

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, December 2, 2025 WELL WORK PERMIT Horizontal 6A / New Drill

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

Permit approval for SULLIVAN 12H Re:

47-061-02021-00-00

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.

> H. Jason Harmon **Acting Chief**

Operator's Well Number:

SULLIVAN 12H Farm Name: ALAN SULLIVAN

U.S. WELL NUMBER: 47-061-02021-00-00

Horizontal 6A New Drill

Date Issued: 12/2/2025

API Number: **4706102021**

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) 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. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. 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 § 22-6A-5a (12), 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 one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 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. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
- 11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

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API NO.	47	_		-						
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STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

				/	1
1) Well Operator: Northea	st Natural Energy 📙		Monongalia	Clay	Grant Town
		Operator ID	County	District	Quadrangle
2) Operator's Well Number:	12H	Well Pac	l Name: Sulliva	an	
3) Farm Name/Surface Owne	er: Alan Sullivan	Public Roa	d Access: Rou	te 27/1	
4) Elevation, current ground:	N/A Ele	evation, proposed	post-construction	n: 1,476'	
5) Well Type (a) Gas X	Oil	Unde	erground Storag	e	
Other					
(b)If Gas	Shallow X	Deep			
]	Horizontal X				
6) Existing Pad: Yes or No	Yes	30			
7) Proposed Target Formation Marcellus, 7,998' - 8,104', 1	n(s), Depth(s), Antici 06', 5,025 psi	pated Thickness ar	nd Expected Pro	essure(s):	
8) Proposed Total Vertical De	epth: 8,082'				×
9) Formation at Total Vertica	l Depth: Marcellus	1			H. SK
10) Proposed Total Measured	Depth: 9,450'			RECE Office of O	
11) Proposed Horizontal Leg	Length: 416'			007	
12) Approximate Fresh Water	Strata Depths:	905'		UCT 3	1 2025
13) Method to Determine Fre	sh Water Depths· O	ffset Wells	E	WV Depart	ment of
14) Approximate Saltwater D			L	Environmental	Protection
15) Approximate Coal Seam I	Depths: 715' - 718'	Nashington Coal	, 895' - 905' Pi	ttsburgh C	Coal
16) Approximate Depth to Po	ssible Void (coal min	e, karst, other):			•
17) Does Proposed well locati		s Yes	No_	X	
(a) If Yes, provide Mine Info	o: Name: N/A				
	Depth:				
	Seam:				
	Owner:				

WW-6B	
(04/15)	

4706102021 API NO. 47-____

OPERATOR WELL NO. 12H
Well Pad Name: Sullivan

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	<u>Grade</u>	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	24	New	N/A	N/A	100	100	CTS
Fresh Water	13-3/8	New	J-55	54.5	1,230	1,200*	CTS
Coal	-	r e		-	₩	-	
Intermediate	9-5/5	New	J-55	36	2,530	2,500	CTS
Production	5-1/2	New	HP-P110	20	9,450	9,400	1,832
Tubing	2-7/8	New	P-110	6.5	N/A	N/A	N/A
Liners	/H:	-	-	9)	25	H	-

*depth to cover Red Rock formation

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	24	32	N/A	N/A	N/A	Class A or L	1.19
Fresh Water	13-3/8	17-1/2	0.380	2,740	1,600	Class A or L	1.14
Coal		-		_	3-	-	-
Intermediate	9-5/8	12-1/4	0.352	3,520	2,800	Class A or L	1.19
Production	5-1/2	8-3/4	0.361	15,590	11,500	50:50 POZ	1.16
Tubing	2-7/8	New	0.217	13,870	N/A	N/A	N/A
Liners	-	-	-1	-	-	-	-

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PACKERS

Kind:	Way Department of Environmental Protection
Sizes:	
Depths Set:	
zopino sot.	

WW-6B	
(10/14)	

4 Z 0 6 1 0 2 0 2 1

API NO. 47-_____

OPERATOR WELL NO. 12H

Well Pad Name: Sullivan

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Utilize auger rig to set cellar & conductor. The conductor will be set with cement to surface. Mobilize drilling rig and drill surface section on air. Run surface (freshwater & coal string) casing to desired depth. The surface casing will not penetrate sea level. Surface casing will be cemented to surface. Drill intermediate section on air. Run intermediate casing to desired depth. Intermediate casing will be cemented to surface. Drill on air the production section to the start of the curve (KOP). The well will be loaded with synthetic oil base drilling mud (SOBM). Finish drilling the production section utilizing MWD surveys and geosteering practices to maintain the wellbore in the Marcellus shale and prevent anti-collision. Production casing will be ran to TD and cement top will be inside the intermediate casing.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

A cement bond log will determine the top of production casing cement.

The production casing will be pressure tested. The hydraulic fracturing equipment will then open the toe sleeves and begin pumping the first stage. The plug-and-perf method will be used for the remaining stages. The max anticipated pressure during frac is 11,200psi and a max rate of 100bpm. Once frac has finished, a drill out rig will drill all the plugs out of the well. Flowback will then be rigged

up and flowback of the well will begin until it is ready to be turned in line via casing flow. At a later time during the life of the well, production tubing will be installed based on the wells performance.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 28.	8.65 a	(acres) 28	s etc. (pits	area	stocknile	g roads.	including	disturbed,	Area to be	(1) Total	21
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22) Area to be disturbed for well pad only, less access road (acres): 15.32 ac.

Office of Oil and Gas

23) Describe centralizer placement for each casing string:

Surface: shoe track & every 3rd joint to surface

OCT 3 1 2025

Intermediate: shoe track & every 3rd joint to surface

Production: Rigid bow centralizers at shoe track & every joint in the lateral to KOP. Bow springs from

KOP to surface every third joint.

24) Describe all cement additives associated with each cement type:

Surface: Class A or L Cement + Max 3% bwoc Calcium Chloride Fresh Water blend. Intermediate: Class A or L Cement + Max 3% bwoc Calcium Chloride + Fresh Water.

Production: 50:50 Poz (Fly Ash & Class A or L) plus additives such as defoamer, retarder, & fluid loss to

meet well specific requirements

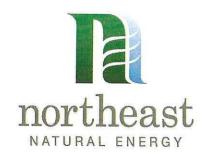
25) Proposed borehole conditioning procedures:

Surface & intermediate on air will utilize high volumetric flow rates of air to ensure the wellbore is clean prior to TOH.

Production section will utilize synthetic oil based drilling mud to properly clean the wellbore. At TD, pump rate and rotation will be used to clean hole prior to tripping out of the hole.

Production casing will be circulated prior to cementing to ensure a prepared wellbore for cement.

*Note: Attach additional sheets as needed.



October 10, 2025

Attn: Charles Taylor Brewer
WV Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Order No. 2022-14

Dear Mr. Brewer,

Northeast Natural Energy ("NNE") would like to provide notice that it may use American Petroleum Institute ("API) Class L cement in place of API Class A cement as approved by Order No. 2022-14, attached hereto, on its Sullivan 2H, 4H, 6H, 8H, 10H, and 12H well construction.

Should you have any questions please contact me at 304-212-0422 or by email at hmedley@nne-llc.com.

Sincerely,

Hollie M. Medley

Regulatory Manager

+ toll-markely

12/05/2025

OCT 3 1 2025



west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Phone (304) 926-0450 Harold D. Ward, Cabinet Secretary dep.wv.gov

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

IN THE MATTER OF A VARIANCE FROM LEGISLATIVE RULE 35CSR4 SECTION 11.5 AND LEGISLATIVE RULE)))	ORDER NO.	2022-14
35CSR8 SECTION 9.2.h.8., RELATING TO THE CEMENTING OF OIL AND GAS WELLS))		OCT 3 1 2025
			Englanmental Protection

REPORT OF THE OFFICE

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

FINDINGS OF FACT

- On July 14, 2022, Northeast Natural Energy (NNE) submitted a variance request from Legislative Rule 35CSR8 Section 9.2.h.8., for the use of API Class L cement in place of API Class A cement, relating to the construction of horizontal wells.
- Laboratory analysis submitted by NNE on July 14, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
- Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a
 variance to Legislative Rule 35CSR4 Section 11.5., for the use of API Class L cement in
 place of API Class A cement, relating to the construction of vertical wells.

Promoting a healthy environment.

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

CONCLUSIONS OF LAW

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

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

ORDER

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

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

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environmental Protection

IN THE NAME OF THE STATE OF WEST VIRGINIA

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

James Martin, Chief Office of Oil and Gas

Mine Contingency Plan

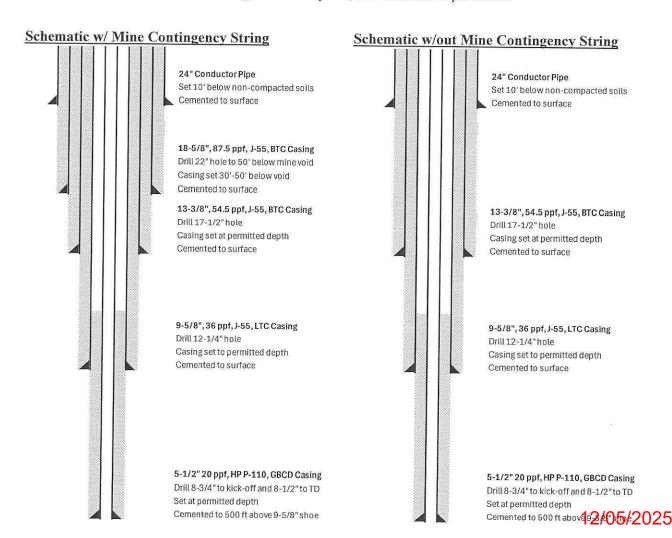
Due to the possibility of encountering an unexpected mine/void, a mine contingency plan has been put in place to cover all areas of our operation. If a mine/void is encountered, any accumulated gases will be diverted away from drilling operations a safe distance through the blooey line and flare system prior to continuing operations.

All casing programs submitted to the state are designed so that a mine contingency string can be run, should a mine/void be encountered while drilling the surface section. This is done by setting 24" conductor pipe to allow for the use of a 22" bit to ream the previously drilled 17-1/2" hole. This allows for 18-5/8" casing to be run through the mine/void, and cement in place without altering the design of the other strings. Should a mine/void be encountered during the surface section, the following steps would be taken:

- 1. Ream/drill 22" hole to 50 ft below the mine/void encountered.
- 2. Run 18-5/8" casing to 30-50 ft below the base of the void.
 - Cement baskets installed directly above and below the void.
- 3. Cement section below the void in place via balanced method.
 - 100% excess cement planned.
- 4. Cement section above the void to surface via top fill techniques.
 - 30% excess cement planned.
- 5. Wait on cement.
- 6. Drill 17-1/2" hole to permitted depth.
- 7. Run 13-3/8" surface casing, cement in place, and continue as permitted.

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Facility: Sullivan Pad Slot: 12H

Wellbore: Sullivan 12H PWB Wellpath: Sullivan 12H Ex-01

			Location	Information			
	Facility Name		Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
	Sullivan Pad		1764815.000	406882,090	39°36'53,4792N	80°13'22.9021W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
12H	-58.62	-31,36	1764783.640	406823,470	39°36'52.8974N	80°13'23.2968W	
ig on Slot 12H (KE) to Ground level (At Slot	: 12H)			25ft		
Jean Sea Level to	Ground level (At Slot: 12)	0			14760		

Rig on Stot 12H (KB) to Mean Sea Level

Targets

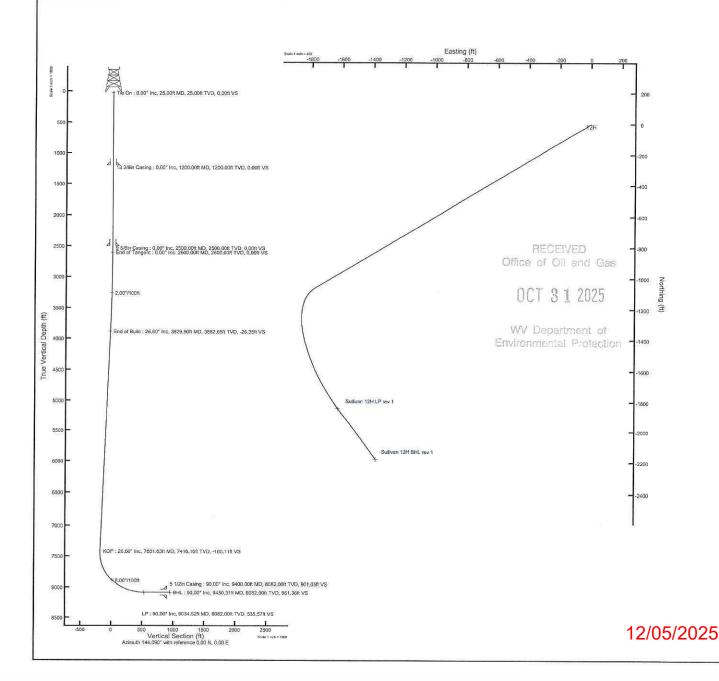
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Sullivan 12H BHL rev 1	9450,31	8082.00	-2176.25	-1383.21	1763400,51	404647.35	39°36'31,2798N	80°13'40.7458W
Sullivan 12H LP rev 1	9034.52	8082.00	-1839.50	-1627.10	1763156.64	404984.08	39°36'34,5883N	80°13'43,8967W

Hole and Casing Sections

Name	Start MD (ft)	End MD (ft)	Interval (ft)	Start TVD (ft)	End TVD (ft)	Wellbore
13 3/8in Casing	25.00	1200.00	1175.00	25.00	1200.00	Sullivan 12H PWB
9 5/8in Casing	25.00	2500.00	2475.00	25.00	2500.00	Sullivan 12H PWB
5 1/2in Casing	25.00	9400.00	9375.00	25.00	8082.00	Sullivan 12H PWB

Formation Tops

Formation	MD (ft)	TVD (ft)	Dip (°)	Dip Azimuth (*)	Formation Name
	7796.45	7340,00	0.000	0,000	MIDDLESEX
	8079.74	7592,00	0.000	0.000	GENESEO
	8370,89	7826.00	0.000	0.000	TULLY
	8446.72	7878,00	0.000	0.000	HAMILTON
	8663.70	7998.00	0.000	0.000	UPPER MARCELLUS
	8773.79	8040,00	0.000	0.000	CHERRY VALLEY
	8780.15	8042.00	0.000	0,000	LOWER MARCELLUS
SECURE SECTION	N/A	8103.00	0.000	0.000	ONONDAGA



4706102021

API Nun	nber 47 -

Operator's Well No. Sullivan 12H

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Northeast Natural Energy LLC OP Code 494498281
Watershed (HUC 10) Upper Monongahela Quadrangle Grant Town
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
Will a pit be used? Yes No V
If so, please describe anticipated pit waste: N/A
Will a synthetic liner be used in the pit? Yes No If so, what ml.? N/A
Proposed Disposal Method For Treated Pit Wastes:
Land Application
Underground Injection (UIC Permit Number)
Reuse (at API Number uknown at this time, TBD Off Site Disposal (Supply form WW-9 for disposal location)
Other (Explain_
Will closed loop system be used? If so, describe: Yes, Please see attachment "A"
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Vertical - Air/ Curve & Horizontal - Oil Based
-If oil based, what type? Synthetic, petroleum, etc. Synthetic Oil Based Mud
Additives to be used in drilling medium? Organophilic Clay Viscosifiers, Lime, Unsaturated Fatty Acids, CaCl, Barite, Emulsifiers, Mica LCM, Water Loss Agents
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed Offsite - Please See Attachment "A"
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)
-Landfill or offsite name/permit number? Please see Attachment "A"
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 August 1, 2005, 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 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 OOL OF Oil and Gas
Company Official (Typed Name) Hollie Medley
Company Official Title Regulatory Manager
Mes a standard of
Subscribed and sworn before me this Aug of October 20 75
OFFICIAL SEAL
My commission expires Warch 34.3030 Notary Public NOTARY PUBLIC STATE OF WEST VIRGINIA KIMBERLY THOMPSON Northest Natural Energy North Sales of the
48 Donley Street Suite 601, Morganiown WV 26

Operator's Well No. Sullivan 12H

Proposed Revegetation Treatment: Acres Disturbed	28.65 Prevegetation pH 5-7	7
Lime 2 Tons/acre or to co	errect to pH 7	
Fertilizer type 19-19-19		
Fertilizer amount 300	lbs/acre	
Mulch_ 2	Tons/acre	
	Seed Mixtures	
Temporary	Permanent	
Seed Type lbs/acre Orchard Grass 46	Seed Type Orchard Grass	lbs/acre 46
Red Clover 8	Red Clover	8
Tetraploid Perennial Rye 16	Tetraploid Perennial Rye	16
Extract NAS OF SOIL SE VAN DOS DE		(2/1807)
Maps(s) of road, location, pit and proposed area for la provided). If water from the pit will be land applied, acreage, of the land application area.	Timothy 15 Annual Rye and application (unless engineered plans including the include dimensions (L x W x D) of the pit, and dimensions	is info have been asions (L x W), and are
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Monongalia County Site Safety Plan

Sullivan Well Pad
2025

Robert 1. Hitt
10-24-25

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Office of Oil and Gas

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Environmental Protection

Sullivan Well Pad

Clay District Monongalia County

ACCESS ROAD ENTRANCE

338 Brine Road Fairview, WV 26570

39.627869 Lat, -80.213719 Long (WV-83)

N 4386751.0, E 567480.0 (NAD 83 UTM)

DRIVING DIRECTIONS

Take Chaplin Hill Road (County Rt. 19/24) east for 0.6 miles to the intersection of County Rt. 19/24 and US

Rt. 19. Turn left onto US Rt. 19 and travel north for 1.7 miles to the intersection of US Rt. 19 and WV Route

7 (Mason Dixon Highway). Turn left onto WV Route No. 7 and travel west for 13.9 miles to the intersection

of WV Route 19 and WV Route No. 218 (Daybrook Road). Turn left onto WV Route No. 218 and travel 7.6

miles to the intersection of WV Route 7 and County Route No. 27 (Statler Run Road). Turn left onto County

Route No. 27 and travel east for 0.15 miles to the intersection of County Route No. 27 and County Route

No. 27/1 (an unmaintained state right of way). Turn right onto County Route 27/1 and travel south for 1.

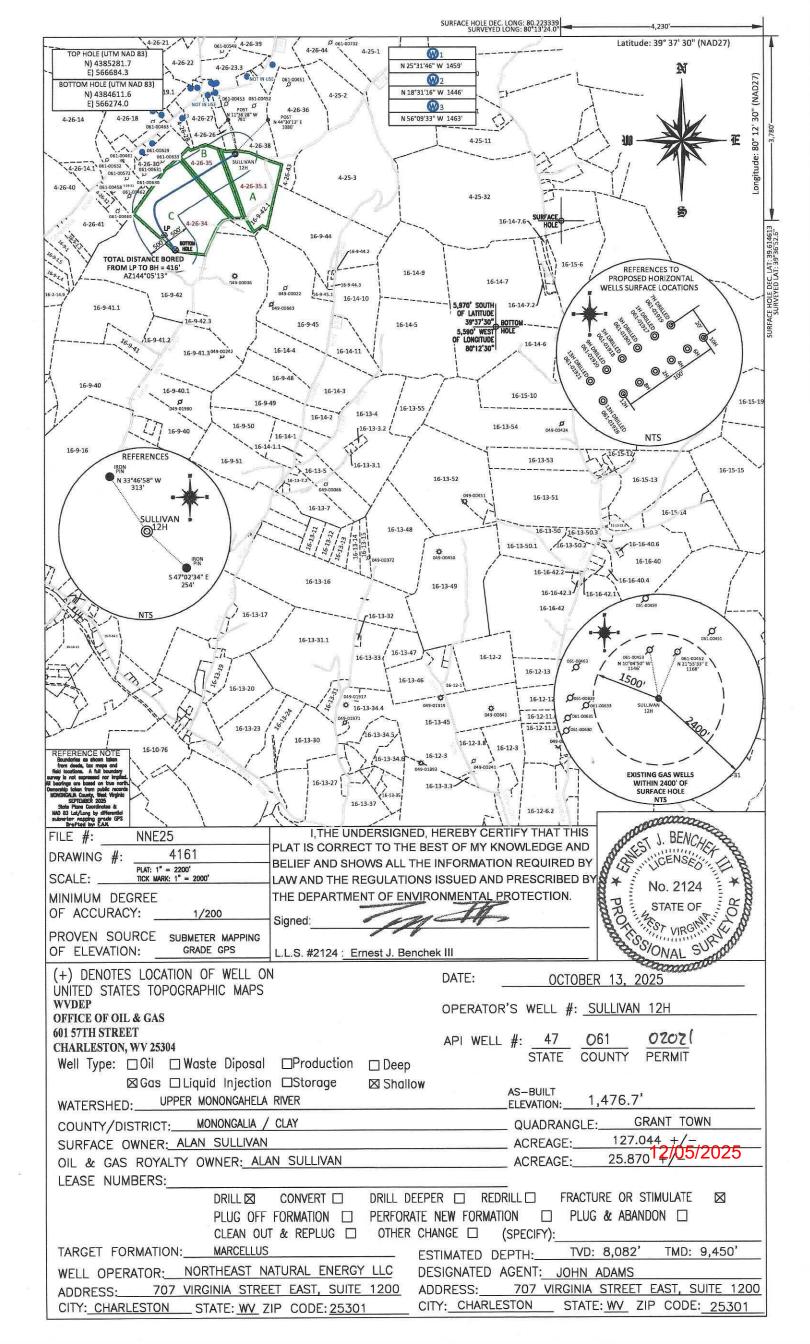
4 miles to the well access road on the right

*See Attached Maps



Keystone

GRAPHIC SCALE



	PROPERTY OWNER INDEX
4-26-35.1	ALAN SULLIVAN
4-26-35	JAMES LOUIS DOUKAS
4-26-34	SHIRLEY J NEELY, DEANNA M FRAZIER,
	DONNA J WALDEN & DARRIN NEELY

	LEASE INDEX
Α	WV-061-005448-002
В	WV-061-006176-001
C	WV-061-006238-004

12/05/2025

FILE #:NNE25	DATE: 0CTOBER 13, 2025
DRAWING #:4161	OPERATOR'S WELL #: SULLIVAN 12H
SCALE:N/A	API WELL #: 47 061 0207

WW-6A1 (5/13)

Operator's Well No. Sullivan 12H

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) 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:

Lease Name or Number

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See Attached

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

The permit applicant for the proposed well work addressed in this application hereby acknowledges 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

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Northeast Natural Energy

Ву:

Hollie Medley +

Its:

Regulatory Manager

Page 1 of _______

VVV Department of

Environmental Protection

	WW-6A1			Operators Well No. Sullivan 12H			
Tra	act	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
	L	WV-061-005448-002	Alan Sullivan	Northeast Natural Energy LLC	12.5% or higher	1772	466
		WV-049-106978-004	Pamela Whisler Cox	Northeast Natural Energy LLC	12.5% or higher	1821	365
F	4	WV-061-006979-001	David Mark McClimans	Northeast Natural Energy LLC	12.5% or higher	1876	191
		WV-061-006979-002	James Todd McClimans	Northeast Natural Energy LLC	12.5% or higher	1876	193
		WV-061-006979-003	Basnett Oil and Gas, LLC	Northeast Natural Energy LLC	12.5% or higher	1876	196
		WV-061-006176-001	James Louis Doukas	Northeast Natural Energy LLC	12.5% or higher	1798	733
E	3	WV-061-006172-001	Basnett Oil and Gas, LLC	Northeast Natural Energy LLC	12.5% or higher	1797	119
		WV-061-006172-002	Donald McClimans	Northeast Natural Energy LLC	12.5% or higher	1826; 1829	631; 455
		WV-061-006176-003	Pamela Whisler Cox A	Northeast Natural Energy LLC	12.5% or higher	1821	365
		WV-061-006238-004	Wayne M. Neely	Northeast Natural Energy LLC	12.5% or higher	1810	341
		WV-061-006238-002	Deanna M. Frazier	Northeast Natural Energy LLC	12.5% or higher	1807	583
		WV-061-006238-005	Donna J. Walden	Northeast Natural Energy LLC	12.5% or higher	1807	581
		WV-061-006238-003	Darren Neely	Northeast Natural Energy LLC	12.5% or higher	1807	577
		WV-061-006373-008	Marc Fox	Northeast Natural Energy LLC	12.5% or higher	1825	609
		WV-061-006332-005	Mikell Ann Wilson Reagan	Northeast Natural Energy LLC	12.5% or higher	1810	53
		WV-061-006332-003	Julia Kay Wilson Hill	Northeast Natural Energy LLC	12.5% or higher	1810	51
		WV-061-006332-004	Royal J. Burnett	Northeast Natural Energy LLC	12.5% or higher	1810	62
		WV-061-006332-006	Randy Lynn Snyder	Northeast Natural Energy LLC	12.5% or higher	1810	609
1		WV-061-006332-002	Marvin Lynn Wilson	Northeast Natural Energy LLC	12.5% or higher	1810	65
		WV-061-006373-007	Susan Engle Patton	Northeast Natural Energy LLC	12.5% or higher	1823	243
(C	WV-061-006373-003	Donald David Engle, Jr.	Northeast Natural Energy LLC	12.5% or higher	1823	237
		WV-061-006373-005	Nancy Kelley	Northeast Natural Energy LLC	12.5% or higher	1823	241
		WV-061-006373-004	Thomas Sloan Engle	Northeast Natural Energy LLC	12.5% or higher	1823	239
		WV-061-006373-006	Douglas Scott Engle	Northeast Natural Energy LLC	12.5% or higher	1823	245
		WV-061-006373-009	Steven Barnard Engle	Northeast Natural Energy LLC	12.5% or higher	1825	611
		WV-061-006332-001	Barbara Ellen Henderson	Northeast Natural Energy LLC	12.5% or higher	1807	627
		WV-061-006454-001	Ruth Ann Burns	Northeast Natural Energy LLC	12.5% or higher	1821	353
		WV-061-006373-001	Nancy Lawler	Northeast Natural Energy LLC	12.5% or higher	1810	693
		WV-061-006373-002	Franciscan Monastery USA, Inc., f/k/a Commissariat of the Holy Land, Franciscan Monastery	Northeast Natural Energy LLC	12.5% or higher	1814	556
		WV-061-006172-001	Basnett Oil and Gas, LLC	Northeast Natural Energy LLC	12.5% or higher	1797	119
		WV-061-006172-002	Donald McClimans	Northeast Natural Energy LLC	12.5% or higher	1826;1829	631;455
		WV-061-006176-003	Pamela Whisler Cox	Northeast Natural Energy LLC	12.5% or higher	1821	365

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November 5, 2025

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

RE: Sullivan 12H

Dear Permit Reviewer:

Please be advised that Northeast Natural Energy LLC has the right to drill, extract and produce the minerals beneath the following as identified on the included plat:

*No roads will be drilled under

Tyle C. Allemy

Sincerely,

Tyler Murray Landman II WW-PN (11-18-2015)

Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given: Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.
Paper: The Dominion Post
Public Notice Date: October 10, 2025 & October 17, 2025
The following applicant intends to apply for a horizontal natural well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads or utilizes more than two hundred ten thousand gallons of water in any thirty day period.
Applicant: Northeast Natural Energy LLC / Well Number: Sullivan 2H, 4H, 6H, 8H, 10H, 12H
Address: 707 Virginia St.E, Ste 1200
Charleston, WV 25301
Business Conducted: Natural gas production. Location —
State: West Virginia / County: Monongalia / Grant Town
District: Clay Quadrangle: Grant Town UTM Coordinate NAD83 Northing: 2H-4385288.9, 4H-4385292.4, 6H-4385292.6, 0, 8H-4385299.6, 12H-4385299.6, 12H-4385281.7
UTM coordinate NAD83 Easting: 2H- 566694.2, 4H- 566699.1, 6H-566704.0, 8H- 566689.2, 10H- 566708.9, 12H- 566684.3
Watershed: Upper Monongahela
Coordinate Conversion: To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php
Electronic notification: OCT 3 1 2025 To receive an email when applications have been received or issued by the Office of Oil and Gas, visit http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx to sign up.
http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx to sign up. Wy Department of the projection and

Reviewing Applications:

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to <u>DEP.comments@wv.gov</u>.

Submitting Comments:

Comments may be submitted online at https://apps.dep.wv.gov/oog/comments/comments.cfm, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

Date of Notice Certification: 10/17/2025

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

API No. 47-

		Operator's V	Well No. 12H	
		Well Pad Na	ame: Sullivar	1
below for the	ne provisions in West Virginia Code tract of land as follows:	§ 22-6A, the Operator has provided the requ		with the Notice Forms listed
State: County:	West Virginia	III (N N N N N N N N N N N N N N N N N	566684.3	
District:	Monongalia Clay	Northing: 4	4385281.7	
Quadrangle:	Grant Town	FOR THE RESIDENCE OF A STOCK SHOWN THE STOCK S	Route 27/1	
Watershed:	Upper Monongahela	Generally used farm name:	Sullivan	
Wateronea.				
prescribed by it has provide information re of giving the requirements Virginia Code	the secretary, shall be verified and set the owners of the surface described equired by subsections (b) and (c), se surface owner notice of entry to su of subsection (b), section sixteen o	every permit application filed under this hall contain the following information: (14) ped in subdivisions (1), (2) and (4), subsection sixteen of this article; (ii) that the requirevery pursuant to subsection (a), section tent of this article were waived in writing by the ender proof of and certify to the secretary that.	A certification (b), security was not this article surface over	on from the operator that (i) ction ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice wher; and Pursuant to West
that the Oper	rator has properly served the require	erator has attached proof to this Notice Cer d parties with the following:	tification	OOG OFFICE USE
*PLEASE CHE	CK ALL THAT APPLY			ONLY
☐ 1. NOT	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BECAUS SEISMIC ACTIVITY WAS CONDUCTED		☐ RECEIVED/ NOT REQUIRED
☐ 2. NOT	ICE OF ENTRY FOR PLAT SURV	EY or NO PLAT SURVEY WAS CON	NDUCTED	RECEIVED
■ 3. NOT	TCE OF INTENT TO DRILL or	☐ NOTICE NOT REQUIRED BECAUS NOTICE OF ENTRY FOR PLAT SURVE WAS CONDUCTED or		☐ RECEIVED/ NOT REQUIRED
		WRITTEN WAIVER BY SURFACE (PLEASE ATTACH)		
■ 4. NOT	ICE OF PLANNED OPERATION	OCT SI	50.52	☐ RECEIVED
■ 5. PUB	LIC NOTICE	Environmental WV Departs	ment of Prospetion	☐ RECEIVED
■ 6. NOT	ICE OF APPLICATION	EUVIO		☐ RECEIVED

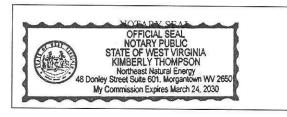
Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

Certification of Notice is hereby given:

THEREFORE, I House West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, 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 and imprisonment.

Well Operator:	Northeast Natural Energy LLC	Address:	707 Virginia Street E.Suite 1200	
By:	Hollie Medley		Charleston, WV 25301	
Its:	Regulatory Manager	Facsimile:	W 100 Marin 100	
Telephone:	304-212-0422	Email:	hmedley@nne-llc.com	
			STANDARD CONTROL WITH CONTROL OF THE STANDARD CONTROL	



Subscribed and sworn before me this day of October

Notary Public

My Commission Expires Warch 24, 2030

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Office of Calend Gas OCT 3 1 2025 WV Department of Environmental Protection

4706102021

API NO. 47-__
OPERATOR WELL NO. 12H

Well Pad Name: Sullivan

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 10/17/25 Date Permit Application Filed: 10/27/25 Notice of: PERMIT FOR ANY ☐ CERTIFICATE OF APPROVAL FOR THE WELL WORK CONSTRUCTION OF AN IMPOUNDMENT OR PIT Delivery method pursuant to West Virginia Code § 22-6A-10(b) ☐ PERSONAL REGISTERED ☐ METHOD OF DELIVERY THAT REQUIRES A SERVICE RECEIPT OR SIGNATURE CONFIRMATION MAIL Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule. ☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to: ☑ COAL OWNER OR LESSEE

Name: See Attached

Office of Oil and Gas ☑ SURFACE OWNER(s) Name: See Attached Address: Address: COAL OPERATOR Name: Www Department of Address: Environmental Protection SURFACE OWNER(s) (Road and/or Other Disturbance) Name: See Attached M SURFACE OWNER OF WATER WELL. Address: AND/OR WATER PURVEYOR(s) Name: See Attached Name: Address: ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD ☐ SURFACE OWNER(s) (Impoundments or Pits) Name: ____ Name: Address: Address: *Please attach additional forms if necessary

4706102021

API NO. 47-__
OPERATOR WELL NO. 12H

Well Pad Name: Sullivan

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oif-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

12/05/2025

API NO. 47-____O_6 1 0 2 0 2 1
OPERATOR WELL NO. 12H

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

OCT 3 1 2025

WV Department of Environmental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

4706102021 API NO. 47-

OPERATOR WELL NO. 12H

Well Pad Name: Sullivan

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY** (30) **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.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and 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.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

(1) The proposed well work will constitute a hazard to the safety of persons;

(2) The plan for soil erosion and sediment control is not adequate or effective;

(3) Damage would occur to publicly owned lands or resources; or

(4) The proposed well work fails to protect fresh water sources or supplies.

OCT 3 1 2025

Vin Sabalisani ni Envionnesiai Projection

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

API NO. 47- 6 1 0 2 0 2 1
OPERATOR WELL NO. 12H
Well Pad Name: Sullivan

Notice	ig	hereby	givan	hw.
TIOUTE	19	nereny	given	DV:

Well Operator: Northeast Natural Energy LLC
Telephone: 304-414-7060
Email: hmedley@nne-llc.com

Address: 707 Virginia St. E, Suite 1200

Charleston, WV 25301

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Facsimile:



Subscribed and sworn before me this Hay of Ideby, 2025.

Notary Public

My Commission Expires March 24. 2030

RECEIVED
Office of Oil sale fees

OCT 3 1 2025

WV Department of Environmental Protection

Operator	Well	No.	Sullivan Pad	

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requientry	irement: Notice shall be pro	ovided at least SEVEN (7) days but no more that	an FORTY-FIVE (45) days prior to
Date of Notice: 4/30	Date of Pla	nnned Entry: 5/10/2021	
Delivery method n	ursuant to West Virginia (
-	-		
☐ PERSONAL	☐ REGISTERED		EQUIRES A
SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIR	RMATION
but no more than for beneath such tract the owner of minerals us and Sediment Control Secretary, which star enable the surface or	rty-five days prior to such en that has filed a declaration pure inderlying such tract in the co of Manual and the statutes are tement shall include contact when to obtain copies from the	Prior to filing a permit application, the operator is required pursuant to this article. Such notice atry to: (1) The surface owner of such tract; (2) resuant to section thirty-six, article six, chapter to bunty tax records. The notice shall include a stand rules related to oil and gas exploration and prinformation, including the address for a web passes secretary.	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion
Notice is hereby pro			
Name: Edward & Karle		☐ COAL OWNER OR LE	SSEE
		_ Name:	Dron
Star City, WV	Ave 26505	Address:	RECEIVED Office of Oil and o
Name:		-	Those of the arm is
Address:		☐ MINERAL OWNER(s)	OCT P T TOTAL
S-Weill College			
Name:		Name:Address:	
Address:			
		*please attach additional forms if nec	cessary
a plat survey on the ti	ginia Code § 22-6A-10(a), neract of land as follows:	otice is hereby given that the undersigned well	operator is planning entry to conduct
State: West Virginia County: Mononga		Approx. Latitude & Longitude:	LAT: 39° 36'53.15", LON: -80° 13'22.77"
District: Clay	ilia	Public Road Access:	Breezy Height-Tennant Rd (27/1)
,,	wn	watersned:	Upper Monongahela River
Quadrangio, Clant 10	WIL	Generally used farm name:	Sullivan
Charleston, WV 2530 obtained from the Secondaries is hereby given Well Operator: Notice is hereby given Norther North	14 (304-926-0450). Copies of the copies of t	Manual and the statutes and rules related to oil epartment of Environmental Protection headque of such documents or additional information re wv.gov/oil-and-gas/pages/default.aspx. Address:	nutous located at CO1 cells of the
Email: 304-41	4-7060		200 Charleston, WV 25301
Email.		Facsimile: 304-241-5972	
Oil and Cas Buiss	NT	MUSCULINE CONTROL OF THE PROPERTY OF THE PROPE	

Oil and Gas Privacy Notice:

Operator Well No. Sullivan Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Tim entry	e Requirement:	Notice shall be provi	ded at	least SEVEN (7)	days but no more th	nan FORTY-FIVE (45) days prior to
	ice: 4/30/2021	Date of Plan	ned E	ntry: 5/10/2021		
Delivery m	ethod pursuant	to West Virginia Co	de 8 2	2-6A-10a		
			150			
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SERVI		MAIL			GNATURE CONFI	
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-	eby provided to	:				
■ SURFA	CE OWNER(s)				AL OWNER OR LE	ESSEE
	ın Sullivan					
Address: 106	Hickory Ct			Address:		
Name	iels, WV 25832			-		
				Пап		
					ERAL OWNER(s)	
Name:				Name:		
Address:				Address:		
-					ch additional forms if ne	
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District:	-			Public Road	Access:	Breezy Height-Tennant Rd (27/1)
Quadrangle:				Watershed:	ed farm name:	Upper Monongahela River
						Sullivan
Charleston, W	V 25304 (304-9	ciary, at the wy vitiens	artmer such d	it of Environments locuments or addit	il Protection headqu	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Notice is her	eby given by:					
Well Operator	: Northeast Natural E	neray II.C		Address:		
Telephone:	304-414-7060	inergy, LEG		- Address;	707.17	
Email:				Facsimile:		1200 Charleston, WV 25301
				racsimile;	304-241-5972	
Oil and Gas	Privacy Notice	. *				

Operator Well No. Sullivan Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Tim entry	e Requirement: Notice shall be provide	d at least SEVEN (7) days but no more the	an FORTY-FIVE (45) days prior to
Section 1997 Section 1997	tice: 4/30/2021 Date of Planne	d Entry: 5/10/2021	
Delivery m	ethod pursuant to West Virginia Code	§ 22-6A-10a	
☐ PERSO	ONAL	■ METHOD OF DELIVERY THAT R	EQUIDES 4
SERVI		RECEIPT OR SIGNATURE CONFI	PMATION
	The state of the s		
but no more beneath such owner of mi and Sedimer Secretary, wenable the su	than forty-five days prior to such entry to than forty-five days prior to such entry to a tract that has filed a declaration pursuar merals underlying such tract in the county at Control Manual and the statutes and ru hich statement shall include contact infor arface owner to obtain copies from the se	r to filing a permit application, the operator to filing a permit application, the operator quired pursuant to this article. Such notice oc (1) The surface owner of such tract; (2) at to section thirty-six, article six, chapter of tax records. The notice shall include a sales related to oil and gas exploration and remation, including the address for a web proceedings.	shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion
Notice is he	reby provided to:		
SURFA	CE OWNER(s)	☐ COAL OWNER OR LI	ESSEE
- 13144.	id M & Dawn M Lindner	Name:	
Address: 311	Lindner Ln ilhton, PA 15479	Address:	Office of Oil and Ga
Name	minion, PA 154/9		0.00
Address:		☐ MINERAL OWNER(s)	OCT 8 1 2025
		Name:	
Name:		Address:	20
Address:	de la companya de la	*please attach additional forms if no	
Pursuant to V	on the tract of faild as follows:	e is hereby given that the undersigned wel	l operator is planning entry to conduct
County:	Monongalia Monongalia		LAT: 39° 36'53.15", LON: -80° 13'22,77"
District:	Clay		Breezy Height-Tennant Rd (27/1) Upper Monongahela River
Quadrangle:	Grant Town		Sullivan
Charleston, W	state Erosion and Sediment Control Man	nual and the statutes and rules related to of tment of Environmental Protection headques to documents or additional information.	parters located at 601 57th Cturat CE
Notice != 1			
Well Operator	reby given by: C: Northeast Natural Energy, LLC	Addusses	
Telephone:	304-414-7060	Address:	
Email:	004-414-7000	77	1200 Charleston, WV 25301
www.cdeser.com		Facsimile: 304-241-5972	
Oil and Gas	Privacy Notice:		

Operator	Well	No.	Sullivan Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

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Delivery m	ethod pursua	nt to West Virginia C	ode § 22-6A-10a			
☐ PERSO	ONAL [REGISTERED	■ METHOD (OF DE	ELIVERY THAT R	EOUIRES A
SERVI	CE	MAIL	RECEIPT O	R SIC	NATURE CONFI	RMATION
but no more beneath sucl owner of mi and Sedimer Secretary, w enable the su	than forty-fivent that has nerals underly at Control Mar hich statement arface owner to	e days prior to such ent filed a declaration pur- ing such tract in the co- nual and the statutes and t shall include contact it to obtain copies from the	s required pursuant to ry to: (1) The surfact suant to section thirt unty tax records. The d rules related to oil information, including	o this a e own y-six, e noti	article. Such notice er of such tract; (2) article six, chapter ce shall include a si	or shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to
Notice is he	reby provided	l to:				
SURFA	CE OWNER(s)		COA	L OWNER OR LE	ESSEE
Name: James Louis Doukas Name:						
Address: 134			Add	dress:		
	ariotte Hall, MD 206:					
Address:	WAY.		П	MINI	EDAL OWNERS	
					ERAL OWNER(s)	
Name:			7 d.	ne:		
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			*plea	ase attac	ch additional forms if no	cessary
Pursuant to V	reby given: Vest Virginia (on the tract of	land as follows:				l operator is planning entry to conduct
County:	-	The second second	Approx Public 1		ude & Longitude:	LAT: 39° 36'53.15", LON: -80° 13'22,77"
District:	- To	- Company	Watersl		Access:	Breezy Height-Tennant Rd (27/1)
Quadrangle:	Grant Town	255.	General	Generally used farm name:		Upper Monongahela River Sullivan
Copies of the may be obtair Charleston, W obtained from	state Erosion and from the Selver 25304 (30) the Secretary	and Sediment Control Recretary, at the WV De 4-926-0450). Copies of by visiting <u>www.dep.v</u>	Manual and the statu partment of Environ of such documents or	tes an	d rules related to oi	I and gas exploration and production parters, located at 601 57 th Street, SE, elated to horizontal drilling may be
	reby given by	400				
Well Operator	Northeast Natu	ral Energy, LLC	Addre	ess:		
Telephone:	304-414-7060				707 Virginia St. E, Suite	1200 Charleston, WV 25301
Email:			Facsin	nile:	304-241-5972	
Oil and Gas	Privacy Not	ice:	1			

Operator	Well	No.	Sullivan Pad	

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

		an FORTY-FIVE (45) days prior to
Date of Notice: 4/30/2021 Date of Pl	anned Entry: 5/10/2021	
Delivery method pursuant to West Virginia	Code § 22-6A-10a	
_		
☐ PERSONAL ☐ REGISTERED	METHOD OF DELIVERY THAT R	EQUIRES A
SERVICE MAIL	RECEIPT OR SIGNATURE CONFL	RMATION
Pursuant to West Virginia Code § 22-6A-10(a), on to the surface tract to conduct any plat surve but no more than forty-five days prior to such e beneath such tract that has filed a declaration prowner of minerals underlying such tract in the cand Sediment Control Manual and the statutes a Secretary, which statement shall include contact enable the surface owner to obtain copies from the statute of the surface owner to obtain copies from the statute of the surface owner to obtain copies from the surface of the surface owner to obtain copies from the surface of the surfac	ys required pursuant to this article. Such notice ntry to: (1) The surface owner of such tract; (2) irsuant to section thirty-six, article six, chapter county tax records. The notice shall include a sign rules related to oil and gas exploration and put information, including the address for a year.	shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any fatement that copies of the state Erosion
Notice is hereby provided to:	_	
SURFACE OWNER(s)	☐ COAL OWNER OR LE	ESSEE
Name: Clifton E Tennant Jr.	Name:	Distribution toward
Address: 50 Eagle Dr Fairview, WV 26570 Name:	Address:	RECEIVED Office of Oil and Gr
Name:		SHOOL AT ACH BEING CE
Name:Address:	☐ MINERAL OWNER(s)	OCT 3 1 2025
	_ MINERAL OWNER(S)	
Name:	Address:	The state of the s
A J.J.	- Audicss.	
Address:		Francis and Francis
Address:	*please attach additional forms if ne	ecessary
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), 1 a plat survey on the tract of land as follows: State: West Virginia County: Monongalia	Approx. Latitude & Longitude: Public Road Access:	LAT: 39° 36'53.15", LON: -80° 13'22.77"
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), 1 a plat survey on the tract of land as follows: State: West Virginia County: Monongalia District: Clay	Approx. Latitude & Longitude: Public Road Access: Watershed:	LAT: 39° 36'53.15", LON: -80° 13'22.77" Breezy Height-Tennant Rd (27/1)
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), 1 a plat survey on the tract of land as follows: State: West Virginia County: Monongalia	Approx. Latitude & Longitude: Public Road Access: Watershed:	operator is planning entry to conduct LAT: 39° 36'53.15", LON: -80° 13'22.77"
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), 1 a plat survey on the tract of land as follows: State: West Virginia County: Monongalia District: Clay	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: Manual and the statutes and rules related to oil Department of Environmental Protection headqu	LAT: 39° 36'53.15", LON: -80° 13'22.77" Breezy Height-Tennant Rd (27/1) Upper Monongahela River Sullivan I and gas exploration and production
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), 1 a plat survey on the tract of land as follows: State: West Virginia County: Monongalia District: Clay Quadrangle: Grant Town Copies of the state Erosion and Sediment Control may be obtained from the Secretary, at the WV E Charleston, WV 25304 (304-926-0450). Copies obtained from the Secretary by visiting www.dep Notice is hereby given by:	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: Manual and the statutes and rules related to oil Department of Environmental Protection headqu	LAT: 39° 36'53.15", LON: -80° 13'22.77" Breezy Height-Tennant Rd (27/1) Upper Monongahela River Sullivan I and gas exploration and production
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Operator Well No. Sullivan Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time R entry	equirement:	Notice shall be provide	ed at least SEV	EN (7) da	ys but no more tha	n FORTY-FIVE (45) day	s prior to
Date of Notice:	4/30/2021	Date of Planne	ed Entry: 5/10/2	021	<u> </u>		
Delivery metho	od pursuant (to West Virginia Code	§ 22-6A-10a				
☐ PERSONA	AL 🗆	REGISTERED	■ METHO	O OF DEL	IVERY THAT RE	QUIRES A	
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Quadrangle: _G	rant Town		Gen	erally use	d farm name:	Sullivan	
may be obtained Charleston, WV obtained from the	I from the Sec 25304 (304- ne Secretary b	eretary, at the WV Depa 926-0450). Copies of s y visiting <u>www.dep.wv</u>	artment of Env such document	ironmenta s or additi	l Protection headquonal information re	l and gas exploration and parters, located at 601 57 th elated to horizontal drilling	Street, SE,
Notice is here			88	1392			
Well Operator:	Northeast Natura	l Energy, LLC	A	ddress:			
Telephone:	304-414-7060					1200 Charleston, WV 25301	
Email:	/ <u></u>	- Alternative and the state of	Fa	acsimile:	304-241-5972		and the same of th

Oil and Gas Privacy Notice:

Operator Well No. Sullivan Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Delivery method pursuant to West Virginia Code § 22-6A-10a PERSONAL	entry	equirement: Notice shall be provided at le		n FORTY-FIVE (45) days prior to					
PERSONAL	Date of Notice:	Date of Planned En	try: 5/10/2021						
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) SURFACE OWNER(s) Mame: Larry Notan & Linda Meas Payton Address: SONyers Run Rd Address: Mame: Address: Mame: Address: Marticlea Meas Payton Marticlea Meas Payton Address: Marticlea Meas Payton Marticlea Meas Payton Address: Marticlea Meas Payton Mineral Owner(s) Payton Meas Meas Meas Meas Meas Meas Meas Meas	Delivery metho	ed pursuant to West Virginia Code § 22-	-6A-10a						
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any error lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) SURFACE OWNER(s) SURFACE OWNER(s) Address: Survey Notine & Lincy Notine & Linck Mase Payton Address: Address: Address: Manne: Address: Approx. Latitude & Longitude: LAT: 39° 3653.15; LON: 80° 1322.77 Public Road Access: Beauty Holgh-Tennand Rd (277) Upper Monongabila River Sullivan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 2.5304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.vv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: Menongabila Steps default.aspx. Notice is	☐ PERSONA	FRSONAL REGISTERED METHOD OF DELIVERY THAT REQUIRES A							
on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner or minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Lary Nolan a Linda Mae Payton Address: SOWyars Run Rd Address: SOWyars Run Rd Address: WARD ODER LESSEE Name: Address: WARD ODER LESSEE Name: Address: SOWyars Run Rd Payton Payton Payton Payton Address: Sowyars Run Rd Payton Pa									
SURFACE OWNER(s) Name: Lary Nolan & Linda Mae Payton Address: 30 Wyers Run Rd Address: 4 Address: 6 OWNER(s) Name: Address: 6 OWNER(s) Notice is hereby given: 6 OWNER(s) Notice is hereby given by: 6 OWNER(s) Notice	on to the surface but no more that beneath such tra owner of minera and Sediment Co Secretary, which enable the surface	e tract to conduct any plat surveys required in forty-five days prior to such entry to: (1) act that has filed a declaration pursuant to sals underlying such tract in the county tax ontrol Manual and the statutes and rules real statement shall include contact informatice owner to obtain copies from the secreta	I pursuant to this article. Such notice so The surface owner of such tract; (2) to section thirty-six, article six, chapter to records. The notice shall include a sta clated to oil and gas exploration and poi ion, including the address for a web pa	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the					
Name: Lary Nolan & Linds Mae Payton Address: 90 Wyers Run Rd Fallwiew, WV 28570 Name: Address:	Notice is hereby	y provided to:							
Address: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: Mane:	■ SURFACE	OWNER(s)							
Address: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: Mane:	Name: Larry No.	lan & Linda Mae Payton	Name:						
Name:	Address: 30 Wyer	s Run Rd	Address:	Office of Oil and Gas					
Name:			200						
Name:	Address:	-	☐ MINERAL OWNER(s)	OCT 3 1 2025					
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: LAT: 39° 36′53.15°, LON: -80° 13′22.77" Public Road Access: Breezy Height-Tennant Rd (27/1) District: Clay Watershed: Upper Monongahla River Quadrangle: Grant Town Generally used farm name: Sullivan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57¹h Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: Notice is hereby given by: Well Operator: Notice is hereby given by: Well Operator: Notice is hereby given by: Mell Operator:			Name:						
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: LAT: 39° 36′53.15″, LON: -80° 13′22.77″ County: Monongalia Public Road Access: Breezy Height-Tennant Rd (271′1) District: Clay Watershed: Upper Monongahela River Quadrangle: Grant Town Generally used farm name: Sullivan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57′th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: Northeast Natural Energy, LLC Address: Telephone: 304-414-7060 707 Virginia St. E, Suite 1200 Charleston, WV 25301	Name:		Address:	MAY Department of					
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: LAT: 39° 36′53.15″, LON: -80° 13′22.77″ County: Monongalia Public Road Access: Breezy Helght-Tennant Rd (27/1) District: Clay Watershed: Upper Monongahela River Quadrangle: Grant Town Generally used farm name: Sullivan Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57′th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: Northeast Natural Energy, LLC Address: Telephone: 304-414-7060 707 Virginia St. E, Suite 1200 Charleston, WV 25301	Address:								
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Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Notice is hereby given by: Well Operator: Northeast Natural Energy, LLC Address: Telephone: 304-414-7060 707 Virginia St. E, Suite 1200 Charleston, WV 25301									
Telephone: 304-414-7060 707 Virginia St. E, Suite 1200 Charleston, WV 25301	Copies of the sta may be obtained Charleston, WV obtained from th	ate Erosion and Sediment Control Manual I from the Secretary, at the WV Department 25304 (304-926-0450). Copies of such the Secretary by visiting www.dep.wv.gov/bygiven.by :	and the statutes and rules related to oint of Environmental Protection headquedocuments or additional information rooil-and-gas/pages/default.aspx.	uarters, located at 601 57th Street, SE,					
· · · · · · · · · · · · · · · · · · ·		SAN VINE DE CONTRE LE MANAGEMENT	- Consideration of the Constitution of the Con	1200 Charleston, WV 25301					
Email: 1 domino. 354-241-0512	FOR THE PROPERTY OF THE PROPER	304-414-1000		The State of the Local					
	ıman.		I HOUMING. SOFTER TOUR						

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

Operator	Well	No.	Sullivan	Pad
- In				

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

		quirement:	Notice shall be prov	rided at least SEVEN (7) days but no more than FORTY-F	IVE (45) days prior to
Date		4/30/2021	Date of Plan	nned Entry: 5/10/2021	
Deli	very method	l pursuant	to West Virginia C	ode § 22-6A-10a	
П	PERSONAL	п	REGISTERED	■ METHOD OF DELIVERY THAT REQUIRES A	
Ц	SERVICE	L L	MAIL	RECEIPT OR SIGNATURE CONFIRMATION	
	SERVICE		WAIL	RECEIFT OR SIGNATURE CONTINUENTION	
on to but r bene own and s Secr enab	o the surface no more than eath such trace er of mineral Sediment Co etary, which the surface	tract to com- forty-five of the that has fi s underlying ntrol Manu- statement s e owner to com-	duct any plat surveys lays prior to such end led a declaration pur g such tract in the co al and the statutes an hall include contact obtain copies from the	Prior to filing a permit application, the operator shall provides required pursuant to this article. Such notice shall be provided to the surface owner of such tract; (2) to any owner suant to section thirty-six, article six, chapter twenty-two of unty tax records. The notice shall include a statement that old rules related to oil and gas exploration and production mainformation, including the address for a web page on the Section secretary.	ded at least seven days or lessee of coal seams this code; and (3) any opies of the state Erosion y be obtained from the
	ce is hereby SURFACE (-		☐ COAL OWNER OR LESSEE	
— Nam		Patricia Conawa		Name:	
	ress: 1811 Plea			Address:	
T-070 X 0070 S		I, WV 26554			
Nam	e:				Office of Oil and Gas
Addı	ress:		- CAMPILLAN SIGNA	I I MINERAL OWNERS	2 7 000
	NAME OF THE OWNER O			_ Name:	OCT 3 1 ZUZ
Nam	e;			_ Address;	
Addi	ress:	inau	- Carlonal Control	* I	Section 1 and 1 an
			5(pilminion) - 10 - 11 - 36560	*please attach additional forms if necessary	En la
Pursi a pla State Cour	t survey on to we have: Mo	Virginia Co he tract of I st Virginia nongalia	and as follows:	Public Road Access: Breezy Height-To	5", LON: -80° 13'22.77" ennanl Rd (27/1)
Dist	nct: Cla	У			nela River
^	former for the			Generally used farm name: Sullivan	
Quad	drangle: Gra	nt Town			20 XXX
Copi may Char obtai Noti Well	drangle: Grades of the state obtained eleston, WV ined from the operator:	e Erosion a from the Se 25304 (304 Secretary I y given by	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	Manual and the statutes and rules related to oil and gas expepartment of Environmental Protection headquarters, locate of such documents or additional information related to horizwv.gov/oil-and-gas/pages/default.aspx. Address:	d at 601 57 th Street, SE, zontal drilling may be
Copi may Char obtai Noti Well	es of the stat be obtained eleston, WV ined from the ice is hereb Operator: phone:	e Erosion a from the Se 25304 (304 Secretary I y given by	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	Manual and the statutes and rules related to oil and gas expepartment of Environmental Protection headquarters, locate of such documents or additional information related to horizwv.gov/oil-and-gas/pages/default.aspx.	d at 601 57 th Street, SE, zontal drilling may be

Oil and Gas Privacy Notice:

WW-6A3 (1/12) Operator Well No. Sullivan Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time R entry	equirement:	Notice shall be prov	ided at least SE	VEN (7) da	ys but no more tha	1 FORTY-FIVE (45) days pric	or to
Date of Notice:	4/30/2021	Date of Plan	ned Entry: 5/10	0/2021	**********		
Delivery metho	od pursuant t	to West Virginia Co	de § 22-6A-10	a			
☐ PERSONA	AL 🗆	REGISTERED	■ METH	OD OF DEL	IVERY THAT RE	QUIRES A	
SERVICE		MAIL	RECEIF	T OR SIGN	VATURE CONFIR	MATION	
on to the surface but no more that beneath such trace owner of minerand Sediment C Secretary, whice enable the surface	e tract to cond in forty-five di act that has fil als underlying control Manua h statement shace owner to o	duct any plat surveys ays prior to such entred a declaration purse such tract in the could and the statutes and all include contact in the could and copies from the	required pursu- ry to: (1) The su- quant to section inty tax records drules related to information, inc	ant to this and the control of the c	ticle. Such notice s r of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned thall be provided at least seven to any owner or lessee of coal sewenty-two of this code; and (3) teement that copies of the state of roduction may be obtained from the Secretary's web site,	days eams any Erosion n the
Notice is hereb		0:		☐ COAI	L OWNER OR LE	SSEE	
	Hamillon						
Address: 4376 Co	Name: Connie Hamilton Name: Address: 4376 Crossroads Rd Address:						
	, WV 26570						
Name:						RECEIVED)
Address:		— and the second	2		ERAL OWNER(s)	5347344	nd Gas
NT	- Manual		1	Name:			e evenir
Name:				Address:		<u> </u>	
Address.			-		h additional forms if ne		
- 1100000000000000000000000000000000000	5. 3. 4. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3		5	preuse unue	raditional forms if no	oodat y	
a plat survey on	st Virginia Co		Α.	•		operator is planning entry to co	onduct
			TO.	iblic Road A		Breezy Height-Tennant Rd (27/1)	
	· ·		777	atershed:		Upper Monongahela River	
Quadrangle: G	Frant Town			enerally use	d farm name:	Sullivan	NATIONAL DESIGNATION AND ADDRESS OF THE PARTY OF THE PART
may be obtained Charleston, WV	from the Sec 25304 (304- he Secretary b	cretary, at the WV D. 926-0450). Copies of visiting www.dep.	epartment of Er of such docume wv.gov/oil-and	vironmenta nts or additi	l Protection headquonal information re	l and gas exploration and produ larters, located at 601 57 th Stree elated to horizontal drilling may	et, SE,
Telephone:	304-414-7060		······································		707 Virginia St. E. Suite	1200 Charleston, WV 25301	
Email:				Facsimile:	304-241-5972		
	*				STATE STATE		

Oil and Gas Privacy Notice:

WW-6A4 (1/12)

Operator Well No. Sullivan 12H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time R Date of Notice	equirement: Notice shall be provided a	t least TEN (10) days prior to filing a rmit Application Filed: 10/27/2025	permit application.
Delivery meth	od pursuant to West Virginia Code § 2	22-6A-16(b)	
☐ HAND	CERTIFIED MAIL		
DELIVER		OHESTED	
DELIVEN	TETORIN RECEIFT REC	SOESTED	
receipt requeste drilling a horize of this subsection subsection may	ed or hand delivery, give the surface own ontal well: <i>Provided</i> , That notice given on as of the date the notice was provided.	ner notice of its intent to enter upon the pursuant to subsection (a), section tends to the surface owner: <i>Provided, howner</i> . The notice, if required, shall inclined	an operator shall, by certified mail return ne surface owner's land for the purpose of n of this article satisfies the requirements vever, That the notice requirements of this ude the name, address, telephone number, r's authorized representative.
	eby provided to the SURFACE OW		
Name: Alan Su		Name:	
Address: 4676 32	on, FL 34203	Address:	
the surface own State: County: District: Quadrangle:		is hereby given that the undersigned rizontal well on the tract of land as fo The string: The string: Northing: Public Road Access: Generally used farm name:	well operator has an intent to enter upon llows: 566684.3 4385281.7 Route 27/1 Sullivan
facsimile numb related to horize located at 601 5	est Virginia Code § 22-6A-16(b), this ser and electronic mail address of the contal drilling may be obtained from the 7 th Street, SE, Charleston, WV 25304 (2015)	operator and the operator's authorize Secretary, at the WV Department of	ess, telephone number, and if available, d representative. Additional information f Environmental Protection headquarters, p.wv.gov/oil-and-gas/pages/default.aspx.
	Northeast Natural Energy LLC	Authorized Representative:	Hollie Medley, Regulatory Manager
Address:	707 Virginia St. E., Suite 1200	Address:	48 Donley St, Suite 601
	Charleston, WV 25301		Morgantown, WV 26501
Telephone:	304-414-7060	Telephone:	304-212-0422
Email:	hmedley@nne-llc.com	Email:	hmedley@nne-llc.com
Facsimile:	304-414-7061	Facsimile:	

Oil and Gas Privacy Notice:

WW-6A5 (1/12)

Operator Well No. Sullivan 12H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

		: 10/17/2025			ion Filed: 10/2		application.		
Delivery	y meth	od pursuant to West	Virginia Cod	le § 22-6A-	16(c)				
■ CI	ERTIFI	ED MAIL		☐ HANI)				
		N RECEIPT REQUES	TED		VERY				
return re the plan required drilling damages	ned op ned op to be p of a ho to the notices	Va. Code § 22-6A-10 equested or hand deliveration. The notice rorovided by subsection orizontal well; and (3) surface affected by oil required by this section	ery, give the sequired by the (b), section to A proposed and gas open	surface own is subsection of this are surface use ations to the	er whose land on shall inclu- ticle to a surf- and compense extent the da	I will be used for de: (1) A copy ace owner whose sation agreement amages are com	or the drilling of this code se land will be to containing pensable und	of a horizon section; (2) the used in contain offer of an offer of er article size	ontal well notice of) The information injunction with the compensation for x-b of this chapter.
	ddress l	by provided to the SU listed in the records of							
Address:					Address	3:			 8
Pursuant	to Wen on the	by given: st Virginia Code § 22- le surface owner's land West Virginia Monongalia Clay Grant Town Upper Monongahela	6A-16(c), not	ose of drillir	ig a horizonta UTM NAD 8 Public Road .	l well on the tra Easting: Northing:	well operator ct of land as 566684.3 4385281.7 Route 27/1 Sullivan	follows:	ped a planned RECEIVED of Oil and Gas
Pursuant to be pro horizonta surface a informat	to We ovided al well; affected ion relaters, lo	all Include: st Virginia Code § 22- by W. Va. Code § 2 and (3) A proposed s by oil and gas opera ated to horizontal drillocated at 601 57 th Structure.	2-6A-10(b) to urface use and tions to the exting may be of	a surface d compensa xtent the da obtained fro	owner whose tion agreement of the secret the secret	land will be untraction to the containing and impensable und ary, at the WV	sed in conjugation offer of comer article sixed Department	nction with pensation f -b of this cl of Environ	the drilling of a for damages to the hapter. Additional mental Protection
Well Op		Northeast Natural Energy LLC			Address:	707 Virginia St. E., S	Suite 1200		
Felephor	ne:	304-414-7060			Faccionil-:	Charleston, WV 253	01		
Email:		hmedley@nne-llc.com			Facsimile:	304-414-7061			

Oil and Gas Privacy Notice:

API NO. 47- 061	. 02021
OPERATOR WELL	NO. 12H
Well Pad Name: Sulliv	an

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS VOLUNTARY STATEMENT OF NO OBJECTION

Instructions to Persons Named on Page WW-6A

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

Comment and Waiver Provisions

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

VOLUNTARY STATEMENT OF NO OBJECTION

I, Hollie Medley , hereby state that I have reprovisions listed above, and that I have received copies of WW-6A and attachments consisting of pages one (1) the required, and the well plat, all for proposed well work on the State: West Virginia County: Monongalia District: Quadrangle: Grant Town Watershed: Upper Monongahela I further state that I have no objection to the planned work issued on those materials.	of a Notice of A hrough 51 the tract of land of UTM NAC Public Roa Generally u	pplication, an App , including as follows: 83 Easting: Northing: d Access: used farm name:	blication for a Well Work Permit on Form the erosion and sediment control plan, in 566684.3 4385281.7 Route 27/1 Sullivan
*Please check the box that applies		FOR EXECUT	ION BY A NATURAL PERSON
☐ SURFACE OWNER		Signature:	
■ SURFACE OWNER (Road and/or Other Disturbe	ance)	Print Name:	
☐ SURFACE OWNER (Impoundments/Pits))		
☐ COAL OWNER OR LESSEE		FOR EXECUT	ION BY A CORPORATION, ETC.
☐ COAL OPERATOR		By: Hollie Medley	
		Its: Regulatory Manage	er and a second
☐ WATER PURVEYOR		Signature:	ool (Mex
☐ OPERATOR OF ANY NATURAL GAS STORA	AGE FIELD	Date:	55

Oil and Gas Privacy Notice:

API NO. 47- 6 1 0 2 0 2 1

OPERATOR WELL NO. See attached

Well Pad Name: Sullivan

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

VOLUNTARY STATEMENT OF NO OBJECTION

Instructions to Persons Named on Page WW-6A

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Comment and Waiver Provisions

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

WW-6A and required, and State: County:	ted above, and that I have received copies of a attachments consisting of pages one (1) through the well plat, all for proposed well work on the West Virginia Monongalia	d the Instruct a Notice of A ough tract of land UTM NAI	tions to Persons N Application, an Ap including as follows: D 83 Easting: Northing:	amed on Page WW-6A and the associated plication for a Well Work Permit on Form
District:	Clay	Public Roa		Route 27/1
Quadrangle: Watershed:	Grant Town Upper Monongahela	Generally	used farm name:	Sullivan
issued on thos	that I have no objection to the planned work dese materials. the box that applies			Office of Oil and Gar
A-	CE OWNER		Signature: Just	11.15/16/40
□ SURFAC	E OWNER (Road and/or Other Disturband	ce)	Print Name: 50 Date: /	
☐ SURFAC	E OWNER (Impoundments/Pits)		FOR EXECUTE	ION BY A CORPORATION, ETC.
□ COAL O	WNER OR LESSEE		Company:	
□ COAL O	PERATOR		By:	
□ WATER	PURVEYOR			
□ OPERAT	OR OF ANY NATURAL GAS STORAGI	E FIELD	Date:	
				II

Oil and Gas Privacy Notice:



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Michael J. DeMers

1900 Kanawha Boulevard East • Building Five • Room 109

Charleston, West Virginia 25305-0440 • (304) 558-0444

Deputy Secretary of Transportation

Stephen T. Rumbaugh, P.E. Secretary of Transportation Commissioner of Highways

July 18, 2025

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the Sullivan Well Pad, Monongalia County

Sullivan 2H Well Site Sullivan 4H Well Site Sullivan 6H Well Site Sullivan 8H Well Site Sullivan 10H Well Site Sullivan 12H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2022-0423 which has been issued to Northeast Natural Energy, LLC for access to the State Road for a well site located off Monongalia County Route 27/1 SLS MP 0.42.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Office of Oil and Gas

RECEIVED

sect properties of Secretary and Protection

Lacy D. Pratt

Central Office O&G Coordinator

Cc: Dave McDougal

Northeast Natural Energy, LLC

OM, D-4

File

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Contract of the last
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Trade Name	Purpose	Ingredients	Cemical Abstract Service Numner (CAS#)
Water	Carrier	Water	7732-18-5
		Hydrochloric Acid	7647-01-0
HCI, 7.5%	Acidizing	Water	7732-18-5
Sand (100 Mesh Proppant)	Proppant	Crystalline Silica (quartz)	14808-60-7
Sand (40-70 Mesh Proppant)	Proppant	Crystalline Silica (quartz)	14808-60-7
		Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer	69418-26-4
StimStream FR 9800	Friction Reducer	Alkanes, C12-26-Branched and Linear	90622-53-0
		Water	7732-18-5
		Ethoxylated Alcohols (C12-16)	68551-12-2
		Water	7732-18-5
		Glutaraldehyde	111-30-8
Clearal 268A	Biocide	Quarternary Ammonium Compounds	68424-85-1
	-	Didecyl dimethyl ammonium chloride	7173-51-5
		Ethanol	64-17-5
StimStream SC 405	Scale Inhibitor	AA/Maleic Anhydride Copolymer	9003-04-7
Stillisti edili 3C 403	Scale Illimbitor	AA/ATBS Copolymer	9003-05-8
		Methanol	67-56-1
		Pyridnium, 1-(phenylmethyl)-,ethyl methyl derivs., chlorides	68909-18-2
		Ethanoic Acid	64-19-7
Acid Pack Pro	Acid Inhibitor	Ethoxylated Alcohols	68131-39-5
		Proprietary	Proprietary
		Proprietary	Proprietary
	<u> </u>	2-ethylhexanol	104-76-7
		Ethoxylated Nonylphenos	127087-87-0

WW-6A7 (6-12)

OPERATOR:_	Northeast Natural Energy LLC	WELL NO: 12H
PAD NAME:_	Sullivan	
REVIEWED E	BY: Hollie Medley	SIGNATURE: HOLL MES

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well	Restri	ictions	
	V	At Least 100 Feet from Pad and LOD (including any E&S Control Featur Perennial Stream, Lake, Pond, Reservoir or Wetland; OR	re) to any
		DEP Waiver and Permit Conditions	
	V	At Least 300 Feet from Pad and LOD (including any E&S Control Featur Naturally Producing Trout Stream; OR	e) to any
		DEP Waiver and Permit Conditions	
	V	At Least 1000 Feet from Pad and LOD (including any E&S Control Feats Groundwater Intake or Public Water Supply; OR	ire) to any RECEIVED Office of Oil and Gas
		DEP Waiver and Permit Conditions	OCT 3 1 2025
	V	At Least 250 Feet from an Existing Water Well or Developed Spring to W Drilled; OR	Vell Being
		Surface Owner Waiver and Recorded with County Clerk, OR	
		DEP Variance and Permit Conditions	
	V	At Least 625 Feet from an Occupied Dwelling Structure to Center of the I	Pad; OR
		Surface Owner Waiver and Recorded with County Clerk, OR	
		DEP Variance and Permit Conditions	
	V	At Least 625 Feet from Agricultural Buildings Larger than 2500 Square F of the Pad; OR	eet to the Center
		Surface Owner Waiver and Recorded with County Clerk, OR	
		DEP Variance and Permit Conditions	

WEST VIRGINIA 811

TWO WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR MUST CONTACT THE WV ONE CALL SYSTEM, INC., 1-800-245-4848 (WV ONE CALL TICKET #1617275189)

OWNER



NATURAL ENERGY NORTHEAST NATURAL ENERGY LLC 707 VIRGINIA STREET EAST, SUITE1200, CHARLESTON, WV 25301

MERCER

HANCOCK BROOKE BROOKE BROOKE OHID PROJECT LOCATION PRESTON WETZEL MARION PRESTON FRESTON MARION PRESTON MARION MARION MARION PRESTON MARION MARION PRESTON MARION MARION PRESTON MARION M

SULLIVAN WELL PAD CLAY DISTRICT, MONONGALIA COUNTY, WV APRIL 2022

SHEET INDEX

2-3. EVACUATION ROUTE/PREVAILING WIND
4. E&S CONTROL LAYOUT OVERVIEW
5-11. E&S CONTROL LAYOUT
12. E&S CONTROL AND SITE PLAN OVERVIEW
13-19. E&S CONTROL AND SITE PLAN
20. COUNTY ROAD PROFILE

21. COUNTY ROAD PROFILE, ACCESS ROAD PROFILE & PROFILES E-E', F-F' & G-G'
22-25. COUNTY ROAD CROSS-SECTIONS
26. WELL PAD & STOCKPILE PROFILES A-A', B-B', C-C' & D-D'

27-29. DETAILS
31. RECLAMATION PLAN OVERVIEW
32-37. RECLAMATION PLAN

TOTAL DISTURBED AREA: 28.65 AC.
ACCESS ROADS DISTURBED AREA: 8.29 AC.
COUNTY ROAD RIGHT-OF-WAY 5.04 AC.
WELL PAD DISTURBED AREA: 15.32 AC.

PROPERTY OWNER DISTURBANCE - 23.61 ACRES

JAMES LOUIS DOUKAS (TAX MAP AND PARCEL NUMBER 4-26-35) 4.86 AC.
ALAN SULLIVAN (TAX MAP AND PARCEL NUMBER 4-26-35.1) 7.63 AC.
DAVID L PRICE AND SUSAN ROSE PRICE (TAX MAP AND PARCEL NUMBER 4-26-27) 0.04 AC.
DAVID L PRICE AND SUSAN ROSE PRICE (TAX MAP AND PARCEL NUMBER 4-26-26) 0.54 AC.
LEONARD E DARRAH AND KERRY LOARRAH (TAX MAP AND PARCEL NUMBER 4-26-38) 3.72 AC.
YOST & YOST PIPE CO (TAX MAP AND PARCEL NUMBER 4-20-46) 0.22 AC.
CLIFTON E TENNANT JR (TAX MAP AND PARCEL NUMBER 4-26-43) 1.26 AC.
DAVID M LINDNER AND DAWN M LINDNER (TAX MAP AND PARCEL NUMBER 4-25-3) 3.19 AC.
LARRY F. & BRENDA KAY KUNN (TAX MAP AND PARCEL NUMBER 4-25-3) 1.1 AC.
JOHN CONAWAY AND PATRICIA CONAWAY (TAX MAP AND PARCEL NUMBER 4-25-1) 1.75 AC.
CONNIE HAMILTON (TAX MAP AND PARCEL NUMBER 4-25-1) 1.57 AC.
ORVILLE W BEEL JR (TAX MAP AND PARCEL NUMBER 4-25-1) 1.87 AC.

APPROVED WVDEP OOG

IN ACCORDANCE WITH WV 35 CSR 8

THE FOLLOWING EROSION & SEDIMENT CONTRO PLAN HAS BEEN
DESIGNED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES
ESTABLISHED BY THE CHIEF AND PROVIDED IN THE OFFICE'S EROSION AND
SEDIMENT CONTROL FIELD MANUAL. A GENERAL CONSTRUCTION
SEQUENCE, DESCRIPTION OF STABILIZATION METHODS, AND DETAILS &
SPECIFICATIONS FOREROSION & SEDIMENT BEST MANAGEMENT SAFEDIAL SHEETS.

्रानिLE SHEET

SULLIVAN WELL PAD ÇLAY DISTRICT, MONONGALIA COUNTY, WV

COORDINATES

SITE ENTRANCE (NAD 83) LAT: 39° 37' 40.33" LONG: 80° 13' 49.39" (NAD 27) LAT: 39° 37' 40.04" LONG: 80° 13' 50.12"

CENTER OF SULLIVAN WELL PAD (NAD 83) LAT: 39° 36' 53.15"

> LONG: 80° 13' 22.77" (NAD 27) LAT: 39° 36' 52.86" LONG: 80° 13' 23.49"

SHEET

1 OF 37

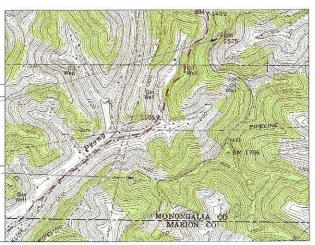
PLANS PREPARED BY:

BOORD BENCHEK & ASSOCIATES, INC.

ENGINEERING, SURVEYING, CONSTRUCTION AND MINING SERVICES SOUTHPOINTE, PA 15317 PHONE: 724-746-1055



ANDREW BENCHEK



1''=1000'



