

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

Austin Caperton, Cabinet Secretary www.dep.wy.gov

Friday, May 31, 2019 WELL WORK PERMIT Horizontal 6A / New Drill

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

Re: Permit approval for LEMLEY 3H 47-061-01842-00-00

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: Farm Name: U.S. WELL NUMBER: Horizontal 6A Date Issued: 5/31/2019 LEMLEY 3H CLARENCE W. LEMLEY JR. 47-061-01842-00-00 New Drill

Promoting a healthy environment.

PERMIT CONDITIONS

API Number:

4706101842

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. 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.

API Number:

05/31/2019

PERMIT CONDITIONS 4706101842

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.

47006/31/0019842 API NO. 47-____OPERATOR WELL NO. 3H

Well Pad Name: Lemley

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

| 1) Well Operato | or: Northe | ast Natural | Energy 🛔 | | Monongalia | Clay | Blacksville, WV |
|-------------------------------------|------------------|-------------------|--------------------|-------------------|------------------------------------|------------------|-----------------------------------|
| | | | | Operator ID | County | District | Quadrangle |
| 2) Operator's W | Vell Number | r: <u>3H</u> | | Well | Pad Name: Lemle | еу | |
| 3) Farm Name/ | Surface Ow | ner: Clarence \ | V Jr & Charlotte E | E Lemley Public H | Road Access: Sta | te Route 2 | 22 |
| 4) Elevation, cu | irrent groun | d: <u>1,560'</u> | El | evation, propos | ed post-constructi | on: <u>1540'</u> | |
| 5) Well Type | (a) Gas Other | X | Oil | U | nderground Storag | ge | |
| | (b)If Gas | Shallow | Х | Deep | | | _ |
| | | Horizontal | X | | LAOK | : 4/26/ | 2218 |
| 6) Existing Pad | : Yes or No | No | | | ,~,~,~,~,~,~,~,~,~,~,~,~,~,~,~,~,~ | - 4(20/ | 2011 |
| 7) Proposed Tai Marcellus; 8 | • | | h(s), Antic | ipated Thicknes | ss and Expected P | ressure(s): | |
| 8) Proposed To | tal Vertical | Depth: <u>8,2</u> | 06' | | | | |
| 9) Formation at | Total Verti | cal Depth: | Marcellus | ; | | | |
| 10) Proposed T | otal Measur | ed Depth: | 18,728' | | | | |
| 11) Proposed H | lorizontal Le | eg Length: | 10,046' | | | | |
| 12) Approxima | te Fresh Wa | iter Strata D | epths: | 50', 1,471' | | | |
| 13) Method to I | Determine F | resh Water | Depths: | Drillers Log fro | m Offset Wells | | |
| 14) Approxima | te Saltwater | Depths: 2 | ,361'; 2,51 | 1' | | | |
| 15) Approxima | te Coal Sear | m Depths: | 501', 1,469 |)' | | | |
| 16) Approxima | te Depth to 2 | Possible Vo | id (coal mi | ne, karst, other |): <u>N/A</u> | | <u>,</u> |
| 17) Does Propo directly overlyin | | | | ns Yes | No | <u>×</u> | |
| (a) If Yes, pro | vide Mine I | nfo: Nam | e: | | | | |
| | | Dept | | | | | |
| | | Seam | | | | | RECEIVED Office of Oil And Gas |
| | | Owne | er: | | | | APR 3 0 2019 |
| | | | | | | | |

WV Department of Environmental Protection

API NO 47 0 6 1 05/\$182412

OPERATOR WELL NO. 3H Well Pad Name: Lemley

WW-6B (04/15)

18)

CASING AND TUBING PROGRAM

| ТҮРЕ | Size (in) | <u>New</u> <u>or</u> <u>Used</u> | Grade | <u>Weight per ft.</u> (lb/ft) | <u>FOOTAGE: For</u> <u>Drilling (ft)</u> | INTERVALS: Left in Well (ft) | <u>CEMENT:</u> <u>Fill-up</u> (Cu. Ft.)/CTS |
|--------------|--------------|--|-------|----------------------------------|---|------------------------------------|---|
| Conductor | 24" | New | NA | 94.71 | 40' | 40' | GTS |
| Fresh Water | 13-3/8" | New | J-55 | 54.5 | 1,551' | 1,521' | CTS |
| Coal | | . . | | | | | |
| Intermediate | 9-5/8" | New | J-55 | 40 | 2,591' | 2,561' | CTS |
| Production | 5-1/2" | New | P-110 | 20 | 18,728' | 18,698' | 4355 cu ft. |
| Tubing | | | | | | | |
| Liners | | | | | | | |

MgK 4/26/2019

| TYPE | Size (in) | <u>Wellbore</u> Diameter (in) | <u>Wall</u> <u>Thickness</u> <u>(in)</u> | Burst Pressure (psi) | Anticipated Max. Internal Pressure (psi) | <u>Cement</u> <u>Type</u> | <u>Cement</u> <u>Yield</u> (cu. ft./k) |
|--------------|-----------|----------------------------------|--|-------------------------|--|------------------------------|--|
| Conductor | 24" | 38" | .375" | 415 | | 4,500 psi grout | NA |
| Fresh Water | 13-3/8" | 17-1/2" | .38" | 2,760 | 2,000 | Class A | 1.23 |
| Coal | | | | | | | |
| Intermediate | 9-5/8" | 12-1/4" | .395" | 3,950 | 3,000 | Class A | 1.3 |
| Production | 5-1/2" | 8-3/4" | .361" | 12,530 | 9,700 | 50:50 poz | 1.21 |
| Tubing | 2-7/8" | NA | .217" | 10,570 | 3,600 | NA | NA |
| Liners | | | | | | | |

PACKERS

| Kind: | | | |
|-------------|--|------|--|
| Sizes: | | | |
| Depths Set: | | | |

| ل ې API NO. 47 | 7 | 0 | 60 1/391/2089 4 | 2 |
|--------------------------|---|---|----------------------------|---|
| | | | | |

OPERATOR WELL NO. 3H Well Pad Name: Lemley

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

Drilling and completion of a horizontal Marcellus well. The well will be drilled on air to an approximate depth of 6,200 TVD/MD. The well will then be horizontally drilled on synthetic based mud from the KOP to approximately 8,206 TVD/18,728' MD along a 323° azimuth.

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

Multi-stage / high-rate slickwater fracture treatment using various size sands as proppant. First stage will be initiated via pressurization against a burst disc ran in the production casing string or perforated with coiled tubing. Subsequent stages will be perforated with pumped down guns ran on wireline. Individual stages will be isolated with composite frac plugs. Maximum pump rate during any stage will be 110 BPM with a maximum allowable surface pressure of 9,500 PSI. Composite bridge plugs will be set at the end of the last stage to isolate the treated formation.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 23.73

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

23) Describe centralizer placement for each casing string:

Surface and intermediate casing strings will have bow spring centralizers placed every third joint (~120') from the shoe joint to surface. Production casing will have rigid body centralizers placed at a minimum of every fourth joint (~160') from TD to surface.

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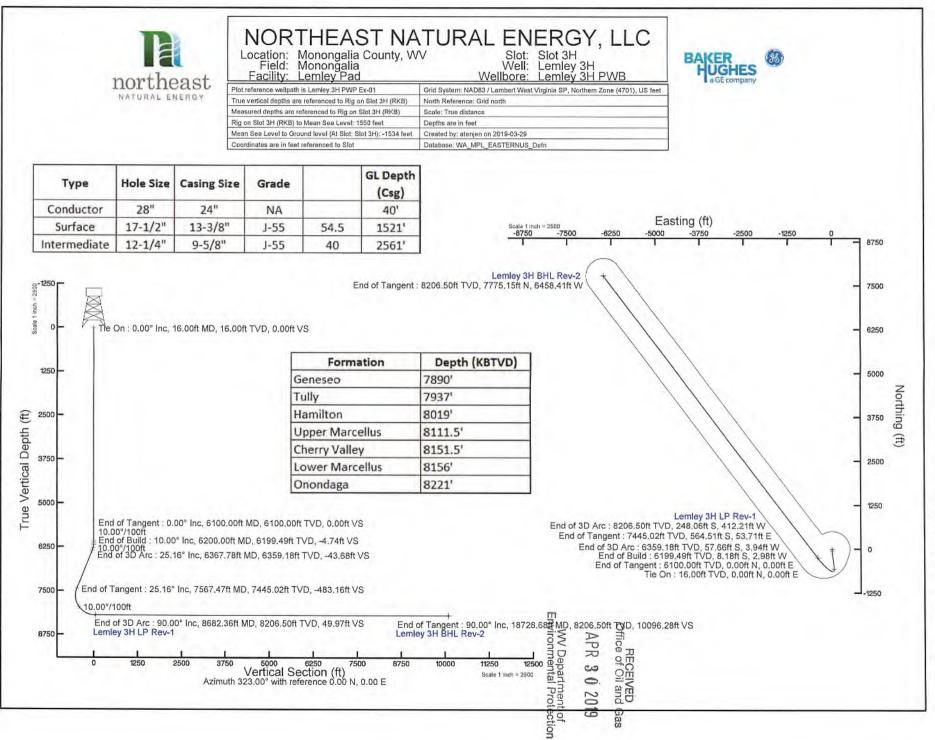
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24) Describe all cement additives associated with each cement type:

Surface string cement will be a Type 1 + Max 3% bwoc Calcium Chloride Fresh Water blend. Intermediate string cement will be a Type 1 Cement + Max 3% bwoc Calcium Chloride + Fresh Water. Production string cement will be (50:50) Poz (Fly Ash): Type I Cement with a gas migration additive.

25) Proposed borehole conditioning procedures:

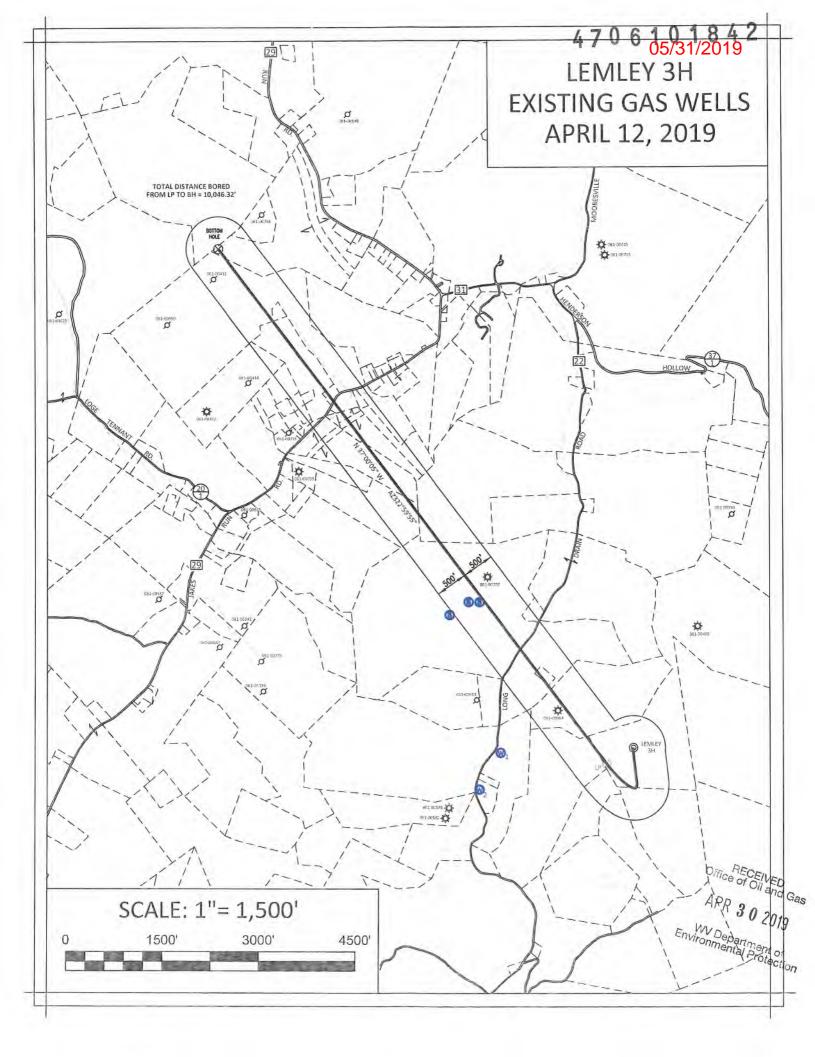
Surface string will use a 25.0 bbls Gel Pill + LCM + 25 lbs Cello Flake + 20 lbs/bbl Bentonite @ 8.4 ppg & 10 bbls fresh water spacer prior to cement. Intermediate string will use a 25.0 bbls Gel Pill + LCM + 25 lbs Cello Flake + 20 lbs/bbl Bentonite @ 8.4 ppg & 10 bbls fresh water spacer prior to cement. Production string will use a 50.0 bbls SealBond 25 + 1 gal/bbl US-40 + 275 lbs/bbl Barite + 1 gal/bbl SS-2 Spacer @ 13.5 ppg prior to cement.



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| | | | Lemley 3H Area of Review | ea of Review | / | | | |
|--------------|--------------|-------------|-----------------------------|-------------------|--------------------------------------|---------|------|------------------|
| AP! Number | Well Name | Well Number | Operator | Latitude (NAD 27) | Latitude (NAD 27) Longitude (NAD 27) | TMP | DVT | Comments |
| | | | South Penn Oil(S. Penn Nat. | | | | | |
| 47-061-00164 | J N Statler | 1 | Gas) | 39.672452 | -80.14168 | 4-11-46 | 3501 | NA |
| 70700 130 7V | B/M/ Statler | V IV | Vanco Inc | C30243 06 | JVLJV1 00 | 01110 | | A I A |
| 10/00-100-14 | | INA | Nepuo, IIIC. | 39.01/302 | -80.145246 | 4-TT-43 | NA | NA |
| 47-061-00411 | S J Johnson | NA | Carnegie Natural Gas Co. | 39.690769 | -80.160898 | 4-11-31 | NA | Plugged 10/21/08 |
| | | | | | | | | |

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WW-9 (4/16)

API Number 47 -

Operator's Well No. Lemley 3H

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 Blacksville |
| Do you anticipate using more than 5,000 bbls of water to com Will a pit be used? Yes No | plete the proposed well work? Yes No |
| If so, please describe anticipated pit waste: <u>NA</u> | |
| 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 Perm | |
| Reuse (at API Numberunknown at the Off Site Disposal (Supply form W) 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 Hollineol | |
|---|--|
| Company Official (Typed Name) Hollie Medley | |
| Company Official Title Regulatory Manager | |
| | OFFICIAL SEAL |
| Subscribed and sworn before me this 23rd day of April, 2019 | , 20 NOTARY PUBLIC STATE OF WEST VIRGINIA Kristen Brooks |
| Kristen Brooks | Notary Public Advantage Ad |
| My commission expires Aug 10, 2023 | My Commission Expires Aug. 10, 2023 |

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| Form WV |
|---------|
|---------|

Operator's Well No. Lemley 3H

| Northeast Natural I | Energy | LL | .C |
|---------------------|--------|----|----|
|---------------------|--------|----|----|

| Proposed Revegetation Treatm | ent: Acres Disturbed 8.3 | 6 Prevegetation pH | 4 <u>5-7</u> |
|------------------------------|--------------------------|----------------------|--------------|
| Lime _2 | Tons/acre or to correct | to pH _7 | |
| Fertilizer type 19-19 | 9-19 | | |
| Fertilizer amount_30 | 0 | lbs/acre | |
| Mulch 2 | | Fons/acre | |
| | | Seed Mixtures | |
| Tem | iporary | Perma | nent |
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| Orchard Grass | 46 | Orchard Grass | 46 |
| Red Clover | 8 | Red Clover | 8 |
| Tetraploi Perennia | al Rye 16 | Tetraploid Perennial | Rye 16 |
| Timothy 15 Annua | al Rye 15 | Timothy 15 Annual R | ye 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: Harmed - Kmil | fouril | | |
|---------------------------------|--------|----------------|--|
| Comments: | | | |
| | | | |
| | | | Office of EIVED |
| | | | APR 3 0 2019 |
| | | | WV Department of Environmental Protection |
| | | | |
| Title: INSpector | D | ate: 4/26/2019 | |
| Field Reviewed? (🗙) Yes | ()N | Io | |

Attachment A to WW-9

Northeast Natural Energy LLC ("NNE") plans to utilize a closed loop process for its drilling of the Lemley 3H 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.

Lemley 3H Drill Cuttings will be taken to disposal at one or more of the following disposal/approved waste facilities, unless listed facilities are no longer approved to accept waste at time of disposal:

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

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

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

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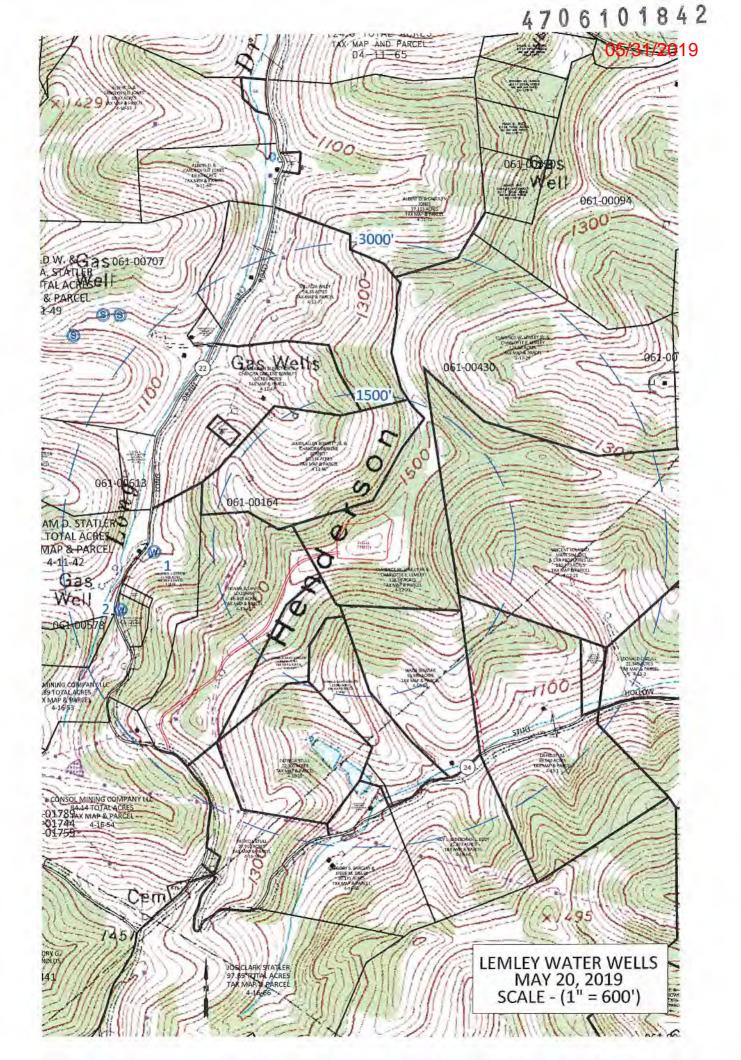


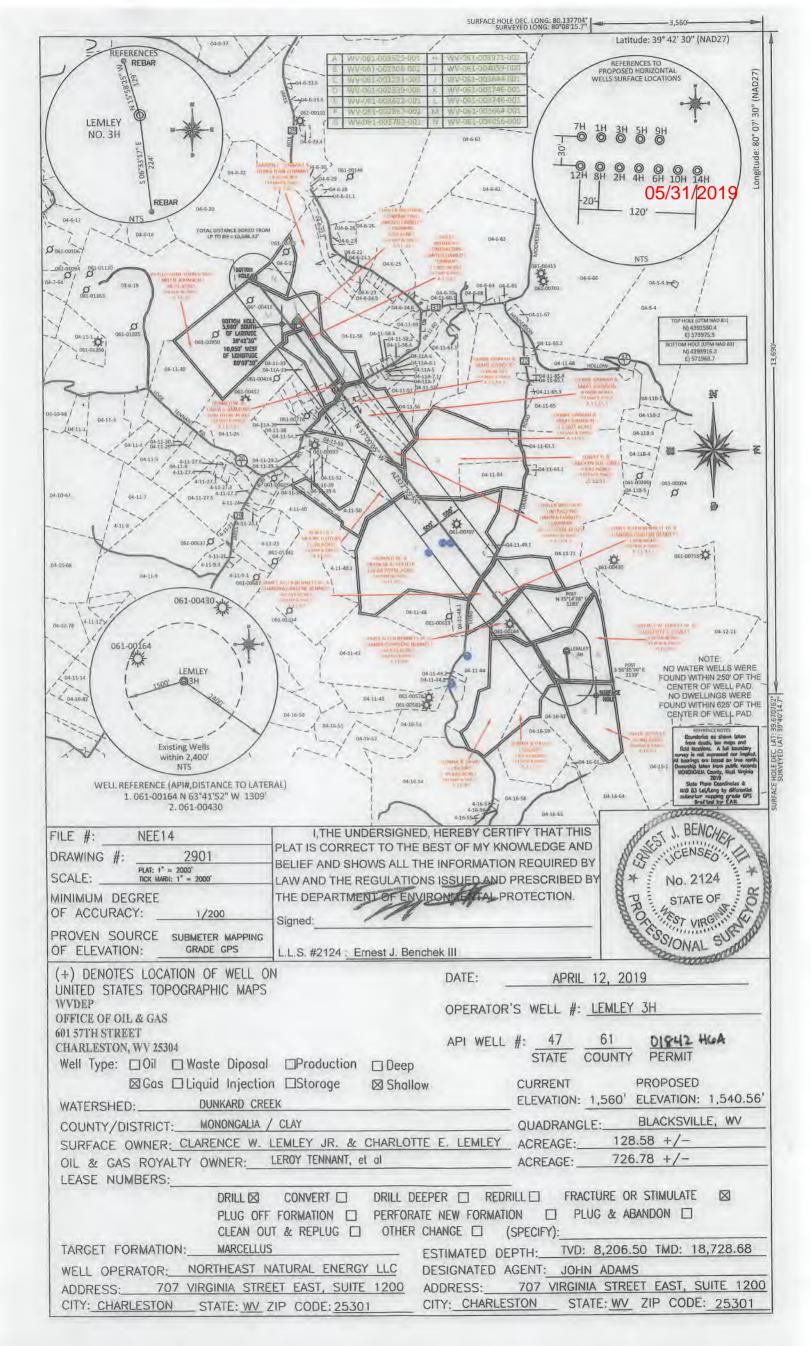
Lemley 3H SITE SAFETY PLAN

April 2019

Harm J 26/2019

Office of Oil and Gas APR 3 0 2019 WV Department of Environmental Protection





47061018402/31/2019

WW-6A1 (5/13) Operator's Well No. Lemley 3H

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:

| | Name or mber | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book/Page |
|--------|--------------|-----------------------|-----------------------|---------|-----------|
| Please | see | attached | | | |

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

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

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

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

| Well Operator: | Northeast Natural Energy | |
|----------------|--------------------------|----|
| By: | Hollie Medley | 1/ |
| lts: | Regulatory Manager | X |
| | | 0 |

Page 1 of 23

| Tract | Lease Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book | Page |
|-------|-------------------|-------------------------------|-------------------------------|------------------|------|------|
| А | WV-061-003525-001 | TENNANT, LEROY | Northeast Natural Energy LLC | 12.5% or Greater | 1524 | 449 |
| А | WV-061-003525-002 | LOHR, LLOYD M | Northeast Natural Energy LLC | 12.5% or Greater | 1526 | 74 |
| А | WV-061-003525-003 | HICKMAN, LINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1525 | 242 |
| А | WV-061-003525-004 | MALOTT, ROSE M. | Northeast Natural Energy LLC | 12.5% or Greater | 1525 | 250 |
| А | WV-061-003525-007 | TENNANT, SHIRLE | Northeast Natural Energy LLC | 12.5% or Greater | 1534 | 88 |
| А | WV-061-003525-008 | COSNER, SHEILA | Northeast Natural Energy LLC | 12.5% or Greater | 1534 | 86 |
| А | WV-061-003525-009 | EDDY, RONALD & | Northeast Natural Energy LLC | 12.5% or Greater | 1535 | 107 |
| А | WV-061-003525-010 | HENDERSON, WILL | Northeast Natural Energy LLC | 12.5% or Greater | 1536 | 622 |
| А | WV-061-003525-011 | HENDERSON, LARR | Northeast Natural Energy LLC | 12.5% or Greater | 1536 | 599 |
| А | WV-061-003525-012 | HENDERSON, ALPH | Northeast Natural Energy LLC | 12.5% or Greater | 1536 | 535 |
| А | WV-061-003525-013 | HENDERSON, JENN | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 289 |
| А | WV-061-003525-014 | HENDERSON, JESS | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 430 |
| А | WV-061-003525-015 | MCCARVER, STEPH | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 271 |
| А | WV-061-003525-016 | CHARVAT, SHAWNA | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 339 |
| А | WV-061-003525-017 | STOUT, MARGARET | Northeast Natural Energy LLC | 12.5% or Greater | 1569 | 269 |
| А | WV-061-003525-018 | TENNANT, DENZIL | Northeast Natural Energy LLC | 12.5% or Greater | 1569 | 244 |
| А | WV-061-003525-019 | VESELENAK, RONA | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 742 |
| А | WV-061-003525-020 | MCJESSY, JUDITH | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 744 |
| А | WV-061-003525-021 | CORE, CHARLES L | Northeast Natural Energy LLC | 12.5% or Greater | 1630 | 195 |
| А | WV-061-003715-002 | TYNER, CHRISTOP | Northeast Natural Energy LLC | 12.5% or Greater | 1554 | 828 |
| А | WV-061-003715-003 | DODD, NORA LOU | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 400 |
| А | WV-061-004308-001 | CORE, WILLIAM B | Northeast Natural Energy LLC | 12.5% or Greater | 1644 | 9 |
| А | WV-061-004263-001 | JENKINS, PAULA | Northeast Natural Energy LLC | 12.5% or Greater | 1645 | 348 |
| А | WV-061-004264-001 | MYERS, JUNE C. | Northeast Natural Energy LLC | 12.5% or Greater | 1571 | 548 |
| A | WV-061-004267-001 | CORE, BEVERLY J | Northeast Natural Energy LLC | 12.5% or Greater | 1571 | 578 |
| В | WV-061-002306-002 | BOWSER, WADE | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 92 |
| С | WV-061-001291-003 | STATLER, DORIS | Chesapeake Appalachia, L.L.C. | 12.5% or Greater | 1376 | 107 |
| С | WV-061-001291-003 | Chesapeake Appalachia, L.L.C. | Northeast Natural Energy LLC | 12.5% or Greater | 120 | 769 |
| С | WV-061-001291-005 | HANULA TRUST | Chesapeake Appalachia, L.L.C. | 12.5% or Greater | 1407 | 298 |
| С | WV-061-001291-005 | Chesapeake Appalachia, L.L.C. | Northeast Natural Energy LLC | 12.5% or Greater | 120 | 769 |
| С | WV-061-001291-018 | BANE, JANET S. | Northeast Natural Energy LLC | 12.5% or Greater | 1507 | 244 |
| С | WV-061-001291-020 | VARNER, MARTIN | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 605 |
| С | WV-061-001291-021 | KING, RONALD ET | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 483 |
| С | WV-061-001291-022 | TENNANT, HARRY | Northeast Natural Energy LLC | 12.5% or Greater | 1633 | 336 |
| С | WV-061-003682-001 | ASHCRAFT, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1547 | 801 |
| С | WV-061-003682-002 | ASHCRAFT, RICKY | Northeast Natural Energy LLC | 12.5% or Greater | 1548 | 262 |

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|-------|-------------------|-----------------------|------------------------------|------------------|------|------|
| С | WV-061-003682-003 | CRANE, SHIRLEY | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 778 |
| С | WV-061-003682-004 | ASHCRAFT, DUSTI | Northeast Natural Energy LLC | 12.5% or Greater | 1548 | 258 |
| С | WV-061-003682-005 | ASHCRAFT, DAYTO | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 78 |
| С | WV-061-003682-006 | ASHCRAFT, JOHN | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 328 |
| С | WV-061-003682-007 | ASHCRAFT, CHARL | Northeast Natural Energy LLC | 12.5% or Greater | 1550 | 36 |
| С | WV-061-004270-001 | WILLIAMS, LORET | Northeast Natural Energy LLC | 12.5% or Greater | 1571 | 53 |
| С | WV-061-004317-001 | KETCHEM, JOYCE | Northeast Natural Energy LLC | 12.5% or Greater | 1576 | 34 |
| С | WV-061-004317-002 | WILSON, BARBARA | Northeast Natural Energy LLC | 12.5% or Greater | 1640 | 37 |
| С | WV-061-004317-003 | TENNANT, BRENDA | Northeast Natural Energy LLC | 12.5% or Greater | 1640 | 37 |
| С | WV-061-004317-004 | ARNETT, ROBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1640 | 37 |
| С | WV-061-004317-005 | STULL, DONALD L | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 34 |
| С | WV-061-004317-006 | BROOKOVER, ROBE | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 41 |
| С | WV-061-004317-007 | STATLER, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 41 |
| С | WV-061-004317-008 | STATLER, NELSON | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 41 |
| С | WV-061-004317-009 | STATLER, JOSEPH | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 42 |
| С | WV-061-004317-010 | CHISLER FAMILY | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 42 |
| С | WV-061-004317-011 | STATLER, GARY A | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 42 |
| С | WV-061-004317-012 | MORRIS, LINDA S | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 51 |
| С | WV-061-004317-013 | KING, SHARON | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 44 |
| С | WV-061-004317-014 | LOUGHRY, DONNA | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 9 |
| D | WV-061-002339-006 | STATLER, GARY | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 31 |
| D | WV-061-002339-007 | STATLER, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 34 |
| D | WV-061-002339-008 | TENNANT, ARIETT | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 34 |
| D | WV-061-002339-009 | MCCORD, RONNIE | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 47 |
| D | WV-061-002339-010 | HOWARD, WILLA | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 47 |
| D | WV-061-002339-011 | HENDERSON, NELS | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 51 |
| D | WV-061-002339-012 | SCHIMMEL, JACQU | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 2 |
| D | WV-061-002339-013 | MCCORD, LAWRENC | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 1 |
| D | WV-061-002339-014 | CLEVENGER, DOUG | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 53 |
| D | WV-061-002339-015 | LORING, HOWARD | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 10 |
| D | WV-061-002339-016 | BRYAN, DIANA L | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 30 |
| D | WV-061-002339-017 | JACKSON, ALMA H | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 84 |
| D | WV-061-002339-018 | LEWIS, RACHEL L | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 29 |
| D | WV-061-002339-019 | CLEVENGER, LUC | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 81 |
| D | WV-061-002339-020 | STATLER, CLAREN | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 82 |
| D | WV-061-002339-021 | MYERS, DEBORAH | Northeast Natural Energy LLC | 12.5% or Greater | 1550 | 57 |

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| D | WV-061-002339-022 | WALLS, DEVON | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 435 |
| D | WV-061-002339-023 | CORDER, DENNY R | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 336 |
| D | WV-061-002339-024 | CORDER, DANNY O | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 334 |
| D | WV-061-002339-025 | MARIETTA, ANGEL | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 344 |
| D | WV-061-002339-026 | TENNANT, SHEILA | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 319 |
| D | WV-061-002339-027 | ARNETT, PAMELA | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 317 |
| D | WV-061-002339-028 | VARNER, DONNA | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 480 |
| D | WV-061-002339-029 | DEVINE, JOHN | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 464 |
| D | WV-061-002339-030 | EISEMAN, JILL D | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 293 |
| D | WV-061-002339-031 | ZUCHINSKI, NORM | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 313 |
| D | WV-061-002339-032 | MOORE, AMBER G | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 802 |
| D | WV-061-002339-033 | RUSH, RICHARD W | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 462 |
| D | WV-061-002339-034 | SHRIVER, JODIE | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 537 |
| D | WV-061-002339-035 | STATLER, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1556 | 479 |
| D | WV-061-002339-036 | MCCARTNEY, ANNA | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 390 |
| D | WV-061-002339-037 | CORDER, DARRELL | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 420 |
| D | WV-061-002339-038 | BERRY, PRUDENCE | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 507 |
| D | WV-061-002339-039 | VOITHOFER, PAUL | Northeast Natural Energy LLC | 12.5% or Greater | 1551 | 105 |
| D | WV-061-002339-040 | WHITE, LINDA LO | Northeast Natural Energy LLC | 12.5% or Greater | 1551 | 107 |
| D | WV-061-002339-041 | WALLS, DENZIL M | Northeast Natural Energy LLC | 12.5% or Greater | 1558 | 837 |
| D | WV-061-002339-042 | WALLS, DONZEL B | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 647 |
| D | WV-061-002339-043 | WALLS, DANIEL E | Northeast Natural Energy LLC | 12.5% or Greater | 1567 | 825 |
| D | WV-061-002339-044 | MCMAHON, MARGIE | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 719 |
| D | WV-061-002339-045 | WALLS, DELMER J | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 734 |
| D | WV-061-002339-046 | WALLS, ELIZABET | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 61 |
| D | WV-061-002339-047 | WALLS, TABITHA | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 3 |
| D | WV-061-002339-048 | HENDERSON, WAYN | Northeast Natural Energy LLC | 12.5% or Greater | 1560 | 55 |
| D | WV-061-002339-049 | ANASTAISIADIS, | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 396 |
| D | WV-061-002339-050 | MOORE, LINDA A | Northeast Natural Energy LLC | 12.5% or Greater | 1582 | 45 |
| D | WV-061-002339-051 | O'LEARY, JESSIC | Northeast Natural Energy LLC | 12.5% or Greater | 1584 | 772 |
| D | WV-061-002339-052 | FREEMAN, BRENDA | Northeast Natural Energy LLC | 12.5% or Greater | 1593 | 442 |
| D | WV-061-002339-053 | JOHNSON, LUCILL | Northeast Natural Energy LLC | 12.5% or Greater | 1619 | 26 |
| D | WV-061-002339-054 | POLING, GARY C. | Northeast Natural Energy LLC | 12.5% or Greater | 1619 | 192 |
| D | WV-061-002339-055 | POLING, LESTER | Northeast Natural Energy LLC | 12.5% or Greater | 1619 | 201 |
| D | WV-061-002339-056 | POLING, DONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1619 | 207 |
| D | WV-061-002339-057 | COX, SHERRY L | Northeast Natural Energy LLC | 12.5% or Greater | 1619 | 216 |

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| D | WV-061-002339-058 | DEVINE, GILBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1638 | 174 |
| D | WV-061-002339-059 | TRADER, JOSEPH | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 575 |
| D | WV-061-002339-060 | TRADER, DAVID | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 577 |
| D | WV-061-002339-061 | TRADER, EDWARD | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 579 |
| D | WV-061-002339-062 | COPEN, BARBARA | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 581 |
| D | WV-061-002339-063 | POLING, LARRY | Northeast Natural Energy LLC | 12.5% or Greater | 1642 | 805 |
| D | WV-061-002339-064 | BROOKOVER, PAUL | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 539 |
| D | WV-061-002339-065 | STATLER, NELSON | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 537 |
| D | WV-061-002339-066 | STATLER, JOSEPH | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 404 |
| D | WV-061-002339-067 | CHISLER FAMILY | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 237 |
| D | WV-061-002339-068 | STATLER, GARY A | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 176 |
| D | WV-061-002339-069 | MORRIS, LINDA S | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 174 |
| D | WV-061-002339-070 | KING, SHARON | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 172 |
| D | WV-061-002339-071 | MORRIS, ANDREW | Northeast Natural Energy LLC | 12.5% or Greater | 1646 | 535 |
| D | WV-061-002339-072 | KISNER, PHILLIP | Northeast Natural Energy LLC | 12.5% or Greater | 1646 | 544 |
| D | WV-061-002339-073 | JOHNSON, ASHLEY | Northeast Natural Energy LLC | 12.5% or Greater | 1646 | 548 |
| D | WV-061-002339-074 | TENNANT, CHA ET | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 788 |
| D | WV-061-002339-075 | STATLER, ROB ET | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 70 |
| D | WV-061-002339-076 | STATLER, JOHN R | Northeast Natural Energy LLC | 12.5% or Greater | 1652 | 272 |
| D | WV-061-002339-077 | STATLER, HAROLD | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 86 |
| D | WV-061-002339-078 | MALONE, BEVERLY | Northeast Natural Energy LLC | 12.5% or Greater | 1657 | 296 |
| D | WV-061-002339-079 | HOVATTER, ANTON | Northeast Natural Energy LLC | 12.5% or Greater | 1660 | 394 |
| D | WV-061-002503-002 | КЕТСНЕМ, ЈОҮСЕ | Chesapeake Appalachia, L.L.C. | 12.5% or Greater | 1421 | 385 |
| D | WV-061-002503-002 | Chesapeake Appalachia, L.L.C. | Northeast Natural Energy LLC | 12.5% or Greater | 120 | 769 |
| D | WV-061-002503-003 | VARNER, JOY | Chesapeake Appalachia, L.L.C. | 12.5% or Greater | 1421 | 398 |
| D | WV-061-002503-003 | Chesapeake Appalachia, L.L.C. | Northeast Natural Energy LLC | 12.5% or Greater | 120 | 769 |
| D | WV-061-002503-004 | KING, CHRISTINA | Chesapeake Appalachia, L.L.C. | 12.5% or Greater | 1421 | 394 |
| D | WV-061-002503-004 | Chesapeake Appalachia, L.L.C. | Northeast Natural Energy LLC | 12.5% or Greater | 120 | 769 |
| D | WV-061-002503-005 | BANE, JANET | Chesapeake Appalachia, L.L.C. | 12.5% or Greater | 1421 | 359 |
| D | WV-061-002503-005 | Chesapeake Appalachia, L.L.C. | Northeast Natural Energy LLC | 12.5% or Greater | 120 | 769 |
| D | WV-061-003682-001 | ASHCRAFT, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1547 | 801 |
| D | WV-061-003682-002 | ASHCRAFT, RICKY | Northeast Natural Energy LLC | 12.5% or Greater | 1548 | 262 |
| D | WV-061-003682-003 | CRANE, SHIRLEY | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 778 |
| D | WV-061-003682-004 | ASHCRAFT, DUSTI | Northeast Natural Energy LLC | 12.5% or Greater | 1548 | 258 |
| D | WV-061-003682-005 | ASHCRAFT, DAYTO | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 782 |
| D | WV-061-003682-006 | ASHCRAFT, JOHN | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 328 |

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| D | WV-061-003682-007 | ASHCRAFT, CHARL | Northeast Natural Energy LLC | 12.5% or Greater | 1550 | 367 |
| D | WV-061-003860-001 | SHUMAN, INC. | Northeast Natural Energy LLC | 12.5% or Greater | 1551 | 101 |
| D | WV-061-004155-001 | NEW AUGUSTA INC | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 671 |
| D | WV-061-004270-001 | WILLIAMS, LORET | Northeast Natural Energy LLC | 12.5% or Greater | 1571 | 535 |
| D | WV-061-004461-001 | HOVATTER, DENNI | Northeast Natural Energy LLC | 12.5% or Greater | 1586 | 444 |
| D | WV-061-004461-002 | WEST VIRGINIA U | Northeast Natural Energy LLC | 12.5% or Greater | 1586 | 556 |
| D | WV-061-004461-003 | KENYON, BARB ET | Northeast Natural Energy LLC | 12.5% or Greater | 1588 | 842 |
| D | WV-061-004461-004 | HENDERSON, ALLE | Northeast Natural Energy LLC | 12.5% or Greater | 1588 | 845 |
| D | WV-061-004461-005 | HENDERSON, JERR | Northeast Natural Energy LLC | 12.5% or Greater | 1588 | 848 |
| D | WV-061-004461-006 | FLETCHER, PATRI | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 9 |
| D | WV-061-004461-007 | SCHLEGEL, BONNI | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 12 |
| D | WV-061-004461-008 | ZICKEFOOSE, EDN | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 15 |
| D | WV-061-004461-009 | KOVALSKY, SHIRL | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 18 |
| D | WV-061-004461-010 | FRYE, CATHY | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 21 |
| D | WV-061-004461-011 | SWENK, SALLY JO | Northeast Natural Energy LLC | 12.5% or Greater | 1605 | 102 |
| D | WV-061-004461-012 | SCHULTZ, GEORGE | Northeast Natural Energy LLC | 12.5% or Greater | 1605 | 105 |
| D | WV-061-004461-013 | RICKS, MARY E | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 649 |
| D | WV-061-004461-014 | LEKSELL, DEBORA | Northeast Natural Energy LLC | 12.5% or Greater | 1610 | 468 |
| D | WV-061-004461-015 | SCHULTZ, JEFFRE | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 653 |
| D | WV-061-004461-016 | WREN, SUZANNE | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 656 |
| D | WV-061-004461-017 | WELLS, STACEY | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 669 |
| D | WV-061-004461-018 | WELLS, ROBERT S | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 672 |
| D | WV-061-004461-020 | BREWER, PATRICI | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 776 |
| D | WV-061-004461-021 | LEWIS, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 799 |
| D | WV-061-004461-022 | LASKODY, PAMELA | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 801 |
| D | WV-061-004461-023 | SCHEUCH, JENNIF | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 803 |
| D | WV-061-004461-024 | STATLER, GREGOR | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 429 |
| D | WV-061-004461-025 | STATLER, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 431 |
| D | WV-061-004461-026 | STATLER, MICHEL | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 433 |
| D | WV-061-004461-027 | STATLER, RON ET | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 435 |
| D | WV-061-004461-028 | STATLER, MARY L | Northeast Natural Energy LLC | 12.5% or Greater | 1630 | 257 |
| D | WV-061-004461-029 | HOVATTER, LINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1638 | 259 |
| D | WV-061-004461-030 | STATLER, KENNET | Northeast Natural Energy LLC | 12.5% or Greater | 1636 | 281 |
| D | WV-061-004461-031 | MORRIS, GENEVIE | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 533 |
| D | WV-061-004461-032 | SMITH, KATHLEEN | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 827 |
| D | WV-061-004461-033 | MCCONAHAY, KEIT | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 829 |

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| D | WV-061-004461-034 | HOPPER, DANIELL | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 831 |
| D | WV-061-004461-035 | SAYLOR, DEBORA | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 833 |
| D | WV-061-004461-036 | PATTERSON, T ET | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 726 |
| D | WV-061-004461-037 | CURTIS, MARY | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 847 |
| D | WV-061-004461-038 | FLUHARTY, DIANN | Northeast Natural Energy LLC | 12.5% or Greater | 1638 | 524 |
| D | WV-061-004461-039 | REDMAN, MARY E | Northeast Natural Energy LLC | 12.5% or Greater | 1638 | 512 |
| D | WV-061-004461-040 | STATLER, RICHAR | Northeast Natural Energy LLC | 12.5% or Greater | 1640 | 581 |
| D | WV-061-004461-041 | STATLER, ROBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 350 |
| D | WV-061-004461-042 | WALTERS, MARY | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 352 |
| D | WV-061-004461-043 | LORD, LISA ETV | Northeast Natural Energy LLC | 12.5% or Greater | 1642 | 368 |
| D | WV-061-004461-044 | SHAHAN, MICHAEL | Northeast Natural Energy LLC | 12.5% or Greater | 1642 | 370 |
| D | WV-061-004461-045 | PRICHARD, JOHN | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 535 |
| D | WV-061-004461-046 | WARMAN, SHIRLEY | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 447 |
| D | WV-061-004461-047 | MOONEY, NORMA E | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 449 |
| D | WV-061-004461-048 | WARMAN, WILLIAM | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 451 |
| D | WV-061-004461-049 | PRICHARD TRUST | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 100 |
| D | WV-061-004461-050 | KERNS, LINDA S | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 10 |
| D | WV-061-004461-051 | RUSSELL, REBECC | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 760 |
| D | WV-061-004461-052 | PAULY, PAULA ET | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 427 |
| D | WV-061-004461-053 | STATLER, HELEN | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 607 |
| D | WV-061-004461-054 | KELLEY, NANCY A | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 609 |
| D | WV-061-004461-055 | BRAND, HAZEL K | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 611 |
| D | WV-061-004461-056 | LEWIS, LORETTA | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 613 |
| D | WV-061-004461-057 | LEWIS, LISA K. | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 615 |
| D | WV-061-004461-058 | LEWIS, LENA F. | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 617 |
| D | WV-061-004461-059 | PHILLIPS, R ET | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 619 |
| D | WV-061-004461-060 | HOVATTER, SHARO | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 165 |
| D | WV-061-004461-061 | EVANS, PAMELA K | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 765 |
| D | WV-061-004461-062 | STATLER, PATRIC | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 237 |
| D | WV-061-004461-063 | STATLER, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 239 |
| D | WV-061-004461-064 | MOREHEAD, LAURA | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 171 |
| D | WV-061-004461-065 | CZAKO, LENORA A | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 173 |
| D | WV-061-004461-066 | FOLKENS, DOUGLA | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 175 |
| D | WV-061-004461-067 | WILLIS, ROLLEY | Northeast Natural Energy LLC | 12.5% or Greater | 1651 | 139 |
| D | WV-061-004461-068 | MORRIS, BARBARA | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 179 |
| D | WV-061-004461-069 | VIETS, ELLEN C | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 181 |

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| D | WV-061-004461-070 | VIETS, LLOYD O | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 183 |
| D | WV-061-004461-071 | DURBIN, WILDA J | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 171 |
| D | WV-061-004461-072 | MILLER, WILMA J | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 329 |
| D | WV-061-004461-073 | MAIN, GEORGE M | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 173 |
| D | WV-061-004461-074 | ZAPPI, ALICE M | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 175 |
| D | WV-061-004461-075 | BELL, BARBARA A | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 177 |
| D | WV-061-004461-076 | TEASDALE, KYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 559 |
| D | WV-061-004461-077 | TEASDALE, DANYA | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 561 |
| D | WV-061-004461-078 | MAIN, KEANITH P | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 563 |
| D | WV-061-004461-079 | BRIGGS, HARRIET | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 331 |
| D | WV-061-004461-080 | EASTHAM, LINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1655 | 607 |
| D | WV-061-004461-081 | KELLEY, PAUL R. | Northeast Natural Energy LLC | 12.5% or Greater | 1655 | 609 |
| D | WV-061-004535-001 | HALL, CHERYL L | Northeast Natural Energy LLC | 12.5% or Greater | 1591 | 509 |
| D | WV-061-004535-002 | HALL, LUCINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1591 | 520 |
| D | WV-061-004535-003 | HALL, TAMARA L | Northeast Natural Energy LLC | 12.5% or Greater | 1591 | 513 |
| D | WV-061-005201-001 | STATLER, KIMBER | Northeast Natural Energy LLC | 12.5% or Greater | 1628 | 560 |
| D | WV-061-005201-002 | BOYCE, BEVERLY | Northeast Natural Energy LLC | 12.5% or Greater | 1628 | 562 |
| D | WV-061-005201-003 | ASH, SUSAN | Northeast Natural Energy LLC | 12.5% or Greater | 1628 | 564 |
| D | WV-061-005201-004 | STATLER, DEBORA | Northeast Natural Energy LLC | 12.5% or Greater | 1628 | 566 |
| D | WV-061-005481-001 | CNX GAS COMPANY | Northeast Natural Energy LLC | 12.5% or Greater | 1645 | 152 |
| E | WV-061-003622-001 | KRIER, MARGARET | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 195 |
| Е | WV-061-003622-002 | SUSKIND, MARY | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 234 |
| E | WV-061-003622-003 | WRIGHT, DONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 531 |
| E | WV-061-004642-001 | GOODEN, DORIS | Northeast Natural Energy LLC | 12.5% or Greater | 1600 | 310 |
| E | WV-061-003582-006 | WV MINERALS INC | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 709 |
| F | WV-061-002367-002 | JONES, ROBERT H | Chesapeake Appalachia, L.L.C. | 12.5% or Greater | 1404 | 474 |
| F | WV-061-002367-002 | Chesapeake Appalachia, L.L.C. | Northeast Natural Energy LLC | 12.5% or Greater | 120 | 769 |
| F | WV-061-002367-004 | TRADER, FLORENC | Northeast Natural Energy LLC | 12.5% or Greater | 1510 | 68 |
| F | WV-061-002367-005 | TENNANT, ARIETT | Northeast Natural Energy LLC | 12.5% or Greater | 1511 | 554 |
| F | WV-061-002367-006 | STATLER, GARY D | Northeast Natural Energy LLC | 12.5% or Greater | 1576 | 640 |
| F | WV-061-002367-007 | STATLER, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1512 | 535 |
| F | WV-061-002367-008 | ANASTASIADIS, M | Northeast Natural Energy LLC | 12.5% or Greater | 1516 | 156 |
| F | WV-061-002367-009 | HENDERSON, WAYN | Northeast Natural Energy LLC | 12.5% or Greater | 1512 | 693 |
| F | WV-061-002367-010 | ZUCHINSKI, NORM | Northeast Natural Energy LLC | 12.5% or Greater | 1516 | 162 |
| F | WV-061-002367-011 | DEVINE, JOHN N | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 129 |
| F | WV-061-002367-012 | TENNANT, SHEILA | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 123 |

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| F | WV-061-002367-013 | ARNETT, PAMELA | Northeast Natural Energy LLC | 12.5% or Greater | 1516 | 152 |
| F | WV-061-002367-014 | SHRIVER, JODIE | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 133 |
| F | WV-061-002367-015 | BERRY, PRUDENCE | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 117 |
| F | WV-061-002367-016 | O'LEARY, JESSIC | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 32 |
| F | WV-061-002367-017 | VARNER, DONNA | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 107 |
| F | WV-061-002367-018 | POLING, LOUISE | Northeast Natural Energy LLC | 12.5% or Greater | 1590 | 131 |
| F | WV-061-002367-019 | JOHNSON, LUCILL | Northeast Natural Energy LLC | 12.5% or Greater | 1518 | 1 |
| F | WV-061-002367-020 | FREEMAN, BRENDA | Northeast Natural Energy LLC | 12.5% or Greater | 1520 | 322 |
| F | WV-061-002367-021 | KOVALSKY, SHIRL | Northeast Natural Energy LLC | 12.5% or Greater | 1520 | 328 |
| F | WV-061-002367-022 | KENYON, BARBARA | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 808 |
| F | WV-061-002367-023 | HENDERSON, JERR | Northeast Natural Energy LLC | 12.5% or Greater | 1517 | 849 |
| F | WV-061-002367-024 | MCCORD, RONNIE | Northeast Natural Energy LLC | 12.5% or Greater | 1523 | 443 |
| F | WV-061-002367-025 | HOWARD, WILLA | Northeast Natural Energy LLC | 12.5% or Greater | 1523 | 799 |
| F | WV-061-002367-026 | MCCORD, LAWRENC | Northeast Natural Energy LLC | 12.5% or Greater | 1524 | 325 |
| F | WV-061-002367-032 | CORDER, DENNY R | Northeast Natural Energy LLC | 12.5% or Greater | 1532 | 711 |
| F | WV-061-002367-033 | TENNANT, CHARLE | Northeast Natural Energy LLC | 12.5% or Greater | 1532 | 568 |
| F | WV-061-002367-036 | CORDER, DANNY O | Northeast Natural Energy LLC | 12.5% or Greater | 1531 | 86 |
| F | WV-061-002367-037 | CORDER, DARRELL | Northeast Natural Energy LLC | 12.5% or Greater | 1533 | 113 |
| F | WV-061-002367-039 | MYERS, DEBORAH | Northeast Natural Energy LLC | 12.5% or Greater | 1535 | 97 |
| F | WV-061-002367-040 | STATLER, CLAREN | Northeast Natural Energy LLC | 12.5% or Greater | 1535 | 118 |
| F | WV-061-002367-041 | CLEVENGER, DOUG | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 262 |
| F | WV-061-002367-042 | SCHIMMEL, JACQU | Northeast Natural Energy LLC | 12.5% or Greater | 1535 | 708 |
| F | WV-061-002367-043 | EISEMAN, JILL | Northeast Natural Energy LLC | 12.5% or Greater | 1535 | 631 |
| F | WV-061-002367-044 | EDDY, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 441 |
| F | WV-061-002367-045 | EDDY, KYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 288 |
| F | WV-061-002367-046 | CLEVENGER, LUCA | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 524 |
| F | WV-061-002367-047 | FORTUNE DEVELOP | Northeast Natural Energy LLC | 12.5% or Greater | 1561 | 305 |
| F | WV-061-002367-048 | HENDERSON, NELS | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 348 |
| F | WV-061-002367-049 | LORING, HOWARD | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 338 |
| F | WV-061-002367-050 | LEWIS, RACHEL | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 683 |
| F | WV-061-002367-051 | BRYAN, DIANA L | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 346 |
| F | WV-061-002367-052 | JACKSON, ALMA | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 822 |
| F | WV-061-002367-053 | WALLS, DEVON | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 337 |
| F | WV-061-002367-054 | MARIETTA, ANGEL | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 685 |
| F | WV-061-002367-055 | CARR, NANCY P. | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 472 |
| F | WV-061-002367-056 | CARR, TRAVIS S | Norsheast Natural Energy LLC | 12.5% or Greater | 1547 | 844 |

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| F | WV-061-002367-057 | JUDGE, TIFFANY | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 794 |
| <u> </u> | WV-061-002367-058 | RUSH, RICHARD W | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 786 |
| F | WV-061-002367-059 | MOORE, AMBER G. | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 796 |
| F | WV-061-002367-060 | MCCARTNEY, ANNA | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 386 |
| F | WV-061-002367-061 | VOITHOFER, PAUL | Northeast Natural Energy LLC | 12.5% or Greater | 1551 | 103 |
| F | WV-061-002367-062 | WHITE, LINDA LO | Northeast Natural Energy LLC | 12.5% or Greater | 1551 | 97 |
| F | WV-061-002367-063 | WALLS, DENZIL M | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 71 |
| F | WV-061-002367-064 | WALLS, DONZEL B | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 73 |
| F | WV-061-002367-065 | BENSON, CHRISTI | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 81 |
| F | WV-061-002367-066 | MCMAHON, MARGIE | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 63 |
| F | WV-061-002367-067 | WALLS, DANIEL E | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 35 |
| F | WV-061-002367-068 | WALLS, DELMER J | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 17 |
| F | WV-061-002367-069 | MYERS, DAVID B | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 645 |
| F | WV-061-002367-070 | WALLS, ELIZABET | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 65 |
| F | WV-061-002367-071 | WALLS, TABITHA | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 278 |
| F | WV-061-002367-072 | MOORE, LINDA A. | Northeast Natural Energy LLC | 12.5% or Greater | 1588 | 357 |
| F | WV-061-002367-073 | HUPP, SARA S | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 21 |
| F | WV-061-002367-074 | HUPP, MOLLY H | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 442 |
| F | WV-061-002367-075 | STATLER, ROB ET | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 72 |
| F | WV-061-002367-076 | SCHEINHOLTZ, DA | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 74 |
| F | WV-061-004461-001 | HOVATTER, DENNI | Northeast Natural Energy LLC | 12.5% or Greater | 1586 | 444 |
| F | WV-061-004461-002 | WEST VIRGINIA U | Northeast Natural Energy LLC | 12.5% or Greater | 1586 | 556 |
| F | WV-061-004461-003 | KENYON, BARB ET | Northeast Natural Energy LLC | 12.5% or Greater | 1588 | 842 |
| F | WV-061-004461-004 | HENDERSON, ALLE | Northeast Natural Energy LLC | 12.5% or Greater | 1588 | 845 |
| F | WV-061-004461-005 | HENDERSON, JERR | Northeast Natural Energy LLC | 12.5% or Greater | 1588 | 848 |
| F | WV-061-004461-006 | FLETCHER, PATRI | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 9 |
| F | WV-061-004461-007 | SCHLEGEL, BONNI | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 12 |
| F | WV-061-004461-008 | ZICKEFOOSE, EDN | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 15 |
| F | WV-061-004461-009 | KOVALSKY, SHIRL | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 18 |
| F | WV-061-004461-010 | FRYE, CATHY | Northeast Natural Energy LLC | 12.5% or Greater | 1589 | 21 |
| F | WV-061-004461-011 | SWENK, SALLY JO | Northeast Natural Energy LLC | 12.5% or Greater | 1605 | 102 |
| F | WV-061-004461-012 | SCHULTZ, GEORGE | Northeast Natural Energy LLC | 12.5% or Greater | 1605 | 105 |
| F | WV-061-004461-013 | RICKS, MARY E | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 649 |
| F | WV-061-004461-014 | LEKSELL, DEBORA | Northeast Natural Energy LLC | 12.5% or Greater | 1610 | 468 |
| F | WV-061-004461-015 | SCHULTZ, JEFFRE | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 653 |
| F | WV-061-004461-016 | WREN, SUZANNE | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 656 |

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| F | WV-061-004461-017 | WELLS, STACEY | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 669 |
| F | WV-061-004461-018 | WELLS, ROBERT S | Northeast Natural Energy LLC | 12.5% or Greater | 1606 | 672 |
| F | WV-061-004461-020 | BREWER, PATRICI | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 776 |
| F | WV-061-004461-021 | LEWIS, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 799 |
| F | WV-061-004461-022 | LASKODY, PAMELA | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 801 |
| F | WV-061-004461-023 | SCHEUCH, JENNIF | Northeast Natural Energy LLC | 12.5% or Greater | 1617 | 803 |
| F | WV-061-004461-024 | STATLER, GREGOR | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 429 |
| F | WV-061-004461-025 | STATLER, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 431 |
| F | WV-061-004461-026 | STATLER, MICHEL | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 433 |
| F | WV-061-004461-027 | STATLER, RON ET | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 435 |
| F | WV-061-004461-028 | STATLER, MARY L | Northeast Natural Energy LLC | 12.5% or Greater | 1630 | 257 |
| F | WV-061-004461-029 | HOVATTER, LINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1638 | 259 |
| F | WV-061-004461-030 | STATLER, KENNET | Northeast Natural Energy LLC | 12.5% or Greater | 1636 | 281 |
| F | WV-061-004461-031 | MORRIS, GENEVIE | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 533 |
| F | WV-061-004461-032 | SMITH, KATHLEEN | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 827 |
| F | WV-061-004461-033 | MCCONAHAY, KEIT | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 829 |
| F | WV-061-004461-034 | HOPPER, DANIELL | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 831 |
| F | WV-061-004461-035 | SAYLOR, DEBORA | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 833 |
| F | WV-061-004461-036 | PATTERSON, T ET | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 726 |
| F | WV-061-004461-037 | CURTIS, MARY | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 847 |
| F | WV-061-004461-038 | FLUHARTY, DIANN | Northeast Natural Energy LLC | 12.5% or Greater | 1638 | 524 |
| F | WV-061-004461-039 | REDMAN, MARY E | Northeast Natural Energy LLC | 12.5% or Greater | 1638 | 512 |
| F | WV-061-004461-040 | STATLER, RICHAR | Northeast Natural Energy LLC | 12.5% or Greater | 1640 | 581 |
| F | WV-061-004461-041 | STATLER, ROBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 350 |
| F | WV-061-004461-042 | WALTERS, MARY | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 352 |
| F | WV-061-004461-043 | LORD, LISA ETV | Northeast Natural Energy LLC | 12.5% or Greater | 1642 | 368 |
| F | WV-061-004461-044 | SHAHAN, MICHAEL | Northeast Natural Energy LLC | 12.5% or Greater | 1642 | 370 |
| F | WV-061-004461-045 | PRICHARD, JOHN | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 535 |
| F | WV-061-004461-046 | WARMAN, SHIRLEY | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 447 |
| F | WV-061-004461-047 | MOONEY, NORMA E | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 449 |
| F | WV-061-004461-048 | WARMAN, WILLIAM | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 451 |
| F | WV-061-004461-049 | PRICHARD TRUST | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 100 |
| F | WV-061-004461-050 | KERNS, LINDA S | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 10 |
| F | WV-061-004461-051 | RUSSELL, REBECC | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 760 |
| F | WV-061-004461-052 | PAULY, PAULA ET | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 427 |
| F | WV-061-004461-053 | STATLER, HELEN | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 607 |

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| F | WV-061-004461-054 | KELLEY, NANCY A | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 609 |
| F | WV-061-004461-055 | BRAND, HAZEL K | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 611 |
| F | WV-061-004461-056 | LEWIS, LORETTA | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 613 |
| F | WV-061-004461-057 | LEWIS, LISA K. | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 615 |
| F | WV-061-004461-058 | LEWIS, LENA F. | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 617 |
| F | WV-061-004461-059 | PHILLIPS, R ET | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 619 |
| F | WV-061-004461-060 | HOVATTER, SHARO | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 165 |
| F | WV-061-004461-061 | EVANS, PAMELA K | Northeast Natural Energy LLC | 12.5% or Greater | 1647 | 765 |
| F | WV-061-004461-062 | STATLER, PATRIC | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 237 |
| F | WV-061-004461-063 | STATLER, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 239 |
| F | WV-061-004461-064 | MOREHEAD, LAURA | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 171 |
| F | WV-061-004461-065 | CZAKO, LENORA A | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 173 |
| F | WV-061-004461-066 | FOLKENS, DOUGLA | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 175 |
| F | WV-061-004461-067 | WILLIS, ROLLEY | Northeast Natural Energy LLC | 12.5% or Greater | 1651 | 139 |
| F | WV-061-004461-068 | MORRIS, BARBARA | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 179 |
| F | WV-061-004461-069 | VIETS, ELLEN C | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 181 |
| F | WV-061-004461-070 | VIETS, LLOYD O | Northeast Natural Energy LLC | 12.5% or Greater | 1650 | 183 |
| F | WV-061-004461-071 | DURBIN, WILDA J | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 171 |
| F | WV-061-004461-072 | MILLER, WILMA J | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 329 |
| F | WV-061-004461-073 | MAIN, GEORGE M | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 173 |
| F | WV-061-004461-074 | ZAPPI, ALICE M | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 175 |
| F | WV-061-004461-075 | BELL, BARBARA A | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 177 |
| F | WV-061-004461-076 | TEASDALE, KYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 559 |
| F | WV-061-004461-077 | TEASDALE, DANYA | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 561 |
| F | WV-061-004461-078 | MAIN, KEANITH P | Northeast Natural Energy LLC | 12.5% or Greater | 1653 | 563 |
| F | WV-061-004461-079 | BRIGGS, HARRIET | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 331 |
| F | WV-061-004461-080 | EASTHAM, LINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1655 | 607 |
| F | WV-061-004461-081 | KELLEY, PAUL R. | Northeast Natural Energy LLC | 12.5% or Greater | 1655 | 609 |
| F | WV-061-004535-001 | HALL, CHERYL L | Northeast Natural Energy LLC | 12.5% or Greater | 1591 | 509 |
| F | WV-061-004535-002 | HALL, LUCINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1591 | 520 |
| F | WV-061-004535-003 | HALL, TAMARA L | Northeast Natural Energy LLC | 12.5% or Greater | 1591 | 513 |
| G | WV-061-003763-001 | BAUGHMAN, MARCE | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 466 |
| G | WV-061-003763-003 | STATLER, PATRIC | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 617 |
| G | WV-061-003763-004 | JOHNSON, PHYLLI | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 792 |
| G | WV-061-003763-005 | BRUNETT-SANDRID | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 747 |
| G | WV-061-003763-006 | KENNEDY, ANNA J | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 673 |

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| G | WV-061-003763-007 | STOKES, NANCY | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 675 |
| G | WV-061-003763-008 | JOHNSON, ZOA R | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 426 |
| G | WV-061-003763-009 | JOHNSON, MELVIN | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 535 |
| G | WV-061-003763-010 | MCCARTY FAMILY | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 671 |
| G | WV-061-003763-011 | SHIPLEY, STEPH | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 713 |
| G | WV-061-003763-012 | AMMONS, BUDDY B | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 659 |
| G | WV-061-003763-013 | MOORE, CARL W. | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 661 |
| G | WV-061-003763-014 | HUGGINS, ROSE M | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 669 |
| G | WV-061-003763-015 | AMMONS, DELBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 711 |
| G | WV-061-003763-016 | STEWART, PAUL T | Northeast Natural Energy LLC | 12.5% or Greater | 1562 | 209 |
| G | WV-061-003763-017 | STEWART, EARL W | Northeast Natural Energy LLC | 12.5% or Greater | 1562 | 207 |
| G | WV-061-003763-018 | ARMSTRONG, JAME | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 71 |
| G | WV-061-003763-019 | AMMONS, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 65 |
| G | WV-061-003763-020 | BROMHAL, BEVERL | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 97 |
| G | WV-061-003763-021 | JOHNSON, MARY L | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 20 |
| G | WV-061-003763-022 | HALL, MELVIN G. | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 299 |
| G | WV-061-003763-023 | CALTRIDER, ROSE | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 63 |
| G | WV-061-003763-024 | DARRAH, DEBBIE | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 67 |
| G | WV-061-003763-025 | HALL, DAVID JAR | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 73 |
| G | WV-061-003763-026 | JOHNSON, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 69 |
| G | WV-061-003763-027 | JOHNSON, JOHN R | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 89 |
| G | WV-061-003763-028 | JOHNSON, JACK J | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 204 |
| G | WV-061-003763-029 | STEWART, GRANT | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 519 |
| G | WV-061-003763-030 | GASKILL, PAULIN | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 521 |
| G | WV-061-003763-031 | TENNANT, ARIETT | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 649 |
| G | WV-061-003763-032 | STATLER, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 75 |
| G | WV-061-003763-033 | STATLER, GARY D | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 384 |
| G | WV-061-003763-034 | HALL, BETTY K | Northeast Natural Energy LLC | 12.5% or Greater | 1600 | 161 |
| G | WV-061-003763-035 | SPITZNOGLGE,ALI | Northeast Natural Energy LLC | 12.5% or Greater | 1601 | 735 |
| G | WV-061-003763-036 | DEMOSS, GARY L. | Northeast Natural Energy LLC | 12.5% or Greater | 1611 | 3 |
| G | WV-061-003763-037 | ATKINS, GREGORY | Northeast Natural Energy LLC | 12.5% or Greater | 1611 | 5 |
| G | WV-061-003763-038 | WILLARD, WANDA | Northeast Natural Energy LLC | 12.5% or Greater | 1611 | 7 |
| G | WV-061-003763-039 | BATSON, JACKIE | Northeast Natural Energy LLC | 12.5% or Greater | 1611 | 9 |
| G | WV-061-003763-040 | BRIGGS, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1611 | 11 |
| G | WV-061-003763-041 | VARNER, DONNA | Northeast Natural Energy LLC | 12.5% or Greater | 1611 | 656 |
| G | WV-061-003763-042 | RUSSELL, TERESA | Nontheast Natural Energy LLC | 12.5% or Greater | 1611 | 658 |

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| G | WV-061-003763-043 | BREWER, RUBY | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 254 |
| G | WV-061-003763-044 | HEDE, WALTER | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 526 |
| G | WV-061-003763-045 | HEDE, STEVE | Northeast Natural Energy LLC | 12.5% or Greater | 1616 | 363 |
| G | WV-061-003763-046 | ANTOL, JANET | Northeast Natural Energy LLC | 12.5% or Greater | 1615 | 763 |
| G | WV-061-003763-047 | WELLS, ALDA KAT | Northeast Natural Energy LLC | 12.5% or Greater | 1628 | 325 |
| G | WV-061-003763-048 | WELLS, WILDA V. | Northeast Natural Energy LLC | 12.5% or Greater | 1629 | 122 |
| G | WV-061-003763-049 | COLEMAN, BETH A | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 393 |
| G | WV-061-003763-050 | SPENCER, CORDEL | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 396 |
| G | WV-061-003763-051 | COLLINS, VANESS | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 399 |
| G | WV-061-003763-052 | PRICE, CHAD E | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 404 |
| G | WV-061-003763-053 | CRAMER, MELISSA | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 407 |
| G | WV-061-003763-054 | RAY, MICHAEL | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 410 |
| G | WV-061-003763-055 | HEDE, ROBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 413 |
| G | WV-061-003763-056 | TALBOT, BYRON J | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 419 |
| G | WV-061-003763-057 | TALBOT, DWIGHT | Northeast Natural Energy LLC | 12.5% or Greater | 1634 | 429 |
| G | WV-061-003763-058 | WELLS, MARSHALL | Northeast Natural Energy LLC | 12.5% or Greater | 1638 | 198 |
| G | WV-061-003763-059 | SULLIVAN, OLIVI | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 790 |
| G | WV-061-003763-060 | FOURNET, LELIA | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 792 |
| G | WV-061-003763-061 | WELLS, DAVID LE | Northeast Natural Energy LLC | 12.5% or Greater | 135 | 639 |
| G | WV-061-003763-062 | ADAMS, MELANIE | Northeast Natural Energy LLC | 12.5% or Greater | 135 | 643 |
| G | WV-061-003763-063 | BRYAN COLLEGE | Northeast Natural Energy LLC | 12.5% or Greater | 135 | 647 |
| G | WV-061-003763-064 | WELLS, ADRIAN | Northeast Natural Energy LLC | 12.5% or Greater | 135 | 651 |
| G | WV-061-004453-001 | STONE, LUCINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1584 | 817 |
| G | WV-061-004453-002 | KELSEY, SHERRY | Northeast Natural Energy LLC | 12.5% or Greater | 1584 | 819 |
| G | WV-061-004453-003 | KELSEY, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1584 | 821 |
| G | WV-061-004453-004 | BINNEY, ERIN | Northeast Natural Energy LLC | 12.5% or Greater | 1586 | 552 |
| G | WV-061-004453-005 | BINNEY, GAYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1586 | 554 |
| G | WV-061-004453-006 | BINNEY, KYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1591 | 270 |
| G | WV-061-004927-001 | BOYCE, WILLIAM | Northeast Natural Energy LLC | 12.5% or Greater | 1613 | 306 |
| G | WV-061-004927-002 | WALKER, STEPHAN | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 49 |
| G | WV-061-004927-003 | AMMONS, DONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1621 | 252 |
| G | WV-061-004927-004 | MOORE, WORLEY D | Northeast Natural Energy LLC | 12.5% or Greater | 1622 | 795 |
| G | WV-061-004950-001 | TENNANT, ELIZA | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 587 |
| G | WV-061-004950-002 | STEWART, CARL W | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 715 |
| G | WV-061-004957-001 | WEST, RICHARD E | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 633 |
| G | WV-061-004957-002 | JOHNSON, NANCY | Nontheast Natural Energy LLC | 12.5% or Greater | 1618 | 374 |

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| G | WV-061-004957-003 | STEWART, STEVEN | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 282 |
| G | WV-061-005131-001 | GANTT, LOU | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 759 |
| н | WV-061-003971-001 | MOORE, TED K. | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 659 |
| н | WV-061-003971-002 | LEMLEY, LAURA E | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 53 |
| Н | WV-061-003971-003 | MINOR, JUNE LEM | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 45 |
| н | WV-061-004360-001 | LEMLEY, LAURA E | Northeast Natural Energy LLC | 12.5% or Greater | 1576 | 484 |
| 1 | WV-061-004059-000 | MOORE, DANIEL | Chartiers Oil Co. | 12.5% or Greater | See Leaseho | ld Chain |
| J | WV-061-003644-001 | JOHNSON, JOHN R | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 481 |
| J | WV-061-003644-002 | JOHNSON, MELVIN | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 300 |
| J | WV-061-003644-003 | KENNEDY, ANNA J | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 479 |
| J | WV-061-003644-004 | DARRAH, DEBBIE | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 404 |
| J | WV-061-003644-005 | CONAWAY, MARY | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 406 |
| J | WV-061-003644-006 | CARTWRIGHT, ROS | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 485 |
| J | WV-061-003644-007 | JOHNSON, ZOE | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 477 |
| J | WV-061-003665-001 | ANTOL, JANET | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 400 |
| J | WV-061-003665-002 | AMMONS, BUDDY B | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 798 |
| J | WV-061-003665-003 | AMMONS, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 679 |
| J | WV-061-003665-004 | AMMONS, DELBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 749 |
| J | WV-061-003665-005 | MCCARTY FAMILY | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 677 |
| J | WV-061-003665-006 | WALKER, STEPHAN | Northeast Natural Energy LLC | 12.5% or Greater | 1553 | 212 |
| J | WV-061-003665-007 | BINNEY, ERIN AN | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 39 |
| Ĵ | WV-061-003665-008 | KELSEY, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 85 |
| J | WV-061-003665-009 | STONE, LUCINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 685 |
| J | WV-061-003665-010 | KELSEY, SHERRY | Northeast Natural Energy LLC | 12.5% or Greater | 1576 | 451 |
| J | WV-061-003665-011 | BINNEY, GAYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 104 |
| J | WV-061-003665-012 | BINNEY, KYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1567 | 823 |
| J | WV-061-003665-013 | AMMONS, DONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 69 |
| J | WV-061-003667-001 | SHIPLEY, STEPHA | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 354 |
| J | WV-061-003667-002 | BREWER, RUBY | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 344 |
| J | WV-061-003667-003 | STOKES, NANCY | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 455 |
| J | WV-061-003667-004 | STEWART, PAUL T | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 266 |
| J | WV-061-003667-005 | STEWART, CARL | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 352 |
| J | WV-061-003667-006 | TENNANT, ELIZAB | Northeast Natural Energy LLC | 12.5% or Greater | 1540 | 258 |
| J | WV-061-003667-007 | HUGGINS, ROSE | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 453 |
| J | WV-061-003667-008 | GASKILL, PAULIN | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 385 |
| J | WV-061-003667-009 | JOHNSON, PHYLLI | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 275 |

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| J | WV-061-003667-010 | BAUGHMAN, MARCE | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 81 |
| J | WV-061-003667-011 | BROMHAL, BEVERL | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 72 |
| J | WV-061-003667-012 | ARMSTRONG, JAME | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 94 |
| J | WV-061-003667-013 | STEWART, GRANT | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 402 |
| J | WV-061-003667-014 | JOHNSON, JACK J | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 519 |
| J | WV-061-003667-015 | MOORE, CARL W. | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 382 |
| J | WV-061-003667-016 | STEWART, EARL | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 388 |
| J | WV-061-003672-001 | ATKINS, GREGORY | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 323 |
| J | WV-061-003672-002 | DEMOSS, GARY L. | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 321 |
| J | WV-061-003672-003 | BRIGGS, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 335 |
| J | WV-061-003672-004 | WILLARD, WANDA | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 767 |
| J | WV-061-003672-005 | DEMOSS, RONNIE | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 341 |
| J | WV-061-003672-006 | RUSSELL, TERESA | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 325 |
| J | WV-061-003672-007 | BATSON, JACKIE | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 120 |
| J | WV-061-004928-001 | BOYCE, WILLIAME | Northeast Natural Energy LLC | 12.5% or Greater | 1613 | 308 |
| J | WV-061-004957-001 | WEST, RICHARD E | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 633 |
| J | WV-061-004957-002 | JOHNSON, NANCY | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 374 |
| J | WV-061-004957-003 | STEWART, STEVEN | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 282 |
| 1 | WV-061-005131-001 | GANTT, LOU | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 759 |
| J | WV-061-005222-001 | HEDE, STEVE | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 214 |
| J | WV-061-005423-001 | HALL, BETTY K | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 356 |
| J | WV-061-005423-002 | HALL, MELVIN ET | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 334 |
| J | WV-061-005423-003 | SPITZNOGLE, ALI | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 39 |
| J | WV-061-005423-004 | HALL, MARY K | Northeast Natural Energy LLC | 12.5% or Greater | 1652 | 255 |
| J | WV-061-005446-001 | STATLER, PATRIC | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 436 |
| J | WV-061-005446-002 | BRUNETT-SANDRID | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 438 |
| Ĵ | WV-061-005446-003 | MOORE, BRUCE | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 51 |
| 1 | WV-061-005446-004 | MOORE, JASON | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 53 |
| J | WV-061-005446-005 | WORLEY MOORE ES | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 114 |
| K | WV-061-003746-001 | ANTOL, JANET | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 2: |
| К | WV-061-003746-002 | JOHNSON, ZOE | Northeast Natural Energy LLC | 12.5% or Greater | 1572 | 632 |
| К | WV-061-003746-003 | MCCARTY FAMILY | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 68: |
| К | WV-061-003746-004 | WALKER, STEPHAN | Northeast Natural Energy LLC | 12.5% or Greater | 1559 | 148 |
| К | WV-061-003746-005 | AMMONS, DONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 9: |
| К | WV-061-003746-006 | TENNANT, ARIETT | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 730 |
| К | WV-061-003746-007 | STATLER, GARY D | Nontheast Natural Energy LLC | 12.5% or Greater | 1560 | 457 |

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| К | WV-061-003746-008 | STATLER, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 92 |
| <u>K</u> | WV-061-003746-009 | CALTRIDER, ROSE | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 839 |
| К | WV-061-004848-001 | DARRAH, DEB ETV | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 295 |
| К | WV-061-004848-002 | JOHNSON, MARY L | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 297 |
| К | WV-061-004848-003 | JOHNSON, PHYLLI | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 299 |
| К | WV-061-004848-004 | JOHNSON, NELLIE | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 301 |
| К | WV-061-004848-005 | BREWER, RUBY ET | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 303 |
| К | WV-061-004848-006 | HUGGINS, ROSE | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 305 |
| K | WV-061-004848-007 | BROMHAL, BEVERL | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 307 |
| К | WV-061-004848-008 | STEWART, GRANT | Northeast Natural Energy LLC | 12.5% or Greater | 16123 | 9 |
| К | WV-061-004848-009 | GASKILL, PAULIN | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 25 |
| К | WV-061-004848-010 | JOHNSON, JOHN R | Northeast Natural Energy LLC | 12.5% or Greater | 1611 | 829 |
| К | WV-061-004848-011 | SHIPLEY, STEPHA | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 27 |
| К | WV-061-004848-012 | STEWART, EARL W | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 563 |
| К | WV-061-004848-013 | STOKES, NANCY J | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 565 |
| К | WV-061-004848-014 | ARMSTONG, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1616 | 134 |
| К | WV-061-004848-015 | CARROLL, LOXI A | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 332 |
| К | WV-061-004848-016 | KENNEDY, ROBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 334 |
| К | WV-061-004848-017 | STEWART, PAUL T | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 631 |
| К | WV-061-004848-018 | ATKINS, GREGORY | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 13 |
| К | WV-061-004848-019 | WILLARD, WANDA | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 15 |
| К | WV-061-004848-020 | BATSON, JACKIE | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 17 |
| К | WV-061-004848-021 | AMMONS, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 19 |
| К | WV-061-004848-022 | AMMONS, BUDDY | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 21 |
| К | WV-061-004848-023 | DEMOSS, GARY L. | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 23 |
| К | WV-061-004848-024 | RUSSELL, TERESA | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 25 |
| К | WV-061-004848-025 | LONG, DIANE LYN | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 367 |
| К | WV-061-004848-026 | AMMONS, DELBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 369 |
| К | WV-061-004848-027 | MOORE, DONNY L | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 371 |
| К | WV-061-004848-028 | MOORE, DALE L. | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 373 |
| К | WV-061-004848-029 | MOORE, DAVID W. | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 375 |
| К | WV-061-004848-030 | MOORE, DANNY KE | Northeast Natural Energy LLC | 12.5% or Greater | 1628 | 448 |
| К | WV-061-004928-001 | BOYCE, WILLIAME | Northeast Natural Energy LLC | 12.5% or Greater | 1613 | 308 |
| К | WV-061-004950-001 | TENNANT, ELIZA | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 587 |
| К | WV-061-004950-002 | STEWART, CARL W | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 715 |
| К | WV-061-004957-001 | WEST, RICHARD E | Nontheast Natural Energy LLC | 12.5% or Greater | 1614 | 633 |

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| К | WV-061-004957-002 | JOHNSON, NANCY | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 374 |
| К | WV-061-004957-003 | STEWART, STEVEN | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 282 |
| К | WV-061-005131-001 | GANTT, LOU | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 759 |
| К | WV-061-005152-001 | KELSEY, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 108 |
| К | WV-061-005152-002 | BINNEY, GAYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 110 |
| К | WV-061-005152-003 | KELSEY, SHERRY | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 112 |
| К | WV-061-005152-004 | STONE, LUCINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 114 |
| К | WV-061-005152-005 | BINNEY, KYLE ET | Northeast Natural Energy LLC | 12.5% or Greater | 1623 | 154 |
| К | WV-061-005152-006 | BINNEY, ERIN ET | Northeast Natural Energy LLC | 12.5% or Greater | 1623 | 156 |
| К | WV-061-005222-001 | HEDE, STEVE | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 214 |
| К | WV-061-005423-001 | HALL, BETTY K | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 356 |
| К | WV-061-005423-002 | HALL, MELVIN ET | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 334 |
| К | WV-061-005423-003 | SPITZNOGLE, ALI | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 39 |
| К | WV-061-005423-004 | HALL, MARY K | Northeast Natural Energy LLC | 12.5% or Greater | 1652 | 255 |
| К | WV-061-005446-001 | STATLER, PATRIC | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 436 |
| К | WV-061-005446-002 | BRUNETT-SANDRID | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 438 |
| К | WV-061-005446-003 | MOORE, BRUCE | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 51 |
| К | WV-061-005446-004 | MOORE, JASON | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 53 |
| К | WV-061-005446-005 | WORLEY MOORE ES | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 114 |
| L | WV-061-003746-001 | ANTOL, JANET | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 22 |
| L | WV-061-003746-002 | JOHNSON, ZOE | Northeast Natural Energy LLC | 12.5% or Greater | 1572 | 632 |
| L | WV-061-003746-003 | MCCARTY FAMILY | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 681 |
| Ľ. | WV-061-003746-004 | WALKER, STEPHAN | Northeast Natural Energy LLC | 12.5% or Greater | 1559 | 148 |
| L | WV-061-003746-005 | AMMONS, DONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 91 |
| L | WV-061-003746-006 | TENNANT, ARIETT | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 736 |
| L | WV-061-003746-007 | STATLER, GARY D | Northeast Natural Energy LLC | 12.5% or Greater | 1560 | 457 |
| L | WV-061-003746-008 | STATLER, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 92 |
| L | WV-061-003746-009 | CALTRIDER, ROSE | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 839 |
| Ľ | WV-061-004848-001 | DARRAH, DEB ETV | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 295 |
| L | WV-061-004848-002 | JOHNSON, MARY L | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 297 |
| L | WV-061-004848-003 | JOHNSON, PHYLLI | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 299 |
| L | WV-061-004848-004 | JOHNSON, NELLIE | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 301 |
| L | WV-061-004848-005 | BREWER, RUBY ET | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 303 |
| L | WV-061-004848-006 | HUGGINS, ROSE | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 305 |
| L | WV-061-004848-007 | BROMHAL, BEVERL | Northeast Natural Energy LLC | 12.5% or Greater | 1612 | 307 |
| Ĺ | WV-061-004848-008 | STEWART, GRANT | Nontheast Natural Energy LLC | 12.5% or Greater | 1612 | g |

| Tract | Lease Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book | Page |
|-------|-------------------|-----------------------|------------------------------|------------------|------|------|
| L | WV-061-004848-009 | GASKILL, PAULIN | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 25 |
| L | WV-061-004848-010 | JOHNSON, JOHN R | Northeast Natural Energy LLC | 12.5% or Greater | 1611 | 829 |
| L | WV-061-004848-011 | SHIPLEY, STEPHA | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 27 |
| L | WV-061-004848-012 | STEWART, EARL W | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 563 |
| L | WV-061-004848-013 | STOKES, NANCY J | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 565 |
| L | WV-061-004848-014 | ARMSTONG, JAMES | Northeast Natural Energy LLC | 12.5% or Greater | 1616 | 134 |
| L | WV-061-004848-015 | CARROLL, LOXI A | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 332 |
| L | WV-061-004848-016 | KENNEDY, ROBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 334 |
| L | WV-061-004848-017 | STEWART, PAUL T | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 631 |
| L | WV-061-004848-018 | ATKINS, GREGORY | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 13 |
| L | WV-061-004848-019 | WILLARD, WANDA | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 15 |
| L | WV-061-004848-020 | BATSON, JACKIE | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 17 |
| L | WV-061-004848-021 | AMMONS, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 19 |
| L | WV-061-004848-022 | AMMONS, BUDDY | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 21 |
| L | WV-061-004848-023 | DEMOSS, GARY L. | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 23 |
| L | WV-061-004848-024 | RUSSELL, TERESA | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 25 |
| L | WV-061-004848-025 | LONG, DIANE LYN | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 367 |
| L | WV-061-004848-026 | AMMONS, DELBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 369 |
| L | WV-061-004848-027 | MOORE, DONNY L | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 371 |
| L | WV-061-004848-028 | MOORE, DALE L. | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 373 |
| L | WV-061-004848-029 | MOORE, DAVID W. | Northeast Natural Energy LLC | 12.5% or Greater | 1627 | 375 |
| L | WV-061-004848-030 | MOORE, DANNY KE | Northeast Natural Energy LLC | 12.5% or Greater | 1628 | 448 |
| L | WV-061-004928-001 | BOYCE, WILLIAME | Northeast Natural Energy LLC | 12.5% or Greater | 1613 | 308 |
| L | WV-061-004950-001 | TENNANT, ELIZA | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 587 |
| L | WV-061-004950-002 | STEWART, CARL W | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 715 |
| L | WV-061-004957-001 | WEST, RICHARD E | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 633 |
| L | WV-061-004957-002 | JOHNSON, NANCY | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 374 |
| L | WV-061-004957-003 | STEWART, STEVEN | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 282 |
| L | WV-061-005131-001 | GANTT, LOU | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 759 |
| L | WV-061-005152-001 | KELSEY, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 108 |
| L | WV-061-005152-002 | BINNEY, GAYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 110 |
| L | WV-061-005152-003 | KELSEY, SHERRY | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 112 |
| L | WV-061-005152-004 | STONE, LUCINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1620 | 114 |
| L | WV-061-005152-005 | BINNEY, KYLE ET | Northeast Natural Energy LLC | 12.5% or Greater | 1623 | 154 |
| L | WV-061-005152-006 | BINNEY, ERIN ET | Northeast Natural Energy LLC | 12.5% or Greater | 1623 | 156 |
| L | WV-061-005222-001 | HEDE, STEVE | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 214 |

| Tract | Lease Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book | Page |
|-------|-------------------|-----------------------|------------------------------|------------------|------|------|
| L | WV-061-005423-001 | HALL, BETTY K | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 356 |
| L | WV-061-005423-002 | HALL, MELVIN ET | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 334 |
| L - | WV-061-005423-003 | SPITZNOGLE, ALI | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 39 |
| L | WV-061-005423-004 | HALL, MARY K | Northeast Natural Energy LLC | 12.5% or Greater | 1652 | 255 |
| L. | WV-061-005446-001 | STATLER, PATRIC | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 436 |
| L | WV-061-005446-002 | BRUNETT-SANDRID | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 438 |
| L. | WV-061-005446-003 | MOORE, BRUCE | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 51 |
| L | WV-061-005446-004 | MOORE, JASON | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 53 |
| L. | WV-061-005446-005 | WORLEY MOORE ES | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 114 |
| М | WV-061-003664-001 | ANTOL, JANET | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 290 |
| М | WV-061-003664-002 | STATLER, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 35: |
| М | WV-061-003664-003 | TENNANT, ARIETT | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 292 |
| М | WV-061-003664-004 | STATLER, GARY D | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 458 |
| М | WV-061-003664-005 | MCCARTY FAMILY | Northeast Natural Energy LLC | 12.5% or Greater | 1545 | 332 |
| М | WV-061-003664-006 | WALKER, STEPHAN | Northeast Natural Energy LLC | 12.5% or Greater | 1553 | 214 |
| М | WV-061-003664-007 | BINNEY, ERIN AN | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 16 |
| М | WV-061-003664-008 | KELSEY, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 64: |
| М | WV-061-003664-009 | KELSEY, SHERRY | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 317 |
| М | WV-061-003664-010 | STONE, LUCINDA | Northeast Natural Energy LLC | 12.5% or Greater | 1565 | 311 |
| М | WV-061-003664-011 | BINNEY, GAYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 106 |
| М | WV-061-003664-012 | BINNEY, KYLE | Northeast Natural Energy LLC | 12.5% or Greater | 1568 | 335 |
| М | WV-061-003664-013 | AMMONS, DONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 732 |
| М | WV-061-003667-001 | SHIPLEY, STEPHA | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 354 |
| М | WV-061-003667-002 | BREWER, RUBY | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 344 |
| М | WV-061-003667-003 | STOKES, NANCY | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 455 |
| М | WV-061-003667-004 | STEWART, PAUL T | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 266 |
| М | WV-061-003667-005 | STEWART, CARL | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 352 |
| М | WV-061-003667-006 | TENNANT, ELIZAB | Northeast Natural Energy LLC | 12.5% or Greater | 1540 | 258 |
| М | WV-061-003667-007 | HUGGINS, ROSE | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 453 |
| M | WV-061-003667-008 | GASKILL, PAULIN | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 385 |
| М | WV-061-003667-009 | JOHNSON, PHYLLI | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 27 |
| М | WV-061-003667-010 | BAUGHMAN, MARCE | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 8: |
| M | WV-061-003667-011 | BROMHAL, BEVERL | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 7: |
| М | WV-061-003667-012 | ARMSTRONG, JAME | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 94 |
| М | WV-061-003667-013 | STEWART, GRANT | Northeast Natural Energy LLC | 12.5% or Greater | 1538 | 402 |
| М | WV-061-003667-014 | JOHNSON, JACK J | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 519 |

| Tract | Lease Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book | Page |
|-------|-------------------|-----------------------|------------------------------|------------------|-------------|----------|
| М | WV-061-003667-015 | MOORE, CARL W. | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 382 |
| Μ | WV-061-003667-016 | STEWART, EARL | Northeast Natural Energy LLC | 12.5% or Greater | 1564 | 388 |
| Μ | WV-061-003672-001 | ATKINS, GREGORY | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 323 |
| Μ | WV-061-003672-002 | DEMOSS, GARY L. | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 321 |
| М | WV-061-003672-003 | BRIGGS, KENNETH | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 335 |
| Μ | WV-061-003672-004 | WILLARD, WANDA | Northeast Natural Energy LLC | 12.5% or Greater | 1542 | 767 |
| М | WV-061-003672-005 | DEMOSS, RONNIE | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 341 |
| М | WV-061-003672-006 | RUSSELL, TERESA | Northeast Natural Energy LLC | 12.5% or Greater | 1541 | 325 |
| М | WV-061-003672-007 | BATSON, JACKIE | Northeast Natural Energy LLC | 12.5% or Greater | 1566 | 120 |
| М | WV-061-003675-001 | AMMONS, RONALD | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 70 |
| М | WV-061-003675-002 | AMMONS, BUDDY | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 341 |
| М | WV-061-003675-003 | AMMONS, DELBERT | Northeast Natural Energy LLC | 12.5% or Greater | 1539 | 279 |
| М | WV-061-004928-001 | BOYCE, WILLIAME | Northeast Natural Energy LLC | 12.5% or Greater | 1613 | 308 |
| М | WV-061-004957-001 | WEST, RICHARD E | Northeast Natural Energy LLC | 12.5% or Greater | 1614 | 633 |
| М | WV-061-004957-002 | JOHNSON, NANCY | Northeast Natural Energy LLC | 12.5% or Greater | 1618 | 374 |
| М | WV-061-004957-003 | STEWART, STEVEN | Northeast Natural Energy LLC | 12.5% or Greater | 1649 | 282 |
| М | WV-061-005222-001 | HEDE, STEVE | Northeast Natural Energy LLC | 12.5% or Greater | 1637 | 214 |
| М | WV-061-005423-001 | HALL, BETTY K | Northeast Natural Energy LLC | 12.5% or Greater | 1641 | 356 |
| М | WV-061-005423-002 | HALL, MELVIN ET | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 334 |
| М | WV-061-005423-003 | SPITZNOGLE, ALI | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 39 |
| М | WV-061-005423-004 | HALL, MARY K | Northeast Natural Energy LLC | 12.5% or Greater | 1652 | 255 |
| М | WV-061-005446-001 | STATLER, PATRIC | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 436 |
| Μ | WV-061-005446-002 | BRUNETT-SANDRID | Northeast Natural Energy LLC | 12.5% or Greater | 1643 | 438 |
| Μ | WV-061-005446-003 | MOORE, BRUCE | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 51 |
| М | WV-061-005446-004 | MOORE, JASON | Northeast Natural Energy LLC | 12.5% or Greater | 1648 | 53 |
| М | WV-061-005446-005 | WORLEY MOORE ES | Northeast Natural Energy LLC | 12.5% or Greater | 1654 | 114 |
| N | WV-061-004056-000 | WRIGHT, D.R. | McDermott, Joseph H. | 12.5% or Greater | See Leaseho | ld Chain |

Environmental Protection Office of Oil and Gas APR 3 0 2019

| Grantor, Lessor, etc. | Grantee, Lessee, etc. | Book Type Book No. Page No. | Book No. | Page No. |
|------------------------------------|-------------------------------|-----------------------------|----------|----------|
| Daniel Moore | Chartiers Oil Co. | Deed | 52 | 24 |
| Chartiers Oil Co. | Monongahela Nat. Gas Co. | Deed | 110 | 394 |
| Monongahela Nat. Gas Co. | Pittsburgh and WV Gas Co. | Deed | 138 | 131 |
| Pittsburgh and WV Gas Co. | William J. Snider | Deed | 201 | 390 |
| William J. Snider | Moore-Tex Oil Co. | Deed | 201 | 406 |
| Moore-Tex Oil Co. | J. H. McDermott Oil Co. | Deed | 202 | 39 |
| J. H. McDermott Oil Co. by Trustee | Consolidation Oil and Gas Co. | Deed | 217 | 324 |
| Consolidation Oil and Gas Co. | Dunn-Mar Oil and Gas Co. | Deed | 327 | 341 |
| Dunn-Mar Oil and Gas Co. | Alco Oil Co. | Deed | 837 | 658 |
| Alco Oil Co. | Greenridge Oil Co. | Assignment | 12 | 651 |
| Greenridge Oil Co. | Noumenon Corp. | Assignment | 23 | 530 |
| Noumenon Corp. | Mark Eddy et al | Assignment | 24 | 85 |
| Mark Eddy et al | Northeast Natural Energy, LLC | Assignment | 128 | 1 |
| | | | | |

RECEIVED Office of Oil and Gas

05/31/2019 4706101842

APR 3 0 2019

WV Department of Environmental Protection



| Grantor, Lessor, etc. | Grantee, Lessee, etc. | Book Type | Book No. | Page No. |
|-------------------------------|-------------------------------|------------|----------|----------|
| D. R. Wright | Consolidation Oil and Gas Co. | Deed | 327 | 191 |
| Consolidation Oil and Gas Co. | Dunn-Mar Oil and Gas Co. | Deed | 327 | 341 |
| Dunn-Mar Oil and Gas Co. | Alco Oil Co. | Deed | 837 | 658 |
| Alco Oil Co. | Greenridge Oil Co. | Assignment | 12 | 651 |
| Greenridge Oil Co. | Noumenon Corp. | Assignment | 23 | 530 |
| Noumenon Corp. | Mark Eddy et al | Assignment | 24 | 85 |
| Mark Eddy et al | Northeast Natural Energy, LLC | Assignment | 128 | 1 |

RECEIVED Office of Oil and Gas

APR 3 0 2019

WV Department of Environmental Protection

4706101842 05/31/2019



April 17, 2019

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

Re: Lemley North (1H, 3H, 5H, 7H, and 9H)

Dear Permit Reviewer:

Please be advised that Northeast Natural Energy LLC has the right to drill, extract, and produce the minerals beneath the roads identified as Long Drain Road (22) and Jakes Run Road (29) on the enclosed survey plats.

Sincerely,

Christa A. Dotson Supervisor – Land Operations Development

Enclosure

RECEIVED Office of Oil and Gas

APR 3 0 2019

WV Department of Environmental Protection

WW-6AC (1/12)

05/31/2019

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS <u>NOTICE CERTIFICATION</u>

1.000.000

| Date of N | otice Certification: 04/17/2019 | API No. 4/ | |
|------------|---|--|--------|
| | | Operator's Well No. 3H | |
| | | Well Pad Name: Lemley | |
| Notice h: | as been given: | | |
| Pursuant t | 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: | | |
| States | West Virginia | Fasting: 573975.9 | |

| State: | west virginia | TITA (DIAD 02 Cashing | , 015515.5 |
|-------------|-----------------|-------------------------|----------------|
| County: | Monongalia | UTM NAD 83 Northin | g; 4391580.4 |
| District: | Clay | Public Road Access: | State Route 22 |
| Quadrangle: | Blacksville, WV | Generally used farm nam | e: Lemley |
| Watershed: | Dunkard Creek | | |
| | | | |

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 by the applicant.

| Pursuant to West Virginia Code § 22-6A, the Op that the Operator has properly served the require *PLEASE CHECK ALL THAT APPLY | perator has attached proof to this Notice Certification ad parties with the following: | OOG OFFICE USE ONLY |
|---|---|--------------------------|
| □ 1. NOTICE OF SEISMIC ACTIVITY or | NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED | RECEIVED/ |
| ■ 2. NOTICE OF ENTRY FOR PLAT SURV | /EY or D NO PLAT SURVEY WAS CONDUCTED | RECEIVED |
| 3. NOTICE OF INTENT TO DRILL OF | □ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or | |
| | WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH) | 30 2019 |
| 4. NOTICE OF PLANNED OPERATION | | Environmental Protection |
| ■ 5. PUBLIC NOTICE | | RECEIVED |
| 6. NOTICE OF APPLICATION | | C RECEIVED |

Required Attachments:

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

WW-6AC (1/12)

Certification of Notice is hereby given:

THEREFORE, I _______, 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 LLC | Address: | 707 Virginia St. E, Suite 1200 | |
|----------------|--|------------|--------------------------------|---------------|
| By: | Hollie Medley | | Charleston, WV 25301 | |
| Its: | Regulatory Manager | Facsimile: | 304-241-5972 | |
| Telephone: | 304-212-0422 | Email: | hmedley@nne-llc.com | |
| | OFFICIAL SEAL NOTAC VIRGINIA STATE OF WEST VIRGINIA Kristen Brooks Northeast Natural Energy LLC 48 Donley St., Suite 601 Morgantown, WV 26501 My Commission Expires Aug. 10. 2023 | | ten Proofio | Notary Public |

Oil and Gas Privacy Notice:

Office of Oil and Gas APR 30 2019 WV Department of Environmental Protection

WW-6A (9-13)

| 4706101842 |
|-----------------------|
| API NO. 47 05/31/2019 |
| OPERATOR WELL NO. 3H |
| Well Pad Name: Lemley |
| |

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS <u>NOTICE OF APPLICATION</u>

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

Date of Notice: 4/17/2019 Date Permit Application Filed: 4/29/2019

| Not | ice of: | | | |
|-------|----------------------------|---------------------------|----------|--|
| 2 | PERMIT FOR AN WELL WORK | | | DF APPROVAL FOR THE N OF AN IMPOUNDMENT OR PIT |
| Deli | ivery method pursu | ant to West Virginia C | ode § 22 | -6A-10(b) |
| | PERSONAL SERVICE | REGISTERED MAIL | | METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION |
| certi | ficate of approval for | the construction of an in | npoundme | ing date of the application, the applicant for a permit ant or pit as required by this article shall deliver, by per- perceipt or signature confirmation, copies of the applic |

nit for any well work or for a 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) | ☑ COAL OWNER OR LESSEE | |
|---|--|--|
| Name: Clarence W. Jr. & Charlotte E. Lemley | Name: Consol Mining Company LLC | |
| Address: 239 Lemiey Hollow | Address: 1000 Consol Energy Drive | |
| Core, WV 26529 | Canonsburg, PA 15317 | |
| Name: | COAL OPERATOR | |
| Address: | Name: | |
| | Address: | APR 2 |
| SURFACE OWNER(s) (Road and/or, Other Disturbance) | | "Ce of Oil SED |
| Name: Donald Stull et al | SURFACE OWNER OF WATER WELL | APR 30 2019 |
| Address: 162 Stull Hollow Road | AND/OR WATER PURVEYOR(s) | 1 50 22 |
| Core, WV 26541 | Name: William D. Statler | En WD |
| Name: | Address: 578 Long Drain Rd. | WV Department of Environmental Protection |
| Address: | Core, WV 26529 | - Protection |
| | OPERATOR OF ANY NATURAL GAS ST | ORAGE FIELD |
| URFACE OWNER(s) (Impoundments or Pits) | Name: | |
| Name: | Address: | |
| Address: | | |
| | *Please attach additional forms if necessary | |

4706101842 API NO. 47-OPERATOR WELL NO. 3H Well Pad Name: Lemley

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 gualified to test water.

Office of Oil and Gas any 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.

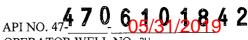
Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purvey. Wer erightment of to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination of Protection deprivation of 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 <u>www.dep.wv.gov/oil-and-gas/pages/default.aspx</u>.

Well Location Restrictions

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

WW-6A (8-13)



OPERATOR WELL NO. <u>3H</u> Well Pad Name: Lemley

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 with the secretary as to 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

APR 3 0 2019

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.

WW-6A (8-13)

API NO. 47 0 6 05/31/2049 OPERATOR WELL NO. 3H Well Pad Name: Lernley

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-

<u>Permits/Pages/default.aspx</u> 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.

APR 3 0 2019

WV Department of Environmental Protection WW-6A (8-13)

| API NO. | 47- | 0 | 6 | 1/39 | /20994 | 2 |
|--------------------|-------|------|-------|------|--------|---|
| OPERAT Well Pad | OR WE | ELLI | NO. 3 | | | |

Notice is hereby given by:

| Well Operat | Or: Northeast Natural Energy LLC |
|-------------|----------------------------------|
| Telephone: | |
| | ey@nne-llc.com |

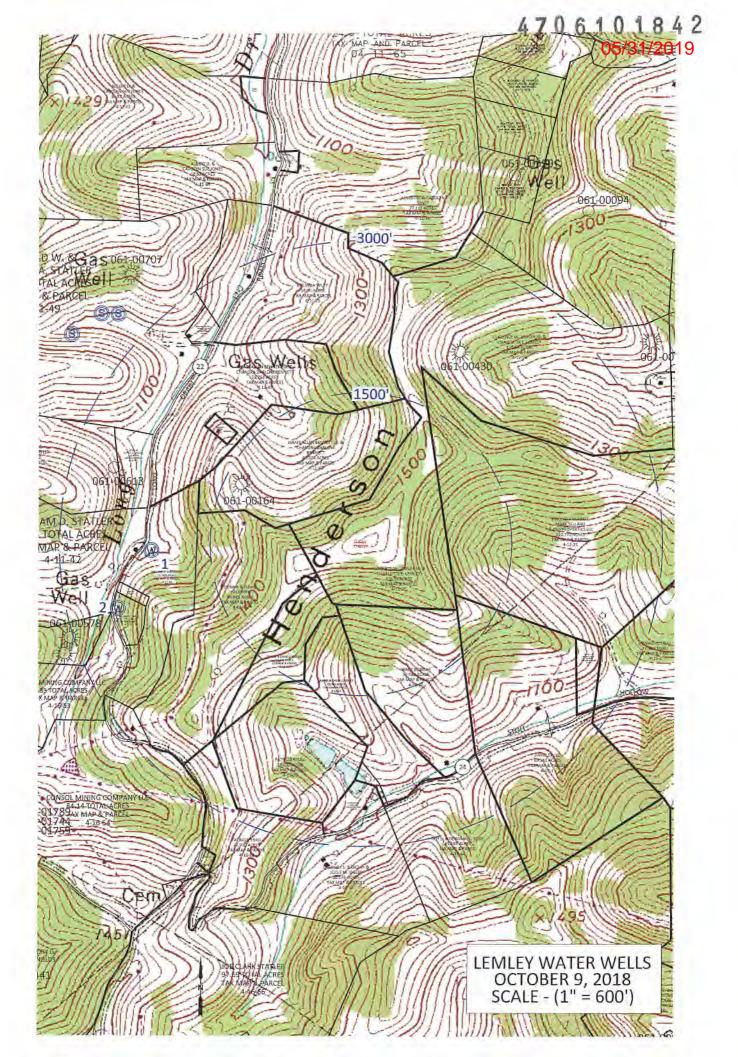
| Char | eston, WV 25301 | |
|----------|-----------------|--|
| accimile | 304-241-5972 | |

Oil and Gas Privacy Notice:

| | 12 |
|--|----|
| OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Kristen Brooks Northeast Natural Energy LLC 48 Donley St., Suite 601 Morgantown, WV 26501 My Commission Expres Aug 10 20.3 | |

| Subscribed and sworn before me this $\underline{2}$ | 2NOL April 2019 |
|---|-------------------|
| Subscribed and sworn before me this 2 | ay of April 2011. |
| Kristen Broo | |
| My Commission Expires Aug | 0,2023 |
| 0 | |

RECEIVED Office of Oil and Gas APR 3 0 2019 WV Department of Environmental Protection



Operator Well No. Lemley

4706101842

| WW-6A3 | ł |
|--------|---|
| (1/12) | |

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: July 2, 2018 Date of Planned Entry: July 13, 2018 Delivery method pursuant to West Virginia Code § 22-6A-10a REGISTERED ☐ METHOD OF DELIVERY THAT REOUIRES A D PERSONAL RECEIPT OR SIGNATURE CONFIRMATION SERVICE MAIL 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) COAL OWNER OR LESSEE Name: see attached Name: see allached Address: Address: Name: MINERAL OWNER(s) Address: Name: see attached Name: Address: 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 Approx. Latitude & Longitude: 39.670947, -80.137361 County: Monongalia Public Road Access: Long Drain Road (CR 22) District: Watershed: Clay Dunkard Creek Quadrangle: Blacksville Generally used farm name: Lemley Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be

obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

| Well Operator: | Northeast Natural Energy LLC | Address: | 707 Virginia Street East, Suite 1200 | |
|----------------|------------------------------|------------|--------------------------------------|--|
| Telephone: | 304.212.0422 | | Charleston, WV 25301 | |
| Email: | hmedley@nne-llc.com | Facsimile: | 304.241.5972 | |

Oil and Gas Privacy Notice:

| Ownership Type | Name | Address | | | |
|----------------|--|---|-----------------|----|-------|
| Surface Owner | Clarence W. Lemley Jr. and Charlotte E. Lemley | 239 Lemley Hollow | Core | Ŵ | 26541 |
| Coal Owner | CNX RCPC LLC | CNX Center, 1000 Consol Energy Drive | Canonsburg | PA | 15317 |
| Coal Owner | Murray American Energy Inc. | 46226 National Road | St. Clairsville | НО | 43950 |
| Mineral Owner | William Henderson | P.O. Box 73 | Pursglove | W | 26546 |
| Mineral Owner | William B. Core | 626 Lakes Drive | Tahlequah | ð | 74464 |
| Mineral Owner | Stephanie Ann McCarver | 915 West Broad Street | Griffin | GA | 30223 |
| Mineral Owner | Sheila Cosner | 19 Terrace View Drive | Morgantown | Ŵ | 26508 |
| Mineral Owner | Shawna Charvat | 67 West 14th Street | Ashland | но | 44805 |
| Mineral Owner | Rose Marie Stewart Malott | 2942 Little Indian Creek Road | Core | ž | 26570 |
| Mineral Owner | Ronald Lee Veselenak | 61642 Patton Hollow Road | Cambridge | НО | 43725 |
| Mineral Owner | Ronald L. Eddy | 447 NE Canoe Park Circle | Port St. Lucie | ΕĽ | 34983 |
| Mineral Owner | Paula Kay Jenkins | 3890 Mason Dixon Highway | Core | Ŵ | 26541 |
| Mineral Owner | Pachira Energy, LLC | 5150 North Tamiami Trail; Newgate Tower, Naples Suite 205 | Naples | FL | 34103 |
| Mineral Owner | Lloyd M. Lohr | 243 Haines Ridge Road | Mount Morris | ΡA | 15349 |
| Mineral Owner | Linda Lou Hinebaugh Hickman | P.O. Box 344 | Waynesburg | PA | 15370 |
| Mineral Owner | Leroy Tennant | 2960 Little Indian Creek Road | Core | Ŵ | 26541 |
| Mineral Owner | Larry Henderson | 419 Henderson Hollow Road | Core | Ŵ | 26541 |
| Mineral Owner | Larry and Nora Lou Dodd | P.O. Box 186 | Colliers | Ŵ | 26035 |
| Mineral Owner | Keith A. Tennant | 131 West First Street | Westover | Ŵ | 26501 |
| Mineral Owner | June Core Myers Living Trust | 332 Oakland Street | Morgantown | Ŵ | 26505 |
| Mineral Owner | Judith McJessy | P.O. Box 133 | Buffalo | Ю | 43722 |
| Mineral Owner | Jesse James Henderson | 5583 Treetop Court | Parma | НО | 44134 |
| Mineral Owner | Jennifer Lee Henderson | 67 West 14th Street | Ashland | НО | 44805 |
| Mineral Owner | Christopher Allen Tyner | 1810 Nichols Road | Akron | НО | 44312 |
| Mineral Owner | Charles Lawrence Core | 3450 N. Commerce Street; Apt. 604 | Ardmore | У | 73401 |
| Mineral Owner | Beverly J. Core | 1159 Smokey Drain Road | Core | Ŵ | 26541 |
| Mineral Owner | Alpheus M. Henderson | 260 Henderson Hollow Road | Core | Ŵ | 26541 |
| | | | | | |

05/31/2019

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

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:
 04/17/2019

 Date Permit Application Filed:
 04/29/2019

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

| HAND | CERTIFIED MAIL |
|----------|--------------------------|
| DELIVERY | 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):

| Clarence W Jr & Charlotte E Lemley | | Name: |
|------------------------------------|-------------------|-------------------|
| 239 Lemley Hollow | / | Address: |
| Core WV 26529 | / | |
| 1 | 239 Lemley Hollow | 239 Lemley Hollow |

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 | LITMANAD 82 | Easting: | 573975.9 | |
|-------------|---------------|------------------|-----------|---------------------------------|--|
| County: | Monongalia | UTM NAD 83 | Northing: | 4391580.4 | |
| District: | Clay | Public Road Acc | cess: | County Route 22/Long Drain Road | |
| Quadrangle: | Blacksville | Generally used f | arm name: | Lemley | |
| 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 | Authorized Representative: | Office OFENER |
|----------------|---------------------------------|----------------------------|---------------|
| Address: | 707 Virginia St. E., Suite 1200 | Address: | App App Gas |
| | Charleston, WV 25301 | | APR 30 22 |
| Telephone: | 304-414-7060 | Telephone: | - War 2019 |
| Email: | hmedley@nne-llc.com | Email: | Environment |
| Facsimile: | 304-241-5972 | Facsimile: | Protection |
| | | | |

Oil and Gas Privacy Notice:

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:
 04/17/2019

 Date Permit Application Filed:
 04/29/2019

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: | Clarence W. Jr. & Charlotte E. Lemley | | Name: |
|----------|---------------------------------------|---|----------|
| Address: | 239 Lemley Hollow | / | Address: |
| | Core, WV 26529 | | |
| | | | |

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: | West Virginia | LITANAD 02 E | asting: | 573975.9 | |
|-------------|---------------|---------------------|-----------|------------------------------|--|
| County: | Monongalia | UTM NAD 83 | lorthing: | 4391580.4 | |
| District: | Clay | Public Road Access | s: | County Road 22/Long Drain Rd | |
| Quadrangle: | Blacksville | Generally used farm | n name: | Lemley | |
| Watershed. | Dunkard Greek | | | | |

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 <u>www.dep.wv.gov/oil-and-gas/pages/default.aspx</u>.

| Well Operator: | Northeast Natural Energy LLC | Address: | 707 Virginia St. E., Suite 1200 | |
|----------------|------------------------------|------------|---------------------------------|--|
| Telephone: | 304-414-7060 | | Charleston, WV 25301 | |
| Email: | hmedley@nne-llc.com | Facsimile: | 304-241-5972 | |

Oil and Gas Privacy Notice:

470 05131/208942



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION **Division of Highways** 1900 Kanawha Boulevard East • Building Five • Room 110

Charleston, West Virginia 25305-0430 • (304) 558-3505

January 30, 2019

Thomas J. Smith, P. E. Secretary of Transportation/ **Commissioner of Highways**

Jill M. Newman **Deputy Commissioner**

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 Lemley Pad, Monongalia County

Lemley 3H

Dear Mr. Martin,

This well site will be accessed from a permit #04-2018-1373 issued to Northeast Natural Energy Corporation for access to the State Road for a well site located off of Monongalia Route 22 SLS.

The operator has signed a DISTRICT WIDE 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 revised October 1, 2018.

Very Truly Yours,

Day K. Clayton

Gary K. Clayton, P.E. **Regional Maintenance Engineer** Central Office O&G Coordinator

Cc: Kristen Brooks Northeast Natural Energy Corporation CH, OM, D-4 File

Office of Oil and Gas Environmental Protection

÷.

Planned Additives to be used in Fracturing Stimulations

| Trade Name | Purpose | Ingredients | Cemical Abstract Service Numner (CAS#) |
|-----------------------|---------------------|--|---|
| Water | Carrier | Water | 7732-18-5 |
| HCl, 10.1-15% | Acidizing | Hydrochloric Acid Water | 7647-01-0 7732-18-5 |
| Alpha 1427 | Biocide | Alkyl Dimethyl Benzyl Ammonium Chloride (C12-16) Ethanol Glutaraldehyde Quaternary Ammonium Chloride Water | 68424-85-1 64-17-5 111-30-8 7173-51-5 7732-18-5 |
| Enzyme G-NE | Breaker | Hemicellulase Enzyme Concentrate Water | 9025-56-3 7732-18-5 |
| Cl-14 | Corrosion Inhibitor | Fatty Acids Methanol Olefin Polyozyalkylenes Propargyl Alcohol | NA 67-56-1 NA NA 107-19-7 |
| GW-3LDF | Gelling Agent | Guar Gum Petroleum Distillate Blend | 9000-30-0 CBI |
| FRW-18 | Friction Reducer | Hydrotreated Light Distillate | 64742-47-8 |
| Ferrotrol 300L | Iron Crontrol | Citric Acid | 77-92-9 |
| Sand, White, 40/70 | Proppant | Cystalline Silica (Quartz) | 14808-60-7 |
| Sand, White, 100 mesh | Proppant | Cystalline Silica (Quartz) | 14808-60-7 |
| Scaletrol 720 | Scale Inhibitor | Diethylene Glycol | 111-46-6 |

