

INSTRUMENT PREPARED BY
VIRGINIA GAS AND OIL BOARD

ORDER RECORDED UNDER CODE
OF VIRGINIA SECTION 45.1-361.26

V I R G I N I A:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: CNX Gas Company LLC) VIRGINIA GAS
) AND OIL BOARD
 RELIEF SOUGHT: POOLING OF INTERESTS IN)
 DRILLING UNIT N-39 LOCATED) DOCKET NO.
 IN THE OAKWOOD COALBED METHANE GAS) 00-0321-0775-03
 FIELD I PURSUANT TO VA. CODE)
 §§ 45.1-361.21 AND 45.1-361.22, FOR)
 THE PRODUCTION OF OCCLUDED NATURAL)
 GAS PRODUCED FROM COALBEDS AND ROCK)
 STRATA ASSOCIATED THEREWITH (herein)
 Collectively referred to as)
 "Coalbed Methane Gas" or "Gas"))
)
 LEGAL DESCRIPTION:)
)
 DRILLING UNIT NUMBER N-39)
 (herein "Subject Drilling Unit"))
 IN THE OAKWOOD COALBED METHANE GAS FIELD I)
 GARDEN MAGISTERIAL DISTRICT,)
 KEEN MOUNTAIN QUADRANGLE)
 BUCHANAN COUNTY, VIRGINIA)
 (the "Subject Lands" are more)
 particularly described on Exhibit)
 A, attached hereto and made a)
 part hereof))

REPORT OF THE BOARD

FINDINGS AND ORDER

1. Hearing Date and Place: This came for final hearing before the Virginia Gas and Oil board (hereafter "Board") at 9:00 a.m. on **December 19, 2017** at the at the Russell County Conference Center, Lebanon, Virginia.

2. Appearances: Mark Swartz, Esquire, of the firm Mark A. Swartz, Hilliard & Swartz LLP, appeared for the Applicant; and Paul Kugleman, Jr., Assistant Attorney General, was present to advise the Board.

3. Jurisdiction and Notice: Pursuant to Va. Code §§ 45.1-361.1 et seq., the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a search of the reasonably available sources to determine the identity and whereabouts of gas and oil owners, coal owners, mineral owners and/or potential owners, i.e., persons identified by Applicant as having ("Owner") or claiming ("Claimant") the rights to Coalbed Methane Gas in all coal seams below the Tiller Seam, including the Upper Seaboard, Greasy Creek, Middle Seaboard, Lower Seaboard, Upper Horsepen, Middle Horsepen, War Creek, Lower Horsepen, Pocahontas No. 9, Pocahontas No. 8, Pocahontas No. 7, Pocahontas No. 6, Pocahontas

No. 5, Pocahontas No. 4, Pocahontas No. 3, Pocahontas No. 2 and various unnamed coal seams, coalbeds and rock strata associated therewith (hereafter "Subject Formation") in Subject Drilling Unit underlying and comprised of Subject Lands; (2) represented it has given notice to those parties (hereafter sometimes "person(s)" whether referring to individuals, corporations, partnerships, associations, companies, businesses, trusts, joint ventures or other legal entities) entitled by Va. Code §§ 45.1-361.19 and 45.1-361.22, to notice of the Application filed herein; and (3) that the persons set forth in their Application and Notice of Hearing have been identified by Applicant through its due diligence as Owners or Claimants of Coalbed Methane Gas interests underlying Subject Drilling Unit and that the persons identified in **Exhibit B-3** attached hereto are persons identified by Applicant who may be Owners or Claimants of Coalbed Methane Gas interests in Subject Formation who have not heretofore agreed to lease or sell to the Applicant and/or voluntarily pool their Gas interests. Conflicting Gas Owners/Claimants in Subject Drilling Unit are listed on **Exhibit E**. Further, the Board has caused notice of this hearing to be published as required by Va. Code § 45.1-361.19.B. Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of due process.

4. Amendments: **None**

5. Dismissals: **None**

6. Relief Requested: Applicant requests (1) that pursuant to Va. Code § 45.1-361.22, including the applicable portions of Va. Code § 45.1-361.21, the Board pool all the rights, interests and estates in and to the Gas in Subject Drilling Unit, including the pooling of the interests of the Applicant and of the known and unknown persons named in **Exhibit B-3** hereto and that of their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the drilling and operation, including production, of Coalbed Methane Gas, produced from or allocated to the Subject Drilling Unit established for the Subject Formation underlying and comprised of the Subject Lands, (hereafter sometimes collectively identified and referred to as "Well Development and/or Operation in the Subject Drilling Unit"), and (2) that the Board designate **CNX Gas Company LLC** as as Unit Operator.

7. Relief Granted: The Applicant's requested relief in this cause be and hereby is granted: (1) Pursuant to Va. Code § 45.1-361.21.C.3, **CNX Gas Company LLC** hereafter "Unit Operator" is designated as the Unit Operator authorized to drill and operate the Coalbed Methane Gas well in the Subject Drilling Unit at the location depicted on the plat attached hereto as **Exhibit A**, subject to the permit provisions contained in Va. Code §§ 45.1-361.27 et seq.; to the Oakwood Coalbed Methane Gas Field I Order OGCB 3-90, dated May 18, 1990, as amended; to §§ 4 VAC 25-150 et seq., Gas and Oil Regulations; and to §§ 4 VAC 25-160 et seq., Virginia Gas and Oil Board Regulations, all as amended from time to time, and (2) all the interests and estates in and to the Gas in Subject Drilling Unit, including that of the Applicant and of the known and unknown persons listed on **Exhibit B-3**, attached hereto and made a part hereof, and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, be and hereby are pooled in the Subject

Formation in the Subject Drilling Unit underlying and comprised of the Subject Lands.

Pursuant to the Oakwood I Field Rules promulgated under the authority of Va. Code § 45.1-361.20, the Board has adopted the following method for the calculation of production and revenue and allocation of allowable costs for the production of Coalbed Methane Gas.

For Frac Well Gas. - Gas shall be produced from and allocated to only the **80-acre** drilling unit in which the well is located according to the undivided interests of each Owner/Claimant within the unit, which undivided interest shall be the ratio (expressed as a percentage) that the amount of mineral acreage within each separate tract that is within the Subject Drilling Unit, when platted on the surface, bears to the total mineral acreage, when platted on the surface, contained within the entire **80-acre** drilling unit in the manner set forth in the Oakwood I Field Rules.

8. Election and Election Period: In the event any Owner or Claimant named in **Exhibit B-3** hereto does not reach a voluntary agreement to share in the operation of the well located in the Subject Drilling Unit, at a rate of payment mutually agreed to by said Gas Owner or Claimant and the Unit Operator, then such person named may elect one of the options set forth in Paragraph 9 below and must give written notice of his election of the option selected under Paragraph 9 to the designated Unit Operator at the address shown below within thirty (30) days from the date of receipt of a copy of this Order. A timely election shall be deemed to have been made if, on or before the last day of said 30-day period, such electing person has delivered his written election to the designated Unit Operator at the address shown below or has duly postmarked and placed its written election in first class United States mail, postage prepaid, addressed to the Unit Operator at the address shown below.

9. Election Options:

9.1 Option 1 - To Participate In The Well Development and Operation of the Drilling Unit: Any Gas Owner or Claimant named in **Exhibit B-3** who does not reach a voluntary agreement with the Unit Operator may elect to participate in the Well Development and Operation in the Subject Drilling Unit (hereafter "Participating Operator") by agreeing to pay the estimate of such Participating Operator's proportionate part of the actual and reasonable costs of the Well Development contemplated by this Order for Gas produced pursuant to the Oakwood I Field Rules, including a reasonable supervision fee, as more particularly set forth in Virginia Gas and Oil Board Regulation 4 VAC 25-160-100 (herein "Completed-for-Production Costs"). Further, a Participating Operator agrees to pay the estimate of such Participating Operator's proportionate part of the Completed-for-Production Cost as set forth below to the Unit Operator within forty-five (45) days from the later of the date of mailing or the date of recording of this Order. The Completed-for-Production Cost for the Subject Drilling Unit is as follows:

Completed-for-Production Cost: DD1 \$700,896.47
 (Average frac well cost associated with each panel
 that intersects the subject unit)

Any gas owner and/or claimants named in Exhibit B-3, who elect this option (Option 1) understand and agree that their initial payment under this option is for their proportionate share of the Applicant's estimate of actual costs and expenses. It is also understood by all persons electing this option that they are agreeing to pay their proportionate share of the actual costs and expenses as determined by the Operator named in this Board Order.

A Participating Operator's proportionate cost hereunder shall be the result obtained by multiplying the Participating Operators' "Interest in Unit" times the Completed-for-Production Cost set forth above. Provided, however, that in the event a Participating Operator elects to participate and fails or refuses to pay the estimate of his proportionate part of the Completed-for-Production Cost as set forth above, all within the time set forth herein and in the manner prescribed in Paragraph 8 of this Order, then such Participating Operator shall be deemed to have elected not to participate and to have elected compensation in lieu of participation pursuant to Paragraph 9.2 herein.

9.2 Option 2 - To Receive A Cash Bonus Consideration: In lieu of participating in the Well Development and Operation in Subject Drilling Unit under Paragraph 9.1 above, any Gas Owner or Claimant named in **Exhibit B-3** hereto who does not reach a voluntary agreement with the Unit Operator may elect to accept a cash bonus consideration of \$5.00 per net mineral acre owned by such person, commencing upon entry of this Order and continuing annually until commencement of production from Subject Drilling Unit, and thereafter a royalty of 1/8th of 8/8ths [twelve and one-half percent (12.5%)] of the net proceeds received by the Unit Operator for the sale of the Coalbed Methane Gas produced from any Well Development and Operation covered by this Order multiplied by that person's Interest in Unit or proportional share of said production [for purposes of this Order, net proceeds shall be actual proceeds received less post-production costs incurred downstream of the wellhead, including, but not limited to, gathering, compression, treating, transportation and marketing costs, whether performed by Unit Operator or a third person] as fair, reasonable and equitable compensation to be paid to said Gas Owner or Claimant. The initial cash bonus shall become due and owing when so elected and shall be tendered, paid or escrowed within one hundred twenty (120) days of recording of this Order. Thereafter, annual cash bonuses, if any, shall become due and owing on each anniversary of the date of recording of this order in the event production from Subject Drilling Unit has not theretofore commenced, and once due, shall be tendered, paid or escrowed within sixty (60) days of said anniversary date. Once the initial cash bonus and the annual cash bonuses, if any, are so paid

or escrowed, subject to a final legal determination of ownership, said payment(s) shall be satisfaction in full for the right, interests, and claims of such electing person in and to the Gas produced from Subject Formation in the Subject Lands, except, however, for the 1/8th royalties due hereunder.

Subject to a final legal determination of ownership, the election made under this Paragraph 9.2, when so made, shall be satisfaction in full for the right, interests, and claims of such electing person in any Well Development and Operation covered hereby and such electing person shall be deemed to and hereby does lease and assign, its right, interests, and claims in and to the Gas produced from Subject Formation in the Subject Drilling Unit to the Applicant.

- 9.3. Option 3 - To Share In The Well Development And Operation As A Non-Participating Person On A Carried Basis And To Receive Consideration In Lieu Of Cash: In lieu of participating in the Well Development and Operation in Subject Drilling Unit under Paragraph 9.1 above and in lieu of receiving a Cash Bonus Consideration under Paragraph 9.2 above, any Gas Owner or Claimant named in **Exhibit B-3** hereto who does not reach a voluntary agreement with the Unit Operator may elect to share in the Well Development and Operation of Subject Drilling Unit on a carried basis (as a "Carried Well Operator"] so that the proportionate part of the Completed-for-Production Cost hereby allocable to such Carried Well Operator's interest is charged against such Carried Well Operator's share of production from Subject Drilling Unit. Such Carried Well Operator's rights, interests, and claims in and to the Gas in Subject Drilling Unit shall be deemed and hereby are assigned to the Applicant until the proceeds from the sale of such Carried Well Operator's share of production from Subject Drilling Unit (exclusive of any royalty, excess or overriding royalty, or other non-operating or non cost-bearing burden reserved in any lease, assignment thereof or agreement relating thereto covering such interest) equals three hundred percent (300%) for a leased interest or two hundred percent (200%) for an unleased interest (whichever is applicable) of such Carried Well Operator's share of the Completed-for-Production Cost allocable to the interest of such Carried Well Operator. When the Applicant recoups and recovers from such Carried Well Operator's assigned interest the amounts provided for above, then, the assigned interest of such Carried Well Operator shall automatically revert back to such Carried Well Operator, and from and after such reversion, such Carried Well Operator shall be treated as if it had participated initially under Paragraph 9.1 above; and thereafter, such participating person shall be charged with and shall pay his proportionate part of all further costs of such Well Development and Operation.

Subject to a final legal determination of ownership, the election made under this Paragraph 9.3, when so made, shall

be satisfaction in full for the rights, interests, and claims of such electing person in any Well Development and Operation covered hereby and such electing person shall be deemed to have and hereby does assign its rights, interests, and claims in and to the Gas produced from Subject Formation in the Subject Drilling Unit to the Applicant for the period of time during which its interest is carried as above provided prior to its reversion back to such electing person.

10. Failure to Properly Elect: In the event a person named in **Exhibit B-3** hereto does not reach a voluntary agreement with the Unit Operator and fails to elect within the time, in the manner and in accordance with the terms of this Order, one of the alternatives set forth in Paragraph 9 above for which his interest qualifies, then such person shall be deemed to have elected not to participate in the proposed Well Development and Operation in Subject Drilling Unit and shall be deemed, subject to a final legal determination of ownership, to have elected to accept as satisfaction in full for such person's right, interests, and claims in and to the Gas the consideration provided in Paragraph 9.2 above for which its interest qualifies and shall be deemed to have leased and/or assigned his right, interests, and claims in and to the Gas produced from Subject Formation in the Subject Drilling Unit to the Applicant. Persons who fail to properly elect shall be deemed, subject to a final legal determination of ownership, to have accepted the compensation and terms set forth herein at Paragraph 9.2 in satisfaction in full for the right, interests, and claims of such person in and to the Gas produced from the Subject Formation underlying Subject Lands.

11. Default By Participating Person: In the event a person named in **Exhibit B-3** elects to participate under Paragraph 9.1, but fails or refuses to pay, to secure the payment or to make an arrangement with the Unit Operator for the payment of such person's proportionate part of the Completed-for-Production Cost as set forth herein, all within the time and in the manner as prescribed in this Order, then such person shall be deemed to have withdrawn his election to participate and shall be deemed to have elected to accept as satisfaction in full for such person's right, interest, and claims in and to the Gas the consideration provided in Paragraph 9.2 above for which his interest qualifies depending on the excess burdens attached to such interest. Whereupon, any cash bonus consideration due as a result of such deemed election shall be tendered, paid or escrowed by Unit Operator within one hundred twenty (120) days after the last day on which such defaulting person under this Order should have paid his proportionate part of such cost or should have made satisfactory arrangements for the payment thereof. When such cash bonus consideration is paid or escrowed, it shall be satisfaction in full for the right, interests, and claims of such person in and to the Gas underlying Subject Drilling Unit in the Subject Lands covered hereby, except, however, for any royalties which would become due pursuant to Paragraph 9.2 hereof.

12. Assignment of Interest: In the event a person named in **Exhibit B-3** is unable to reach a voluntary agreement to share in the Well Development and Operation contemplated by this Order at a rate of payment agreed to mutually by said Owner or Claimant and the Unit Operator, or fails to make an election under Paragraph 9.1 above, then subject to a final legal determination of ownership, such person shall be deemed to have and shall have assigned unto Applicant such person's right, interests, and claims in and to said well, and other share in production to which such person may be entitled by reason of any election or deemed election hereunder in accordance with the provisions of this Order governing said election.

13. Unit Operator (or Operator): **CNX Gas Company LLC** shall be and hereby is designated as Unit Operator authorized to drill and operate the Coalbed Methane Well in Subject Formation in Subject Drilling Unit, all subject to the permit provisions contained in Va. Code §§ 45.1-361.27 et seq.; §§ 4 VAC 25-150 et seq., Gas and Oil Regulations; §§ 4 VAC 25-160 et seq., Virginia Gas and Oil Board Regulations; the Oakwood Coalbed Gas Field I Order OGCB 3-90, all as amended from time to time, and all elections required by this Order shall be communicated to Unit Operator in writing at the address shown below:

**CNX Gas Company LLC
627 Claypool Hill Mall Road
Cedar Bluff, VA 24609
Attn: Anita D. Duty**

14. Commencement of Operations: Unit Operator shall commence or cause to commence operations for the drilling of the well(s) within the Subject Drilling Unit and/or the well(s) outside the Subject Drilling Unit but from which production is allocated to the Subject Drilling Unit within Seven Hundred and Thirty (730) days from the date of the Order and shall prosecute same with due diligence. If Unit Operator shall not have so commenced and/or prosecuted, then this Order shall terminate, except for any cash sums then payable hereunder; otherwise, unless sooner terminated by Order of the Board, this Order shall expire at 12:00 P.M. on the date on which all wells covered by the Order and/or all wells from which production is allocated to the Subject Drilling Unit are permanently abandoned and plugged. However, in the event an appeal is taken from this Order, then the time between the filing of the petition for appeal and the final Order of the Circuit Court shall be excluded in calculating the two-year period referred to herein.

15. Operator's Lien: Unit Operator, in addition to the other rights afforded hereunder, shall have a lien and a right of set off on the Gas estates, rights, and interests owned by any person subject hereto who elects to participate under Paragraph 9.1 in the Subject Drilling Unit to the extent that costs incurred in the drilling or operation on the Subject Drilling Unit are chargeable against such person's interest. Such liens and right of set off shall be separable as to each separate person and shall remain liens until the Unit Operator drilling or operating any well covered hereby has been paid the full amounts due under the terms of this Order.

16. Escrow Provisions:

The Applicant represented to the Board that there **are no** unknown or unlocatable claimants in the Subject Drilling Unit whose payments are subject to the provisions of Paragraph 16.1 and the Unit Operator has represented to the Board that there **are no** conflicting claimants whose payments are subject to the provisions of Paragraph 16.2 hereof. Therefore, by this Order, the Escrow Agent named herein or any successor named by the Board, **is NOT** required to establish an interest-bearing escrow account for the Subject Drilling Unit (herein "Escrow Account"), and to receive funds and account to the Board pursuant to its agreement for the escrowed funds hereafter described in Paragraphs 16.1 and 16.2:

**First Bank & Trust Company
38 East Valley St.
Bristol, VA 24201**

16.1. Escrow Provisions For Unknown or Unlocatable Persons: If any payment of bonus, royalty payment or other payment due and owing under this Order cannot be made because the person entitled thereto cannot be located or is unknown, then such cash bonus, royalty payment, or other payment shall not be commingled with any funds of the Unit Operator and, pursuant to Va. Code § 45.1-361.21.D, said sums shall be deposited by the Unit Operator into the Escrow Account, commencing within one hundred twenty (120) days of recording of this Order, and continuing thereafter on a monthly basis with each deposit to be made, by use of a report format approved by the Inspector, by a date which is no later than sixty (60) days after the last day of the month being reported and/or for which funds are being deposited. Such funds shall be held for the exclusive use of, and sole benefit of the person entitled thereto until such funds can be paid to such person(s) or until the Escrow Agent relinquishes such funds as required by law or pursuant to Order of the Board in accordance with Va. Code § 45.1-361.21.D.

16.2 Escrow Provisions For Conflicting Claimants: If any payment of bonus, royalty payment, proceeds in excess of ongoing operational expenses, or other payment due and owing under this Order cannot be made because the person entitled thereto cannot be made certain due to conflicting claims of ownership and/or a defect or cloud on the title, then such cash bonus, royalty payment, proceeds in excess of ongoing operational expenses, or other payment, together with Participating Operator's Proportionate Costs paid to Unit Operator pursuant to Paragraph 9.1 hereof, if any, (1) shall not be commingled with any funds of the Unit Operator; and (2) shall, pursuant to Va. Code §§ 45.1-361.22.A.2, 45.1-361.22.A.3 and 45.1-361.22.A.4, be deposited by the Operator into the Escrow Account within one hundred twenty (120) days of recording of this Order, and continuing thereafter on a monthly basis with each deposit to be made by a date which is no later than sixty (60) days after the last day of the month

being reported and/or for which funds are subject to deposit. Such funds shall be held for the exclusive use of, and sole benefit of, the person entitled thereto until such funds can be paid to such person(s) or until the Escrow Agent relinquishes such funds as required by law or pursuant to Order of the Board.

17. Special Findings: The Board specifically and specially finds:

- 17.1. **CNX Gas Company LLC**, a Virginia limited liability company is duly authorized and qualified to transact business in the Commonwealth of Virginia;
- 17.2. **CNX Gas Company LLC** has the authority to explore, develop and maintain the properties and assets, now owned or hereafter acquired, consented to serve as Coalbed Methane Gas Unit Operator for Subject Drilling Unit and to faithfully discharge the duties imposed upon it as Unit Operator by statute and regulations;
- 17.3. **CNX Gas Company LLC** is an operator in the Commonwealth of Virginia, and has satisfied the Board's requirements for operations in Virginia;
- 17.4 **CNX Gas Company LLC** claims ownership of gas leases, Coalbed Methane Gas leases, and/or coal leases representing **99.9019** percent of the oil and gas interest/claims in and to Coalbed Methane Gas and **100.0000** percent of the coal interest/claims in and to Coalbed Methane Gas in Subject Drilling Unit; and, Applicant claims the right to explore for, develop and produce Coalbed Methane Gas from Subject Formations in Subject Drilling Unit in **Buchanan** County, Virginia, which Subject Lands are more particularly described in **Exhibit A**;
- 17.5. The estimated total production from Subject Drilling Unit is **125 MMCF to 550 MMCF**. The estimated amount of reserves from the Subject Drilling Unit is **125 MMCF to 550 MMCF**;
- 17.6. Set forth in **Exhibit B-3**, is the name and last known address of each Owner or Claimant identified by the Applicant as having or claiming an interest in the Coalbed Methane Gas in Subject Formation in Subject Drilling Unit underlying and comprised of Subject Lands, who has not, in writing, leased to the Applicant or the Unit Operator or agreed to voluntarily pool his interests in Subject Drilling Unit for its development. The interests of the Respondents listed in **Exhibit B-3** comprise **0.0981** percent of the oil and gas interests/claims in and to Coalbed Methane Gas and **0.0000** percent of the coal interests/claims in and to Coalbed Methane Gas in Subject Drilling Unit;
- 17.7 Applicant's evidence established that the fair, reasonable and equitable compensation to be paid to any person in lieu of the right to participate in the Wells are those options

provided in Paragraph 9 above;

17.8 The relief requested and granted is just and reasonable, is supported by substantial evidence and will afford each person listed and named in **Exhibit B-3** hereto the opportunity to recover or receive, without unnecessary expense, such person's just and fair share of the production from Subject Drilling Unit. The granting of the Application and relief requested therein will ensure to the extent possible the greatest ultimate recovery of Coalbed Methane Gas, prevent or assist in preventing the various types of waste prohibited by statute and protect or assist in protecting the correlative rights of all persons in the subject common sources of supply in the Subject Lands. Therefore, the Board is entering an Order granting the relief herein set forth.

18. Mailing Of Order And Filing Of Affidavit: Applicant or its Attorney shall file an affidavit with the Secretary of the Board within sixty (60) days after the date of recording of this Order stating that a true and correct copy of said Order was mailed within seven (7) days from the date of its receipt by Unit Operator to each Respondent named in **Exhibit B-3** pooled by this Order and whose address is known.

19. Availability of Unit Records: The Director shall provide all persons not subject to a lease with reasonable access to all records for Subject Drilling Unit which are submitted by the Unit Operator to said Director and/or his Inspector(s).

20. Conclusion: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.

21. Appeals: Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court.

22. Effective Date: This Order shall be effective as of the date of the Board's approval of this Application, which is set forth at Paragraph 1 above.

DONE AND EXECUTED this 8 day of January, 2018 by a majority of the Virginia Gas and Oil Board.



Chairman, Bradley C. Lambert

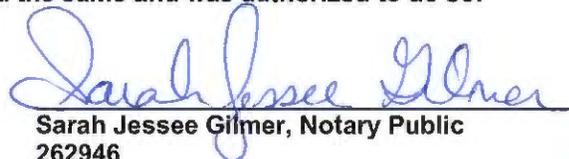
DONE AND PERFORMED this 8 day of January, 2018 by Order of the Virginia Gas and Oil Board.



Rick Cooper
Principal Executive to the
staff, Virginia Gas and Oil Board

COMMONWEALTH OF VIRGINIA
COUNTY OF RUSSELL

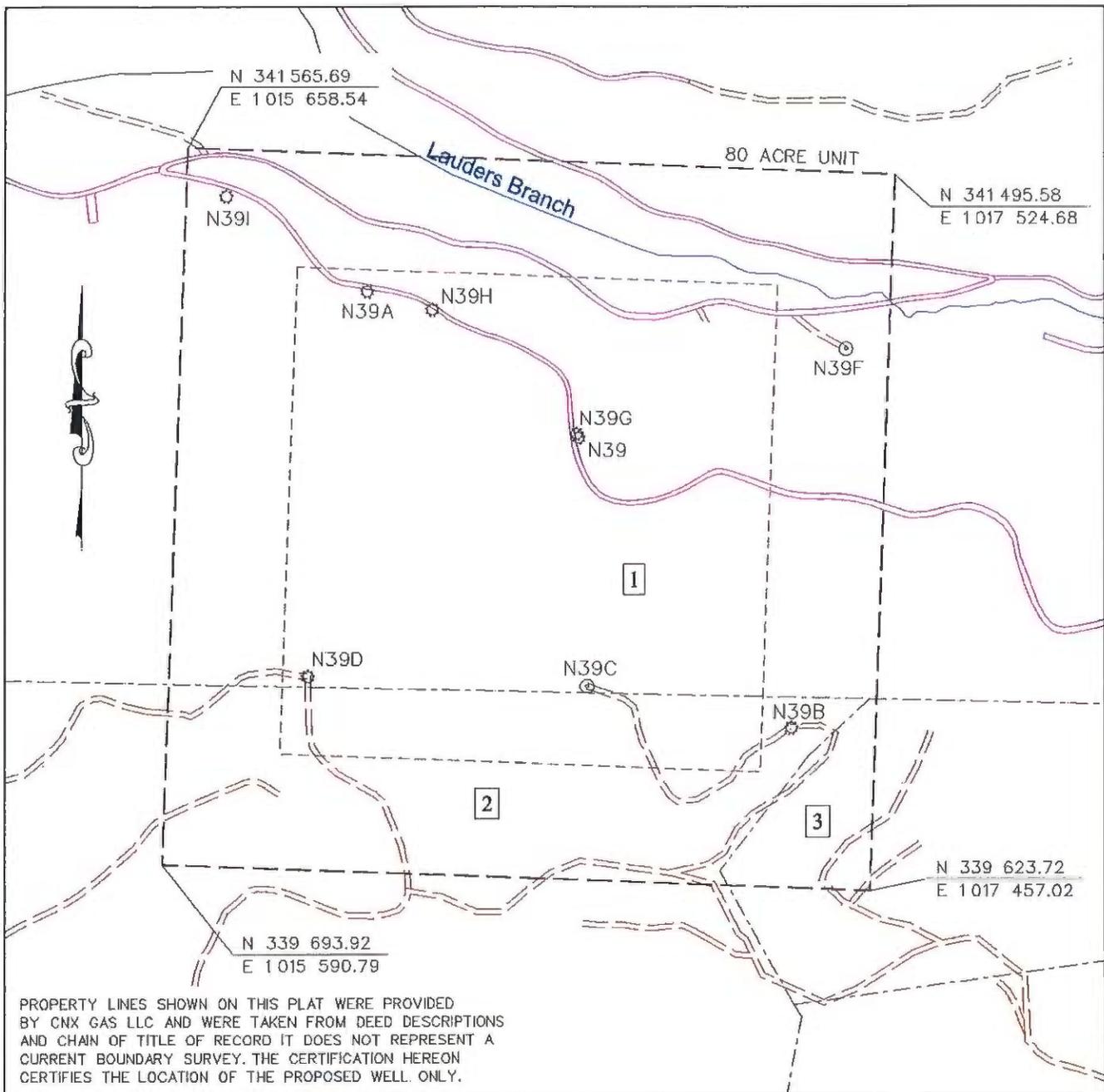
Acknowledged on this 8th day of January, 2018, personally before me a notary public in and for the Commonwealth of Virginia, appeared Bradley C. Lambert, being duly sworn did depose and say that he is the Chairman of the Virginia Gas and Oil Board and appeared Rick Cooper, being duly sworn did depose and say that he is Principal Executive to the staff of the Virginia Gas and Oil Board, that they executed the same and was authorized to do so.



Sarah Jessee Gilmer, Notary Public
262946

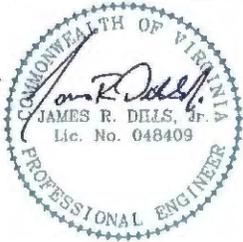
My Commission expires: July 31, 2021





PROPERTY LINES SHOWN ON THIS PLAT WERE PROVIDED BY CNX GAS LLC AND WERE TAKEN FROM DEED DESCRIPTIONS AND CHAIN OF TITLE OF RECORD IT DOES NOT REPRESENT A CURRENT BOUNDARY SURVEY. THE CERTIFICATION HEREON CERTIFIES THE LOCATION OF THE PROPOSED WELL ONLY.

- CBM WELL
- PROPOSED CBM WELL



Digitally signed by James R Dills Jr.
 DN: c=US, o=IdenTrust ACES Business Representative, ou=D. R. PRICE ENGINEERING AND LAND SURVEYING INC PC, cn=James R Dills Jr.,
 0.9.2342.19200300.100.1.1=A010 9690000012E01701153000027EA
 Date: 2017.11.08 11:06:54 -05'00'

EXHIBIT A
 OAKWOOD FIELD
 UNIT N39
 FORCE POOLING
 VGOB-00-0321-0775-03

Company CNX Gas Company LLC Well Name and Number UNIT N39
 Tract No. _____ Elevation _____ Quadrangle KEEN MOUNTAIN
 County BUCHANAN District GARDEN Scale: 1" = 400' Date 11/8/17
 This plat is a new plat ; an updated plat _____ ; or a final plat _____

Form DGO-GO-7 _____ (Affix Seal)
 Rev. 9/91 Licensed Professional Engineer or Licensed Land Surveyor

	Acres In Unit	Percent of Unit
L COAL OWNERSHIP		
Tract No. 1, 59.35 Acres		
(1) P.J. Brown Heirs, et al (573.80 Acre Tract)	59.35 acres	74.1675%
(a) Narcie Fletcher Heirs, Devisees, Successors or Assigns (1/6)		
(a.1) Laura C. Repass Heirs, Devisees, Successors or Assigns		
(a.1.1) Lynn Repass Mullins, Heirs, Successors or Assigns		
(a.1.1.1) John R. Mullins		
<i>The interest of John R. Mullins was involved in a Bankruptcy Court Order. See Settlement Agreement dated 4/1/11 for disbursement. (1/6)</i>		
Royalty Payments per the 04/11/11 Settlement Agreement - PGP Well		
(a.1.1.1.a) Mary Ann Mullins Trust c/o Mary Ann Strong 168 Sandy Lane Richlands, VA 24641	1.978 acres 1/30 of 59.35 acres	2.4725%
(a.1.1.1.b) Susan G. Maynard Trust c/o Susan G. Maynard 904 Suncrest Place Morgantown, WV 26505	1.978 acres 1/30 of 59.35 acres	2.4725%
(a.1.1.1.c) Lynn A. Lawson Trust c/o Lynn A. Lawson Trustee 319 Tazewell Avenue Richlands, VA 24641	1.978 acres 1/30 of 59.35 acres	2.4725%
(a.1.1.1.d) Charles R. Mullins & John Robert Mullins, II Trust c/o John Taylor 4600 Park Road Suite 420 Charlotte, NC 28209	3.957 acres 1/15 of 59.35 acres	4.9456%
<i>Note: The 1/15th interest released from suspense due to Granting Motion Order dated 9/6/2007</i>		
(b) Ella W. Weddington Heirs, Devisees, Successors or Assigns (1/6)		
(b.1) Hattie Thompson (1/16)		
(b.1.1) Oscar W. Thompson, Jr. Heirs, Devisees, Successors or Assigns		
(b.1.1.1) James F. Thompson PO Box 3443 Pikeville, KY 41502	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.1.1.2) Janie T. Hall PO Box 2316 Pikeville, KY 41502	0.550 acres 1/108 of 59.35 acres	0.6869%
<i>Conveyed (1/2) interest to Oscar W. Thompson, Jr. (DB 280440) & (1/2) interest Betty T. Scott (DB 290437)</i>		

Exhibit B
 UNIT N-39
 Docket # YGOB-00-0321-0775-03
 List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(b.1.1.3) Oscar W. Thompson, III PO Box 3170 Pikeville, KY 41502	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.1.2) Betty T. Scott Heirs, Devisees, Successors or Assigns		
(b.1.2.1) William T. Scott PO Box 1316 Pikeville, KY 41502	0.824 acres 1/72 of 59.35 acres	1.0304%
(b.1.2.2) John H. Scott, III PO Box 2617 Pikeville, KY 41502	0.824 acres 1/72 of 59.35 acres	1.0304%
(b.2) Edith Cassidy (1/18)		
(b.2.1) Edith Mae Vanhoose Heirs, Devisees, Successors or Assigns (1/36)		
(b.2.1.1) Suzy J. DeLong Trust c/o Suzy DeLong, Trustee 276 Yorkwood Forest Drive Pikeville, KY 41501	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.2.1.2) Charles R. Vanhoose Trust c/o Charles R. Vanhoose, Trustee 149 Thompson Road Pikeville, KY 41501	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.2.1.3) William C. Vanhoose Trust c/o Wm. C. Vanhoose, Trustee 176 East Cedar Drive Pikeville, KY 41501	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.2.2) Ballard W. Cassidy Heirs, Devisees, Successors or Assigns		
(b.2.2.1) Cassidy Family Ventures, LLC 143 Walnut Dr. Pikeville, KY 41501	1.849 acres 1/36 of 59.35 acres	2.0608%
(b.3) Fae W. Ramsey (1/18) (aka Faye)		
(b.3.1) James P. Ramsey, Sr. Heirs, Devisees, Successors or Assigns (1/54)		
(b.3.1.1) Michael C. Ramsey Heirs, Devisees, Successors or Assigns		
(b.3.1.1.1) Jennifer Lynn Ramsey PO Box 5660 Eugene, OR 97405	0.550 acres 1/108 of 59.35 acres	0.6869%

Conveyed her interest to Edith Mae Vanhoose (1/2) & Ballard W. Cassidy (1/2) DB 280/341

By deeds dated 6/21/82 she conveyed her interest to: James P. Ramsey (1/3), Susan Ramsey (1/3), Susan Ramsey (1/3), Susan Ramsey (1/3), William N. Ramsey, Sr. (1/3), Joe B. Ramsey, Sr. (1/3), G. Frank Ramsey (1/3)

Died Testate - Interest devised to two sons

Exhibit B
 UNIT N-39
 Docket # VGOB-00-0321-0775-03
 List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(b.3.1.2) James P. Ramsey, Jr. LOH requested 1/31/2017	0.550 acres 1/108 of 59.35 acres	0.6868%
(b.3.1.2.1) Deborah K. Ramsey 908 SL Patrick Dr Tallahassee, FL 32310		
(b.3.1.2.2) James Patton Ramsey, III 85 Weddington Branch Rd Pikeville, KY 41501		
(b.3.1.2.3) Clyde Dawson Ramsey 1121 Nandina Ct Tallahassee, FL 32308		
(b.3.2) Susan Joyce Ramsey Aldrich 85 Weddington Branch Road Pikeville, KY 41501	0.366 acres 1/162 of 59.35 acres	0.4579%
(b.3.3) Joe B. Ramsey, Sr. (aka Joe E. Ramsey) 354 Weddington Branch Road, Suite 1 Pikeville, KY 41501	1.098 acres 1/54 of 59.35 acres	1.3738%
(b.3.4) William N. Ramsey, Jr. 85 Weddington Branch Road Pikeville, KY 41501	0.366 acres 1/162 of 59.35 acres	0.4579%
(b.3.5) George Frank Ramsey Heirs, devisees, Successors or Assigns		
(b.3.5.1) Teddy Colley PO Box 2141 Pikeville, KY 41502-2141	0.366 acres 1/162 of 59.35 acres	0.4579%
(c) Lena B. Carter (1/6) - Deceased (Life Estate extinguished)		
(c.1) Allen B. Carter (1/12)		
(c.1.1) William H. Carter (1/24)		
(c.1.2) Sue C. Lemaire Haga, et vir. (1/24 + 1/24 = 1/12)		
(c.1.2.1) Eleanor H. Wall, et vir.		
(c.1.2.1.a) Sue C. Haga, et vir.		
(c.1.2.1.a.1) Victor Carl Haga, et ux.		
(c.1.2.1.a.1.1) Sue Sloan - Deceased		
(c.1.2.1.a.1.2) Eleanor Lynette Lemaire 864 West Street Carlsisle, MA 01741	4.946 acres 1/12 of 59.35 acres	6.1623%

By deed 12/5/79, conveyed (1/2) interest to Allen B. Carter & (1/2) interest to Guy P. Carter (DB 148/158)
 Conveyed (1/2) interest to William H. Carter & (1/2) interest to Sue C. Lemaire (DB 163/373)
 Conveyed his interest to Victor C. Haga & Sue (Lemaire) Haga (DB 170/558)
 Obtained 1/24 from Allen B. Carter and 1/24 from William Carter
 Conveyed 1/12 interest to Eleanor Wall, et vir.
 Conveyed interest to Sue C. Haga, et vir.
 Conveyed interest to Victor Carl Haga (husband)
 Conveyed interest to Sue Carter Sloan for Life and Remainder to Eleanor Lynette Lemaire
 Interest only for Life then passes

180000202

Exhibit B
 UNIT N-39
 Docket # VGOB-00-0321-0775-03
 List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(c.2) Guy P. Carter (1/12)		
(c.2.1) Johnnye H. Carter Greer Hunter - Deceased (1/24)	Conveyed (1/2) interest to Johnnye H. Carter & (1/2) interest to John W. Gillespie	
(c.2.1.1) Waban Page Carter 601 Kemp Road West Greensboro, NC 27410	0.824 acres 1/72 of 59.35 acres	1.0304%
(c.2.1.2) Johnnye Juan Carter Letterman 3104 Watagua Drive Greensboro, NC 27410	0.824 acres 1/72 of 59.35 acres	1.0304%
(c.2.1.3) Toni Bates McGowan 1916 Trumbull Drive Dunwoody, GA 30338	0.824 acres 1/72 of 59.35 acres	1.0304%
(c.2.2) John W. Gillespie Heirs, Devisees, Successors or Assigns (1/24)		
(c.2.2.1) John W. Gillespie Trust (c.2.2.1.a) Gillespie Company P.O. Box 675 Tazewell, VA 24651	Trustee conveyed interest to Gillespie Co. (DB 473/466) 2.473 acres 1/24 of 59.35 acres	3.0911%
(d) George M. Brown Heirs, Devisees, Successors or Assigns (1/6 + 1/42 = 4/21)	1/6 interest = inherited from P. J. Brown (1/7) & Florence Crabree (1/7 divided between 6 siblings) Was conveyed a 1/42 interest from Henry Patton Brown, see (L.5.1) below. Life Estate of Virginia Repass extinguished	
(d.1) H. Eldridge Brown Heirs, Devisees, Successors or Assigns (4/21)	Died Testate (WB 44/520), devised (1/2) interest to Gertrude Brown & (1/2) interest divided between to Pauline Hagy, Harley Brown II, George Brown	
(d.1.1) Gertrude Hudson Brown (2/21)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.2) Pauline Brown Hagy (2/63)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.3) Henry Eldridge Brown II (2/63)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.4) George Glayde Brown (2/63)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.5) Eldridge Brown Company (1/6) c/o Gertrude Brown 209 Allizer Street Richlands, VA 24641	11.305 acres 4/21 of 59.35 acres	14.1310%
(e) Ross B. McKenny Heirs, Devisees, Successors or Assigns (1/6)		
(e.1) John A. McKenny - Deceased	Life Estate extinguished	
(e.2) Luther George McKenny Heirs, Devisees, Successors or Assigns (1/36)		
(e.2.1) Patricia Thoulouse McKenny * - Deceased	Life Estate extinguished	
(e.2.2) Charles Robert McKenny * (1/72) 3122 Birch St. Carmichael, CA 95608	0.824 acres 1/72 of 59.35 acres	1.0304%

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(e.2.3) Nancy McKenny Goss * (1/72) 502 W. Broad St., #314 Falls Church, VA 22046	0.824 acres 1/72 of 59.35 acres	1.0304%
(e.3) James S. McKenny (1/36 + 1/36 = 1/18)		
(e.3.1) James R. McKenny * (1/18)		
(e.3.1.1) Susan W. McKenny		
(e.3.1.2) James Reinhardt McKenny, Jr. 16 Riverbank Ct. #1 New Canaan, 06840	1.099 acres 1/54 of 59.35 acres	1.3736%
(e.3.1.3) Monica Cole McKenny Johnson 4630 Sperryville Pike Woodville, VA 22749	1.099 acres 1/54 of 59.35 acres	1.3736%
(e.3.1.4) Margaret Nash 4021 Shallowbrook Lane Olney, MD 20832	1.099 acres 1/54 of 59.35 acres	1.3736%
(e.4) John A. McKenny, Jr. (1/36)		
(e.4.1) John A. McKenny, III * Heirs, Devisees, Successors or Assigns		
(e.4.1.1) Mary McKenny PO Box 138 Idledale, CO 80453	0.137 acres 1/432 of 59.35 acres	0.1717%
(e.4.1.2) Natalie McKenny 599 Wright St, Apt 104 Lakewood, CO 80228	0.092 acres 1/648 of 59.35 acres	0.1145%
(e.4.1.3) Elizabeth C. Gillespie 4689 Mariposa Dr Englewood, CO 80110	0.092 acres 1/648 of 59.35 acres	0.1145%
(e.4.1.4) Kimberly Ann Strotz Heirs, Devisees, Successors or Assigns		
(e.4.1.4.1) William E. Strotz, III PO Box 178 Idledale, CO 80453	0.018 acres 1/3240 of 59.35 acres	0.0229%
(e.4.1.4.2) Jonathan A. Strotz 16805 W 16th Pl Golden, CO 80401-2712	0.018 acres 1/3240 of 59.35 acres	0.0229%
(e.4.1.4.3) Josiah D. Strotz c/o William E Strotz, Jr - Guardian 16805 W 16th Pl Golden, CO 80401-2712	0.018 acres 1/3240 of 59.35 acres	0.0229%

includes the 1/36 interest from Ruth M. Amsley, see (e.7) below.
By 2/17/87 deed, the interest was conveyed to James R. McKenny (DB 329659)

Life Estate

Died Testate - Interest devised/deed his four children.

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Exhibit B
UNIT N-39
Docket # YGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(e.4.1.4.4) Rachel J. Strotz c/o William E. Strotz, Jr - Guardian 16805 W 18th Pl Golden, CO 80401-2712	0.018 acres 1/3240 of 59.35 acres	0.0229%
(e.4.1.4.5) Amy Olivia Grace Strotz c/o William E. Strotz, Jr - Guardian 16805 W 18th Pl Golden, CO 80401-2712	0.018 acres 1/3240 of 59.35 acres	0.0229%
(e.4.2) Elizabeth McKenny-Adams* (1/144) aka Betty 1063 Hollow Hill Rd Lynchburg, VA 24503	0.412 acres 1/144 of 59.35 acres	0.5152%
(e.4.3) James Paris McKenny Heirs, Devises, Successors or Assigns* (1/144) (e.4.3.1) Michelle Martin McKenny (now Webb) (1/432)	Died Intestate - 1/3 spouse and 2/3 children	
(e.4.3.2) Cynthia McKenny-Thernten (1/216 + 1/432 = 1/144) PO Box 205 Church View, VA 23032	0.412 acres 1/144 of 59.35 acres	0.5152%
(e.4.4) Natalie Sue McKenny Callis* (1/144) 53 Parkers Point Blvd. Forked River, NJ 08731	0.412 acres 1/144 of 59.35 acres	0.5152%
(e.5) A. P. McKenny Heirs, Devises, Successors or Assigns (1/36) (e.5.1) Ellen S. McKenny* - Deceased (e.5.2) Lucie M. Baldie Heirs, Devises, Successors or Assigns* (1/72)	Life Estate extinguished	
(e.5.2.1) Ellen Allen 109 Horn Creek Ct Cary, NC 27519	0.824 acres 1/72 of 59.35 acres	1.0304%
(e.5.3) A. P. McKenny, Jr. Heirs, Devises, Successors or Assigns (1/72) (e.5.3.1) Elbise N. McKenny Heirs, Devises, Successors or Assigns* (1/72) (e.5.3.1.1) Eloise G. McKenny Trust (e.5.3.1.1.1) May Leigh Thomas Crain (e.5.3.1.1.1.1) Ellen Allen 109 Horn Creek Ct Cary, NC 27519	Trust terminated upon death of Malito Leigh Wilkie Assigned 4/9/2015 to Ellen Baldie Allen 0.824 acres 1/72 of 59.35 acres	1.0304%
(e.6) Carl E. B. McKenny, Sr. Heirs, Devises, Successors or Assigns (1/36) (e.6.1) Carl E. B. McKenny, Jr.* (1/36) (e.6.1.1) Claire C. McKenny Molloy 7 Klone Grove Ballybeg Ennis, County Clare, Ireland	1.649 acres 1/36 of 59.35 acres	2.0608%

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(e.7) Ruth M. Ainsley (1/36)		
* NOTE: By Agreement dated 3/23/77 appointed James R. McKenny as AIF		
Correspondences and Payment are to be made to: James R. McKenny, AIF for Rosa B. McKenny Heirs 192 Ballard court, Suite 400 Virginia Beach, VA 23462-6538		
(f) James B. Brown Heirs, Devisees, Successors or Assigns (1/6)		
(f.1) George Ira Brown Heirs, Devisees, Successors or Assigns (1/36)		
(f.1.1) Ella Madge Brown Heirs, Devisees, Successors or Assigns		
(f.1.2) A. P. Brown Heirs, Devisees, Successors or Assigns (1/36)		
(f.1.2.1) Anna Ruth Brown - Deceased		
(f.1.2.2) Grover Ira Brown Heirs, Devisees, Successors or Assigns (1/72)		
(f.1.2.2.1) Rodney Lynn Brown 126 Laurel Wood Acres Road Cedar Bluff, VA 24609	0.824 acres 1/72 of 59.35 acres	1.0304%
(f.1.2.3) Sarah Arlene Brown Buchanan Heirs, Devisees, Successors or Assigns (1/72)		
(f.1.2.3.1) Preston Buchanan Life Estate in 1/72		
(f.1.2.3.2) Laura Buchanan 106 Cricket Ln Cedar Bluff, VA 24609	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.1.2.3.3) Sarah B. Taylor 713 Front St Richlands, VA 24641	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.1.2.3.4) Ira Buchanan 2737 Little Creek Hwy Dublin, VA 24084	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.2) Charles G. Brown Heirs, Devisees, Successors or Assigns (1/36)		
(f.2.1) Hannah Ascue Brown Taylor Heirs, Devisees, Successors or Assigns (1/36)		
(f.2.1.1) Glenn Taylor PO Box 103 Rosedale, VA 24280	0.824 acres 1/72 of 59.35 acres	1.0304%
(f.2.1.2) Barbara Taylor Pauley PO Box 767 Rosedale, VA 24280	0.824 acres 1/72 of 59.35 acres	1.0304%

Conveyed her interest to John A. McKenny, Jr. & James S. McKenny, as joint tenants with rights of survivorship. (DB 402597 TC) John A. McKenny was deceased first vesting title in James S. McKenny.

Predeceased Patton J. Brown

George I. Brown conveyed his interest to John H. White 10/12/74
John H. White conveyed the interest back to George I. Brown 11/18/20

Died Testate - Interest devised to A. P. Brown.

Life Estate extinguished

Died Testate - Interest devised to his niece, Hannah A. Taylor (Daughter of Margie Ascue)

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(f.3) Earl Brown Heirs, Devises, Successors or Assigns (1/36)		
(f.3.1) Vivian Witt Brown - Deceased		
(f.3.2) Harold Kent Brown Heirs, Devises, Successors or Assigns		
(f.3.2.1) Margaret Hatcher Brown Heirs, Devises, Successors or Assigns		
(f.3.2.1.a) Martha B. and Robert W. Short		
6615 Tinkendale Road	0.550 acres	0.6889%
Roanoke, VA 24019	1/108 of 59.35 acres	
(f.3.2.2) Martha B. and Robert W. Short	1.099 acres	1.3738%
6815 Tinkendale Road	1/54 of 59.35 acres	
Roanoke, VA 24019		
(f.4) Leola B. Brown Steele (1/42 + 1/252 = 1/36)		
(f.4.1) Henry Woodrow Steele Heirs, Devises, Successors or Assigns (1/108)		
(f.4.1.1) Buford Earl Steele	0.275 acres	0.3435%
c/o Juanita Clater	1/216 of 59.35 acres	
P. O. Box 1704		
Front Royal, VA 22630		
(f.4.1.2) Mary Francis Steele Carter Heirs, Devises, Successors or Assigns (1/216)		
(f.4.1.2.a) Kenneth Carter (1/2)	0.137 acres	0.1717%
47 Royal Lane, Apt 2	1/432 of 59.35 acres	
Front Royal, VA 22630		
(f.4.1.2.b) Tina Carter (1/6)	0.046 acres	0.0572%
47 Royal Lane, Apt 2	1/1296 of 59.35 acres	
Front Royal, VA 22630		
(f.4.1.2.c) David Carter (1/6)	0.046 acres	0.0572%
214 Blue Ridge Ave Apt 3	1/1296 of 59.35 acres	
Front Royal, VA 22630		
(f.4.1.2.d) Jennifer Wiles (1/6)	0.046 acres	0.0572%
30 W. Strasburg Rd	1/1296 of 59.35 acres	
Front Royal, VA 22630		
(f.4.2) Clayton S. Grove Heirs, Devises, Successors or Assigns (1/108)		
(f.4.2.1) Charles M. Grove, Jr. Heirs, Devises, Successors or Assigns (1/216)		

Life Estate extinguished

Predeceased Vivian Brown (mother) and survived by widow and one child
Died Intestate (1/3 Widow - 2/3 Child)

Deeded her interest 10/21/91 to Martha Brown Short & Robert Short (DB 381/812)
as tenants by the entirety with rights of survivorship.

A. Inherited a 1/42 interest from James B. Brown (1/7th divided between 6 children)
B. Inherited a 1/252 interest from Florence Crabtree = (1/7th divided between siblings or their heirs = 1/42, then divided between the six heirs of James B. Brown = 1/252)
C. The deed (DB 93283 TC) to George M. Brown for 1/42 interest
DOES NOT include the 573.80 acre or the 889.00 acre tracts.

Interest to husband (1/2) and (1/2) each to three children

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(f.4.2.1.a) Roberta C. Grove 881 Rockland Road Front Royal, VA 22630	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.4.2.2) Shirley G. Singhas 305 Duncan Avenue Front Royal, VA 22630	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.4.3) Faye S. Hough Heirs, Deviseses, Successors or Assigns (1/108)		
(f.4.3.1) J. Tyson Hough Heirs, Deviseses, Successors or Assigns		
(f.4.3.1.1) James M. Singhas Heirs, Deviseses, Successors or Assigns		
(f.4.3.1.1.a) Doris L. Singhas Heirs, Deviseses, Successors or Assigns		
(f.4.3.1.1.a.1) Amber Frazier 72 Lime Marl Lane Berryville, VA 22811	0.550 acres 1/108 of 59.35 acres	0.6869%
(f.5) Henry P. Brown Heirs, Deviseses, Successors or Assigns (1/42 + 1/252 = 1/36) (1/252 remaining)		
(f.5.1) George M. Brown (1/42) see (d) above		
(f.5.2) Beatrice F. Brown - Deceased		
(f.5.3) James Moses Brown Heirs, Deviseses Successors or Assigns (1/504)		
(f.5.3.1) Roxie Brown 108 Brown Bottom Lane Cedar Bluff, VA 24609	0.039 acres 1/1512 of 59.35 acres	0.0491%
(f.5.3.2) James William Brown Heirs, Deviseses, Successors or Assigns (1/756)		
(f.5.3.2.a) Brenda Owens Brown Powell PO Box 1595 Duluth, GA 30096	0.079 acres 1/756 of 59.35 acres	0.0981%
(f.5.4) Eugene Lee Brown Heirs, Deviseses Successors or Assigns (1/504)		
(f.5.4.1) Martha Evelyn Christian Brown Heirs, Deviseses, Successors or Assigns (1/3 of 1/504 = 1/1512)		
(f.5.4.1.a) Nora Catherine Damron PO Box 540 Cedar Bluff, VA 24609	0.039 acres 1/1512 of 59.35 acres	0.0491%

Died Testate - Interest devised to the James M. Singhas.

A. Inherited a 1/42 interest from James B. Brown (1/7th divided between 6 children)
B. Inherited a 1/252 interest from Florence Crabtree = (1/7th divided between siblings or their heirs = 1/42, then divided between the six heirs of James B. Brown = 1/252)

Conveyed 1/42 interest to George M. Brown (DB 60/254) before Florence Crabtree died, see (d) above.

Life Estate extinguished

Inherited a (1/2) interest of the 1/252 interest from Florence Crabtree 1/3 to Spouse (1/1512) & 2/3 to Children (1/756)

Died Testate - Interest devised to Brenda Brown, wife

Inherited a (1/2) interest of the 1/252 interest from Florence Crabtree 1/3 to Spouse (1/1512) & 2/3 to Children (1/756 divided between 5 children)

Died Testate - Interest devised to Nora C. Damron, daughter.

Exhibit B
UNIT N-39
Docket # VG0B-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(f.5.4.2) Virginia Brown Palmer 28068 NC Highway 8 Denton, NC 27239	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.5.4.3) Benjamin Patton Brown 72 Betts Lane Cedar Bluff, VA 24609	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.5.4.4) Charles Henry Brown 14376 Peaceful Valley Road Abingdon, VA 24210	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.5.4.5) William David Brown 809 Fulton Street Milville, NJ 08332	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.5.4.6) Eugene L. Brown, Jr. 3875 Gratton Road Tazewell, VA 24651	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.6) Marjorie Brown Ascue Heirs, Devises, Successors or Assigns (1/86)		
(f.6.1) Russell A. Ascue - Deceased		
(f.6.2) Ruth A. Martin (aka Myrtle Ruth Martin) (1/108)		
(f.6.2.1) Joseph B. Martin, Jr. 3844 Tangle Oak Drive Clemmons, NC 27012	0.550 acres 1/108 of 59.35 acres	0.6869%
(f.6.3) Catherine A. Lea Heirs, Devises Successors or Assigns (1/108)		
(f.6.3.1) Morris R. Lee 1072 Ascue Road Cedar Bluff, VA 24609	0.550 acres 1/108 of 59.35 acres	0.6869%
(f.6.4) Hannah Ascue Taylor Heirs, Devises, Successors or Assigns (1/108 + 1/36 = 1/27)		
(f.6.4.1) Barbara Taylor Pauley P.O. Box 767 Rosedale, VA 24280	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.6.4.2) Glenn C. Taylor P.O. Box 103 Rosedale, VA 24280	0.275 acres 1/216 of 59.35 acres	0.3435%
(g) Florence Crabtree Heirs, Devises, Successors or Assigns (1/7)		
Tract No. 2, 18.00 Acres		
(1) J. H. Franks Heirs, et al., Tr. 9A (64.50 Acre Tract)	18.00 acres	22.5000%

Life Estate extinguished

Diad Testate - Interest devised to her son, Morris Richard Lee

Diad Testate - Interest devised to the Estate of P.J. Brown.

Exhibit B
 UNIT N-39
 Docket # VGOB-00-0321-0775-03
 List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(a) Franks Estate c/o Nelson Franks 2712 Maplewood Rd Henrico, VA 23228 (No Conflict - 1/2 interest All Minerals)	9.00 acres 1/2 of 18.00 acres	11.2500%
(b) Buchanan Mining Company LLC *** 10545 Riverside Drive Oakwood, VA 24631	9.00 acres 1/2 of 18.00 acres	11.2500%
*** Royalties are payable to: CNX Gas Company, LLC PO Box 64383D Pittsburg, PA 15264-3830		
Tract No. 3-2.65 Acres		
There is a Title Conflict pertaining to the ownership of the Gas Estate on this tract.		
(1) Ruth Culbertson Heirs Tract 7A (Mary A. Day Tract - 67.50 acres)	2.65 acres	3.3125%
(a) Ruth Culbertson Heirs, Devises, Successors or Assigns (1/4 Minerals except Gas)		
(a.1) George M. Culbertson 22400 NE 23rd Court Ridgefield, WA 98642	0.17 acres 1/16 of 2.65 acres	0.2070%
(a.2) William A. Culbertson Heirs, Devises, Successors or Assigns		
(a.2.1) Cornelia A. (aka Susie) Culbertson P.O. Box 185 Doran, VA 24612	0.17 acres 1/16 of 2.65 acres	0.2070%
(a.3) Carole Lee Culbertson Meade P.O. Box 123 Williamson, SC 28697	0.17 acres 1/16 of 2.65 acres	0.2070%
(a.4) Nancy Elaine Culbertson Ratliff 175 Acre Lane Cedar Bluff, VA 24609	0.17 acres 1/16 of 2.65 acres	0.2070%
(b) Cora Metcalf Franks Estate (1/4 Minerals except Gas) c/o Nelson Franks 2712 Maplewood Rd Henrico, VA 23228	0.66 acres 1/4 of 2.65 acres	0.8281%
(c) Buchanan Mining Company LLC (1/2 of Coal In & Below Jewbone Seam) 10545 Riverside Drive Oakwood, VA 24631	1.33 acres 1/2 of 2.65 acres	1.6563%

Exhibit B
 UNIT N-39
 Docket # VGOB-00-0321-0775-03
 List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(d) Ronald Clyborne (1/2 Coal Above Jawbone Seam)	1.33 acres	1.5563%
9325 Olympic View Drive Edmonds, WA 98020-2397	1/2 of 2.65 acres	

*** NOTE: The coal above the Jawbone seam is above drainage and was not perforated/fractured and therefore is of No Issue.

II. OIL & GAS OWNERSHIP

Tract No. 1 - 59.35 Acres

- (1) P. J. Brown Heirs, et al
(573.80 Acres Tract)
- (a) Narcie Fletcher Heirs, Devises, Successors or Assigns (1/6)
- (a.1) Laura C. Repass Heirs, Devises, Successors or Assigns (1/6)
- (a.1.1) Lynn Repass Mullins, Heirs, Successors or Assigns (1/6)
- (a.1.1.1) John R. Mullins

The interest of John R. Mullins was involved in a Bankruptcy Court Order. See Settlement Agreement dated 4/11/11 for disbursement. (1/6)

Royalty Payments per the 6/4/11/11 Settlement Agreement - PGP Well

- (a.1.1.1.a) Mary Ann Mullins Trust
c/o Mary Ann Strong
168 Sandy Lane
Richlands, VA 24641
- (a.1.1.1.b) Susan G. Maynard Trust
c/o Susan G. Maynard
904 Suncrest Place
Morgantown, WV 26505
- (a.1.1.1.c) Lynn A. Lawson Trust
c/o Lynn A. Lawson Trustee
319 Tazewell Avenue
Richlands, VA 24641
- (a.1.1.1.d) Charles R. Mullins & John Robert Mullins, II Trust
c/o John Taylor
4500 Park Road Suite 420
Charlotte, NC 28209

(b) Ella W. Weddington Heirs, Devises, Successors or Assigns (1/6)

(b.1) Hattie Thompson (1/16)

(b.1.1) Oscar W. Thompson, Jr. Heirs, Devises, Successors or Assigns

(b.1.1.1) James F. Thompson
PO Box 3443
Pikeville, KY 41502

100.0000%

74.1875%

Died Testate - Interest devised to Laura C. Repass

Predeceased Narcie Fletcher interest passed to daughter

Died Testate - Interest devised to John R. Mullins

By deed dated 11/2/92 (DB 403/718) conveyed his interest to his five children

By deed dated 4/11/11 for disbursement. (1/6)

1.978 acres

1/30 of 59.35 acres

2.4729%

1.978 acres

1/30 of 59.35 acres

2.4729%

1.978 acres

1/30 of 59.35 acres

2.4729%

3.957 acres

1/15 of 59.35 acres

4.9458%

Note: The 1/15th interest released from suspense due to Granting Motion Order dated 9/6/2007

Conveyed (1/2) interest to Oscar W. Thompson, Jr. (DB 290/440) & (1/2) interest Betty T. Scott (DB 290/437)

0.6689%

0.550 acres

1/108 of 59.35 acres

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(b.1.1.2) Janie T. Hall PO Box 2316 Pikeville, KY 41502	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.1.1.3) Oscar W. Thompson, III PO Box 3170 Pikeville, KY 41502	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.1.2) Betty T. Scott Heirs, Devises, Successors or Assigns		
(b.1.2.1) William T. Scott PO Box 1316 Pikeville, KY 41502	0.824 acres 1/72 of 59.35 acres	1.0304%
(b.1.2.2) John H. Scott, III PO Box 2817 Pikeville, KY 41502	0.824 acres 1/72 of 59.35 acres	1.0304%
(b.2) Edith Cassidy (1/18)		
Conveyed her interest to Edith Mae Vanhoose (1/2) & Ballard W. Cassidy (1/2) DB 290/341		
(b.2.1) Edith Mae Vanhoose Heirs, Devises, Successors or Assigns (1/36)		
(b.2.1.1) Suzy J. DeLong Trust c/o Suzy DeLong, Trustee 276 Yorkwood Forest Drive Pikeville, KY 41501	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.2.1.2) Charles R. Vanhoose Trust c/o Charles R. Vanhoose, Trustee 149 Thompson Road Pikeville, KY 41501	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.2.1.3) William C. Vanhoose Trust c/o Wm. C. Vanhoose, Trustee 176 East Cedar Drive Pikeville, KY 41501	0.550 acres 1/108 of 59.35 acres	0.6869%
(b.2.2) Ballard W. Cassidy Heirs, Devises, Successors or Assigns		
(b.2.2.1) Cassidy Family Ventures, LLC 143 Walnut Dr. Pikeville, KY 41501	1.649 acres 1/26 of 59.35 acres	2.0606%
(b.3) Fae W. Ramsey (1/18) (aka Faye)		
(b.3.1) James P. Ramsey, Sr. Heirs, Devises, Successors or Assigns (1/54)		
(b.3.1.1) Michael C. Ramsey Heirs, Devises, Successors or Assigns		
(b.3.1.1.1) Jennifer Lynn Ramsey PO Box 5660 Eugene, OR 97405	0.550 acres 1/108 of 59.35 acres	0.6869%

By deeds dated 02/19/32 she conveyed her interest to: James P. Ramsey (1/3), Susan Ramsey (1/3), Susan Ramsey (1/3), Susan Ramsey (1/3), Joe B. Ramsey, Sr (1/3), William N. Ramsey, Jr (1/3), G. Frank Ramsey (1/3)
Died Testate - Interest devised to two sons

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(b.3.1.2) James P. Ramsey, Jr. LOH requested 1/31/2017	0.550 acres 1/108 of 59.35 acres	0.8869%
(b.3.1.2.1) Deborah K. Ramsey 908 St. Patrick Dr Tallahassee, FL 32310		
(b.3.1.2.2) James Patton Ramsey, III 85 Weddington Branch Rd Pikeville, KY 41501		
(b.3.1.2.3) Clyde Dawson Ramsey 1121 Nandine Ct Tallahassee, FL 32308		
(b.3.2) Susan Joyce Ramsey Aldrich 85 Weddington Branch Road Pikeville, KY 41501	0.366 acres 1/162 of 59.35 acres	0.4579%
(b.3.3) Joe B. Ramsey, Sr. (aka Joe E. Ramsey) 354 Weddington Branch Road, Suite 1 Pikeville, KY 41501	1.089 acres 1/54 of 59.35 acres	1.3738%
(b.3.4) William N. Ramsey, Jr. 85 Weddington Branch Road Pikeville, KY 41501	0.366 acres 1/162 of 59.35 acres	0.4579%
(b.3.5) George Frank Ramsey Heirs, Devisees, Successors or Assigns		
(b.3.5.1) Teddy Colley PO Box 2141 Pikeville, KY 41502-2141	0.368 acres 1/162 of 59.35 acres	0.4579%
(c) Lena B. Carter (1/6) - Deceased (Life Estate extinguished)		
(c.1) Allen B. Carter (1/12)		
(c.1.1) William H. Carter (1/24)		
(c.1.2) Sue C. Lemaire Haga, et vir. (1/24 + 1/24 = 1/12)		
(c.1.2.1) Eleanor H. Wall, et vir.		
(c.1.2.1.a) Sue C. Haga, et vir.		
(c.1.2.1.a.1) Victor Carl Haga, et ux.		
(c.1.2.1.a.1.1) Sue Sloan - Deceased		
(c.1.2.1.a.1.2) Eleanor Lynette Lemaire 864 West Street Carrisale, MA 01741	4.946 acres 1/12 of 59.35 acres	6.1623%
(c.2) Guy P. Carter (1/12)		

By deed 12/5/79, conveyed (1/2) interest to Allen B. Carter & (1/2) interest to Guy P. Carter (DB 148/158)
Conveyed (1/2) interest to William H. Carter & (1/2) interest to Sue C. Lemaire (DB 163/372)
Conveyed his interest to Victor C. Haga & Sue (Lemaire) Haga (DB 170/658)
Obtained 1/24 from Allen B. Carter and 1/24 from William Carter
Conveyed 1/12 interest to Eleanor Wall, et vir.
Conveyed interest to Sue C. Haga, et vir.
Conveyed interest to Victor Carl Haga (husband)
Conveyed interest to Sue Carter Sloan for Life and Remainder to Eleanor Lynette Lemaire
Interest only for Life then passes

180000202

Exhibit B
 UNIT N-39
 Docket # VGOB-00-0321-01775-03
 List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(c.2.1) Johnmye H. Carter Greer Hunter - Deceased (1/24)		
(c.2.1.1) Waban Page Carter 601 Kemp Road West Greensboro, NC 27410	0.824 acres 1/72 of 59.35 acres	1.0304%
(c.2.1.2) Johnmye Juan Carter Letterman 3104 Watagua Drive Greensboro, NC 27410	0.824 acres 1/72 of 59.35 acres	1.0304%
(c.2.1.3) Toni Bates McGowan 1916 Trumbull Drive Dunwoody, GA 30338	0.824 acres 1/72 of 59.35 acres	1.0304%
(c.2.2) John W. Gillespie Heirs, Devisees, Successors or Assigns (1/24)		
(c.2.2.1) John W. Gillespie Trust (c.2.2.1.a) Gillespie Company P.O. Box 675 Tazewell, VA 24651	Trustee conveyed interest to Gillespie Co. (DB 473/466) 2.473 acres 1/24 of 59.35 acres	3.0911%
(d) George M. Brown Heirs, Devisees, Successors or Assigns (1/6 + 1/42 = 4/21)		
(d.1) H. Eldridge Brown Heirs, Devisees, Successors or Assigns (4/21)		
(d.1.1) Gertrude Hudson Brown (2/21)	1/6 interest = inherited from P.J. Brown (1/7) & Florence Crabtree (1/7 divided between 6 siblings) Was conveyed a 1/42 interest from Henry Patton Brown, see (f.5.1) below. Life Estate of Virginia Repass extinguished	
(d.1.2) Pauline Brown Hagy (2/63)	Died Testate (WB 44/620), devised (1/2) interest to Gertrude Brown & (1/2) interest divided between to Pauline Hagy, Harley Brown II, George Brown	
(d.1.3) Henry Eldridge Brown II (2/63)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.4) George Gayle Brown (2/63)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.5) Eldridge Brown Company (1/6) c/o Gertrude Brown 209 Alizer Street Richlands, VA 24641	11.305 acres 4/21 of 59.35 acres	14.1310%
(e) Rosa B. McKenny Heirs, Devisees, Successors or Assigns (1/6)		
(e.1) John A. McKenny - Deceased	Life Estate extinguished	
(e.2) Luther George McKenny Heirs, Devisees, Successors or Assigns (1/36)		
(e.2.1) Patricia Thouvelle McKenny * - Deceased	Life Estate extinguished	
(e.2.2) Charles Robert McKenny * (1/72) 3122 Birch St. Carmichael, CA 95608	0.824 acres 1/72 of 59.35 acres	1.0304%
(e.2.3) Nancy McKenny Goss * (1/72) 502 W. Broad St., #314 Falls Church, VA 22046	0.824 acres 1/72 of 59.35 acres	1.0304%

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
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(e.3) James S. McKenny (1/36 + 1/36 = 1/18)
Includes the 1/36 interest from Ruth M. Ainsley, see (e.7) below.
By 2/7/87 deed, the interest was conveyed to James R. McKenny (DB 329/659)

(e.3.1) James R. McKenny * (1/18)

(e.3.1.1) Susan W. McKenny

(e.3.1.2) James Reinhardt McKenny, Jr.
18 Riverbank Ct. #1
New Canaan, D6840

(e.3.1.3) Monica Cole McKenny Johnson
4630 Sperryville Pike
Woodville, VA 22749

(e.3.1.4) Margaret Nash
4021 Shallowbrook Lane
Olney, MD 20832

(e.4) John A. McKenny, Jr. (1/36)

(e.4.1) John A. McKenny, III * Heirs, Devisees,
Successors or Assigns

(e.4.1.1) Mary McKenny
PO Box 138
Idledale, CO 80453

(e.4.1.2) Natalie McKenny
589 Wright St, Apt 104
Lakewood, CO 80228

(e.4.1.3) Elizabeth C. Gillespie
4689 Mariposa Dr
Englewood, CO 80110

(e.4.1.4) Kimberly Ann Strotz Heirs, Devisees,
Successors or Assigns

(e.4.1.4.1) William E. Strotz, III
PO Box 178
Idledale, CO 80453

(e.4.1.4.2) Jonathan A. Strotz
16805 W 16th Pl
Golden, CO 80401-2712

(e.4.1.4.3) Josiah D. Strotz
c/o William E Strotz, Jr - Guardian
16805 W 16th Pl
Golden, CO 80401-2712

(e.4.1.4.4) Rachel J. Strotz
c/o William E Strotz, Jr - Guardian
16805 W 16th Pl
Golden, CO 80401-2712

Life Estate

1.099 acres
1/54 of 59.35 acres

1.3738%

1.099 acres
1/54 of 59.35 acres

1.3738%

1.099 acres
1/54 of 59.35 acres

1.3738%

Died Testate - Interest devised/deed his four children.

0.137 acres
1/432 of 59.35 acres

0.1171%

0.092 acres
1/648 of 59.35 acres

0.1145%

0.092 acres
1/648 of 59.35 acres

0.1145%

0.018 acres
1/3240 of 59.35 acres

0.0229%

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(e.4.1.4.5) Any Olivia Grace Strotz c/o William E Strotz, Jr - Guardian 16805 W 16th Pl Golden, CO 80401-2712	0.018 acres 1/3240 of 59.35 acres	0.0229%
(e.4.2) Elizabeth McKenny Adams* (1/144) aka Betty 1063 Hollow Hill Rd Lynchburg, VA 24503	0.412 acres 1/144 of 59.35 acres	0.5152%
(e.4.3) James Paris McKenny Heirs, Devisees, Successors or Assigns* (1/144) (e.4.3.1) Michelle Martin McKenny (now Webb) (1/432)	Died intestate - 1/3 spouse and 2/3 children Deeded her (1/432) interest to her step-daughter (Cynthia McKenny-Therrien)	
(e.4.3.2) Cynthia McKenny-Therrien (1/216 + 1/432 = 1/144) PO Box 205 Church View, VA 23032	0.412 acres 1/144 of 59.35 acres	0.5152%
(e.4.4) Natalie Sue McKenny Callis* (1/144) 53 Parkers Point Blvd. Forked River, NJ 08731	0.412 acres 1/144 of 59.35 acres	0.5152%
(e.5) A. P. McKenny Heirs, Devisees, Successors or Assigns (1/36) (e.5.1) Ellen S. McKenny* - Deceased (e.5.2) Lucie M. Baldie Heirs, Devisees, Successors or Assigns* (1/72)	Life Estate extinguished	
(e.5.2.1) Ellen Allen 109 Horn Creek Ct. Cary, NC 27519	0.824 acres 1/72 of 59.35 acres	1.0304%
(e.5.3) A. P. McKenny, Jr. Heirs, Devisees, Successors or Assigns (1/72) (e.5.3.1) Eloise N. McKenny Heirs, Devisees, Successors or Assigns* (1/72) (e.5.3.1.1) Eloise G. McKenny Trust (e.5.3.1.1.1) May Leigh Thomas Crain (e.5.3.1.1.1.1) Ellen Allen 109 Horn Creek Ct. Cary, NC 27519	Trust terminated upon death of Mattie Leigh Wilkife Assigned 4/9/2015 to Ellen Baldie Allen	
(e.6) Carl E. B. McKenny, Sr. Heirs, Devisees, Successors or Assigns (1/36) (e.6.1) Carl E. B. McKenny, Jr. * (1/36) (e.6.1.1) Claire C. McKenny Molloy 7 Kilone Grove Ballybeg Ennis, County Clare, Ireland	0.824 acres 1/72 of 59.35 acres	1.0304%
(e.7) Ruth M. Ainsley (1/36)	1.649 acres 1/36 of 59.35 acres	2.0608%

* NOTE: By Agreement dated 3/23/77 appointed James R. McKenny as AIF

Conveyed her interest to John A. McKenny, Jr. & James S. McKenny, as joint tenants with rights of survivorship. (DB 402957 TC) John A. McKenny was deceased first vesting title in James S. McKenny.

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
<i>Correspondences and Payment are to be made to:</i>		
James R. McKerry, Alf for Rosa B. McKerry Heirs 192 Ballard court, Suite 400 Virginia Beach, VA 23462-6538		
(f) James B. Brown Heirs, Devises, Successors or Assigns (1/6)	Prudeceased Patton J. Brown	
(f.1) George Ira Brown Heirs, Devises, Successors or Assigns (1/36)	George I. Brown conveyed his interest to John H. White 10/12/14 John H. White conveyed the interest back to George I. Brown 11/18/20	
(f.1.1) Ella Marge Brown Heirs, Devises, Successors or Assigns	Died Testate - Interest devised to A. P. Brown.	
(f.1.2) A. P. Brown Heirs, Devises, Successors or Assigns (1/36)	Life Estate extinguished	
(f.1.2.1) Anna Ruth Brown - Deceased		
(f.1.2.2) Grover Ira Brown Heirs, Devises, Successors or Assigns (1/72)	0.824 acres 1/72 of 59.35 acres	1.0304%
(f.1.2.2.1) Rodney Lynn Brown 126 Laurel Wood Acres Road Cedar Bluff, VA 24609		
(f.1.2.3) Sarah Arlene Brown Buchanan Heirs, Devises, Successors or Assigns (1/72)	Life Estate in 1772	
(f.1.2.3.1) Preston Buchanan		
(f.1.2.3.2) Laura Buchanan 106 Cricket Ln Cedar Bluff, VA 24609	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.1.2.3.3) Sarah B. Taylor 713 Front St Richlands, VA 24641	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.1.2.3.4) Ira Buchanan 2737 Little Creek Hwy Dublin, VA 24084	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.2) Charles G. Brown Heirs, Devises, Successors or Assigns (1/36)	Died Testate - Interest devised to his notice, Hannah A. Taylor (Daughter of Margie Ascue)	
(f.2.1) Hannah Ascue Brown Taylor Heirs, Devises, Successors or Assigns (1/36)		
(f.2.1.1) Glenn Taylor PO Box 103 Rosedale, VA 24280	0.824 acres 1/72 of 59.35 acres	1.0304%
(f.2.1.2) Barbara Taylor Pauley PO Box 767 Rosedale, VA 24280	0.824 acres 1/72 of 59.35 acres	1.0304%
(f.3) Earl Brown Heirs, Devises, Successors or Assigns (1/36)	Life Estate extinguished	
(f.3.1) Vivian Witt Brown - Deceased		
(f.3.2) Harold Kent Brown Heirs, Devises, Successors or Assigns	Prudeceased Vivian Brown (mother) and survived by widow and one child Died Intestate (1/3 Widow - 2/3 Child)	

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(f.3.2.1) Margaret Hatcher Brown Heirs, devisees, Successors or Assigns		
(f.3.2.1.a) Martha B. and Robert W. Short 6815 Tinkerdale Road Roanoke, VA 24019	0.550 acres 1/108 of 59.35 acres	0.6869%
(f.3.2.2) Martha B. and Robert W. Short 6815 Tinkerdale Road Roanoke, VA 24019	1.099 acres 1/54 of 59.35 acres	1.3738%
(f.4) Leola B. Brown Steele (1/42 + 1/252 = 1/36)		
(f.4.1) Henry Woodrow Steele Heirs, devisees, Successors or Assigns (1/108)		
(f.4.1.1) Buford Earl Steele c/o Juanita Clater P. O. Box 1704 Front Royal, VA 22630	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.4.1.2) Mary Francis Steele Carter Heirs, devisees, Successors or Assigns (1/216)		
(f.4.1.2.a) Kenneth Carter (1/2) 47 Royal Lane, Apt 2 Front Royal, VA 22630	0.137 acres 1/432 of 59.35 acres	0.1717%
(f.4.1.2.b) Tina Carter (1/6) 47 Royal Lane, Apt 2 Front Royal, VA 22630	0.046 acres 1/1296 of 59.35 acres	0.0572%
(f.4.1.2.c) David Carter (1/6) 214 Blue Ridge Ave Apt 3 Front Royal, VA 22630	0.046 acres 1/1296 of 59.35 acres	0.0572%
(f.4.1.2.d) Jennifer Wiles (1/6) 30 W. Strasburg Rd Front Royal, VA 22630	0.046 acres 1/1296 of 59.35 acres	0.0572%
(f.4.2) Cleytor S. Grove Heirs, devisees, Successors or Assigns (1/108)		
(f.4.2.1) Charles M. Grove, Jr. Heirs, devisees, Successors or Assigns (1/216)		
(f.4.2.1.a) Roberta C. Grove 881 Rockland Road Front Royal, VA 22630	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.4.2.2) Shirley G. Singhas 305 Duncan Avenue Front Royal, VA 22630	0.275 acres 1/216 of 59.35 acres	0.3435%

Deeded her interest 10/27/91 to Martha Brown Short & Robert Short (DB 381/012) as tenants by the entirety with rights of survivorship.

A. Inherited a 1/42 interest from James B. Brown (1/7th divided between 6 children)
B. Inherited a 1/252 interest from Florence Crabtree = (1/7th divided between siblings or their heirs = 1/42, then divided between the six heirs of James B. Brown = 1/252)
C. The deed (DB 93283 TC) to George M. Brown for 1/42 interest DOES NOT include the 573.80 acre or the 889.00 acre tracts.

Interest to husband (1/2) and (1/2) each to three children

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(f.4.3) Faye S. Hough Heirs, Deviseses, Successors or Assigns (1/108)		
(f.4.3.1) J. Tyson Hough Heirs, Deviseses, Successors or Assigns		
(f.4.3.1.1) James M. Singhas Heirs, Deviseses, Successors or Assigns		
(f.4.3.1.1.a) Donis L. Singhas Heirs, Deviseses, Successors or Assigns		
(f.4.3.1.1.a.1) Amber Frazier 72 Lime Marl Lane Berryville, VA 22611	0.550 acres 1/108 of 59.35 acres	0.6969%
(f.5) Henry P. Brown Heirs, Deviseses, Successors or Assigns (1/42 + 1/252 = 1/36) (1/252 remaining)		
(f.5.1) George M. Brown (1/42) see (d) above		
(f.5.2) Beatrice F. Brown - Deceased		
(f.5.3) James Moses Brown Heirs, Deviseses, Successors or Assigns (1/504)		
(f.5.3.1) Roxie Brown 108 Brown Bottom Lane Cedar Bluff, VA 24609	0.039 acres 1/1512 of 59.35 acres	0.0491%
(f.5.3.2) James William Brown Heirs, Deviseses, Successors or Assigns (1/756)		
(f.5.3.2.a) Brenda Owens Brown Powell PO Box 1595 Duluth, GA 30096	0.079 acres 1/756 of 59.35 acres	0.0981%
(f.5.4) Eugene Lee Brown Heirs, Deviseses, Successors or Assigns (1/504)		
(f.5.4.1) Martha Evelyn Christian Brown Heirs, Deviseses, Successors or Assigns (1/3 of 1/504 = 1/1512)		
(f.5.4.1.a) Nora Catherine Damron PO Box 540 Cedar Bluff, VA 24609	0.039 acres 1/1512 of 59.35 acres	0.0491%
(f.5.4.2) Virginia Brown Palmer 28068 NC Highway 8 Denton, NC 27239	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.5.4.3) Benjamin Patton Brown 72 Belms Lane Cedar Bluff, VA 24609	0.016 acres 1/3780 of 59.35 acres	0.0196%

Died Testate - Interest devised to the James M. Singhas.

A. Inherited a 1/42 Interest from James B. Brown (1/7th divided between 6 children)
B. Inherited a 1/252 interest from Florence Crabtree = (1/7th divided between siblings or their heirs = 1/42, then divided between the six heirs of James B. Brown = 1/252)

Conveyed 1/42 interest to George M. Brown (DB 60264) before Florence Crabtree died, see (f) above.

Life Estate extinguished

Inherited a (1/2) interest of the 1/252 interest from Florence Crabtree
1/3 to Spouse (1/7512) & 2/3 to Children (1/756)

Died Testate - Interest devised to Brenda Brown, wife

Inherited a (1/2) interest of the 1/252 interest from Florence Crabtree
1/3 to Spouse (1/7512) & 2/3 to Children (1/756 divided between 5 children)

Died Testate - Interest devised to Nora C. Damron, daughter.

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(f.5.4.4) Charles Henry Brown 14376 Peaceful Valley Road Abingdon, VA 24210	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.5.4.5) William David Brown 609 Fulton Street Millville, NJ 08332	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.5.4.6) Eugene L. Brown, Jr. 3875 Gratton Road Tazewell, VA 24651	0.016 acres 1/3780 of 59.35 acres	0.0196%
(f.6) Marjorie Brown Ascue Heirs, Devises, Successors or Assigns (1/36)		
(f.6.1) Russell A. Ascue - Deceased	Life Estate extinguished	
(f.6.2) Ruth A. Martin (aka Myrtle Ruth Martin) (1/108)		
(f.6.2.1) Joseph B. Martin, Jr. 3844 Tangle Oak Drive Clemmons, NC 27012	0.550 acres 1/108 of 59.35 acres	0.6869%
(f.6.3) Catherine A. Lee Heirs, Devises, Successors or Assigns (1/108)		
(f.6.3.1) Morris R. Lee 1072 Ascue Road Cedar Bluff, VA 24609	0.550 acres 1/108 of 59.35 acres	0.6869%
(f.6.4) Hannah Ascue Taylor Heirs, Devises, Successors or Assigns (1/108 + 1/36 = 1/27)		
(f.6.4.1) Barbara Taylor Pauley P.O. Box 767 Rosedale, VA 24280	0.275 acres 1/216 of 59.35 acres	0.3435%
(f.6.4.2) Glenn C. Taylor P.O. Box 103 Rosedale, VA 24280	0.275 acres 1/216 of 59.35 acres	0.3435%
(g) Florence Crabtree Heirs, Devises, Successors or Assigns (1/7)		
Tract No. 2, 18.00 Acres		
(f) J. H. Franks Heirs, et al., Tr. 9A (64.50 Acre Tract)	18.00 acres	22.5000%
(a) Franks Estate c/o Nelson Franks 2712 Maplewood Rd Henrico, VA 23228	9.00 acres 1/2 of 18.00 acres	11.2500%
(b) Ronald Clyborne 8325 Olympic View Drive Edmonds, WA 98020-2397	9.00 acres 1/2 of 18.00 acres	11.2500%

Exhibit B
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
Tract No. 3-2.65 Acres		
<i>There is a Title Conflict pertaining to the ownership on this tract but Royalty Division Agreements were executed between all of the parties.</i>		
(1) CNX Gas Company LLC 1000 Consol Energy Drive Canonsburg, PA 15317	2.65 acres	3.3125%
- OR -		
(1) CNX Gas Company LLC, et al <i>Tract 7A (Mary A. Day Tract - 67.50 acres)</i>	2.65 acres	3.3125%
(a) CNX Gas Company LLC 1000 Consol Energy Drive Canonsburg, PA 15317	1.33 acres 1/2 of 2.65 acres	1.6563%
(b) Cora Metcalf Franks Estate c/o Nelson Franks 2712 Maplewood Rd Henrico, VA 23228	0.66 acres 1/4 of 2.65 acres	0.8281%
(c) Ruth Culbertson Heirs, Devisees, Successors or Successors or Assigns (1/4)		
(c-1) George M. Culbertson 22400 NE 23rd Court Ridgefield, WA 98642	0.17 acres 1/16 of 2.65 acres	0.2070%
(c-2) William A. Culbertson Heirs, Devisees, Successors or Assigns		
(c-2.1) Comelia A. (aka Susie) Culbertson P.O. Box 185 Doran, VA 24612	0.17 acres 1/16 of 2.65 acres	0.2070%
(c-3) Carole Lea Culbertson Meade P.O. Box 123 Williamson, SC 29697	0.17 acres 1/16 of 2.65 acres	0.2070%
(c-4) Nancy Elaine Culbertson Ratliff 175 Acre Lane Cedar Bluff, VA 24609	0.17 acres 1/16 of 2.65 acres	0.2070%

Exhibit B-3
UNIT N-39
Docket # VGOB-00-0321-0775-03
List of Unleased Owners/Claimants

	Acres in Unit	Percent of Unit	Division of Interest in			
			2 East Panel 0.4009%	3 East Panel 17.5300%	4 East Panel 16.1325%	
II. OIL & GAS OWNERSHIP						
Tract No. 1, 59.35 Acres						
(1) P.J. Brown Heirs, et al (573.80 Acre Tract)	59.35 acres	74.1875%				
(f) James B. Brown Heirs, Devisees, Successors or Assigns						
(f.5) Henry P. Brown Heirs, Devisees, Successors or Assigns						
(f.5.4) Eugene Lee Brown Heirs, Devisees, Successors or Assigns						
(f.5.4.2) Virginia Brown Palmer 26068 NC Highway 8 Denton, NC 27239	0.016 acres 1/3780 of 59.35 acres	0.0196%	0.0001%	0.0034%	0.0032%	
(f.5.4.3) Benjamin Patton Brown 72 Beths Lane Cedar Bluff, VA 24609	0.016 acres 1/3780 of 59.35 acres	0.0196%	0.0001%	0.0034%	0.0032%	
(f.5.4.4) Charles Henry Brown 14376 Peaceful Valley Road Abingdon, VA 24210	0.016 acres 1/3780 of 59.35 acres	0.0196%	0.0001%	0.0034%	0.0032%	
(f.5.4.5) William David Brown 609 Fulton Street Millville, NJ 08332	0.016 acres 1/3780 of 59.35 acres	0.0196%	0.0001%	0.0034%	0.0032%	
(f.5.4.6) Eugene L. Brown, Jr. 3875 Graitton Road Tazewell, VA 24651	0.016 acres 1/3780 of 59.35 acres	0.0196%	0.0001%	0.0034%	0.0032%	

Total Unleased O&G Estates
Acres 0.0785
Percent 0.0981%

180000202

INSTRUMENT 180000202
RECORDED IN THE CLERK'S OFFICE OF
BUCHANAN COUNTY CIRCUIT COURT ON
January 29, 2018 AT 04:05 PM
BEVERLY S. TILLER , CLERK
RECORDED BY: GGB