



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, August 22, 2025
WELL WORK PERMIT
Horizontal 6A / New Drill

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

Re: Permit approval for ERP 1H
47-061-02010-00-00

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.

James A. Martin
Chief

Operator's Well Number: ERP 1H
Farm Name: Phoenix Energy Resources, LLC
U.S. WELL NUMBER: 47-061-02010-00-00
Horizontal 6A New Drill
Date Issued: 8/22/2025

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.

08/22/2025

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

1) Well Operator: Northeast Natural Energy L 494498281 Monongalia Battelle Wadestown
Operator ID County District Quadrangle

2) Operator's Well Number: 1H Well Pad Name: ERP

3) Farm Name/Surface Owner: Phoenix Energy Resources LLC Public Road Access: Route 17/Miracle Run Rd

4) Elevation, current ground: N/A Elevation, proposed post-construction: 1338' (built)

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____
(b) If Gas Shallow X Deep _____
Horizontal X

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 8,113', 99', 5,200 psi

8) Proposed Total Vertical Depth: 8,062'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 29,551'

11) Proposed Horizontal Leg Length: 20,910'

12) Approximate Fresh Water Strata Depths: 1,217'

13) Method to Determine Fresh Water Depths: Drillers Log from Offset Wells

14) Approximate Saltwater Depths: 2,470'

15) Approximate Coal Seam Depths: 1,119'

16) Approximate Depth to Possible Void (coal mine, karst, other): No voids expected

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes X active/non-producing No

(a) If Yes, provide Mine Info: Name: Federal #2
Depth: 1,230'
Seam: Pittsburgh
Owner: Phoenix Federal No 2 Mining, LLC

Gayne
Knitowski
Digitally signed by
Gayne Knitowski
Date: 2025.07.15
14:39:37 -04'00'

WW-6B
(04/15)

API NO. **47-06102010**
OPERATOR WELL NO. ^{1H}
Well Pad Name: ERP

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	1,350	1,320	CTS
Coal	-	-	-	-	-	-	-
Intermediate	9-5/8	New	J-55	36.0	2,640	2,610	CTS
Production	5-1/2	New	HP P-110	20	29,551	29,501	6,410
Tubing	2-7/8	New	P-110	6.5	N/A	8,500	N/A
Liners	-	-	-	-	-	-	-

Gayne
Knitowski

Digitally signed by Gayne
Knitowski
Date: 2025.07.15 14:40:01
+04'00'

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	2,730	1,500	Class A or L	1.14
Coal	-	-	-	-	-	-	-
Intermediate	9-5/8	12-1/4	0.395	3,520	2,800	Class A or L	1.19
Production	5-1/2	8-3/4	0.361	15,590	11,400	50:50 POZ	1.16
Tubing	2-7/8	N/A	0.217	13,870	N/A	N/A	N/A
Liners	-	-	-	-	-	-	-

PACKERS

Kind:				
Sizes:				
Depths Set:				

RECEIVED
Office Of Oil and Gas
JUL 22 2025
WV Department of
Environmental Protection

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): 55.83

22) Area to be disturbed for well pad only, less access road (acres): 34.3

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 maximized and tripping will begin once the wellbore has been circulated cleaned.
Production casing will be circulated prior to cementing to ensure a prepared wellbore for cement.

*Note: Attach additional sheets as needed.

RECEIVED
Office of Oil and Gas
JUL 22 2025
Department of
Environmental Protection

08/22/2025

WW-9
(4/16)

4706102010

API Number 47 - _____
Operator's Well No. ERP 1H _____

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) Dunkard Creek Quadrangle Wadestown

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 ☒

If so, please describe anticipated pit waste: NA

Will a synthetic liner be used in the pit? Yes ☐ No ☐ If so, what ml.? NA

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application
- ☐ Underground Injection (UIC Permit Number _____)
- ☒ Reuse (at API Number unknown 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 Hollie Medley

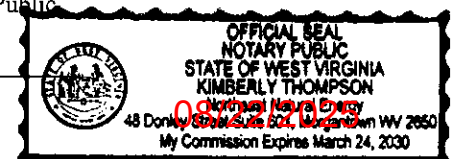
Company Official (Typed Name) Hollie Medley

Company Official Title Regulatory Manager

Subscribed and sworn before me this 16th day of July, 2025

Kimberly Thompson Notary Public

My commission expires March 24, 2030



Attachment A to WW-9

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

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

- Westmoreland Sanitary Landfill (Noble Environmental) – Belle Vernon, PA (Permit # 100277)
- Chestnut Valley Landfill (Noble Environmental) – McClellandtown, PA (Permit # 100419)
- APEX Environmental, LLC- Amsterdam, OH (Permit # PTI 06-08448)

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

UIC Well Name	Owner/Operator	API No.
K & H Disposal	Tall Grass	47-061-01689
Dennison Disposal Well	Dennison Disposal	34-157-2-5507
Nichols	Select Water	34-167-2-3862
Goff	Select Water	34-119-2-8776
Clearwater 3	Select Water	34-059-2-3986
Bo	Select Water	34-059-2-4473
Shields	Select Water	34-059-2-4445
Redbird #2	Redbird Development, LLC	34-167-2-9731
Redbird #4	Redbird Development, LLC	34-167-2-9767
Mills	Deep Rock Disposal	34-105-2-3619
Dexter City	Deep Rock Disposal	34-121-24037
Ritchie	Deep Rock Disposal	47-085-09721

RECEIVED
Office Of Oil and Gas
JUL 22 2025
WV Department of
Environmental Protection

08/22/2025

Northeast Natural Energy LLCProposed Revegetation Treatment: Acres Disturbed 51.23 Prevegetation pH 5-7Lime 2 Tons/acre or to correct to pH 7Fertilizer type 19-19-19Fertilizer amount 300 lbs/acreMulch 2 Tons/acreSeed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	46	Orchard Grass	46
Red Clover	8	Red Clover	8
Tetraploid Perennial Rye	16	Tetraploid Perennial Rye	16
Timothy 15 Annual Rye 15		Timothy 15 Annual Rye	15

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Gayne Knitowski Digitally signed by Gayne Knitowski
Date: 2025.07.15 14:31:31
+04'00'

Comments: _____

Title: Inspector Date: 07/15/2025Field Reviewed? (X) Yes () No

RECEIVED
Office Of Oil and Gas
JUL 22 2025
WV Department of
Environmental Protection

08/22/2025



Monongalia County Site Safety Plan

2025

Gayne
Knitowski

Digitally signed by
Gayne Knitowski
Date: 2025.07.15
14:29:54 -04'00'

RECEIVED
Office Of Oil and Gas
JUL 22 2025
WV Department of
Environmental Protection

08/22/2025

ERP Well Pad

Battelle District
Monongalia County

ACCESS ROAD ENTRANCE

31 Happy Lane
Fairview, WV 26570

39.634801 Lat, -80.286663 Long (WV-83)

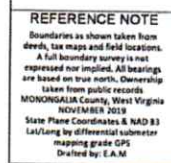
N 4387468.06, E 561213.67 (NAD 83 UTM)

DRIVING DIRECTIONS

From Exit Number 155 (Star City) on Interstate 79 travel west on Rt. 19/24 towards Morgantown, WV for 0.43 miles to the intersection of said Rt. 19/24 and Rt. 19 at the Sheetz Store. Turn left onto Rt. 19 and travel north for 1.68 miles to the intersection of said Rt. 19 and Rt. 7 (Mason Dixon Highway). Turn left onto Rt. 7 and travel west for 17.35 miles to the intersection of said Rt. 7 and Rt. 17 (Miracle Run Road). Turn left onto said Rt. 17 and travel south for 2.08 miles to the intersection of said Rt. 17 and Rt. 17/1 (Happy Lane Road). Turn right onto said Rt. 17/1 and travel for approximately 390 feet to the ERP Well Pad access road on the left.

*See Attached Map





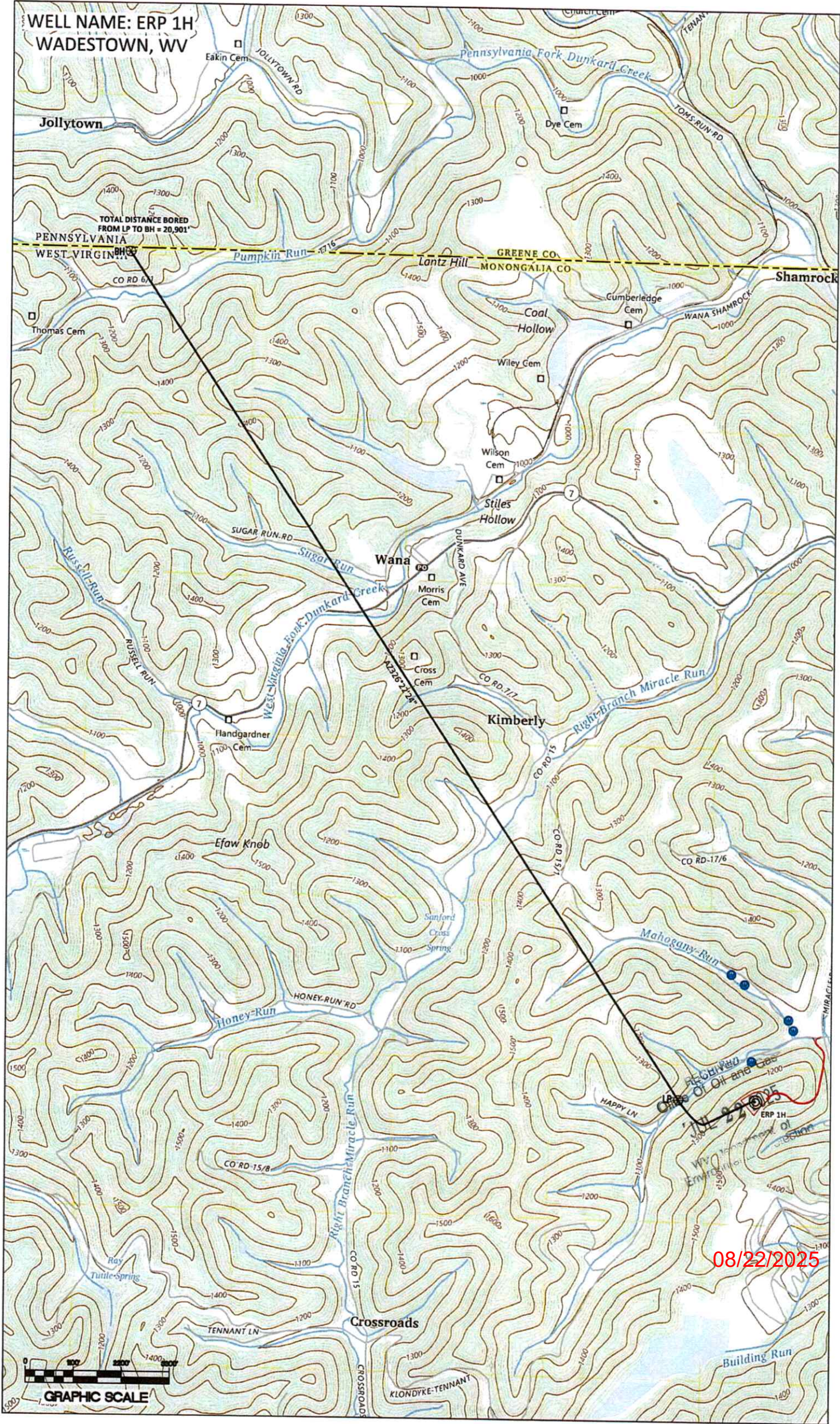
CITY: CHARLESTON STATE: WV ZIP CODE: 25301CITY: CHARLESTON STATE: WV ZIP CODE: 25301

PROPERTY OWNER INDEX	
1-3-14	JAMES EDWARD & EARL LYNN TAYLOR
1-3-15.1	JAMES EDWARD & EARL LYNN TAYLOR
1-3-17	CNX LAND LLC
1-7-8.2	TRACY L & BRYAN KEITH MARTIN
1-7-18	RIFF ALLEN HENNEN
1-7-19.1	BROOKS FORD LLC
1-7-20	RICKY LEE & KATHRYN CROSS
1-7-20.4	DEBORAH LYNN SIMPSON
1-7-22	RANDY A HENNEN
1-7-22.4	ROBERT DARRYL HENNEN
1-7-23	RANDY A HENNEN
1-8-29	CNX LAND LLC
1-8-30	CONSOL MINING COMPANY LLC
1-8-30.1	CONSOL MINING COMPANY LLC
1-8-31.1	WARREN H VARNER JR
1-8-31.3	BERNARD A & MELISSA A RABER
1-8-31.4	GAIL FREELAND
1-14-6.1	4 BROTHERS LLC
1-14-10.1	MARK A & DEBRA WILLIAMS
1-14-10.2	DAVID W & CHERYL A WILLIAMS
1-14-11	RICHARD E SHRIVER
1-14-12	RUSSELL L & VIRGINIA M TOOTHMAN
1-14-13	JOSEPH CARL & SUSAN E TOOTHMAN
1-14-14	RUSSELL L & VIRGINIA M TOOTHMAN
1-14-18.1	NORMA WILLIAMS
1-14-19.1	PHOENIX FEDERAL MINING COMPLEX LLC
1-17-14	PHOENIX FEDERAL MINING COMPLEX LLC

LEASE INDEX			
A	WV-061-005667-001	N	WV-061-005924-001
B	WV-061-005667-001	O	WV-061-000195-001-JOA
C	WV-061-005696-001	P	WV-061-000195-001-JOA
D	WV-061-006394-001	Q	WV-061-000195-001-JOA
E	WV-061-005329-015	R	WV-061-006689-001
F	WV-061-005836-005	S	WV-061-000195-001-JOA
G	WV-061-000195-001-JOA	T	WV-061-005819-004
H	WV-061-004334-002	U	WV-061-000195-001-JOA
I	WV-061-005842-008	V	WV-061-006965-001
J	WV-061-000195-001-JOA		
K	WV-061-000195-001-JOA		
L	WV-061-005947-001		
M	WV-061-005925-001		

08/22/2025

FILE #: NEE20	DATE: JULY 8, 2025
DRAWING #: 3057	OPERATOR'S WELL #: ERP 1H
SCALE: N/A	API WELL #: 47 61 STATE COUNTY PERMIT



WW-6A1
(5/13)

Operator's Well No. ERP 1H

**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				

RECEIVED
Office Of Oil and Gas
JUL 22 2025
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

WW-6A1			Operators Well No. ERP 1H			
Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
A	WV-061-005667-001	Phoenix Energy Resources, LLC	Northeast Natural Energy LLC	12.5% or greater	1710	737
B	WV-061-005667-001	Phoenix Energy Resources LLC	Northeast Natural Energy LLC	12.5% or greater	1710	737
C	WV-061-005696-001	Roger Eugene Swanson (Teresa Jane Swanson heir)	Northeast Natural Energy LLC	12.5% or greater	1721	475
	WV-061-005697-001	David Wayne Williams	Northeast Natural Energy LLC	12.5% or greater	1721	479
	WV-061-005696-002	Mark Allen Williams	Northeast Natural Energy LLC	12.5% or greater	1721	477
D	WV-061-006394-001	Shuman Inc.	Northeast Natural Energy LLC	12.5% or greater	1821	208
	WV-061-005697-001	David Wayne and Cherly Ann Williams, JTROS	Northeast Natural Energy LLC	12.5% or greater	1721	479
	WV-061-005329-015	Patty Amos	Northeast Natural Energy LLC	12.5% or greater	1643	314
	WV-061-005329-005	David Bradley Barker	Northeast Natural Energy LLC	12.5% or greater	1638	644
	WV-061-005365-012	Helen Sandra Bello	Northeast Natural Energy LLC	12.5% or greater	1742	479
	WV-061-005329-001	Nola Jean Park Chisler	Northeast Natural Energy LLC	12.5% or greater	1635	494
	WV-061-005329-022	Phyllis E. Clark	Northeast Natural Energy LLC	12.5% or greater	1690	282
	WV-061-005329-024					
	WV-061-005329-004	Joann P. Golembiewski (Charles Golembiewski heir)	Northeast Natural Energy LLC	12.5% or greater	1690	284
	WV-061-005365-011	Nancy Griffith	Northeast Natural Energy LLC	12.5% or greater	1742	359
	WV-061-005329-021					
	WV-061-005329-001	Rita Gudz	Northeast Natural Energy LLC	12.5% or greater	1687	582
	WV-061-005329-004	John A. Hart	Northeast Natural Energy LLC	12.5% or greater	1637	487
	WV-061-005365-003	Three Rivers Royalty (Westlake Energy Partners LLC (Robert L. Henderson))	Northeast Natural Energy LLC	12.5% or greater	1636	598
	WV-061-005329-008	Mary L. Hodge	Northeast Natural Energy LLC	12.5% or greater	1642	303
	WV-061-005365-007	Christine Keene	Northeast Natural Energy LLC	12.5% or greater	1687	584
	WV-061-005329-023	Karen K. Jennings (Rosalee King heir)	Northeast Natural Energy LLC	12.5% or greater	1688	579
	WV-061-005365-004	Roger L. Lemley (Wanda P. Lemley heir)	Northeast Natural Energy LLC	12.5% or greater	1637	553
	WV-061-005365-008	Tara L. Dolan (Travis Lemley heir)	Northeast Natural Energy LLC	12.5% or greater	1725	812
	WV-061-005365-009	John R. Lemley (Travis Lemley heir)	Northeast Natural Energy LLC	12.5% or greater	1726	256
	WV-061-005329-011	Veronic Milczewski	Northeast Natural Energy LLC	12.5% or greater	1643	306
	WV-061-005329-006	David G. Owens	Northeast Natural Energy LLC	12.5% or greater	1638	646
	WV-061-005329-027					
	WV-061-005329-0278	Deborah Lynn Plummer (Betty Virginia Park heir)	Northeast Natural Energy LLC	12.5% or greater	1699	423
	WV-061-005329-025	Robert Park (Betty Virginia Park heir)	Northeast Natural Energy LLC	12.5% or greater	1698	332
	WV-061-005329-026	Patricia Paetzold (Betty Virginia Park heir)	Northeast Natural Energy LLC	12.5% or greater	1698	334
	WV-061-005365-010	Clarence E. Park	Northeast Natural Energy LLC	12.5% or greater	1728	703
	WV-061-005329-002	Freddie Carl Park	Northeast Natural Energy LLC	12.5% or greater	1635	496
	WV-061-005329-010	Three Rivers Royalty, LLC (Richard G. Park interest (J. Glenn Park heir))	Northeast Natural Energy LLC	12.5% or greater	1649	300
	WV-061-005329-009	Three Rivers Royalty, LLC (William E. Park interest (J. Glenn Park heir))	Northeast Natural Energy LLC	12.5% or greater	1642	837
	WV-061-005329-003	Jay W. Park	Northeast Natural Energy LLC	12.5% or greater	1635	498
	WV-061-005365-001	Three Rivers Royalty (Westlake Energy Partners LLC (Charles W. Patterson Jr.))	Northeast Natural Energy LLC	12.5% or greater	1636	594
	WV-061-005329-014	Carl E. Peterson	Northeast Natural Energy LLC	12.5% or greater	1643	312
	WV-061-005365-006	Agnes M. Ritz	Northeast Natural Energy LLC	12.5% or greater	1643	38

E	WV-061-005365-002	Three Rivers Royalty (Westlake Energy Partners LLC (Charline Smith interest))	Northeast Natural Energy LLC	12.5% or greater	1636	596
	WV-061-005329-016	Malinda Sue Tennant (James William Tennant heir)	Northeast Natural Energy LLC	12.5% or greater	1643	316
	WV-061-005329-012	Joyce Ellen Tennant (James William Tennant heir)	Northeast Natural Energy LLC	12.5% or greater	1643	308
	WV-061-005365-040	Bounty Minerals LLC (Charles Lee Thomas Trust interest)	Northeast Natural Energy LLC	12.5% or greater	154	139
	WV-061-005365-039	Three Rivers Royalty II LLC	Northeast Natural Energy LLC	12.5% or greater	154	139
	WV-061-005329-007	Linda Jane Walters	Northeast Natural Energy LLC	12.5% or greater	1638	648
	WV-061-005329-017	John West (Eleanor Park West heir)	Northeast Natural Energy LLC	12.5% or greater	1643	318
	WV-061-005329-013	Janet Brach (Eleanor Park West heir)	Northeast Natural Energy LLC	12.5% or greater	1643	310
	WV-061-005329-028	Justin Krandall (Darlene Sue Krandall heir)	Northeast Natural Energy LLC	12.5% or greater	1750	356
	WV-061-005329-095	Emily Krandall (Darlene Sue Krandall heir)	Northeast Natural Energy LLC	12.5% or greater	1768	758
	WV-061-005329-029	Chad J. Newman (Leroy Newman heir)	Northeast Natural Energy LLC	12.5% or greater	1750	358
	WV-061-005329-035	Marie Gray (Nannie Newman heir)	Northeast Natural Energy LLC	12.5% or greater	1751	347
	WV-061-005329-033	Betty Galentine (Nannie Newman heir)	Northeast Natural Energy LLC	12.5% or greater	1751	343
	WV-061-005329-034	William Newman (Nannie Newman heir)	Northeast Natural Energy LLC	12.5% or greater	1751	345
	WV-061-005329-052	Robert G. Conklin (Ruth Conklin heir)	Northeast Natural Energy LLC	12.5% or greater	1755	196
	WV-061-005329-051	Donald L. Conklin (Ruth Conklin heir)	Northeast Natural Energy LLC	12.5% or greater	1755	194
	WV-061-005329-064	James R. Conklin (Ruth Conklin heir)	Northeast Natural Energy LLC	12.5% or greater	1760	784
	WV-061-005329-038	David F. Conklin (Ruth Conklin heir)	Northeast Natural Energy LLC	12.5% or greater	1752	179
	WV-061-005329-045	Marsha Walters (Marvin Main heir)	Northeast Natural Energy LLC	12.5% or greater	1754	600
	WV-061-005329-044	Barbara Gibbons (Marvin Main heir)	Northeast Natural Energy LLC	12.5% or greater	1768	756
	WV-061-005329-049	David B. Main (Raymond Craig Main heir)	Northeast Natural Energy LLC	12.5% or greater	1754	606
	WV-061-005329-048	Paul A. Main (Raymond Craig Main heir)	Northeast Natural Energy LLC	12.5% or greater	1754	604
	WV-061-005329-032	Sue Ann Gambirasi (Mae Craig heir)	Northeast Natural Energy LLC	12.5% or greater	1751	341
	WV-061-005329-042	Amy Vollmer (Mae Craig heir)	Northeast Natural Energy LLC	12.5% or greater	1752	187
	WV-061-005329-041	Willian Snedeker (Grace Snedeker heir)	Northeast Natural Energy LLC	12.5% or greater	1752	185
	WV-061-005329-037	Andy Snedeker (Grace Snedeker heir)	Northeast Natural Energy LLC	12.5% or greater	1752	177
	WV-061-005329-056	William H. Balsinger (Mildred Joan Balsinger heir)	Northeast Natural Energy LLC	12.5% or greater	1756	593
	WV-061-005329-055	Martha Miller (Minnie Craig heir, Mary Schafer heir)	Northeast Natural Energy LLC	12.5% or greater	1754	97
	WV-061-005329-040	James E. Main (June Louise Main heir)	Northeast Natural Energy LLC	12.5% or greater	1752	183
	WV-061-005329-039	Linda L. Burgdolt (June Louise Main heir)	Northeast Natural Energy LLC	12.5% or greater	1752	181
	WV-061-005329-062	Ronnie Horr (Helen V. Main heir)	Northeast Natural Energy LLC	12.5% or greater	1756	610
	WV-061-005329-050	Vickie Walters (Helen V. Main heir)	Northeast Natural Energy LLC	12.5% or greater	1755	192
	WV-061-005329-063	Bradley Earl Walker Sr. (Rose Iona Walker Pierson heir)	Northeast Natural Energy LLC	12.5% or greater	1760	782
	WV-061-005329-030	Betty A. Craig (Clem Craig heir)	Northeast Natural Energy LLC	12.5% or greater	1750	360
	WV-061-005329-094	Patricia Olsen (Harry Craig heir)	Northeast Natural Energy LLC	12.5% or greater	1765	829
	WV-061-005329-031	Sandra Macey (Harry Craig heir)	Northeast Natural Energy LLC	12.5% or greater	1750	362
	WV-061-005329-036	Roy Owen Craig (Harry Craig heir)	Northeast Natural Energy LLC	12.5% or greater	1752	175
	WV-061-005365-038	James Z. Simpson (James Terry Simpson heir, Mary Ellen Charlton Simpson heir)	Northeast Natural Energy LLC	12.5% or greater	1749	558
	WV-061-005329-066	Timberlyn H.A. Jackson (Mart Jo Simpson heir)	Northeast Natural Energy LLC	12.5% or greater	1760	788
	WV-061-005365-042	Randy Lynn Rebold (Opal Virginia Rebold heir)	Northeast Natural Energy LLC	12.5% or greater	1754	99

WV-061-005365-025	Linda K. Bradley (Goldie Bradley heir)	Northeast Natural Energy LLC	12.5% or greater	1748	766
WV-061-005329-060	Ronald Lee Taylor (Roger Leroy Taylor heir)	Northeast Natural Energy LLC	12.5% or greater	1756	606
WV-061-005329-069	Terry Lee Sponaugle Jr. (Terry Lee Sponaugle Sr. heir)	Northeast Natural Energy LLC	12.5% or greater	1760	645
WV-061-005329-071	Amber N. Sponaugle (Terry Lee Sponaugle Sr. heir)	Northeast Natural Energy LLC	12.5% or greater	1760	647
WV-061-005329-070	Carol Jean Sponaugle (Terry Lee Sponaugle Sr. heir)	Northeast Natural Energy LLC	12.5% or greater	1760	655
WV-061-005365-034	Linda Myers (Emma Pauline Sponaugle heir, Jerry Sponaugle heir)	Northeast Natural Energy LLC	12.5% or greater	1748	784
WV-061-005365-054	Amy Joe Williams (Emma Pauline Sponaugle heir, Jerry Sponaugle heir)	Northeast Natural Energy LLC	12.5% or greater	1756	612
WV-061-005365-024	Sharon Sue Bishop (Goldie Bradley heir)	Northeast Natural Energy LLC	12.5% or greater	1748	848
WV-061-005365-032	Ritchie Ronald Wilson (Goldie Bradley heir)	Northeast Natural Energy LLC	12.5% or greater	1748	780
WV-061-005365-027	Melinda Sue Russell (Paula Fern Hammer heir)	Northeast Natural Energy LLC	12.5% or greater	1748	770
WV-061-005365-026	Derrick K. Russell (Paula Fern Hammer heir)	Northeast Natural Energy LLC	12.5% or greater	1748	768
WV-061-005365-036	Patricia Joyce Hormell (Goldie Bradley heir)	Northeast Natural Energy LLC	12.5% or greater	1748	808
WV-061-005365-043	Frank D. Stanley (Mary Kay Stanley heir)	Northeast Natural Energy LLC	12.5% or greater	1754	101
WV-061-005329-067	Barbara R. Kizimiski (Lilly Jane Rush heir, Wilma Jeannette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1760	790
WV-061-005329-065					
WV-061-005365-052	James S. Michelucci (Wilma Ruth Michelucci heir)	Northeast Natural Energy LLC	12.5% or greater	1755	209
WV-061-005329-054	Donna Marie Russell (William R. Russell Sr. heir)	Northeast Natural Energy LLC	12.5% or greater	1756	591
WV-061-005365-041	Montgomery Lee Duvall III (Nellie Hazel Duvall heir, Thelma Ruth Behanna heir, Wilma Jeannette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1752	189
WV-061-005329-058	Fred David Duvall (Nellie Hazel Duvall heir, Thelma Ruth Behanna heir, Wilma Jeannette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1756	602
WV-061-005329-068	Jeffrey Alan Duvall (Nellie Hazel Duvall heir, Thelma Ruth Behanna heir, Wilma Jeannette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1760	792
WV-061-005365-045	Patricia Lee Jackson (Stanley L. Kennedy heir, Wilma Jeannette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1753	639
WV-061-005365-044	Darcy L. Kennedy (Sharon Ann Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1754	103
WV-061-005329-053	Cheri A. Cox (Lenora June Rednick heir)	Northeast Natural Energy LLC	12.5% or greater	1755	198
WV-061-005365-055	Frank Renick (Lenora June Rednick heir)	Northeast Natural Energy LLC	12.5% or greater	1760	762
WV-061-005365-046	William Jessee Kennedy Jr. (Wilma Jeanette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1753	641
WV-061-005365-049	Sandy Wyatt Sine (Wilma Jeanette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1753	647
WV-061-005365-048	Sharon Rinderer Conners (Wilma Jeanette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1753	645
WV-061-005329-046	Donald R. Kennedy (Wilma Jeanette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1754	602
WV-061-005329-047	Myrdith Nelson Kennedy (Willima G. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1760	643
WV-061-005365-051	Cynthia Lou Johnson (Wilma Jeanette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1755	200
WV-061-005365-047	Connie Sue Piazza (Wilma Jeanette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1753	643

	WV-061-005365-053	Debra Darlene Hamstead (Wilma Jeanette Roland heir)	Northeast Natural Energy LLC	12.5% or greater	1756	614
	WV-061-005365-033	Pamela Joyce Richards (Charles Ralph Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1748	782
	WV-061-005365-019	Judy Lynn Christenson (Charles Ralph Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1748	838
	WV-061-005365-028	Jana Kennedy (Charles Ralph Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1748	772
	WV-061-005365-031	Danny Ray Kidd (Grace M. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1748	778
	WV-061-005365-029	Barbara June Hodges (Grace M. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1748	774
	WV-061-005365-030	James Franklin Kidd (Grace M. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1748	776
	WV-061-005365-037	Joan Carol Hathaway (Grace M. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1748	810
	WV-061-005365-015	Mary Beth Kennedy (Thomas G. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1746	310
	WV-061-005365-017	Thomas Guy Kennedy II (Thomas G. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1746	314
	WV-061-005365-016	Tausha Dawn Kennedy (Thomas G. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1746	312
	WV-061-005365-018	Twyla Hope Kennedy (Thomas G. Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1746	316
	WV-061-005365-014	Patricia Mae Kennedy (Homer Rose Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1746	308
	WV-061-005365-013	Cheryl A. Stover (Melvin Arnold Kennedy Jr. heir)	Northeast Natural Energy LLC	12.5% or greater	1746	306
	WV-061-005329-061	Robert F. Kennedy (Anna Jean Kennedy heir)	Northeast Natural Energy LLC	12.5% or greater	1756	608
	WV-061-005329-057	James R. Richie (James W. Richie heir)	Northeast Natural Energy LLC	12.5% or greater	1756	600
	WV-061-005365-021	Robert Lee Rush (Ronnie Leon Rush heir)	Northeast Natural Energy LLC	12.5% or greater	1748	842
	WV-061-005365-020	Danny W. Rush (Violet Rush heir)	Northeast Natural Energy LLC	12.5% or greater	1748	840
	WV-061-005365-022	David K. Rush (Violet Rush heir)	Northeast Natural Energy LLC	12.5% or greater	1748	844
F	WV-061-005836-005	Cary Devore	Northeast Natural Energy LLC	12.5% or greater	1766	585
	WV-061-005836-011	Jeffrey R. Devore	Northeast Natural Energy LLC	12.5% or greater	1775	474
	WV-061-005836-004	Rex Devore	Northeast Natural Energy LLC	12.5% or greater	1766	593
	WV-061-005836-003	Robert Wesley Devore	Northeast Natural Energy LLC	12.5% or greater	1766	581
	WV-061-005836-006	Wendell W. Devore	Northeast Natural Energy LLC	12.5% or greater	1768	670
	WV-061-005836-012	Ruby Garza	Northeast Natural Energy LLC	12.5% or greater	1775	476
	WV-061-005836-007	Bernice Houser	Northeast Natural Energy LLC	12.5% or greater	1769	845
	WV-061-005836-024	Deborah Josephine Jarrell	Northeast Natural Energy LLC	12.5% or greater	1812	336
	WV-061-005836-010	Blanche "Jackie" Lindsey	Northeast Natural Energy LLC	12.5% or greater	1772	408
	WV-061-005836-013	Louise Maiers	Northeast Natural Energy LLC	12.5% or greater	1775	478
	WV-061-005836-025	Donna E. Yergovich Nuzum	Northeast Natural Energy LLC	12.5% or greater	1812	334
	WV-061-005836-009	Ridgetop Ten LLC	Northeast Natural Energy LLC	12.5% or greater	1775	498
	WV-061-004559-016	Ridgetop Ten LLC (Karen L. Haught interest)	Northeast Natural Energy LLC	12.5% or greater	1604	408
	WV-061-005836-023	Richard E. Shriver	Northeast Natural Energy LLC	12.5% or greater	1812	338
	WV-061-005836-026	Stephen N. Yergovich, Jr.	Northeast Natural Energy LLC	12.5% or greater	1812	332
G	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
H	WV-061-004334-002	Phoenix Energy Resources LLC	Northeast Natural Energy LLC	12.5% or greater	1579	322
	WV-061-005842-008	Eric L. Ammons	Northeast Natural Energy LLC	12.5% or greater	1768	682
	WV-061-005842-009	Donny R. Ammons Jr.	Northeast Natural Energy LLC	12.5% or greater	1773	533
	WV-061-005897-001	Noah Charles Ammons	Northeast Natural Energy LLC	12.5% or greater	1773	567
	WV-061-005842-007	Randolph K. Ammons	Northeast Natural Energy LLC	12.5% or greater	1768	680
	WV-061-005882-012	Karen Kay Urse Erdie (Orma Lee Darrah Urse heir)	Northeast Natural Energy LLC	12.5% or greater	1825	597
	WV-061-005882-016	Dawn Higinbotham (Frances L. Higinbotham heir)	Northeast Natural Energy LLC	12.5% or greater	1827	516
	WV-061-005882-020	Dennis Allen Higinbotham (Frances L. Higinbotham heir)	Northeast Natural Energy LLC	12.5% or greater	1838	10

WV-061-005882-013	Gary Scott Fugitt (Nancy Lee McQuaid Thomas heir)	Northeast Natural Energy LLC	12.5% or greater	1825	759
WV-061-005882-015	Russell Clark Hanlin (Nancy Lee McQuaid Thomas heir)	Northeast Natural Energy LLC	12.5% or greater	1825	601
WV-061-005882-017	Ruth Ann Sparks (Nancy Lee McQuaid Thomas heir)	Northeast Natural Energy LLC	12.5% or greater	1827	518
WV-061-005882-019	Carl Dewayne Hanlin (Nancy Lee McQuaid Thomas heir)	Northeast Natural Energy LLC	12.5% or greater	1829	253
WV-061-006179-001	Wendy Hurd (Martha Lee Hurd heir)	Northeast Natural Energy LLC	12.5% or greater	1825	323
WV-061-006179-001	Kathy Hurd Demary (Martha Lee Hurd heir)	Northeast Natural Energy LLC	12.5% or greater	1798	352
WV-061-006179-002	Gregory C. Hurd (Martha Lee Hurd heir)	Northeast Natural Energy LLC	12.5% or greater	1798	729
WV-061-006179-009	Lois White Snider (Richard Lee Snider heir)	Northeast Natural Energy LLC	12.5% or greater	1825	593
WV-061-006179-004	Donald Ray Darrah (Juanita K. Darrah heir)	Northeast Natural Energy LLC	12.5% or greater	1810	703
WV-061-006179-003	Michael Allen Darrah (Juanita K. Darrah heir)	Northeast Natural Energy LLC	12.5% or greater	1798	727
WV-061-006148-005	Terry Lee Dayton	Northeast Natural Energy LLC	12.5% or greater	1823	294
WV-061-005897-017	Ronald Erdos (Reta Meredith Erdos heir)	Northeast Natural Energy LLC	12.5% or greater	1827	526
WV-061-005897-015	Ryan Erdos (Reta Meredith Erdos heir)	Northeast Natural Energy LLC	12.5% or greater	1827	522
WV-061-005897-011	Rhonda McConnell (Reta Meredith Erdos heir)	Northeast Natural Energy LLC	12.5% or greater	1825	607
WV-061-005812-003	Bruce E. Hall	Northeast Natural Energy LLC	12.5% or greater	1765	839
WV-061-005812-005	Robert J. Hall	Northeast Natural Energy LLC	12.5% or greater	1767	731
WV-061-006148-003	Paula Stickles	Northeast Natural Energy LLC	12.5% or greater	1810	611
WV-061-005897-007	Cheryl Diane Gregerson	Northeast Natural Energy LLC	12.5% or greater	1797	125
WV-061-005897-006	Sharon Lynn Margevicius	Northeast Natural Energy LLC	12.5% or greater	1795	41
WV-061-005897-008	Barbara Pettit (Joanne K. Moore heir)	Northeast Natural Energy LLC	12.5% or greater	1810	617
WV-061-005897-002	Eric Moore (Annette Moore Tustin interest)	Northeast Natural Energy LLC	12.5% or greater	1789	405
WV-061-005897-004	Craig Moore (Annette Moore Tustin interest)	Northeast Natural Energy LLC	12.5% or greater	1795	604
WV-061-005842-006	Francis R. Haught	Northeast Natural Energy LLC	12.5% or greater	1768	678
WV-061-005927-001	Karen L. Haught	Northeast Natural Energy LLC	12.5% or greater	1775	490
WV-061-005842-003	Michael D. Haught	Northeast Natural Energy LLC	12.5% or greater	1765	844
WV-061-005882-011	Billy C. Haught	Northeast Natural Energy LLC	12.5% or greater	1775	786
WV-061-005882-010	Kenneth L. Haught	Northeast Natural Energy LLC	12.5% or greater	1775	784
WV-061-005842-001	Sheridan Haught	Northeast Natural Energy LLC	12.5% or greater	1765	113
WV-061-005842-004	Tristian A. Haught	Northeast Natural Energy LLC	12.5% or greater	1768	674
WV-061-005842-018	Melissa D. Hunt	Northeast Natural Energy LLC	12.5% or greater	1823	341
WV-061-005842-016	Deborah Josephine Jarrell	Northeast Natural Energy LLC	12.5% or greater	1823	337
WV-061-005842-011	Sherry Ann Karas	Northeast Natural Energy LLC	12.5% or greater	1775	848
WV-061-005842-012	Cristi M. L. Kwei	Northeast Natural Energy LLC	12.5% or greater	1779	43
WV-061-005842-014	Candice L. Leathers	Northeast Natural Energy LLC	12.5% or greater	1795	257
WV-061-005842-027	Jenny Louise Spencer (Lumina Katherine Lemley heir)	Northeast Natural Energy LLC	12.5% or greater	1823	311
WV-061-005842-026	Katherine Spencer (Lumina Katherine Lemley heir)	Northeast Natural Energy LLC	12.5% or greater	1823	339
WV-061-005883-001	Debra Lynn Lundgren	Northeast Natural Energy LLC	12.5% or greater	1770	77
WV-061-005897-005	Lois Jean McCoy	Northeast Natural Energy LLC	12.5% or greater	1793	370
WV-061-005812-004	Catherine Ann Moore	Northeast Natural Energy LLC	12.5% or greater	1767	729
WV-061-005928-001	George Phillips Family Limited Partnership	Northeast Natural Energy LLC	12.5% or greater	1775	492
WV-061-005812-001	Sandy L. Moore	Northeast Natural Energy LLC	12.5% or greater	1760	832
WV-061-005842-017	Donna E. Yergovich Nuzum	Northeast Natural Energy LLC	12.5% or greater	1823	333
WV-061-005812-006	Point One Development LLC	Northeast Natural Energy LLC	12.5% or greater	1769	841
WV-061-005995-001	Bonnie Jane Humbertson	Northeast Natural Energy LLC	12.5% or greater	1785	198
WV-061-005842-019	Richard E. Shriver	Northeast Natural Energy LLC	12.5% or greater	1823	343
WV-061-006148-006	Janet F. Shumaker	Northeast Natural Energy LLC	12.5% or greater	1825	595

	WV-061-005842-010	Kathy Jo Statler	Northeast Natural Energy LLC	12.5% or greater	1773	535
	WV-061-006324-001	Ridgetop Ten LLC (combined entry)	Northeast Natural Energy LLC	12.5% or greater	1810	39
	WV-061-006179-007	Larry Allen Tuttle (CTO, Minnie Haught Moore heir)	Northeast Natural Energy LLC	12.5% or greater	1814	522
	WV-061-005882-003	Lila Canfield	Northeast Natural Energy LLC	12.5% or greater	1775	713
	WV-061-005882-006	Cora Ann Tuttle	Northeast Natural Energy LLC	12.5% or greater	1772	340
	WV-061-005882-005	Roger Lee Canfield	Northeast Natural Energy LLC	12.5% or greater	1775	713
	WV-061-005882-007	Vanessa Bishop	Northeast Natural Energy LLC	12.5% or greater	1772	342
	WV-061-005882-004	Jewel Ann Wilson	Northeast Natural Energy LLC	12.5% or greater	1772	336
	WV-061-005882-002	Kimberly K. Goff	Northeast Natural Energy LLC	12.5% or greater	1773	565
	WV-061-005882-008	Walden Edwin Toothman Jr.	Northeast Natural Energy LLC	12.5% or greater	1772	344
	WV-061-005882-009	Michael J. Stackhouse (CTO, Roger L. Stackhouse interest)	Northeast Natural Energy LLC	12.5% or greater	1774	685
	WV-061-005971-001	Jamie M. Stackhouse Wilson (CTO, Roger L. Stackhouse interest)	Northeast Natural Energy LLC	12.5% or greater	1774	601
	WV-061-005897-016	Joyce Lea Haught Rose (Dorothy M. Haught heir)	Northeast Natural Energy LLC	12.5% or greater	1827	524
	WV-061-005897-013	Janet Louise Haught Kelly (Dorothy M. Haught heir)	Northeast Natural Energy LLC	12.5% or greater	1825	605
	WV-061-005897-014	John W. Haught	Northeast Natural Energy LLC	12.5% or greater	1827	520
	WV-061-005897-010	Bruce L. Welling (Dianna Sue Welling heir)	Northeast Natural Energy LLC	12.5% or greater	1823	296
	WV-061-006179-008	James H. Grove (Rebecca H. Haught Grove heir)	Northeast Natural Energy LLC	12.5% or greater	1814	520
	WV-061-005897-012	Cathy Hoskins (Rebecca H. Haught Grove heir)	Northeast Natural Energy LLC	12.5% or greater	1825	603
	WV-061-005842-023	Tess Lauren Fraser (Josephine Tustin Haught heir)	Northeast Natural Energy LLC	12.5% or greater	1823	323
	WV-061-005842-024	Shea Allison Fraser (Josephine Tustin Haught heir)	Northeast Natural Energy LLC	12.5% or greater	1825	587
	WV-061-005842-022	Beth Tustin Fraser (Josephine Tustin Haught heir, Irene Tustin heir)	Northeast Natural Energy LLC	12.5% or greater	1821	511
	WV-061-005842-015	Kathy Ann Sharpe (Josephine Tustin Haught heir, Irene Tustin heir)	Northeast Natural Energy LLC	12.5% or greater	1812	298
	WV-061-005842-021	Mark Sharpe (Josephine Tustin Haught heir)	Northeast Natural Energy LLC	12.5% or greater	1821	485
	WV-061-005835-001	P&P Fujimo LLC (Combined Entry)	Northeast Natural Energy LLC	12.5% or greater	1773	527
	WV-061-005812-002	Westlake Energy Partners LLC (CTO, Penny L. Ittner heir)	Northeast Natural Energy LLC	12.5% or greater	1762	660
	WV-061-005812-008	Richard A. Cummins (Helen Mina Haught Cummins heir)	Northeast Natural Energy LLC	12.5% or greater	1821	441
	WV-061-005812-009	Lloyd R. Cummins (Helen Mina Haught Cummins heir)	Northeast Natural Energy LLC	12.5% or greater	1821	317
	WV-061-006148-004	Robert M. Smith - life estate (Shirley Cummins Smith heir)	Northeast Natural Energy LLC	12.5% or greater	1821	471
	WV-061-005812-010	Jeffrey Glen Smith (Shirley Cummins Smith heir)	Northeast Natural Energy LLC	12.5% or greater	1821	448
	WV-061-005812-011	Robert Douglas Smith (Shirley Cummins Smith heir)	Northeast Natural Energy LLC	12.5% or greater	1823	329
J	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
K	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
	WV-061-005947-001	John E. Stankola	Northeast Natural Energy LLC	12.5% or greater	1778	770
L	WV-061-005995-001	Bonnie Jane Humbertson	Northeast Natural Energy LLC	12.5% or greater	1785	198
	WV-061-006495-001	Sheila Ryan	Northeast Natural Energy LLC	12.5% or greater	1825	572
M	WV-061-005925-001	Ricky Lee Cross & Kathryn Cross	Northeast Natural Energy LLC	12.5% or greater	1775	488
N	WV-061-005924-001	Deborah L. Brookover	Northeast Natural Energy LLC	12.5% or greater	1775	486
O	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
P	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
Q	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
R	WV-061-006689-001	Master Mineral Holdings I, LP	Northeast Natural Energy LLC	12.5% or greater	1855	847
	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
S	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
T	WV-061-005819-004	Betty Lemley Wiley (Larry G. Wiley heir)	Northeast Natural Energy LLC	12.5% or greater	1856	838
	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474
U	WV-061-000195-001-JOA	CNX Gas Company LLC	Northeast Natural Energy LLC	JOA	1817	474

4706102010

V	WV-061-006965-001	James Edward Taylor	Northeast Natural Energy LLC	12.5% or greater	1874	486
	WV-061-006965-002	Earl Lynn Taylor	Northeast Natural Energy LLC	12.5% or greater	1874	488

RECEIVED
Office Of Oil and Gas

JUL 22 2025

WV Department of
Environmental Protection



July 1, 2025

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

RE: ERP 1H

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:

- Sugar Run Rd
- Pumpkin Run Rd (Route 6/1)
- Mason Dixon Hwy (WV-7)
- Crossroads Rd (Route 15)
- Happy Lane (Route 17/1)

Sincerely,

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

Tyler Murray
Landman II

RECEIVED
Office Of Oil and Gas

JUL 22 2025

WV Department of
Environmental Protection

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: Dominion Post

Public Notice Date: July 9, 2025 & July 16, 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:** ERP 1H, 3H, 7H, 11H

Address: 707 Virginia St. E., Suite 1200
Charleston, WV 25301

Business Conducted: Natural gas production.

Location –

State:	<u>West Virginia</u>	County:	<u>Monongalia</u>
District:	<u>Battelle</u>	Quadrangle:	<u>Wadestown</u>
UTM Coordinate NAD83 Northing:	<u>1H-4391781.0, 3H-4391785.0, 7H- 4391776.9, 11H- 4391783.7</u>		
UTM coordinate NAD83 Easting:	<u>1H- 562314.7, 3H- 562319.2, 7H- 562310.1, 11H- 562303.9</u>		
Watershed:	<u>Dunkard Creek</u>		

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

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.

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 DEP.comments@wv.gov.

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

RECEIVED
Office Of Oil and Gas
JUL 22 2025

WV Department of
Environmental Protection

08/22/2025

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

Date of Notice Certification: 07/10/2025

API No. 47- _____

Operator's Well No. ^{1H} _____

Well Pad Name: ERP

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83	Easting: <u>562314.7</u>
County: <u>Monongalia</u>		Northing: <u>4391781.0</u>
District: <u>Battelle</u>	Public Road Access: <u>Route 17/Miracle Run Rd</u>	
Quadrangle: <u>Wadestown</u>	Generally used farm name: <u>ERP</u>	
Watershed: <u>Dunkard Creek</u>		

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

<p>Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:</p> <p>*PLEASE CHECK ALL THAT APPLY</p> <p><input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED</p> <p><input type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input checked="" type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED</p> <p><input checked="" type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or</p> <p><input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)</p> <p><input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION</p> <p><input checked="" type="checkbox"/> 5. PUBLIC NOTICE</p> <p><input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION</p>	<p style="text-align: center;">OOG OFFICE USE ONLY</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p>RECEIVED Office Of Oil and Gas</p> <p>JUL 22 2025 RECEIVED</p>
---	---

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.

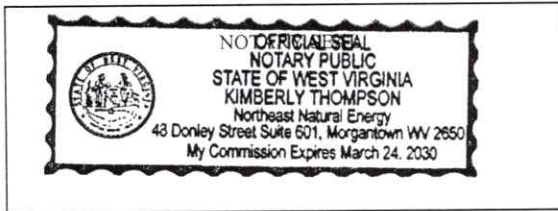
08/22/2025

Certification of Notice is hereby given:

THEREFORE, I Hollie Medley, have read and understand the notice requirements within 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
By: Hollie Medley *Hollie Medley*
Its: Regulatory Manager
Telephone: 304-212-0422

Address: 707 Virginia St. E, Suite 1200
Charleston, WV 25301
Facsimile: _____
Email: hmedley@nne-llc.com



Subscribed and sworn before me this 16th day of July, 2025.
[Signature] Notary Public
My Commission Expires March 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 deprivacyofficer@wv.gov.

RECEIVED
Office Of Oil and Gas

WV Department of
Environmental Protection

08/22/2025

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: 7/10/2025 **Date Permit Application Filed:** 7/21/2025

Notice of:

- ☒ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- ☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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:

☒ SURFACE OWNER(s)

Name: See Attached
Address: _____

Name: _____
Address: _____

☒ SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: See Attached
Address: _____

Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)

Name: _____
Address: _____

☒ COAL OWNER OR LESSEE

Name: See Attached
Address: _____

☐ COAL OPERATOR

Name: _____
Address: _____

☒ SURFACE OWNER OF WATER WELLS AND/OR WATER PURVEYOR(s)

Name: See Attached
Address: _____

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: _____
Address: _____

*Please attach additional forms if necessary

08/22/2025

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/oil-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 critical 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

08/22/2025

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

RECEIVED
JUL 22 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.**

08/22/2025

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.

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.



08/22/2025

WW-6A
(8-13)

4706102010
API NO. 47-
OPERATOR WELL NO. 1H
Well Pad Name: ERP

Notice is hereby given by:

Well Operator: Northeast Natural Energy LLC

Telephone: 304-212-0422

Email: hmedley@nne-llc.com

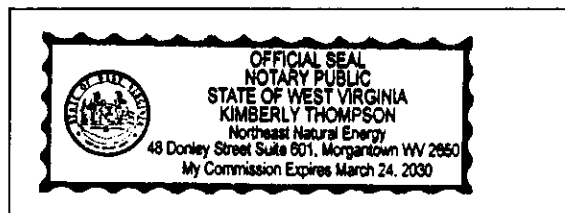
Address: 707 Virginia St. E. Suite 1200

Charleston, WV 25301

Facsimile:

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.



Subscribed and sworn before me this 16th day of July, 2025
Kimberly Thompson Notary Public
My Commission Expires March 24, 2030

RECEIVED
Office Of Oil and Gas
JUL 22 2025
WV Department of
Environment and Natural Resources

08/22/2025

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 06/11/2020 **Date of Planned Entry:** 06/18/2020

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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)

Name: Norma Williams
Address: 222 Happy Lane
Fairview, WV 26570
Name: _____
Address: _____
Name: _____
Address: _____

☐ COAL OWNER OR LESSEE

Name: _____
Address: _____

☐ MINERAL OWNER(s)

Name: _____
Address: _____

*please attach additional forms if necessary

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: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.673595, -80.273483</u>
County: <u>Monongalia</u>	Public Road Access: <u>Happy Lane/CR 17</u>
District: <u>Batelle</u>	Watershed: <u>Dunkard Creek</u>
Quadrangle: <u>Wadestown</u>	Generally used farm name: <u>ERP</u>

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
Telephone: 304-414-7060
Email: _____

Address: _____
Facsimile: 304-241-5972

RECEIVED
Office Of Oil and Gas

JUL 22 2025

707 Virginia St. E, Suite 1200 Charleston, WV 25301

WV Department of
Environmental Protection

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.

08/22/2025

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 06/11/2020 **Date of Planned Entry:** 06/18/2020

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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)

Name: Phoenix Energy Resources, LLC
Address: 863 Quail Valley Drive
Princeton, WV 24740

Name: _____
Address: _____

Name: _____
Address: _____

☒ COAL OWNER OR LESSEE

Name: Phoenix Energy Resources, LLC
Address: 863 Quail Valley Drive
Princeton, WV 24740

☒ MINERAL OWNER(s)

Name: Phoenix Energy Resources, LLC
Address: 863 Quail Valley Drive
Princeton, WV 24740

*please attach additional forms if necessary

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
County: Monongalia
District: Batelle
Quadrangle: Wadestown

Approx. Latitude & Longitude: 39.673595, -80.273483
Public Road Access: Happy Lane/CR 17
Watershed: Dunkard Creek
Generally used farm name: ERP

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
Telephone: 304-414-7060
Email: _____

Address: 707 Virginia St. E, Suite 1200 Charleston, WV 25301
Facsimile: 304-241-5972

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 of your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.

RECEIVED
Office Of Oil and Gas
JUL 22 2020
Department of
Environmental Protection

08/22/2025

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 06/11/2020 **Date of Planned Entry:** 06/18/2020

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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)

Name: Glenn N & Orpha J Reed
Address: 911 Miracle Run Rd
Fairview, WV 26570

Name: _____
Address: _____

Name: _____
Address: _____

☐ COAL OWNER OR LESSEE

Name: _____
Address: _____

☐ MINERAL OWNER(s)

Name: _____
Address: _____

*please attach additional forms if necessary

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
County: Monongalia
District: Batelle
Quadrangle: Wadestown

Approx. Latitude & Longitude: 39.673595, -80.273483
Public Road Access: Happy Lane/CR 17
Watershed: Dunkard Creek
Generally used farm name: ERP

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
Telephone: 304-414-7060
Email: _____

Address: 707 Virginia St. E, Suite 1200 Charleston, WV 25301
Facsimile: 304-241-5972

RECEIVED
Office Of Oil and Gas
JUL 22 2025

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.

WV Department of
Environmental Protection

08/22/2025

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 06/11/2020 **Date of Planned Entry:** 06/18/2020

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

☐ COAL OWNER OR LESSEE

Name: _____
Address: _____

☒ MINERAL OWNER(s)

Name: XTO Energy Inc.
Address: 22777 Springwoods Village Parkway
Spring, TX 77389

*please attach additional forms if necessary

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:	39.673595, -80.273483
County:	Monongalia	Public Road Access:	Happy Lane/CR 17
District:	Batelle	Watershed:	Dunkard Creek
Quadrangle:	Wadestown	Generally used farm name:	ERP

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
Telephone: 304-414-7060
Email: _____

Address: 707 Virginia St. E, Suite 1200 Charleston, WV 25309
Facsimile: 304-241-5972

RECEIVED
Office Of Oil and Gas
JUL 22 2025
WV Department of
Environmental Protection

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.

08/22/2025

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 Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 07/10/2025

Date Permit Application Filed: 07/21/2025

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

☐ HAND DELIVERY ☒ CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: See Attached

Address: _____

Name: _____

Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	West Virginia	UTM NAD 83	Easting:	562314.7
County:	Monongalia		Northing:	4391781.0
District:	Battelle	Public Road Access:		Route 17
Quadrangle:	Wadestown	Generally used farm name:		ERP
Watershed:	Dunkard Creek			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Northeast Natural Energy, LLC
Address: 707 Virginia St. E., Suite 1200
Charleston, WV 25301
Telephone: 304-414-7060
Email: _____
Facsimile: _____

Authorized Representative: Hollie Medley, Regulatory Manager
Address: 48 Donley St, Suite 601
Morgantown, WV 26501
Telephone: 304-212-0422
Email: _____
Facsimile: _____

RECEIVED
Office Of Oil and Gas

JUL 22 2025

WV Department of
Environmental Protection

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.

08/22/2025

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

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 07/10/2025 **Date Permit Application Filed:** 07/21/2025

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ **CERTIFIED MAIL** ☐ **HAND**
RETURN RECEIPT REQUESTED **DELIVERY**

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: See Attached Name: _____
Address: _____ Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>562314.7</u>
County:	<u>Monongalia</u>		Northing:	<u>4391781.0</u>
District:	<u>Battelle</u>	Public Road Access:		<u>Route 17</u>
Quadrangle:	<u>Wadestown</u>	Generally used farm name:		<u>ERP</u>
Watershed:	<u>Dunkard Creek</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. 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/oil-and-gas/pages/default.aspx.

Well Operator:	<u>Northeast Natural Energy LLC</u>	Address:	<u>707 Virginia St. E., Suite 1200</u>
Telephone:	<u>304-414-7060</u>		<u>Charleston, WV 25301</u>
Email:	<u>hmedley@nne-llc.com</u>	Facsimile:	<u>304-414-7061</u>

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 Oil And Gas
JUL 22 2025
WV Department of
Environmental Protection

08/22/2025



4706102010

**WEST VIRGINIA
DEPARTMENT OF TRANSPORTATION**

1900 Kanawha Boulevard East • Building Five • Room 109
Charleston, West Virginia 25305-0440 • (304) 558-0444

Michael J. DeMers
Deputy Secretary of Transportation

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

June 10, 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 ERP Well Pad, Monongalia County
ERP 1H Well Site ERP 3H Well Site
ERP 7H Well Site ERP 11H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2020-0705 which has been issued to Northeast Natural Energy, LLC for access to the State Road for a well site located off Monongalia County Route 17/1 SLS MP 2.302.

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,

Lacy D. Pratt
Central Office O&G Coordinator

Cc: Becky Zachwieja
Northeast Natural Energy, LLC
OM, D-4
File

RECEIVED
Office Of Oil and Gas

JUL 22 2025

WV Department of
Environmental Protection

08/22/2025

4706102010

Planned Additives to be used in Fracturing Stimulations			
Trade Name	Purpose	Ingredients	Cemical Abstract Service Number (CAS#)
Water	Carrier	Water	7732-18-5
HCl, 7.5%	Acidizing	Hydrochloric Acid Water	7647-01-0 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
StimStream FR 9800	Friction Reducer	Acrylamide-Chloride Salt of Trimethylammonio-Ethyl Acrylate Copolymer Alkanes, C12-26-Branched and Linear Water Ethoxylated Alcohols (C12-16)	69418-26-4 90622-53-0 7732-18-5 68551-12-2
Clearal 268A	Biocide	Water Glutaraldehyde Quarternary Ammonium Compounds Didecyl dimethyl ammonium chloride Ethanol	7732-18-5 111-30-8 68424-85-1 7173-51-5 64-17-5
StimStream SC 405	Scale Inhibitor	AA/Maleic Anhydride Copolymer AA/ATBS Copolymer	9003-04-7 9003-05-8
Acid Pack Pro	Acid Inhibitor	Methanol Pyridinium, 1-(phenylmethyl)-,ethyl methyl derivs., chlorides Ethanoic Acid Ethoxylated Alcohols Proprietary Proprietary 2-ethylhexanol Ethoxylated Nonylphenos	67-56-1 68909-18-2 64-19-7 68131-39-5 Proprietary Proprietary 104-76-7 127087-87-0

RECEIVED
Office Of Oil and Gas

JUL 22 2015

Wy Department of
Environmental Protection

OPERATOR: Northeast Natural Energy LLC WELL NO: 1H

PAD NAME: ERP

REVIEWED BY: Hollie Medley SIGNATURE: Hollie Medley

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well Restrictions

- ☒ At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland; OR
☐ DEP Waiver and Permit Conditions
- ☒ At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Naturally Producing Trout Stream; OR
☐ DEP Waiver and Permit Conditions
- ☒ At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any Groundwater Intake or Public Water Supply; OR
☐ DEP Waiver and Permit Conditions
- ☒ At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Drilled; OR
☐ Surface Owner Waiver and Recorded with County Clerk, OR
☐ DEP Variance and Permit Conditions
- ☒ At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR
☐ Surface Owner Waiver and Recorded with County Clerk, OR
☐ DEP Variance and Permit Conditions
- ☒ At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center of the Pad; OR
☐ Surface Owner Waiver and Recorded with County Clerk, OR
☐ DEP Variance and Permit Conditions

RECEIVED
Office Of Oil and Gas

JUL 22 2025

Department of
Conservation

08/22/2025

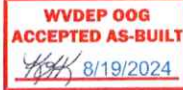


TWO WORKING DAYS PRIOR TO EXCAVATION, THE
CONTRACTOR MUST CONTACT THE WV ONE CALL
SYSTEM, INC., 1-800-245-4848
(WV ONE CALL TICKET#2005785656)

OWNER



NORTHEAST NATURAL ENERGY, LLC
707 VIRGINIA STREET EAST, SUITE 1200,
CHARLESTON, WV 253 01



ERP WELL PAD AS-BUILT & EQM PAD EXPANSION BATTELLE DISTRICT, MONONGALIA COUNTY, WV JULY 2024

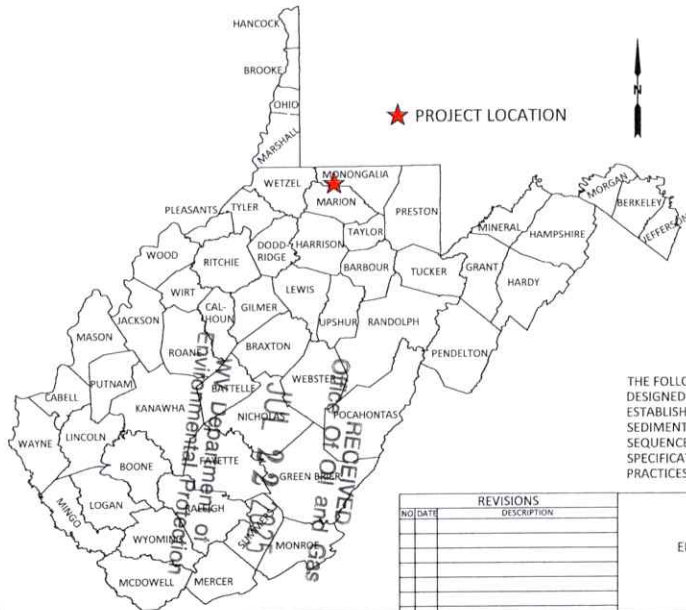
SHEET INDEX	
1.	TITLE SHEET
2-3.	EVACUATION ROUTE/PREVAILING WIND
4.	E&S CONTROL LAYOUT OVERVIEW
5-9.	E&S CONTROL LAYOUT
10.	E&S CONTROL LAYOUT AND SITE PLAN OVERVIEW
11-15.	E&S CONTROL LAYOUT AND SITE PLAN
16-17.	PROFILES
18-26.	WELL PAD ACCESS ROAD CROSS-SECTIONS
27-31.	PRODUCTION AND AST PADS ACCESS ROAD
	CROSS-SECTIONS
32-33.	DETAILS
34.	RECLAMATION PLAN OVERVIEW
35-39.	RECLAMATION PLAN

PERMITTED PROJECT BOUNDARY: 51.23 AC.
ADDITIONAL PROJECT BOUNDARY: 4.61 AC.
TOTAL: 55.83 AC.

PLANS PREPARED BY:
BOORD BENCHEK & ASSOCIATES, INC.
ENGINEERING, SURVEYING, CONSTRUCTION AND MINING SERVICES
SOUTHPOINTE, PA 15317 PHONE: 724-746-1055



ANDREW BENCHEK
P.E.



PROPERTY OWNER PROJECT BOUNDARY ACREAGE
PENNSYLVANIA LINES LLC: 0.60 AC.
GLENN N. REED & ORPHA J. REED (TAX MAP AND PARCEL 01-14-33): 6.39 AC.
PHOENIX ENERGY RESOURCES, LLC (TAX MAP AND PARCEL 01-17-14): 47.39 AC.
PHOENIX ENERGY RESOURCES, LLC (TAX MAP AND PARCEL 01-14-19.1): 1.14 AC.
NORMA WILLIAMS (TAX MAP AND PARCEL 01-14-19): 0.31 AC.

IN ACCORDANCE WITH WV 35 CSR 8
THE FOLLOWING EROSION & SEDIMENT CONTROL PLAN HAS BEEN
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 FOR EROSION & SEDIMENT BEST MANAGEMENT
PRACTICES HAVE BEEN INCLUDED IN THE PROVIDED DETAIL SHEETS.

REVISIONS	
NO	DATE

TITLE SHEET

ERP WELL PAD AS-BUILT & EQM PAD EXPANSION
BATTELLE DISTRICT, MONONGALIA COUNTY, WV

SHEET

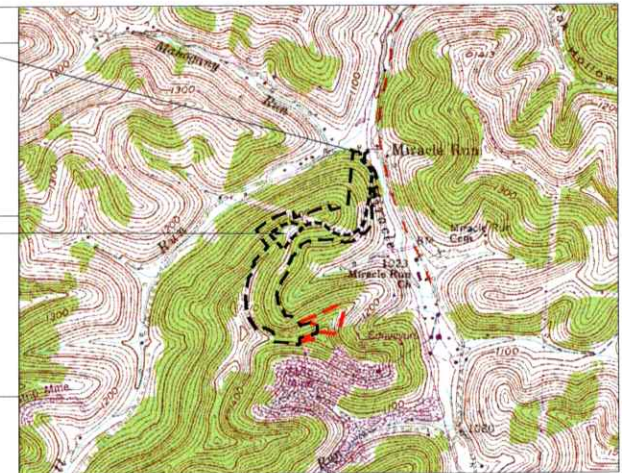
1
OF
39

COORDINATES

SITE ENTRANCE
(NAD 83)
LAT: 39° 40' 38.38"
LON: 80° 16' 08.76"

(NAD 27)
LAT: 39° 40' 38.08"
LON: 80° 16' 09.48"

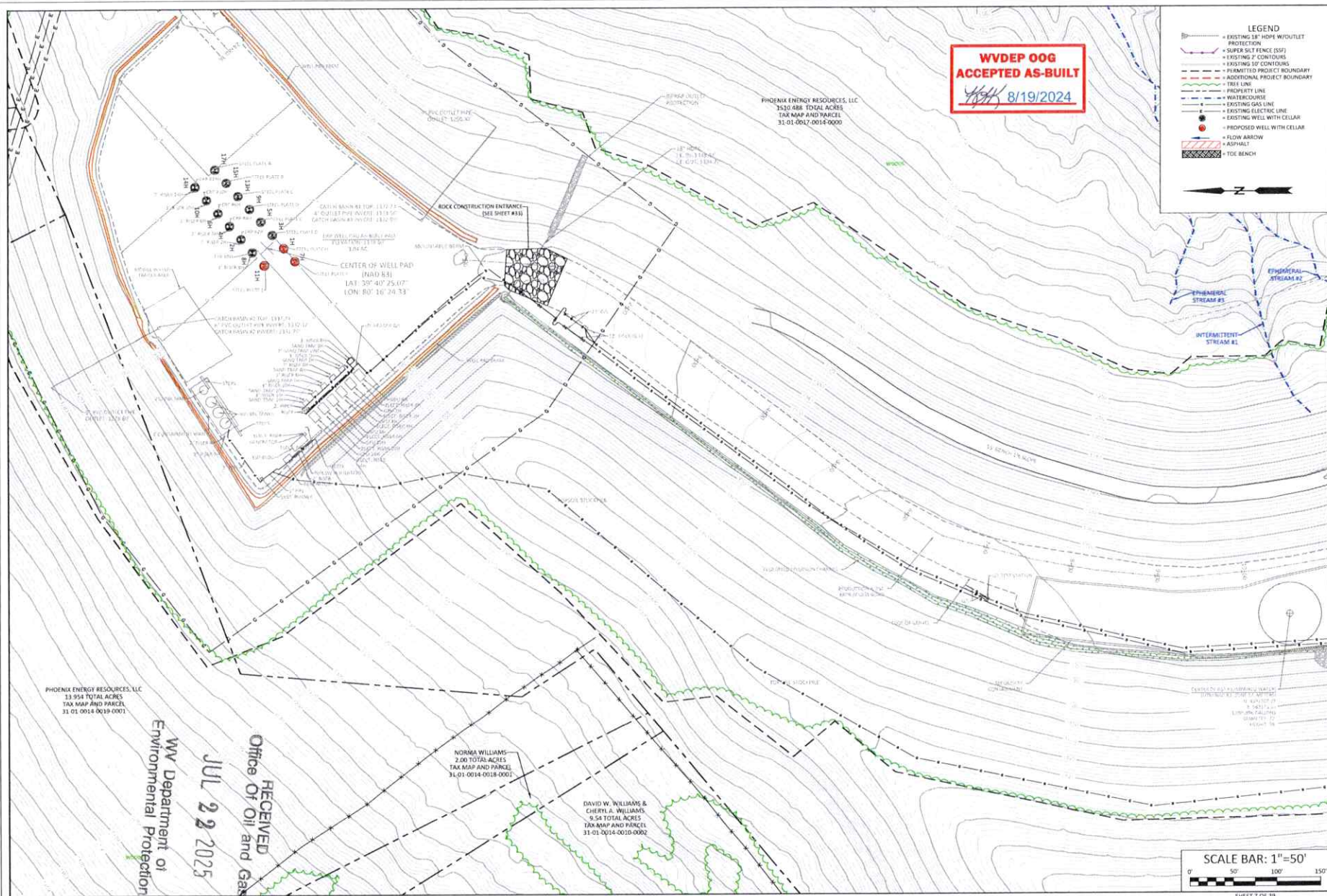
CENTER OF WELL PAD
(NAD 83)
LAT: 39° 40' 25.07"
LON: 80° 16' 24.33"
(NAD 27)
LAT: 39° 40' 24.78"
LON: 80° 16' 25.06"



1"=1000'



4706102010



BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Southpointe, PA 15317 Phone: 724-746-1055

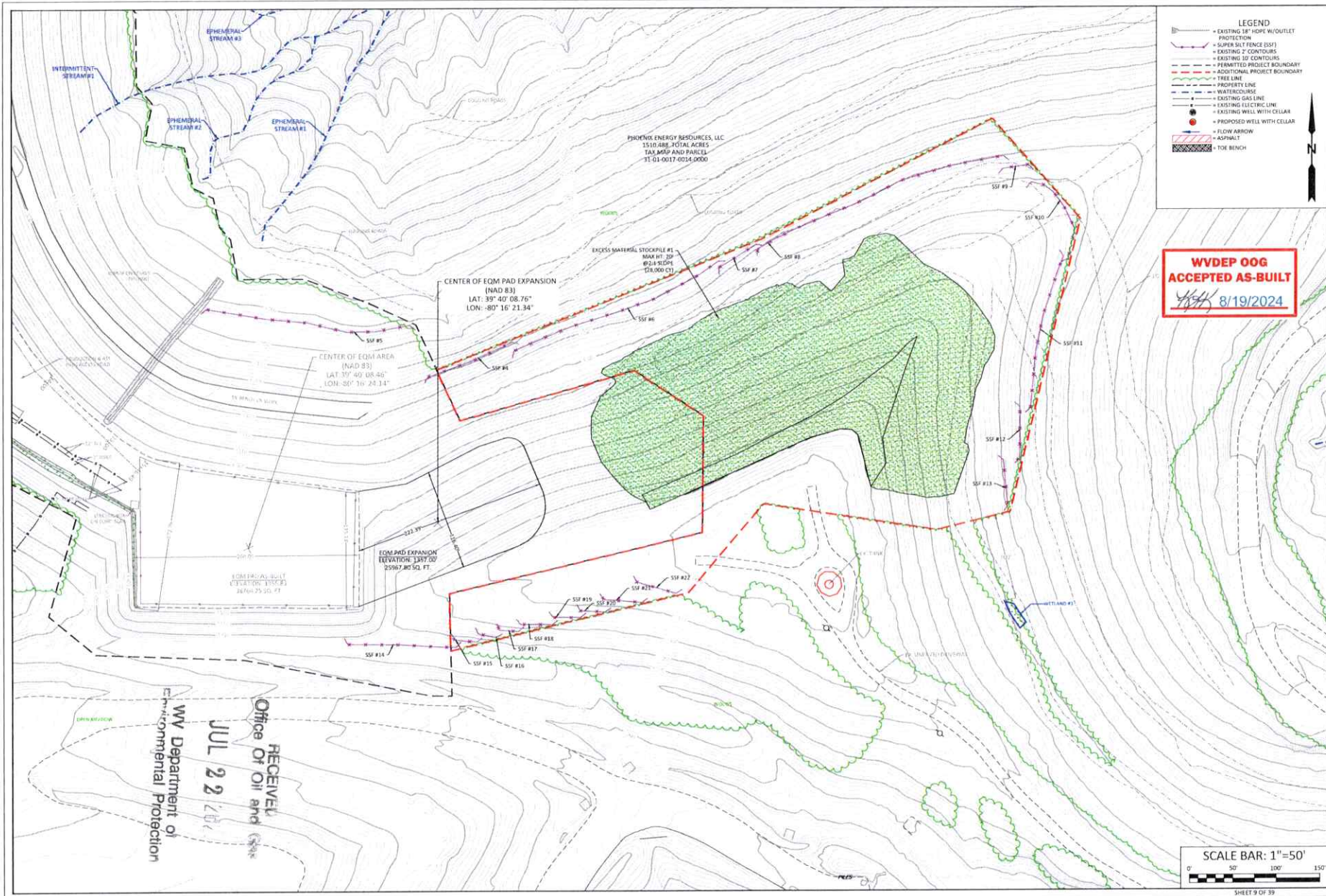
E&S CONTROL LAYOUT
THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

DATE:
JULY 2024
ERP WELL PAD
AS-BUILT & EQM PAD
EXPANSION
BATTELLE DISTRICT,
MONONGALIA
COUNTY, WV

NO.	DATE	REVISIONS



4706102010



RECEIVED
Office Of Oil and Gas
WV Department of
Environmental Protection
JUL 22 2024

BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Southpointe, PA 15317 Phone: 724-746-1055

E&S CONTROL LAYOUT

DATE:
JULY 2024
ERP WELL PAD
AS-BUILT & EQM PAD
EXPANSION

BATTELLE DISTRICT,
MONONGALIA
COUNTY, WV

NO.	DATE	REVISIONS	DESCRIPTION



4706102010



RECEIVED
Office of Oil and Gas

JUL 22 2025

WV Department of
Environmental Protection

Chk # 15417
Amt: \$60,600.00
7/10/25 |

One check
For 4 permits

July 21, 2025

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

Re: ERP 1H, 3H, 7H, & 11H Expedited Permit Applications

Dear Permit Reviewer,

Please find enclosed Expedited Permit Applications for Northeast Natural Energy's ("NNE") proposed ERP 1H, 3H, 7H, & 11H wells. The proposed wells will be in the Battelle District of Monongalia County, WV.

Enclosed is a check in the amount of \$60,600.00 for the expedited review fee. The Site Safety Plan, Safety Data Sheets, and an electronic copy of the ERP Well Site Plan can be found at the link below.

<https://northeastnaturalenergy.box.com/v/NNE-ERP-Pad2025>

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

Sincerely,

A handwritten signature in blue ink that reads 'Becky Zachwieja'.

Becky Zachwieja
Regulatory & ESG Specialist

RECEIVED
Office Of Oil and Gas

JUL 22 2025

WV Department of
Environmental Protection