil Gathering Moran Disposal Well (Permit #34-089-24792)
- Ohio Oil Gathering Bells Run Disposal Well (Permit #34-167-29395)
- Ohio Oil Gathering Long Run Disposal Well (Permit #34-167-29658)
- Ohio Oil Gathering Newell Run Disposal Well (Permit #34-167-29685)
- Appalachian Oil Purchaser Greens Run Disposal Well (Permit #2D0732540)
- Appalachian Oil Purchaser BW#4 Disposal Well (Permit # 2D0732523)

Operator's Well No. MIP 1S

Proposed Revegetation Treatment: Acres Disturbed N/A		d_N/A	Prevegetation pH N/A		
Lime Tons/acre or to correct to pH		correct to pH	<u>_</u> _		
Fertilizer type					
Fertilizer amount_		lbs/acre			
MulchTons/acre					
		Seed Mixtures			
Te	emporary		Perma	nent	
Seed Type	lbs/acre		Seed Type	lbs/acre	
	·				
-					
tach: aps(s) of road, location, pi ovided). If water from the	pit will be land applied				
tach: aps(s) of road, location, pi ovided). If water from the reage, of the land applicat	pit will be land applied ion area. lved 7.5' topographic sl	d, include dimensions (L	x W x D) of the pit, and	dimensions (L x W), a	
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WW-9- GPP Rev. 5/16

	Page		of	2
API Number 47		-		
Operator's Well N	Jo. MIP 1S			

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

GROUNDWATER PROTECTION PLAN

GROUNDWATER	TROTECTION TEAN
perator Name: Northeast Natural Energy LLC	
atershed (HUC 10): Dunkard	Quad: Morgantown South
ırm Name: Morgantown Industrial Park (MIP)	
List the procedures used for the treatment and discharge of groundwater.	of fluids. Include a list of all operations that could contaminate the
No discharge of fluids.	
Describe procedures and equipment used to protect ground	dwater quality from the list of potential contaminant sources above.
List the closest water body, distance to closest water bodischarge area.	ody, and distance from closest Well Head Protection Area to the
Summarize all activities at your facility that are already re	gulated for groundwater protection.
	RECEIVE
	Office of Oil at

JAN 1 0 2023

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

WV Department of Brwironmental Protection

WW-9- GPP Rev. 5/16	Page 2 of 2 API Number 47 - Operator's Well No. MIP 1S
	NE.
6. Provide a statement that no waste material will be use	ed for deicing or fill material on the property.
7. Describe the groundwater protection instruction and provide direction on how to prevent groundwater con	d training to be provided to the employees. Job procedures shall ntamination.
Provide provisions and frequency for inspections of a	all GPP elements and equipment.

Gayne Knitowski Digitally signed by Gayne Knitowski Date: 2023.01 05 08:02:25 -05'00'

Signature: _

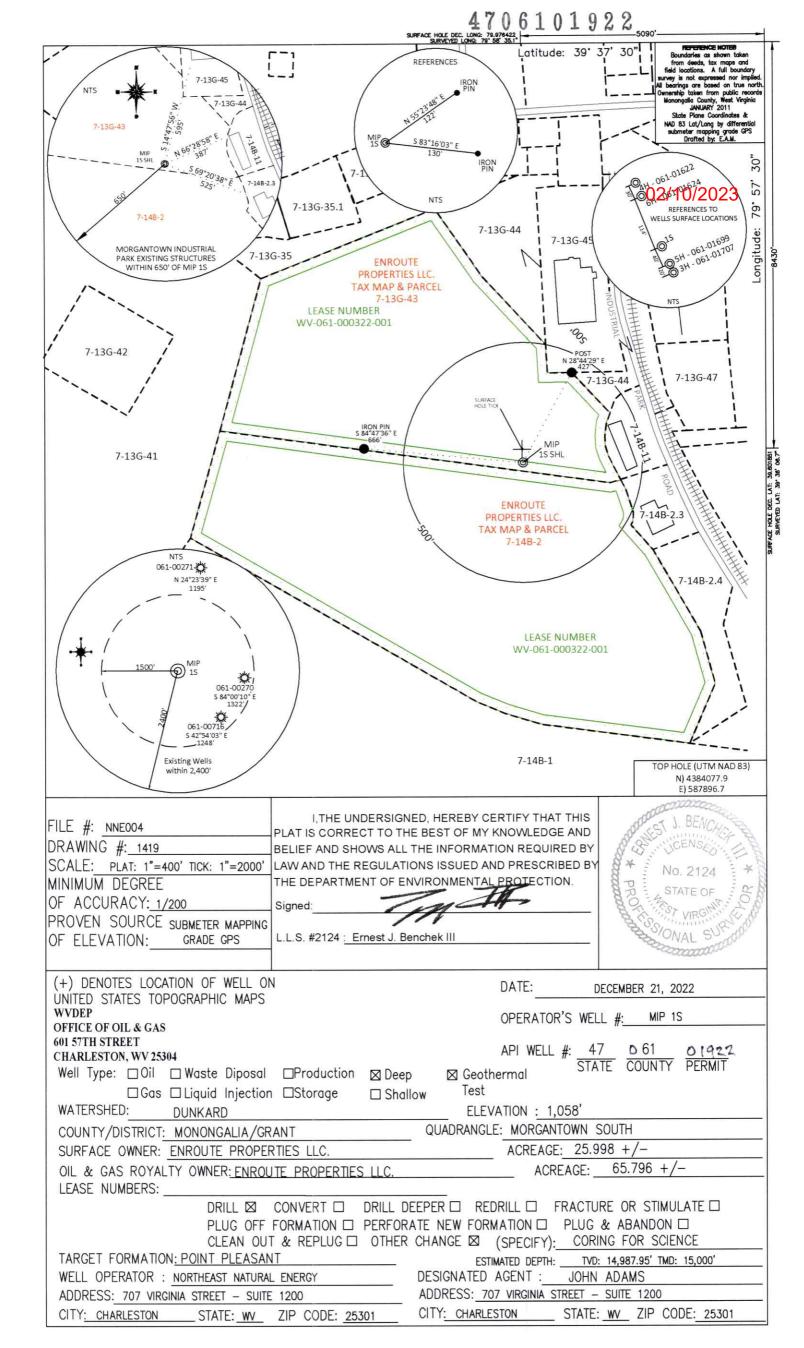
Date: __

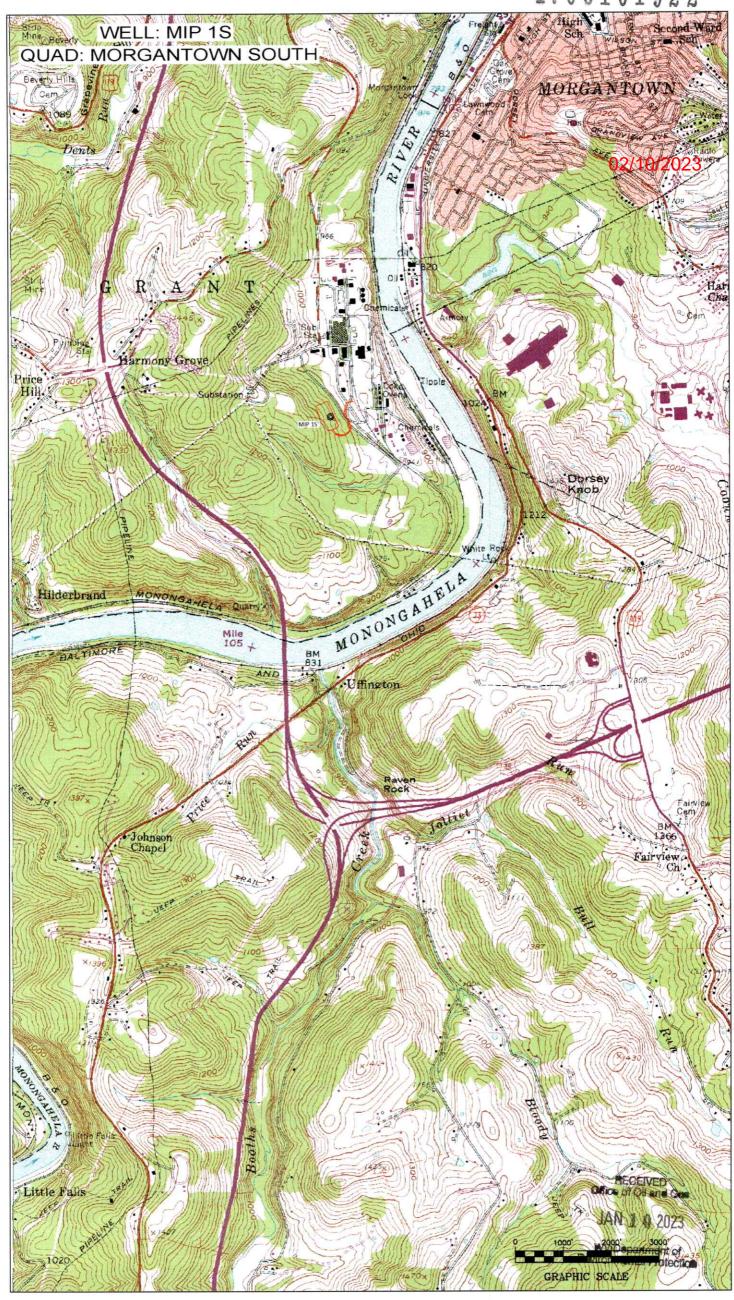
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Office of Oil and Gos

JAN 1 0 2023









January 5, 2023

WV Department of Environmental Protection Office of Oil and Gas 601 57th Street SE Charleston, WV 25304

Re: MIP 1S - Geothermal Science Well

Dear Permit Reviewer,

JAN 1 0 2023

WV Department of
Binvironmental Protection

MECEIVED

Northeast Natural Energy ("NNE") has partnered with West Virginia University and U.S. Department of Energy to drill a geothermal science well. The science well will be drilled for logging purposes only and has been planned on NNE's existing MIP well pad in the Grant District of Monongalia County, WV.

Enclosed is a complete conventional well application package, signed surface and coal waivers, and a check in the amount of \$800 for the review fee.

Should you have any questions please contact me at hmedley@nne-llc.com.

Sincerely,

Hollie Medley

Regulatory Manager

02/10/2023



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

Well work permit issued 4706101922

1 message

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

Fri, Feb 10, 2023 at 10:46 AM

To: Hollie Medley hmedley@nne-llc.com, Gayne J Knitowski gayne.j.knitowski@wv.gov, mmusick@assessor.org

To whom it may concern, a well work permit has been issued for 4706101922

