



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Friday, June 12, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

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

Re: Permit Modification Approval for SULLIVAN 12H
47-061-02021-00-00

Lateral Extension with Forced Pooling

NORTHEAST NATURAL ENERGY LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A handwritten signature in black ink that reads "H. Jason Harmon".

H. Jason Harmon
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 Modification Issued: 06/12/2026

Promoting a healthy environment.

06/12/2026

WW-6B
(04/15)

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
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Northeast Natural Energy 494498281 Monongalia Clay Grant Town
Operator ID County District Quadrangle
- 2) Operator's Well Number: 12H Well Pad Name: Sullivan
- 3) Farm Name/Surface Owner: Alan Sullivan Public Road Access: Route 27/1
- 4) Elevation, current ground: N/A Elevation, proposed post-construction: 1,476'
- 5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____
(b) If Gas Shallow X Deep _____ CR \$4500.00
Horizontal X CR #21476
- 6) Existing Pad: Yes or No Yes
- 7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 7,998' - 8,104', 106', 5,025 psi
- 8) Proposed Total Vertical Depth: 8,082'
- 9) Formation at Total Vertical Depth: Marcellus
- 10) Proposed Total Measured Depth: 27,043'
- 11) Proposed Horizontal Leg Length: 18,099'
- 12) Approximate Fresh Water Strata Depths: 905'
- 13) Method to Determine Fresh Water Depths: Offset Wells
- 14) Approximate Saltwater Depths: 2,439'
- 15) Approximate Coal Seam Depths: 715' - 718' Washington Coal, 895' - 905' Pittsburgh Coal
- 16) Approximate Depth to Possible Void (coal mine, karst, other): _____
- 17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X
- (a) If Yes, provide Mine Info: Name: N/A
Depth: _____
Seam: _____
Owner: _____

Robert J. Hitt
4-14-26

4706102021

WW-6B
(04/15)API NO. 47- -
OPERATOR WELL NO. 12H
Well Pad Name: Sullivan

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	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	-	-	-	-	-	-	-
Intermediate	9-5/5	New	J-55	36	2,530	2,500	CTS
Production	5-1/2	New	HP-P110	20	27,043	26,993 ✓	5,863 ✓
Tubing	2-7/8	New	P-110	6.5	N/A	N/A	N/A
Liners	-	-	-	-	-	-	-

*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	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-

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JUN 02 2026

WV Department of
Environmental ProtectionPACKERS

Kind:				
Sizes:				
Depths Set:				

Robert J. Hitt ✓
4-14-26

4706102021

WW-6B
(10/14)

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): 28.65 ac.

22) Area to be disturbed for well pad only, less access road (acres): 15.32 ac.

23) Describe centralizer placement for each casing string:

Surface: shoe track & every 3rd joint to surface
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.

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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.

Robert J. Hitt
4-14-26

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4706102021



NORTHEAST NATURAL ENERGY, LLC

Area: Monongalia County, WV
Field: Monongalia
Facility: Sullivan Pad
Slot: 12H

Well: Sullivan 12H
UWI/Legal:
Wellbore: Sullivan 12H PWB
Wellpath: Sullivan 12H Ex-05



Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	25.00	0.00	190.00	25.00	0.00	0.00	0.00	0.00
End of Tangent	1250.00	0.00	190.00	1250.00	0.00	0.00	0.00	0.00
End of Build	1500.00	5.00	190.00	1499.68	-10.74	-1.89	2.00	7.59
End of Tangent	1700.00	5.00	190.00	1698.92	-27.90	-4.92	0.00	19.71
End of 3D Arc	2668.51	21.956	243.353	2639.44	-151.85	-175.70	2.00	19.94
KOP	7775.97	21.956	243.353	7376.48	-1008.31	-1882.48	0.00	-287.43
LP	8944.11	90.000	144.087	8082.00	-1751.96	-1690.50	8.00	427.48
BHL	27043.94	90.000	144.087	8082.00	-16411.17	8926.08	0.00	18527.32

Bottom Hole Location

MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid North (US ft)	Latitude	Longitude
27043.94	90.000	144.087	8082.00	-16411.17	8926.08	1773709.17	39°34'11.4048"N	80°11'27.6289"W

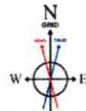
Hole and Casing Sections

Name	Start MD (ft)	End MD (ft)	Interval (ft)	Start TVD (ft)	End TVD (ft)	Start Local N (ft)	End Local N (ft)	Start Local E (ft)	End Local E (ft)	Wellbore
13 3/8in Casing	25.00	1200.00	1175.00	25.00	1200.00	0.00	0.00	0.00	0.00	Sullivan 12H PWB
9 5/8in Casing	25.00	2500.00	2475.00	25.00	2481.43	0.00	0.00	-124.69	-123.91	Sullivan 12H PWB
5 1/2in Casing	25.00	27043.94	27018.94	25.00	8082.00	0.00	0.00	-16411.17	8926.08	Sullivan 12H PWB

Scale 1 inch = 3000'

Easting (ft)

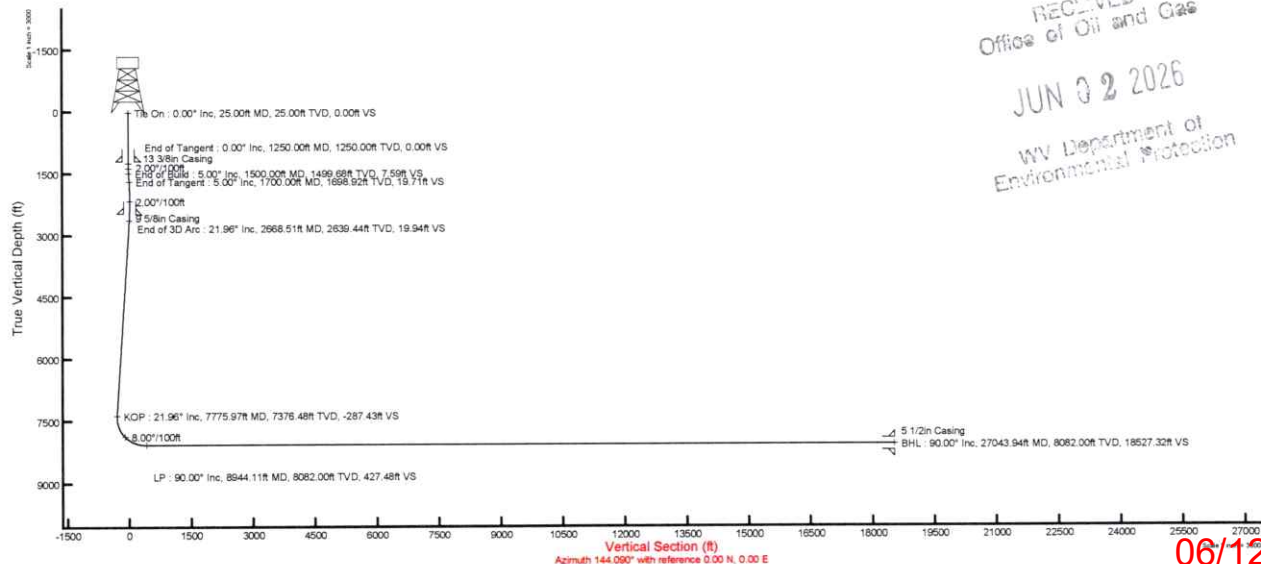
-5250 -3500 -1750 0 1750 3500 5250 7000 8750 10500 12250 14000 15750 17500



HOGM2025v1.0 (1900.0 to 2025.0) Dip: 86.09° Field: 51451.6 nT
Magnetic North is 9.10 degrees West of True North (at 2025-12-31)
Grid North is 0.48 degrees West of True North
To correct azimuth from True to Grid add 0.48 degrees
To correct azimuth from Magnetic to Grid subtract 8.64 degrees

True vertical depths are referenced to Rig on Slot 12H (KRS)				Grid System: NAD83 / Lambert West Virginia SP, Northern Zone (4701), US feet			
Reference depths are referenced to Rig on Slot 12H (KRS)				North Reference: Grid north			
Rig on Slot 12H (KRS) to Mean Sea Level: 1501.85 feet				Source: True elevation			
Mean Sea Level to Ground level (SL Slot 12H): 1478.85 feet				Coordinates are in feet referenced to Slot			
Other wellbore MDs are referenced to each other relative to MD 12H				Depths are in feet			
				Created by program on 2025-05-31 Database: WVA-NPL-EAST-2025-US-Data			
Location Information							
Facility Name		Grid East (US ft)		Grid North (US ft)		Latitude	Longitude
Sullivan Pad		179431.000		498862.000		39°34'31.4700N	80°11'27.6289W
Slot	Local E (ft)	Local N (ft)					
12H	-31.38	1794793.845		498862.070		39°34'31.4700N	80°11'27.6289W
Rig on Slot 12H (KRS) to Ground level (SL Slot 12H)						-1478.85 ft	
Mean Sea Level to Ground level (SL Slot 12H)						1501.85 ft	
Rig on Slot 12H (KRS) to Mean Sea Level							
Survey Program							
Survey Method	Code	Code	Code	Code	Code	Code	Code
1	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2	100.00	100.00	100.00	100.00	100.00	100.00	100.00
3	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Targets							
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Local U (ft)	Latitude	Longitude
Sullivan 12H BHL rev 4	27043.94	8082.00	-16411.17	8082.00	177328.17	39°34'31.4698N	80°11'27.6289W
Sullivan 12H LP rev 3	8944.11	8082.00	-1751.96	-1860.55	177500.25	39°34'31.4700N	80°11'27.6289W
Sullivan Pad Hs 1.3.18 2025 net	N/A	10000.00	-17500.25	14709.16	177490.64	39°34'28.24N	80°13'50.6734W
Sullivan Pad Hs 1.3.18 2025 right	N/A	10000.00	-17500.25	14709.16	177490.64	39°34'28.24N	80°13'50.6734W
Sullivan Pad Hs 1.3.18 2025 left	N/A	10000.00	-17500.25	14709.16	177490.64	39°34'28.24N	80°13'50.6734W

BHL : 8082.00ft TVD, 16411.17ft S, 8926.08ft E
Sullivan 12H BHL rev 4



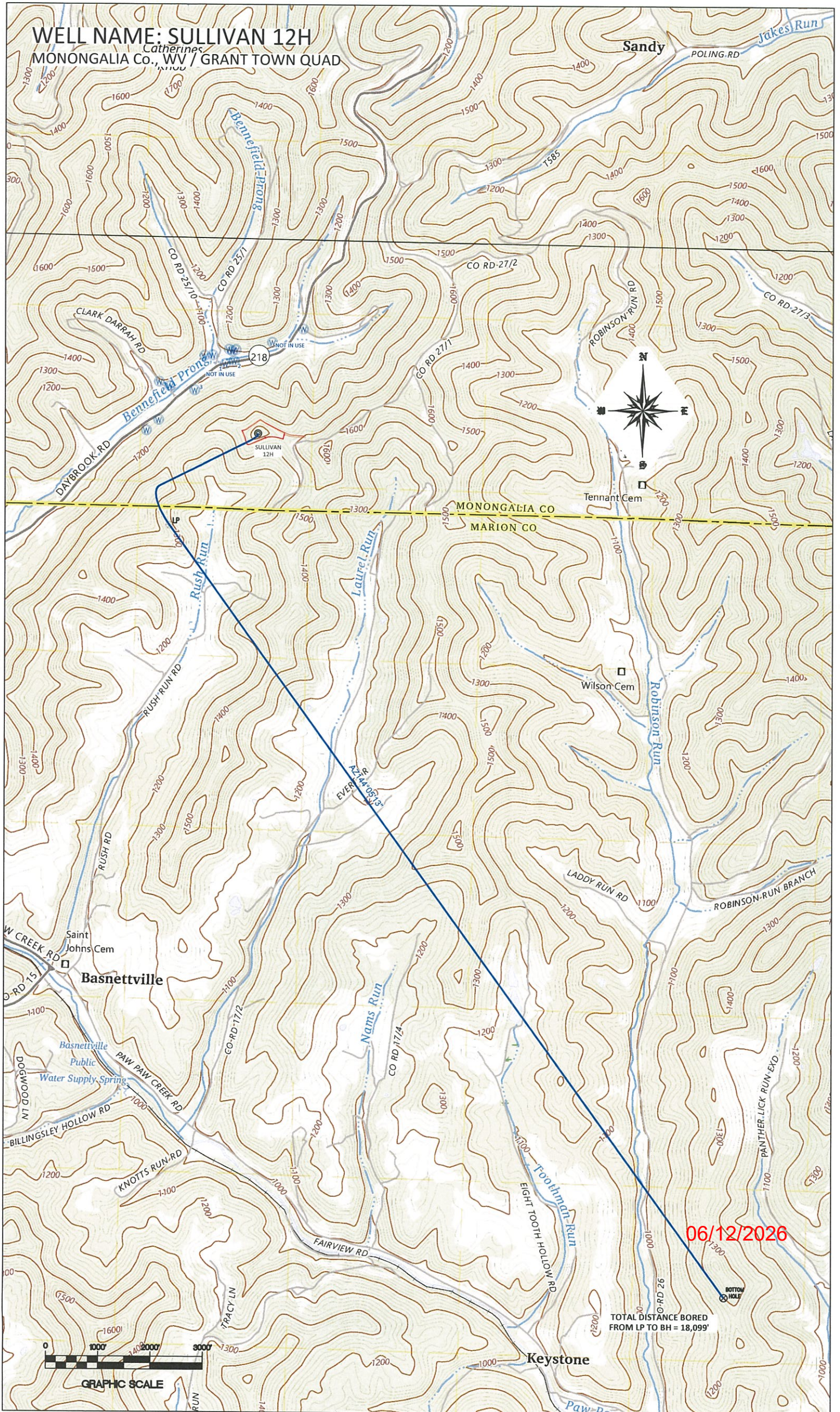
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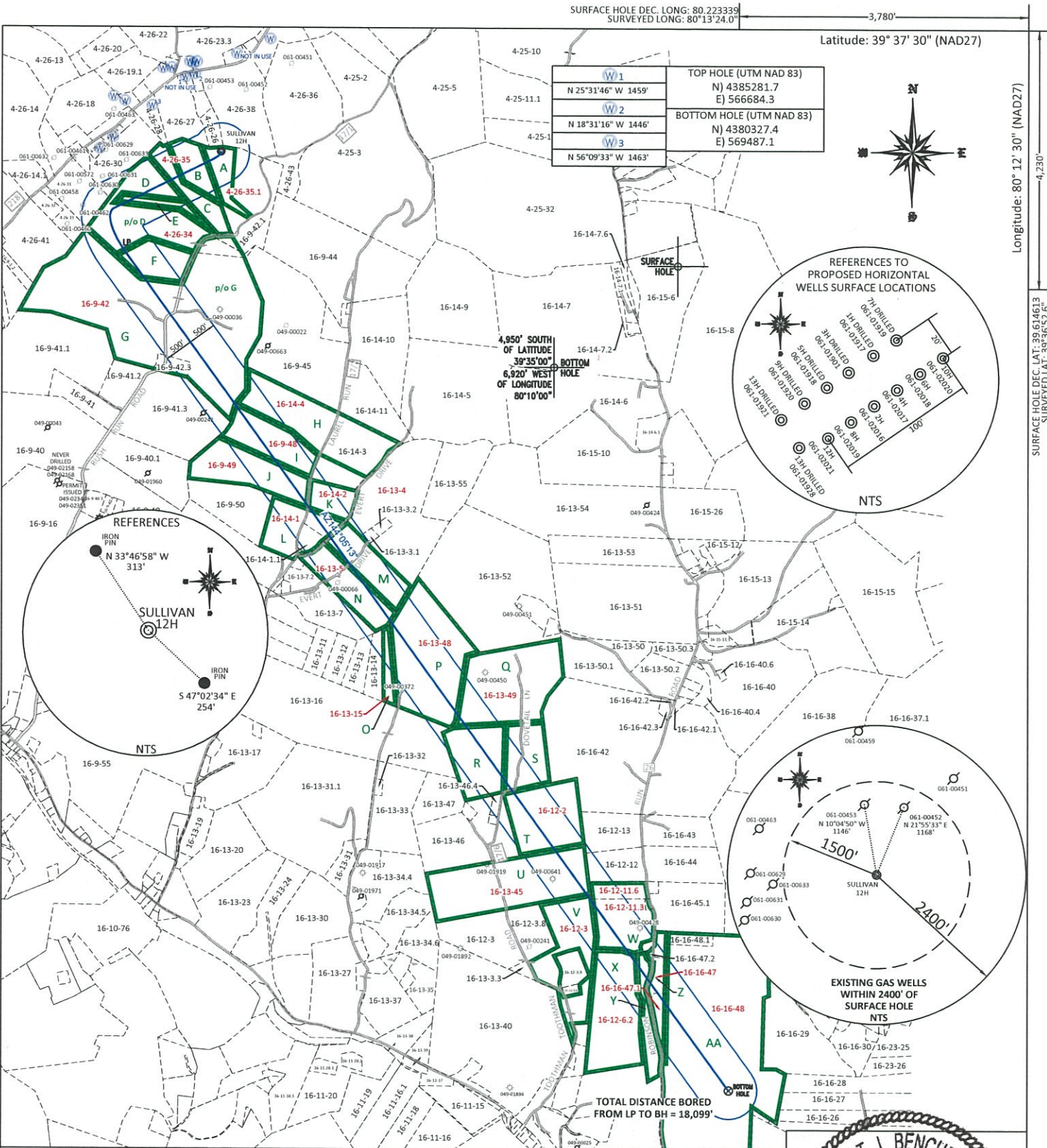
Sullivan 12H AREA OF REVIEW

API Number	Well Name	Well Number	Operator	Latitude (NAD 83)	Longitude (NAD 83)	TMP	TVD	Producing Formation	Notes
061-00630	Mrs Clifford O Yost	21	Pennzoil Company	39.612628	-80.230638	4-26-31	2322	NA	Plugged
049-00066	Russell Lough	1	Tennant, V.	39.594050	-80.21563	16-13-5	2800'	Fifth	Plugged
049-00641	Cora Barnes	1417	Diversified Production LLC	39.579932	-80.20206	16-13-45	NA	NA	
049-00428	Elmer Hibbs	1403	Diversified Production LLC	NA	NA	16-12-11.3	NA	NA	

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Division of Oil and Gas
Department of Natural Resources

WELL NAME: SULLIVAN 12H
Catherine's
MONONGALIA Co., WV / GRANT TOWN QUAD





FILE #: NNE25
DRAWING #: 4137
SCALE: PLAT: 1" = 2400'
TICK MARK: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: 
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

Well Type: ☐ Oil ☐ Waste Diposal ☐ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: UPPER MONONGAHELA RIVER
COUNTY/DISTRICT: MONONGALIA / CLAY
SURFACE OWNER: ALAN SULLIVAN
OIL & GAS ROYALTY OWNER: James T. McClimans, et al
LEASE NUMBERS:

DATE: JUNE 10, 2026
OPERATOR'S WELL #: SULLIVAN 12H
API WELL #: 47 61 02021
STATE COUNTY PERMIT

AS-BUILT ELEVATION: 1,476.7'
QUADRANGLE: GRANT TOWN
ACREAGE: 1014.479 +/-
ACREAGE: 25.870 +/-

06/12/2026

DRAWING: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒
PLUG OFF FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☐
CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY):

TARGET FORMATION: MARCELLUS
WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC
ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

ESTIMATED DEPTH: TVD: 8,082' TMD: 27,043'
DESIGNATED AGENT: John Adams
ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

	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
16-9-42	JAMES P & URSULA A MCDONALD
16-14-4	WILLIAM J & SARAH E EDDY
16-9-48	WILLIAM J & SARAH E EDDY
16-9-49	LOIS I & WASHINGTON L LOUGH
16-14-2	LOIS I & WASHINGTON L LOUGH (LIFE 1179-678)
16-14-1	LOIS I & WASHINGTON L LOUGH (LIFE 1179-678)
16-13-4	BRAD N SOMMER (LEASE 1298-554 KID NATION)
16-13-5	MICHAEL D & TAMI E SHAW
16-13-48	ELECTIC LODGE # 67 I O O F OF FARMINGTON
16-13-15	MYRTLE MOORE
16-13-49	DAVID L PRICE JR & ANDREA L PRICE
16-12-2	BRENDA HOLGUIN ARGANO
16-13-45	EDYTHE D TENNANT (3/5 INT) & CARL W MCCUE (LIFE
16-12-11.6	TAMMI A BLAKE
16-12-3	DONALD G HAUGHT JR TRS OF ALDEAN HAUGHT IRREVOCABLE
16-12-11.3	RUSSELL L CRAIG & KRISTEN L NUZUM-CRAIG
16-12-6.2	CHARLES E & GLENDA V CRAIG
16-16-47.1	MICHAEL C & CAROL L PHILLIPS
16-16-47	ROBERT G OR CARMEN L HIGGINS
16-16-48	JAMES S ICE

	LEASE INDEX		
A	WV-061-006979-002	O	WV-049-107328-001
B	WV-061-006176-001	P	WV-049-107328-001
C	WV-061-006172-001	Q	WV-049-107186-001
D	WV-061-006172-001	R	WV-049-106812-002
E	WV-061-006413-040	S	WV-049-105431-003
F	WV-061-006238-001	T	WV-049-106859-003
G	WV-061-00219-001	U	WV-061-00219-001
H	WV-049-106904-001	V	WV-049-106791-001
I	WV-049-106926-009	W	WV-061-00219-001
J	WV-049-106926-009	X	WV-049-106533-002
K	WV-049-107012-001	Y	WV-049-107362-001
L	WV-049-107012-001	Z	WV-049-106950-001
M	WV-061-00219-001	AA	WV-049-007441-001
N	WV-049-104884-002		

06/12/2026

FILE #: <u>NNE20</u>	DATE: <u>JUNE 10, 2026</u>
DRAWING #: <u>4137</u>	OPERATOR'S WELL #: <u>SULLIVAN 12H</u>
SCALE: <u>N/A</u>	API WELL #: <u>47</u> <u>61</u> <u>02021</u> STATE COUNTY PERMIT

**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
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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

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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 LLC

By: Hollie Medley

Its: Regulatory Manager

SULLIVAN 12H WW6A1 ATTACHMENT

Plat Letter	NNE Lease #	Lessor Name	Lessee Name	Royalty	Memo DB	Memo PG
A	WV-061-006979-002	James T. McClimans, a/k/a James Todd McClimans	Northeast Natural Energy LLC	12.5% or higher	1876	193
	WV-061-006979-003	Basnett Oil & Gas, LLC	Northeast Natural Energy LLC	12.5% or higher	1876	196
	WV-061-006979-001	David M. McClimans, a/k/a David Mark McClimans	Northeast Natural Energy LLC	12.5% or higher	1876	191
	WV-061-006979-004	Pamela Whisler Cox	Northeast Natural Energy LLC	12.5% or higher	1886	67
B	WV-061-006176-001	James Louis Doukas, Sr.	Northeast Natural Energy LLC	12.5% or higher	1798	733
C	WV-061-006172-001	Basnett Oil & Gas, LLC	Northeast Natural Energy LLC	12.5% or higher	1797	119
	WV-061-006176-001	James Louis Doukas, Sr.	Northeast Natural Energy LLC	12.5% or higher	1798	733
	WV-061-006172-003	Pamela Whisler Cox	Northeast Natural Energy LLC	12.5% or higher	1821	365
	WV-061-006172-002	Donald McClimans	Northeast Natural Energy LLC	12.5% or higher	1826	631
D	WV-061-006172-001	Basnett Oil & Gas, LLC	Northeast Natural Energy LLC	12.5% or higher	1797	119
	WV-061-006238-001	The Burns Family General Partnership	Northeast Natural Energy LLC	12.5% or higher	1805	169
	WV-061-006238-002	Deanna M. Frazier	Northeast Natural Energy LLC	12.5% or higher	1807	583
	WV-061-006238-003	Darrin W. Neely	Northeast Natural Energy LLC	12.5% or higher	1807	577
	WV-061-006238-005	Donna J. Walden	Northeast Natural Energy LLC	12.5% or higher	1807	581
	WV-061-006332-001	Barbara E. Henderson	Northeast Natural Energy LLC	12.5% or higher	1807	627
	WV-061-006238-004	Wayne Neely	Northeast Natural Energy LLC	12.5% or higher	1810	341
	WV-061-006332-002	Marvin Lynn Wilson	Northeast Natural Energy LLC	12.5% or higher	1810	65
	WV-061-006332-003	Julia Kay Wilson, f/k/a 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-061-006332-005	Mikell Ann Wilson Reagan	Northeast Natural Energy LLC	12.5% or higher	1810	53
	WV-061-006332-006	Randy L. Snyder	Northeast Natural Energy LLC	12.5% or higher	1810	609
	WV-061-006373-001	Nancy B. Lawler	Northeast Natural Energy LLC	12.5% or higher	1810	693
	WV-061-006373-002	Franciscan Monastery USA, Inc., formerly d/b/a The Commissariat of the Holy Land, Franciscan Monastery	Northeast Natural Energy LLC	12.5% or higher	1814	556
	WV-061-006172-003	Pamela Whisler Cox	Northeast Natural Energy LLC	12.5% or higher	1821	365
	WV-061-006454-001	Ruth Ann Burns	Northeast Natural Energy LLC	12.5% or higher	1821	353
	WV-061-006373-003	Donald David Engle, Jr.	Northeast Natural Energy LLC	12.5% or higher	1823	237
	WV-061-006373-004	Thomas Sloan Engle	Northeast Natural Energy LLC	12.5% or higher	1823	239
	WV-061-006373-005	Nancy Kelley	Northeast Natural Energy LLC	12.5% or higher	1823	241
	WV-061-006373-006	Douglas Scott Engle	Northeast Natural Energy LLC	12.5% or higher	1823	245
	WV-061-006373-007	Susan E. Patton	Northeast Natural Energy LLC	12.5% or higher	1823	243
	WV-061-006373-008	Marc Fox a/k/a Marc R. Fox	Northeast Natural Energy LLC	12.5% or higher	1825	609
	WV-061-006373-009	Steven Barnard Engle	Northeast Natural Energy LLC	12.5% or higher	1825	611
	WV-061-006172-002	Donald McClimans	Northeast Natural Energy LLC	12.5% or higher	1826	631
	WV-061-006413-040	Unknown Heirs of Karen Lynette Tillie	Northeast Natural Energy LLC	12.5% or higher	169	258
	WV-061-006413-042	Todd Eugene Long	Northeast Natural Energy LLC	12.5% or higher	169	828
	WV-061-006413-043	Kenneth K. Sterne	Northeast Natural Energy LLC	12.5% or higher	169	832
	WV-061-006413-044	Dean Allan Sterne	Northeast Natural Energy LLC	12.5% or higher	169	836
	WV-061-006413-045	Erin Chacon	Northeast Natural Energy LLC	12.5% or higher	169	840
	WV-061-006413-046	Joseph K. Gentile	Northeast Natural Energy LLC	12.5% or higher	169	844
	WV-061-006413-047	Charles Winland	Northeast Natural Energy LLC	12.5% or higher	169	728
	WV-061-006413-048	Kenny Irwin, Jr.	Northeast Natural Energy LLC	12.5% or higher	169	732
	WV-061-006413-049	Maria Evanoff	Northeast Natural Energy LLC	12.5% or higher	169	736
	WV-061-006413-050	Christine Sue Porter Rush	Northeast Natural Energy LLC	12.5% or higher	169	760
	WV-061-006413-051	Melissa Jo Moore May	Northeast Natural Energy LLC	12.5% or higher	169	764
	WV-061-006413-052	Thomas Leroy Rowley	Northeast Natural Energy LLC	12.5% or higher	169	768
	WV-061-006413-053	David Harold Russell	Northeast Natural Energy LLC	12.5% or higher	169	772
	WV-061-006413-054	Heirs of Alice Roberta Anderson Kirk	Northeast Natural Energy LLC	12.5% or higher	169	740
	WV-061-006413-055	Heirs of Mary V. Smith Knipper	Northeast Natural Energy LLC	12.5% or higher	169	744
	WV-061-006413-056	Unknown Heirs and Assigns of Ole William Malm	Northeast Natural Energy LLC	12.5% or higher	169	748
	WV-061-006413-057	Unknown Heirs and Assigns of Bonnie Kathleen Stevens Jarman	Northeast Natural Energy LLC	12.5% or higher	169	752
	WV-061-006413-058	Unknown Heirs and Assigns of Melanie Kay Stevens Wyatt Mitchell	Northeast Natural Energy LLC	12.5% or higher	169	756
	WV-061-006413-059	Judy Jones Garrett	Northeast Natural Energy LLC	12.5% or higher	170	568
	WV-061-006413-060	Larry R. Moore	Northeast Natural Energy LLC	12.5% or higher	170	572
	WV-061-006413-061	David H. Garrett	Northeast Natural Energy LLC	12.5% or higher	170	576
	WV-061-006413-062	Avis Anita Adkins Gilpin	Northeast Natural Energy LLC	12.5% or higher	170	580
	WV-061-006413-063	Carol A. Winland	Northeast Natural Energy LLC	12.5% or higher	171	640
	WV-061-006172-001	Basnett Oil & Gas, LLC	Northeast Natural Energy LLC	12.5% or higher	1797	119
	WV-061-006238-001	The Burns Family General Partnership	Northeast Natural Energy LLC	12.5% or higher	1805	169
	WV-061-006238-002	Deanna M. Frazier	Northeast Natural Energy LLC	12.5% or higher	1807	583
	WV-061-006238-003	Darrin W. Neely	Northeast Natural Energy LLC	12.5% or higher	1807	577
	WV-061-006238-005	Donna J. Walden	Northeast Natural Energy LLC	12.5% or higher	1807	581
	WV-061-006238-004	Wayne Neely	Northeast Natural Energy LLC	12.5% or higher	1810	341
	WV-061-006413-003	Alan W. Bridges	Northeast Natural Energy LLC	12.5% or higher	1812	257
	WV-061-006413-004	William David Garrett	Northeast Natural Energy LLC	12.5% or higher	1812	255
	WV-061-006413-005	Iris Jones Russell	Northeast Natural Energy LLC	12.5% or higher	1812	259
	WV-061-006413-006	Robert Alan Garrett, a/k/a Bob Garrett	Northeast Natural Energy LLC	12.5% or higher	1812	261
	WV-061-006413-002	Darlene W. Vorhies	Northeast Natural Energy LLC	12.5% or higher	1813	337
	WV-061-006413-007	Jerry D. Atwood	Northeast Natural Energy LLC	12.5% or higher	1813	520
	WV-061-006413-008	James A. Johnson	Northeast Natural Energy LLC	12.5% or higher	1813	522
	WV-061-006413-009	Paulette Sawvel	Northeast Natural Energy LLC	12.5% or higher	1813	524
	WV-061-006413-010	Jerry Lee Johnson	Northeast Natural Energy LLC	12.5% or higher	1813	327
	WV-061-006413-011	JoAnn McClelland Rowland	Northeast Natural Energy LLC	12.5% or higher	1813	329
	WV-061-006413-012	Coralee Neuhart Garrett	Northeast Natural Energy LLC	12.5% or higher	1813	331

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	WV-061-006413-013	Debra Sue Rowley Wells	Northeast Natural Energy LLC	12.5% or higher	1813	333
	WV-061-006413-014	Jason Aaron Holmes	Northeast Natural Energy LLC	12.5% or higher	1813	339
	WV-061-006413-015	Donna Jean McCulley, f/k/a Donna Jean Kelley	Northeast Natural Energy LLC	12.5% or higher	1813	341
	WV-061-006413-016	Ora Kay Yarbrough	Northeast Natural Energy LLC	12.5% or higher	1813	343
	WV-061-006413-017	Garold L. Brown	Northeast Natural Energy LLC	12.5% or higher	1814	621
	WV-061-006413-018	William D. Louthen, Jr.	Northeast Natural Energy LLC	12.5% or higher	1814	623
	WV-061-006413-019	Job Joseph Thompson	Northeast Natural Energy LLC	12.5% or higher	1814	558
	WV-061-006413-020	Karen A. Palencar	Northeast Natural Energy LLC	12.5% or higher	1814	560
	WV-061-006413-021	Gary L. Bridges	Northeast Natural Energy LLC	12.5% or higher	1814	562
	WV-061-006413-022	Patti L. Leasure	Northeast Natural Energy LLC	12.5% or higher	1816	389
	WV-061-006413-024	Cynthia K. Garrett Leininger	Northeast Natural Energy LLC	12.5% or higher	1816	391
	WV-061-006413-025	Rodona A. Dunfee	Northeast Natural Energy LLC	12.5% or higher	1816	395
	WV-061-006413-032	Sharon K. Gustina and John Gustina	Northeast Natural Energy LLC	12.5% or higher	1816	393
	WV-061-006413-026	Cindy Lee	Northeast Natural Energy LLC	12.5% or higher	1820	97
	WV-061-006413-027	Peggy L. Burchette	Northeast Natural Energy LLC	12.5% or higher	1820	99
	WV-061-006172-003	Pamela Whisler Cox	Northeast Natural Energy LLC	12.5% or higher	1821	365
	WV-061-006413-028	Constance Louthen	Northeast Natural Energy LLC	12.5% or higher	1821	265
	WV-061-006413-029	Wanda L. Carroll	Northeast Natural Energy LLC	12.5% or higher	1821	267
	WV-061-006413-030	Patricia J. Bodey-Robinson	Northeast Natural Energy LLC	12.5% or higher	1821	269
	WV-061-006413-033	Patty Brown Froehlich Christian	Northeast Natural Energy LLC	12.5% or higher	1821	271
	WV-061-006413-034	Thomas C. Carroll	Northeast Natural Energy LLC	12.5% or higher	1821	273
	WV-061-006413-036	Thomas L. Winland	Northeast Natural Energy LLC	12.5% or higher	1821	275
	WV-061-006413-038	Rhonda M. Brown Bailey	Northeast Natural Energy LLC	12.5% or higher	1821	263
	WV-061-006413-037	Tamaree B. Littlefield	Northeast Natural Energy LLC	12.5% or higher	1823	153
	WV-061-006413-039	William Bruce Winland	Northeast Natural Energy LLC	12.5% or higher	1825	325
	WV-061-006172-002	Donald McClimans	Northeast Natural Energy LLC	12.5% or higher	1826	631
	WV-061-006413-001	NNE Properties II LLC	Northeast Natural Energy LLC	12.5% or higher	1826	710
	WV-061-006413-031	NNE Properties II LLC	Northeast Natural Energy LLC	12.5% or higher	1826	712
	WV-061-006413-035	NNE Properties II LLC	Northeast Natural Energy LLC	12.5% or higher	1829	117
	WV-061-006413-041	Barbara Garrett Stover	Northeast Natural Energy LLC	12.5% or higher	1832	11
	WV-061-006413-023	Debra Carlene Edwards	Northeast Natural Energy LLC	12.5% or higher	1846	78
F	WV-061-006238-001	The Burns Family General Partnership	Northeast Natural Energy LLC	12.5% or higher	1805	169
	WV-061-006238-002	Deanna M. Frazier	Northeast Natural Energy LLC	12.5% or higher	1807	583
	WV-061-006238-003	Darrin W. Neely	Northeast Natural Energy LLC	12.5% or higher	1807	577
	WV-061-006238-005	Donna J. Walden	Northeast Natural Energy LLC	12.5% or higher	1807	581
	WV-061-006332-001	Barbara E. Henderson	Northeast Natural Energy LLC	12.5% or higher	1807	627
	WV-061-006238-004	Wayne Neely	Northeast Natural Energy LLC	12.5% or higher	1810	341
	WV-061-006332-002	Marvin Lynn Wilson	Northeast Natural Energy LLC	12.5% or higher	1810	65
	WV-061-006332-003	Julia Kay Wilson, f/k/a 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-061-006332-005	Mikell Ann Wilson Reagan	Northeast Natural Energy LLC	12.5% or higher	1810	53
	WV-061-006332-006	Randy L. Snyder	Northeast Natural Energy LLC	12.5% or higher	1810	609
	WV-061-006373-001	Nancy B. Lawler	Northeast Natural Energy LLC	12.5% or higher	1810	693
	WV-061-006373-002	Franciscan Monastery USA, Inc., formerly d/b/a The Commissariat of the Holy Land, Franciscan Monastery	Northeast Natural Energy LLC	12.5% or higher	1814	556
	WV-061-006454-001	Ruth Ann Burns	Northeast Natural Energy LLC	12.5% or higher	1821	353
	WV-061-006373-003	Donald David Engle, Jr.	Northeast Natural Energy LLC	12.5% or higher	1823	237
	WV-061-006373-004	Thomas Sloan Engle	Northeast Natural Energy LLC	12.5% or higher	1823	239
	WV-061-006373-005	Nancy Kelley	Northeast Natural Energy LLC	12.5% or higher	1823	241
	WV-061-006373-006	Douglas Scott Engle	Northeast Natural Energy LLC	12.5% or higher	1823	245
	WV-061-006373-007	Susan E. Patton	Northeast Natural Energy LLC	12.5% or higher	1823	243
G	WV-061-006373-008	Marc Fox a/k/a Marc R. Fox	Northeast Natural Energy LLC	12.5% or higher	1825	609
	WV-061-006373-009	Steven Barnard Engle	Northeast Natural Energy LLC	12.5% or higher	1825	611
	WV-061-00219-001	R.D. Tennant and Elzena Tennant, his wife	T.J. Vandergrift	12.5% or higher	46	233
	*See Tennant Chain attached					
H	WV-049-106904-001	Kimberly R. Shay and Dana R. Shay	Marion Natural Energy LLC	12.5% or higher	1380	452
I*	WV-049-106926-009	Rodney W. Clayton	Northeast Natural Energy LLC	12.5% or higher	1408	1031
	WV-049-106904-001	Kimberly R. Shay and Dana R. Shay	Northeast Natural Energy LLC	12.5% or higher	1380	452
	WV-049-106926-001	Onondaga Holdings Company, LLC	Northeast Natural Energy LLC	12.5% or higher	1381	220
	WV-049-106921-001	Clinton Rowand	Northeast Natural Energy LLC	12.5% or higher	1382	211
	WV-049-106921-002	Dennis Rowand	Northeast Natural Energy LLC	12.5% or higher	1382	213
	WV-049-106921-003	Barbara L. Yost	Northeast Natural Energy LLC	12.5% or higher	1382	215
	WV-049-106926-002	Donald J. Metz, II	Northeast Natural Energy LLC	12.5% or higher	1382	222
	WV-049-106926-003	Lee and Hall Royalties, a Partnership, by Melanie J. Adams, Agent	Northeast Natural Energy LLC	12.5% or higher	1382	225
	WV-049-106926-004	William J. Lough	Northeast Natural Energy LLC	12.5% or higher	1382	730
	WV-049-106926-005	Leslie J. Lough a/k/a Leslie Jeannine Lough	Northeast Natural Energy LLC	12.5% or higher	1385	822
	WV-049-106921-004	Corlas Paulette Heater and Franklin C. Heater	Northeast Natural Energy LLC	12.5% or higher	1391	255
	WV-049-106926-006	Thomas Robert Clayton, III	Northeast Natural Energy LLC	12.5% or higher	1398	498
	WV-049-106926-007	Kenneth W. Clayton	Northeast Natural Energy LLC	12.5% or higher	1405	585
	WV-049-106926-008	Michael W. Clayton	Northeast Natural Energy LLC	12.5% or higher	1405	587
J*	WV-049-106926-009	Rodney W. Clayton	Northeast Natural Energy LLC	12.5% or higher	1408	1031
	WV-049-106714-001	Legacy Holdings, LLC, A Limited Liability Company	Northeast Natural Energy LLC	12.5% or higher	1362	621
	WV-049-106926-001	Onondaga Holdings Company, LLC	Northeast Natural Energy LLC	12.5% or higher	1381	220
	WV-049-106926-002	Donald J. Metz, II	Northeast Natural Energy LLC	12.5% or higher	1382	222
	WV-049-106926-003	Lee and Hall Royalties, a Partnership, by Melanie J. Adams, Agent	Northeast Natural Energy LLC	12.5% or higher	1382	225
	WV-049-106926-004	William J. Lough	Northeast Natural Energy LLC	12.5% or higher	1382	730

	WV-049-106926-005	Leslie J. Lough a/k/a Leslie Jeannine Lough	Northeast Natural Energy LLC	12.5% or higher	1385	822
	WV-049-107012-001	Beverly Diane Wood, Mark Allen Wood, Matthew Ryan Wood	Northeast Natural Energy LLC	12.5% or higher	1386	573
	WV-049-106926-006	Thomas Robert Clayton, III	Northeast Natural Energy LLC	12.5% or higher	1398	498
	WV-049-106926-007	Kenneth W. Clayton	Northeast Natural Energy LLC	12.5% or higher	1405	585
	WV-049-106926-008	Michael W. Clayton	Northeast Natural Energy LLC	12.5% or higher	1405	587
K	WV-049-107012-001	Beverly Diane Wood, Mark Allen Wood, Matthew Ryan Wood	Northeast Natural Energy LLC	12.5% or higher	1386	573
L	WV-049-107012-001	Beverly Diane Wood, Mark Allen Wood, Matthew Ryan Wood	Northeast Natural Energy LLC	12.5% or higher	1386	573
M	WV-061-00219-001	First Exchange Bank, a West Virginia Banking Corporation	EQT Production Company	12.5% or more	1202	231
		EQT Production Company	Northeast Natural Energy LLC	Assignment	1415	892
	WV-049-104884-002	Three Rivers Royalty II, LLC	Northeast Natural Energy LLC	12.5% or higher	1374	597
N		WhiteHawk Income Marcellus LLC, a Delaware limited liability company, by its sole member, WhiteHawk Income Corporation, a Delaware corporation	Northeast Natural Energy LLC	12.5% or higher	1377	271
	WV-049-104884-003		Northeast Natural Energy LLC	12.5% or higher	1400	241
	WV-049-107328-001	Jerry Lee Anduss	Northeast Natural Energy LLC	12.5% or higher		
O	WV-049-107357-001	Deborah Lynn Fawcett, a/k/a Deborah Lynn Toothman Fawcett	Northeast Natural Energy LLC	12.5% or higher	1402	1040
	WV-049-107328-002	Patricia J. Sommerville, by her Attorney-in-fact John Scott Sommerville	Northeast Natural Energy LLC	12.5% or higher	1406	813
	WV-049-107328-003	Barbara S. Bryan	Northeast Natural Energy LLC	12.5% or higher	1406	815
	WV-049-107328-001	Jerry Lee Anduss	Northeast Natural Energy LLC	12.5% or higher	1400	241
P*	WV-049-107357-001	Deborah Lynn Fawcett, a/k/a Deborah Lynn Toothman Fawcett	Northeast Natural Energy LLC	12.5% or higher	1402	1040
	WV-049-107328-002	Patricia J. Sommerville, by her Attorney-in-fact John Scott Sommerville	Northeast Natural Energy LLC	12.5% or higher	1406	813
	WV-049-107328-003	Barbara S. Bryan	Northeast Natural Energy LLC	12.5% or higher	1406	815
Q	WV-049-107186-001	Clara M. Wilson and T.N. Wilson	Jno. C. Chidester & L.B. Hefner	12.5% or higher	180	26
		*See Wilson Chain attached				
	WV-049-106812-002	MNE Properties, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	190
	WV-049-106812-008	Donald Craig McCoy	Northeast Natural Energy LLC	12.5% or higher	1389	832
	WV-049-106812-001	Michael L. Eddy and D. Diana Eddy	Northeast Natural Energy LLC	12.5% or higher	1376	670
	WV-049-106812-003	MNE Properties, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	192
	WV-049-106812-004	Ronald E. Eddy, a/k/a Ronald Eugene Eddy and Martha J. Eddy	Northeast Natural Energy LLC	12.5% or higher	1382	198
	WV-049-106812-005	Fay Edward McCoy	Northeast Natural Energy LLC	12.5% or higher	1382	718
	WV-049-106812-006	Doris Lorraine Yost	Northeast Natural Energy LLC	12.5% or higher	1382	720
	WV-049-106958-001	Joni L. Wilson	Northeast Natural Energy LLC	12.5% or higher	1382	243
	WV-049-106958-002	Connie Wilson	Northeast Natural Energy LLC	12.5% or higher	1382	267
	WV-049-106958-003	Mary Beth Barnett and Christopher Barnett	Northeast Natural Energy LLC	12.5% or higher	1382	245
	WV-049-106958-004	Donald A. Travinski	Northeast Natural Energy LLC	12.5% or higher	1382	734
	WV-049-106958-005	Billie Tennant	Northeast Natural Energy LLC	12.5% or higher	1385	824
	WV-049-106958-006	Beverly Lloyd	Northeast Natural Energy LLC	12.5% or higher	1385	826
	WV-049-106975-001	MNE Properties LLC	Northeast Natural Energy LLC	12.5% or higher	1386	577
	WV-049-106812-007	Carol E. Austin, a/k/a Carol Elizabeth Austin	Northeast Natural Energy LLC	12.5% or higher	1386	62
	WV-049-106958-007	Ronald J. Wilcox	Northeast Natural Energy LLC	12.5% or higher	1388	64
	WV-049-106958-008	MNE Properties LLC	Northeast Natural Energy LLC	12.5% or higher	1388	872
	WV-049-105431-003	David E. May	Northeast Natural Energy LLC	12.5% or higher	1381	175
S		Ronald W. Goodwin, Life Estate, Richard Benson a/k/a Richard H. Benson III, Remainderman, Matthew E. Benson a/k/a Matthew E. Benson, Remainderman	Northeast Natural Energy LLC	12.5% or higher	1383	854
	WV-049-105431-002	Gregory B. Argano and B & G Argano Family Trust, by Gregory B. Argano, acting as Trustee	Northeast Natural Energy LLC	12.5% or higher	1407	258
T	WV-049-106859-003	L.T. Smith	Northeast Natural Energy LLC	12.5% or higher	101	412
U*	WV-061-00219-001	Cora A. Brock and W.E. Brock				
		*See Brock Chain attached				
V	WV-049-106791-001	Donald G. Haight, Jr., Trustee of the Aldean Haight Irrevocable Trust dated January 9, 2013	Northeast Natural Energy LLC	12.5% or higher	1374	612
W	WV-061-00219-001	Elmer Hibbs and Arlene Hibbs	Carnegie Natural Gas Company	12.5% or more	287	316
		*See Hibbs Chain attached				
	WV-049-106533-002	Charles E. Craig and Glenda V. Craig, husband and wife, joint tenants with right of survivorship	Northeast Natural Energy LLC	12.5% or higher	1374	606
X	WV-049-106533-003	Country Roads Minerals LLC	Northeast Natural Energy LLC	12.5% or higher	1406	331
	WV-049-106533-004	LaCore Agriculture, LLC	Northeast Natural Energy LLC	12.5% or higher	1406	333
	WV-049-107362-001	New Bethel Methodist Church, f/k/a New Bethel United Methodist Church	Northeast Natural Energy LLC	12.5% or higher	1403	572
Y	WV-049-106950-001	Elk Range Royalties II, LP	Northeast Natural Energy LLC	12.5% or higher	1382	761
Z	WV-049-106950-002	Elk Range II Co-Invest, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	764
AA	WV-049-007441-001	James S. Ice	Northeast Natural Energy LLC	12.5% or more	1407	152
*Subject to the OGCC HUU Hearing on 6/11/2026						
Note: All agreements to Marion Natural Energy LLC are subject to a Consent to Development Agreement with Northeast Natural Energy LLC filed at 1330/525 in Marion County.						
Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
		R.D. Tennant and Elzena Tennant, his wife	T.J. Vandergrift	12.5% or higher	46	233
		T.J. Vandergrift	J.I. Buchanan	Assignment	46	239
		J.I. Buchanan	Jacob J. Vandergrift and W.J. Young	Assignment	46.5	575
		Jacob J. Vandergrift	W.J. Young	Assignment	49	358

G		W.J. Young	South Penn Oil Company	Assignment	49	367
		South Penn Oil Company	South Penn Natural Gas Company	Assignment	304	457
		South Penn Natural Gas Company	South Penn Oil Company	Deed	580	311
		South Penn Oil Company	Pennzoil Company	Name Change	50	573
		Pennzoil Company	Pennzoil Products Company	Assignment	23	280
		Pennzoil Exploration and Production Company	Pennzoil Exploration and Production Company	Assignment	53	69
		Pennzoil Exploration and Production Company	Pennzoil Exploration and Production, LLC	Merger	N/A	N/A
		Pennzoil Exploration and Production, LLC	Devon Energy Production Company, LLC	Merger	N/A	N/A
		Devon Energy Production Company, LLC	East Resources, Inc.	Deed	1207	146
		East Resources, Inc.	HG Energy LLC	Assignment	110	500
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	123	43
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	158	434
		American Energy - Marcellus, LLC	Ascent Resources Marcellus, LLC	Name Change	122	85
		Ascent Resources Marcellus, LLC	EQT Production Company	Assignment	132	166
	WV-061-00219-001	EQT Production Company	Northeast Natural Energy LLC	Trade Agreement	1415	892
Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
Q	WV-049-107188-001	Clara M. Wilson and T.N. Wilson	Jno. C. Chidester & L.B. Hefner	12.5% or higher	180	26
		Clara M. Wilson and T.N. Wilson	Pittsburgh & West Virginia Gas Company	Extension Agreement	200	370
		Pittsburgh & West Virginia Gas Company	Equitable Gas Company	Deed	510	487
		Equitable Gas Company	Equitrans, Inc.	Assignment	217	125
		Equitrans, Inc.	Tri-County Oil & Gas, Inc.	Assignment	18	753
		Tri-County Oil & Gas, Inc.	Ammons Energy, Inc.	Assignment	1133	757
		Ammons Energy, Inc.	Hundred Resources Inc.	Assignment	45	517
		Hundred Resources Inc.	Piney Holdings, Inc.	Assignment	1159	405
		Piney Holdings, Inc.	Marion Natural Energy LLC	Assignment	67	795
Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
U		Cora A. Brock and W.E. Brock	L.T. Smith	12.5% or higher	101	412
		L.T. Smith	South Penn Oil Company	Assignment	110	323
		South Penn Oil Company	Hope Natural Gas Company	Assignment	180	247
		Hope Natural Gas Company	Consolidated Gas Supply Corporation	Confirmatory Deed	680	35
		Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	9	912
		Consolidated Gas Transmission Corporation	CNG Transmission Corporation	Name Change	46	654
		CNG Transmission Corporation	Eastern States Oil & Gas, Inc.	Assignment	16	993
		Eastern States Oil & Gas, Inc.	Equitable Production - Eastern States, Inc.	Name Change	WV SOS	WV SOS
		Equitable Production - Eastern States, Inc.	EQT Production Company	Name Change	61	558
	WV-061-00219-001	EQT Production Company	Northeast Natural Energy LLC	Trade Agreement	1415	892
Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
W		Elmer Hibbs and Arlene Hibbs	Carnegie Natural Gas Company	12.5% or higher	287	316
		Carnegie Natural Gas Company	Carnegie Production Company	Assignment	20	748
		Carnegie Production Company	Equitable Production - Eastern States, Inc.	Merger		
		Equitable Production - Eastern States, Inc.	EQT Production Company	Name Change	61	558
	WV-061-00219-001	EQT Production Company	Northeast Natural Energy LLC	Trade Agreement	1415	892

RECEIVED
Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection



March 27, 2026

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:

- Laurel Run Rd (17/2)
- Evert Drive
- Rush Run Rd (17/1)
- Dovetail Lane
- Robinson Run Rd

Sincerely,

A handwritten signature in blue ink, reading 'Tyler C. Murray', is written over a horizontal line.

Tyler Murray
Landman II

RECEIVED
Office of Oil and Gas
JUN 02 2026
WV Department of
Environmental Protection



June 1, 2026

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

Re: Sullivan 2H, 4H, 6H, 8H, 10H, & 12H Expedited Modification- Lateral Extensions

Dear Permit Reviewer,

Northeast Natural Energy LLC ("NNE") is requesting modifications to extend the lateral lengths of the proposed Sullivan 2H, 4H, 6H, 8H, 10H, & 12H wells. The proposed wells will be in the Clay District of Monongalia County, WV.

Enclosed please find the following documents for each well: WW6B, Well Bore Schematic, WW6A1 and attachments, Mylar Plat, Area of Review, and a check for \$45,000 for the expedited review fees.

The Site Safety Plan, Safety Data Sheets, an electronic copy of the Sullivan Well Site Plan, and the As-Built Well Site Plan can be found at the link below.

<https://northeastnaturalenergy.box.com/v/NNESullivanMOD2026>

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Hollie Medley', with a long horizontal flourish extending to the right.

Hollie Medley
Regulatory Manager