



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 6H
47-061-02018-00-00

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 6H
Farm Name: ALAN SULLIVAN
U.S. WELL NUMBER: 47-061-02018-00-00
Horizontal 6A New Drill
Date Modification Issued: 06/12/2026

Promoting a healthy environment.

06/12/2026

WW-6B
(04/15)

4706102018
API NO. 47- _____
OPERATOR WELL NO. ^{6H} _____
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: 6H 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 _____ CK#21476
Horizontal X CK\$45,000.00
- 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: 30,179'
- 11) Proposed Horizontal Leg Length: 21,506'
- 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

WW-6B
(04/15)

4706102018
API NO. 47- _____
OPERATOR WELL NO. ^{6H} _____
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	9-5/8	New	J-55	36	2,530	2,500	CTS
Production	5-1/2	New	HP P-110	20	30,179	30,129 ✓	6,584 ✓
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	N/A	0.217	13,870	N/A	N/A	N/A
Liners	-	-	-	-	-	-	-

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WV Department of
Environmental Protection

PACKERS

Kind:				
Sizes:				
Depths Set:				

Robert J. Hitt

4-14-26

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.

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.



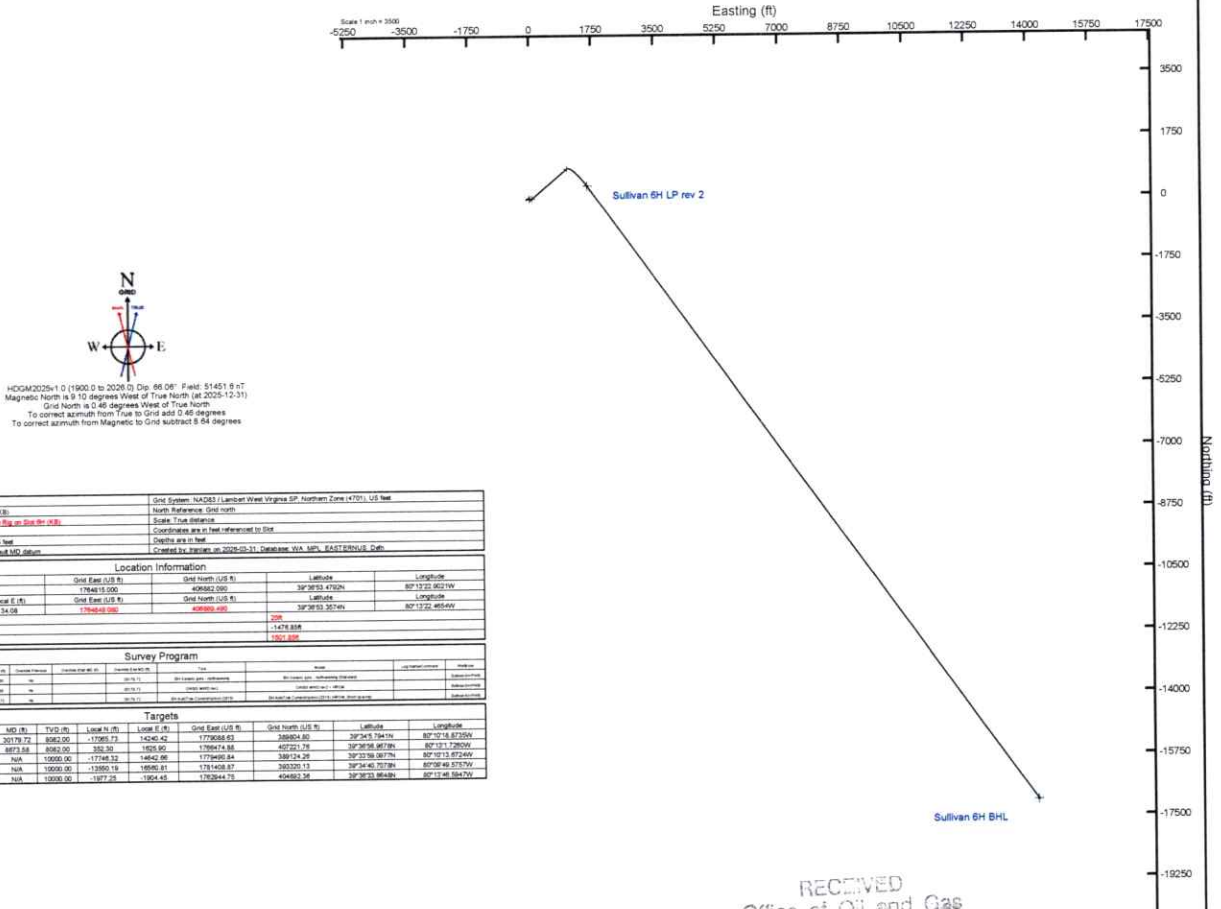
NORTHEAST NATURAL ENERGY, LLC

Area: Monongalia County, WV
Field: Monongalia
Facility: Sullivan Pad
Slot: 6H

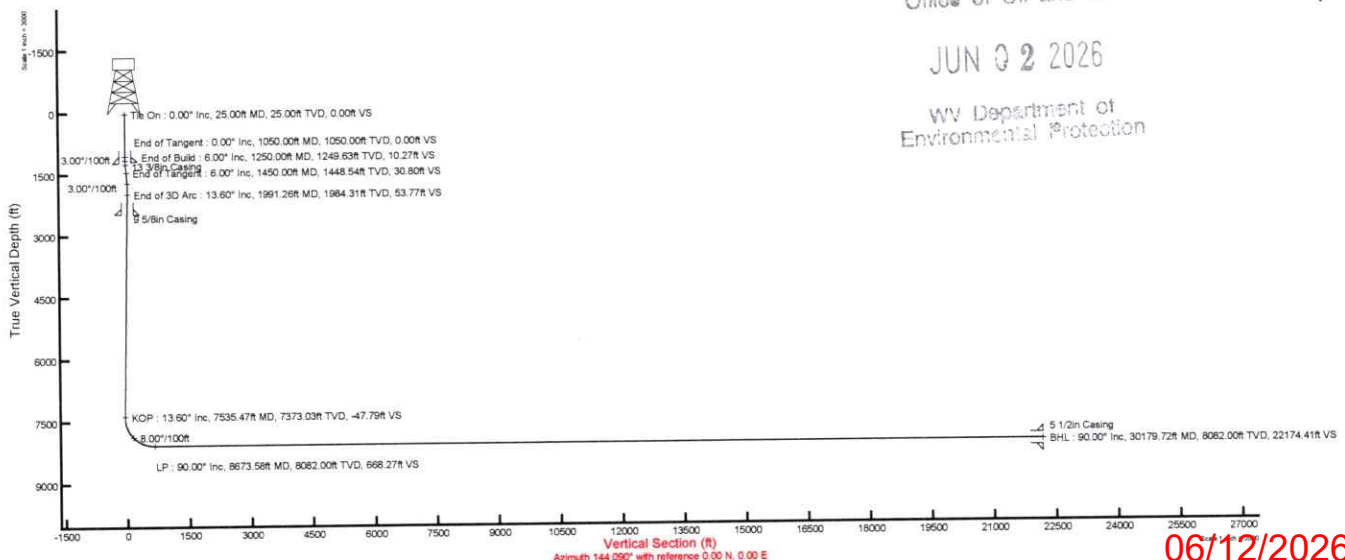
Well: Sullivan 6H
UWI/Legal:
Wellbore: Sullivan 6H PWB
Wellpath: Sullivan 6H Ex-06



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	0.000	155.000	25.00	0.00	0.00	0.00	0.00		
End of Tangent	1050.00	0.000	155.000	1050.00	0.00	0.00	0.00	0.00		
End of Build	1250.00	6.000	155.000	1249.63	-9.48	4.42	3.00	10.27		
End of Tangent	1450.00	6.000	155.000	1448.54	-28.43	13.26	0.00	30.80		
End of 3D Arc	1991.26	13.602	49.622	1984.31	-12.73	74.10	3.00	53.77		
KOP	7535.47	13.602	49.622	7373.03	831.94	1067.37	0.00	-47.79		
LP	8673.58	90.000	144.087	8082.00	352.30	1625.90	8.00	668.27		
BHL	30179.72	90.000	144.087	8082.00	-17065.73	14240.42	0.00	22174.41		
Bottom Hole Location										
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
30179.72	90.000	144.087	8082.00	-17065.73	14240.42	1779088.63	389804.80	39°34'5.7941"N	80°19'16.8735"W	
Hole and Casing Sections										
Name	Start MD (ft)	End MD (ft)	Interval (ft)	Start TVD (ft)	End TVD (ft)	Start Local N (ft)	Start Local E (ft)	End Local N (ft)	End Local E (ft)	Wellbore
13 3/8in Casing	25.00	1200.15	1175.15	25.00	1200.00	0.00	0.00	-5.35	2.49	Sullivan 6H PWB
9 5/8in Casing	25.00	2500.00	2475.00	25.00	2478.79	0.00	0.00	64.78	165.25	Sullivan 6H PWB
5 1/2in Casing	25.00	30179.72	30154.72	25.00	8082.00	0.00	0.00	-17065.73	14240.42	Sullivan 6H PWB



Top reference points in Subnet 01 (S01) Top vertical points are referenced to Rig on Slot 1 (H01) Reference points, measured depths are referenced to Rig on slot the H01 Rig on Slot 1 (H01) to Mean Sea Level: 1001.80 feet Slot 1 Sea Level to Ground level (S01 Slot 1): 1.4767 H01 feet Offset between MDAs are referenced to each path's vertical H01 datum				Grid System: NAD83 Lambert North Virginia US Northern Zone 1701 US Unit North Reference: Horizontal Depth: True distance Coordinates are in feet referenced to Slot Depth is in feet Created by: Bryan W. 2020-01-21 Created by: W.A. MPA, 2020-01-21 Date:			
Location Information							
Facility Name	Grid East U.S. ft		Latitude		Longitude		
Subslot Path	4206421.00		39°38'33.4720N		80°13'22.8637W		
Slot	Local ft (S)	Local ft (E)	Grid East U.S. ft	Grid North U.S. ft	Longitude		
	12.60	34.08	179467.4920	4206421.00	39°38'33.3674N		80°13'22.4654W
Rig on Slot 1 (H01) to Ground level (S01 Slot 1) Mean Sea Level to Ground level (S01 Slot 1) Rig on Slot 1 (H01) to Mean Sea Level							
					1747.88		
					1501.92		
Program Summary							
Iteration	Location	Local East (S)	Local East (E)	Grid East (S)	Grid East (E)	Notes	Accepted
1	Subslot Path	12.60	34.08	179467.4920	4206421.00	Initial location	



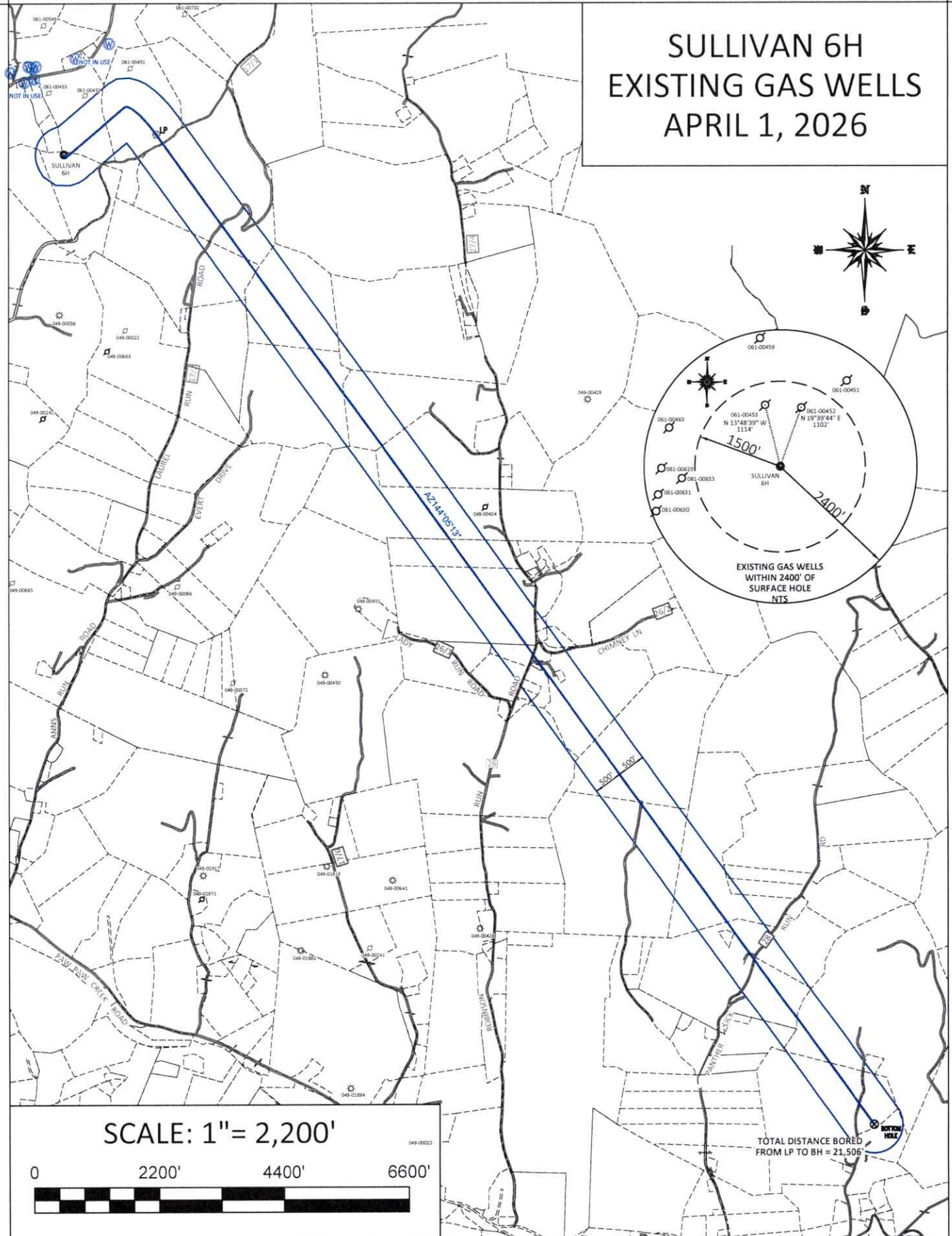
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Environmental Protection

06/12/2026

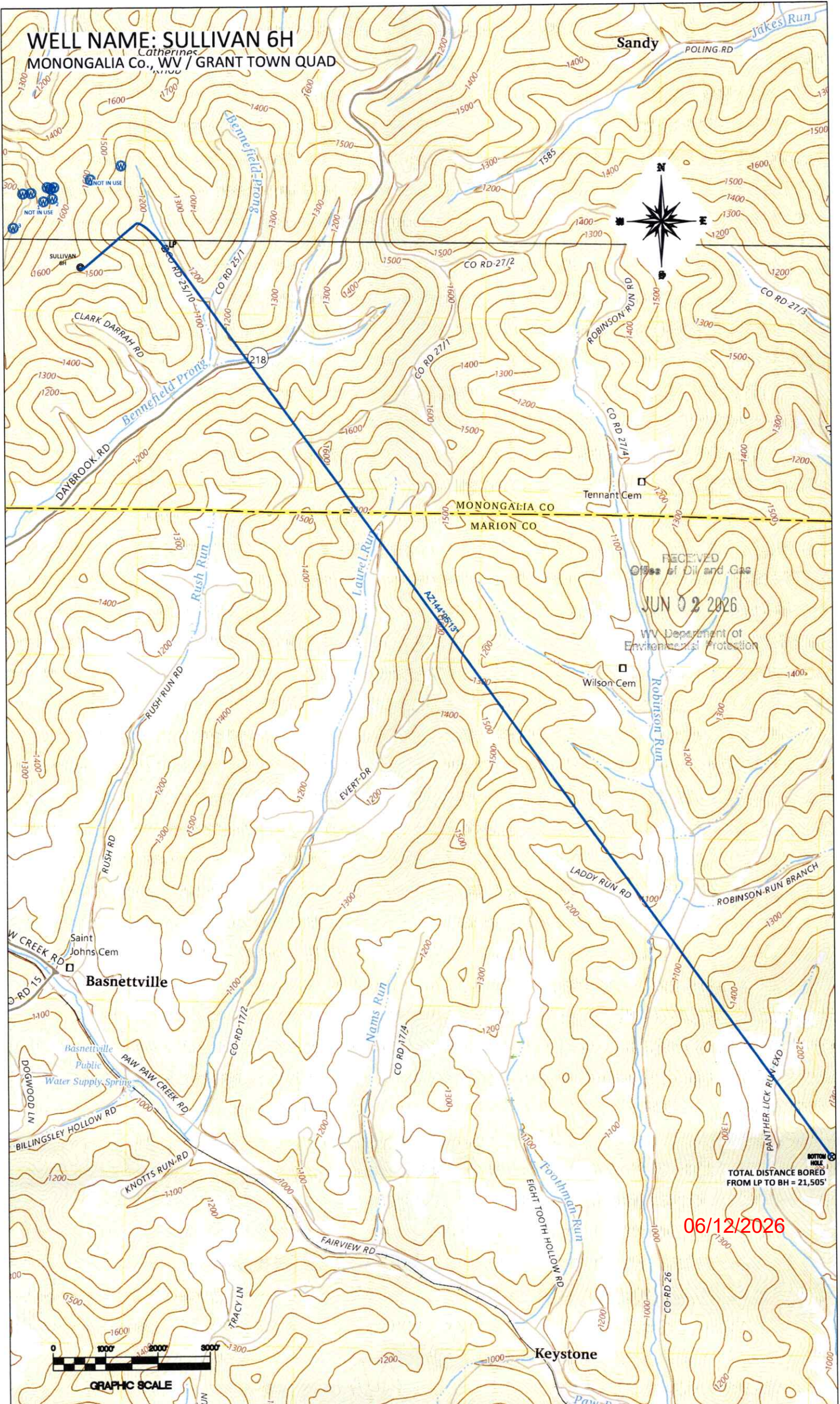
SULLIVAN 6H EXISTING GAS WELLS APRIL 1, 2026



Sullivan 6H AREA OF REVIEW

API Number	Well Name	Well Number	Operator	Latitude (NAD 83)	Longitude (NAD 83)	TMP	TVD	Producing Formation	Notes
061-00452	M A Ammons	4	East Resources, Inc.	39.617686	-80.221631	4-26-38	NA	NA	Plugged

WELL NAME: SULLIVAN 6H
Catherine's
MONONGALIA Co., WV / GRANT TOWN QUAD



06/12/2026

TOTAL DISTANCE BORED
FROM LP TO BH = 21,505'



	PROPERTY OWNER INDEX
4-26-35.1	ALAN SULLIVAN
4-26-38	ADAM CLAY DARRAH
4-26-36	LARRY NOLAN & LINDA MAE PAYTON
4-25-3	DAVID M & DAWN M LINDNER
16-9-44	ROBERT R FOLEY
16-14-9	GEORGE R & AVA B CARPENTER 1/2 & JOHN W & KAREN D 1/2 INT
16-14-5	JOHN W & KAREN D CARPENTER
16-14-6	NANCY HAMILTON
16-15-10	BUCKVILLE ENTERPRISE LLC
16-13-54	NICHOLAS CARLYLE
16-13-53	KERRY L DARRAH (1/2 INT) & KERRY L & TROY (1/2 INT)
16-13-51	KERRY L DARRAH (1/2 INT) & KERRY L & TROY (1/2 INT)
16-13-50.3	ROBERT & DENISE MCGINTY
16-16-40.3	ROGER HODGE & TERESA RATCLIFF
16-16-40	ROBERT P & LORETTA GRIFFIN
16-16-40.8	JOSH & ASHLEY REALL
16-16-40.4	JOSHUA C REALL
16-16-38	ROBERT W & KAREN S GUMINEY
16-16-32	PJH RANCH LLC
16-16-33	DENNIS H & FRANCIS A FURBEE
16-16-31.1	DENNIS H & FRANCES A FURBEE
16-16-31	ANDREW D FURBEE
16-23-21	BEVERLY A K & BRADLEY HOLZWART &/ ALBERT B EDDY II
16-23-22	RAY A MARTIN JR & JESSICA M MARTIN
16-23-34	MARY E STRAIGHT EST ETA
16-23-33	ARLEEN D RODRIGUEZ (LIFE 1221-23)
16-23-35	MICHAEL R & GABRIELLE L BOYLES

LEASE INDEX			
A	WV-061-006979-002	O	WV-049-106812-002
B	WV-061-006256-001	P	WV-049-106812-002
C	WV-061-006256-001	Q	WV-049-106812-002
D	WV-061-003690-001	R	WV-049-107219-001
E	WV-049-104886-000	S	WV-049-704336-001
F	WV-049-103851-002	T	WV-061-00219-001
G	WV-049-104934-000	U	WV-049-107007-001
H	WV-049-104088-006	V	WV-049-106726-001
I	WV-049-105191-000	W	WV-061-00219-001
J	WV-049-106950-001	X	WV-049-007259-006
K	WV-049-107209-010	Y	WV-049-004477-001
L	WV-049-106790-001	Z	WV-049-104638-003
M	WV-049-106812-002	AA	WV-049-005969-003
N	WV-049-106812-002		

06/12/2026

FILE #: <u>NNE20</u>	DATE: <u>APRIL 2, 2026</u>
DRAWING #: <u>4141</u>	OPERATOR'S WELL #: <u>SULLIVAN 6H</u>
SCALE: <u>N/A</u>	API WELL #: <u>47</u> <u>61</u> <u>02018</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
See Attached				

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

**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 LLC

By: Hollie Medley

Its: Regulatory Manager

SULLIVAN 6H WV6A1 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-061-006256-001	Milton A. Ammons and Armenia Ammons; Charles Powell, Special Commissioner	C.J. Ford; South Penn Oil Co	12.5% or higher	27	1
		*See Ammons Chain				
C	WV-061-006256-001	Milton A. Ammons and Armenia Ammons; Charles Powell, Special Commissioner	C.J. Ford; South Penn Oil Co	12.5% or higher	27	1
		*See Ammons Chain				
D*	WV-061-003690-001	West Virginia University Foundation, Inc.	Northeast Natural Energy LLC	12.5% or higher	1531	247
E	WV-049-104886-000	Three Rivers Royalty II, LLC	Northeast Natural Energy LLC	12.5% or higher	1227	824
F	WV-049-103851-002	Neil P. Eddy	Northeast Natural Energy LLC	12.5% or higher	1377	265
	WV-049-103851-003	James E. Eddy	Northeast Natural Energy LLC	12.5% or higher	1377	267
	WV-049-103851-004	Michael J. Eddy	Northeast Natural Energy LLC	12.5% or higher	1377	269
	WV-049-103851-007	Kyle F. Eddy	Northeast Natural Energy LLC	12.5% or higher	1382	710
	WV-049-103851-005	Christina K. Benson	Northeast Natural Energy LLC	12.5% or higher	1380	419
	WV-049-103851-006	Natalie Eddy, a/k/a Natalie Green Eddy (Kenneth R. Eddy, heir)	Northeast Natural Energy LLC	12.5% or higher	1380	421
G	WV-049-104934-000	John W. Carpenter and Karen D. Carpenter	Northeast Natural Energy LLC	12.5% or higher	1228	1076
H*	WV-049-104088-006	Michael L. Eddy and D. Diana Eddy	Northeast Natural Energy LLC	12.5% or higher	1398	649
	WV-049-104088-007	Ronald E. Eddy, a/k/a Ronald Eugene Eddy, and Martha J. Eddy	Northeast Natural Energy LLC	12.5% or higher	1399	611
	WV-049-104088-008	Fay E. McCoy	Northeast Natural Energy LLC	12.5% or higher	1403	560
I	WV-049-105191-000	Buckville Enterprises, LLC	Northeast Natural Energy LLC	12.5% or higher	1228	423
J	WV-049-106950-001	Elk Range Royalties II, LP	Northeast Natural Energy LLC	12.5% or higher	1382	761
	WV-049-106950-002	Elk Range II Co-Invest, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	764
K*	WV-049-107209-010	AMP V, LP	Northeast Natural Energy LLC	12.5% or higher	1405	642
	WV-049-107209-001	Edith Mae Ramsey Riggs	Northeast Natural Energy LLC	12.5% or higher	1394	351
	WV-049-107209-002	Bruce Alan Riggs	Northeast Natural Energy LLC	12.5% or higher	1394	909
	WV-049-107209-003	Ades Riggs Knisely	Northeast Natural Energy LLC	12.5% or higher	1398	19
	WV-049-107209-004	Paul S. Riggs	Northeast Natural Energy LLC	12.5% or higher	1398	21
	WV-049-107209-005	Gordon Lee Riggs, Jr.	Northeast Natural Energy LLC	12.5% or higher	1398	23
	WV-049-107209-006	Homer William Riggs	Northeast Natural Energy LLC	12.5% or higher	1398	500
	WV-049-107209-007	Tammy Teresa Ellis	Northeast Natural Energy LLC	12.5% or higher	1399	609
	WV-049-107209-008	Eadie M. Riggs a/k/a Eadie Mae Winchell	Northeast Natural Energy LLC	12.5% or higher	1399	607
	WV-049-107209-009	Jenny Lou Cavin a/k/a Jenny Lou Riggs	Northeast Natural Energy LLC	12.5% or higher	1399	605
	WV-049-107209-011	Pauline D. McMaster	Northeast Natural Energy LLC	12.5% or higher	1403	564
	WV-049-107209-012	Sheila Fay White	Northeast Natural Energy LLC	12.5% or higher	1403	566
	WV-049-107209-013	Len Erick Winston	Northeast Natural Energy LLC	12.5% or higher	1407	256
	WV-049-107209-014	Ronald Joseph Plodzick	Northeast Natural Energy LLC	12.5% or higher	1407	254
	WV-049-107209-015	Dana A. Winston	Northeast Natural Energy LLC	12.5% or higher	1407	252
L	WV-049-106790-001	Kerry L. Darrah	Northeast Natural Energy LLC	12.5% or higher	1374	610
	WV-049-106790-002	Ridgetop Appalachia LLC	Northeast Natural Energy LLC	12.5% or higher	1374	610
M*	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-049-106938-001	DUC Hunter, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	732
	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-049-106812-007	Carol E. Austin, a/k/a Carol Elizabeth Austin	Northeast Natural Energy LLC	12.5% or higher	1388	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	1392	872
	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

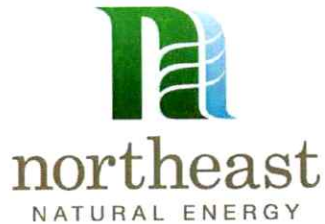
N*	WV-049-106812-005	Fay Edward McCoy	Northeast Natural Energy LLC	12.5% or higher	1382	718
	WV-049-106812-006	Doris Lorraine Yost	Northeast Natural Energy LLC	12.5% or higher	1382	720
	WV-049-106938-001	DUC Hunter, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	732
	WV-049-106958-001	Joni L. 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-049-106812-007	Carol E. Austin, a/k/a Carol Elizabeth Austin	Northeast Natural Energy LLC	12.5% or higher	1388	62
O*	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	1392	872
	WV-049-106812-002	MNE Properties, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	190
	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-049-106938-001	DUC Hunter, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	732
	WV-049-106958-001	Joni L. Wilson	Northeast Natural Energy LLC	12.5% or higher	1382	243
P*	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-049-106958-007	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	1392	872
	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
Q*	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-049-106938-001	DUC Hunter, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	732
	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
R*	WV-049-106958-006	Beverly Lloyd	Northeast Natural Energy LLC	12.5% or higher	1385	826
	WV-049-106812-007	Carol E. Austin, a/k/a Carol Elizabeth Austin	Northeast Natural Energy LLC	12.5% or higher	1388	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	1392	872
	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-049-106844-001	James Edward King, Jr.	Northeast Natural Energy LLC	12.5% or higher	1377	365
	WV-049-106844-002	Melissa Jane Clark	Northeast Natural Energy LLC	12.5% or higher	1380	446
	WV-049-106812-003	MNE Properties, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	192
S	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-049-106938-001	DUC Hunter, LLC	Northeast Natural Energy LLC	12.5% or higher	1382	732
	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
T	WV-049-106812-007	Carol E. Austin, a/k/a Carol Elizabeth Austin	Northeast Natural Energy LLC	12.5% or higher	1388	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	1392	872
	WV-049-107219-001	Deborah K. Hoover	Northeast Natural Energy LLC	12.5% or higher	1397	109
S	WV-049-107219-002	Patricia A. DeRosa	Northeast Natural Energy LLC	12.5% or higher	1397	111
	WV-049-107219-003	Christy L. Ahsanullah	Northeast Natural Energy LLC	12.5% or higher	1397	113
	WV-049-107219-004	Lois J. Ferguson	Northeast Natural Energy LLC	12.5% or higher	1398	502
	WV-049-704336-001	L. Zane Shuck, acting as Trustee for L Zane Shuck Trust dated July 1, 2008	Northeast Natural Energy LLC	12.5% or higher	1203	600
T	WV-061-00219-001	EQT Production Company	Northeast Natural Energy LLC	12.5% or higher	1415	892

U	WV-049-107007-001	Aldean Haught a/k/a Aldina Haught	Northeast Natural Energy LLC	12.5% or higher	1385	830
	WV-049-107007-001	Aldean Haught a/k/a Aldina Haught	Northeast Natural Energy LLC	12.5% or higher	1385	830
	WV-049-107007-002	MNE Properties LLC	Northeast Natural Energy LLC	12.5% or higher	1388	36
	WV-049-107007-003	Janice E. Griffith, a/k/a Joyce Elaine Griffith	Northeast Natural Energy LLC	12.5% or higher	1388	38
	WV-049-107007-005	Debbie Byers a/k/a Deborah Ann Byers	Northeast Natural Energy LLC	12.5% or higher	1389	47
	WV-049-107007-006	Ida G. Kirkbride	Northeast Natural Energy LLC	12.5% or higher	1389	49
	WV-049-107007-007	Harold D. Bates	Northeast Natural Energy LLC	12.5% or higher	1389	51
	WV-049-107007-004	Beverly Ann Hibbs Graham	Northeast Natural Energy LLC	12.5% or higher	1391	257
	WV-049-107007-008	Dana A Srbnovich	Northeast Natural Energy LLC	12.5% or higher	1391	983
	WV-049-107007-009	Aaron M. Byers	Northeast Natural Energy LLC	12.5% or higher	1391	985
	WV-049-107007-010	Christopher Srbnovich	Northeast Natural Energy LLC	12.5% or higher	1391	988
	WV-049-107007-011	Charles Stuart Baker	Northeast Natural Energy LLC	12.5% or higher	1398	15
	WV-049-107007-012	Cathy S. Szepletowski f/k/a Cathy Baker	Northeast Natural Energy LLC	12.5% or higher	1400	233
	WV-049-107007-013	Sylvia Gayle Cregar f/k/a Sylvia Baker	Northeast Natural Energy LLC	12.5% or higher	1400	235
	WV-049-107007-014	Robert A. Byers	Northeast Natural Energy LLC	12.5% or higher	1400	237
	WV-049-107007-016	Christina Beith a/k/a Christina L. Fisher	Northeast Natural Energy LLC	12.5% or higher	1405	589
	WV-049-107007-017	James D. Byers	Northeast Natural Energy LLC	12.5% or higher	1407	260
V	WV-049-106726-001	J&N Management Enterprises LLC	Northeast Natural Energy LLC	12.5% or higher	1367	250
W	WV-061-00219-001	EQT Production Company	Northeast Natural Energy LLC	12.5% or higher	1415	892
X*	WV-049-007259-006	Ray A. Martin, Jr., and Jessica M. Martin	Northeast Natural Energy LLC	12.5% or higher	1407	246
	WV-049-107259-007	Suzanne Ponce, f/k/a Suzanne McCoy and Daniel Ponce	Northeast Natural Energy LLC	12.5% or higher	1407	248
	WV-049-107259-008	Rita C. Frye, a/k/a Rita Carol Frye	Northeast Natural Energy LLC	12.5% or higher	1407	250
	WV-049-107259-001	MNE Properties LLC	Northeast Natural Energy LLC	12.5% or higher	1403	690
	WV-049-107259-002	MNE Properties LLC	Northeast Natural Energy LLC	12.5% or higher	1403	692
	WV-049-107259-004	Michelle Fitzgerald, f/k/a Michelle McCoy, and Michael Fitzgerald	Northeast Natural Energy LLC	12.5% or higher	1406	809
	WV-049-107259-005	Jacqueline McCoy, f/k/a Jacqueline Withers, f/k/a Jackie Marie McCoy Withers	Northeast Natural Energy LLC	12.5% or higher	1406	811
Y	WV-049-004477-001	Guy Robison	Northeast Natural Energy LLC	12.5% or higher	1211	877
	WV-049-004477-002	Glenn Robison	Northeast Natural Energy LLC	12.5% or higher	1211	872
	WV-049-106941-001	Susan Regester and David Regester	Northeast Natural Energy LLC	12.5% or higher	1382	233
	WV-049-106942-001	Patricia Ann Jones and David Jones	Northeast Natural Energy LLC	12.5% or higher	1382	236
Z	Arleen D. Rodriguez (Life Estate Interest) and Arleen D. Rodriguez Irrevocable Trust, dated April 18, 2017 (Remainder Interest), Kenneth M. Rodriguez acting as					
	WV-049-104638-003	Trustee	Northeast Natural Energy LLC	12.5% or higher	1380	426
AA	WV-049-005969-003	Michael R. Boyles and Gabrielle L. Boyles	Northeast Natural Energy LLC	12.5% or higher	1410	932

***Subject to the OGCC HUO 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
B; C	WV-061-005256-001	Milton A. Ammons and Armina Ammons	C.J. Ford	12.5% or higher	27	1
		Charles J. Ford	South Penn Oil Company	Assignment	27	287
		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 Products Company	Pennzoil Exploration and Production Company	Assignment	53	69
		Pennzoil Exploration and Production Company	Pennzenergy Exploration and Production, LLC	Merger	N/A	N/A
		Pennzenergy 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
		EQT Production Company	Northeast Natural Energy LLC	Trade Agreement	1415	892



4706 1020 18

March 27, 2026

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

RE: Sullivan 6H

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)
- Panther Lick Run Rd (28)
- Robinson Run Rd (26)
- Wolf Drive (28/1)
- Rush Run Rd (17/1)

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, sweeping horizontal line extending to the right.

Hollie Medley
Regulatory Manager