

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: Pocahontas Gas LLC ) VIRGINIA GAS  
 ) AND OIL BOARD  
RELIEF SOUGHT: POOLING OF INTERESTS IN )  
DRILLING UNIT M-41 LOCATED ) DOCKET NO.  
IN THE OAKWOOD COALBED METHANE GAS ) 95-0620-0507-02  
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 M-41 )  
(herein "Subject Drilling Unit") )  
IN THE OAKWOOD COALBED METHANE GAS FIELD I )  
GARDEN MAGISTERIAL DISTRICT, )  
JEWELL RIDGE 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 **February 19, 2019** 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 **Pocahontas Gas 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, **Pocahontas Gas 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:

190000270

Completed-for-Production Cost:           \$870,443.06  
(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): **Pocahontas Gas 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:

**Pocahontas Gas LLC  
128 Glenwood Street  
Cedar Bluff, VA 24609  
Attn: Sherri R. Scott**

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. **Pocahontas Gas LLC**, a Virginia limited liability company is duly authorized and qualified to transact business in the Commonwealth of Virginia;
- 17.2. **Pocahontas Gas 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. **Pocahontas Gas LLC** is an operator in the Commonwealth of Virginia, and has satisfied the Board's requirements for operations in Virginia;
- 17.4. **Pocahontas Gas LLC** claims ownership of gas leases, Coalbed Methane Gas leases, and/or coal leases representing **99.8966** 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 **0.1034** 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).

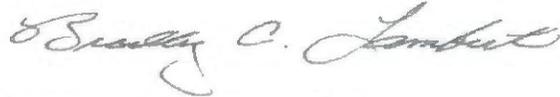
20. Conclusion: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.

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.

190000270

DONE AND EXECUTED this 28 day of February, 2019 by a majority of the Virginia Gas and Oil Board.



Chairman, Bradley C. Lambert

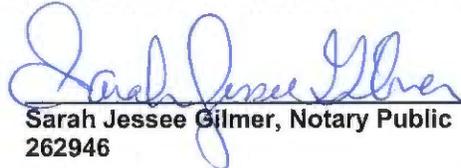
DONE AND PERFORMED this 28 day of February, 2019 by Order of the Virginia Gas and Oil Board.



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

COMMONWEALTH OF VIRGINIA  
COUNTY OF RUSSELL

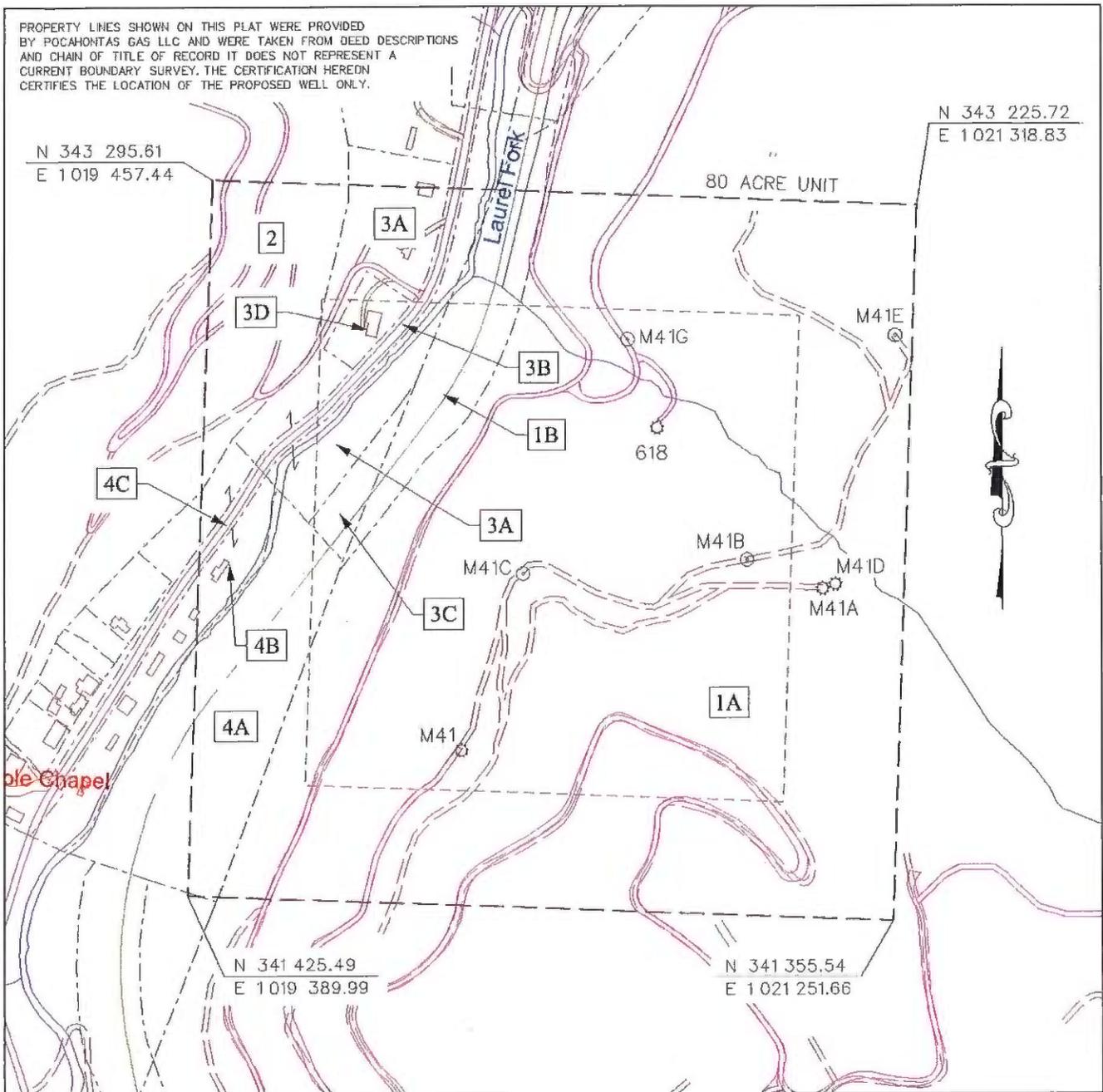
Acknowledged on this 28<sup>th</sup> day of February, 2019 personally before me a notary public in and for the Commonwealth of Virginia, appeared Bradley C. Lambert, being duly sworn did depose and say that he is the Chairman of the Virginia Gas and Oil Board and appeared Rick Cooper, being duly sworn 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

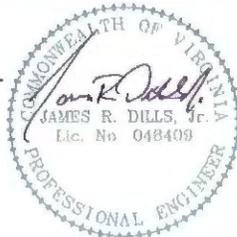
My Commission expires: July 31, 2021



PROPERTY LINES SHOWN ON THIS PLAT WERE PROVIDED BY POCAHONTAS 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=D. R. PRICE  
 ENGINEERING AND LAND  
 SURVEYING INC PC, ou=D. R. PRICE  
 ENGINEERING AND LAND  
 SURVEYING INC PC, cn=James R  
 Dills Jr.,  
 0.9.2342.19200300.100.1.1=A01096  
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 Date: 2019.01.03 07:30:31 -05'00'

EXHIBIT A  
 OAKWOOD FIELD  
 UNIT M41  
 FORCE POOLING  
 VGOB-95-0620-0507-02

Company POCAHONTAS GAS LLC Well Name and Number UNIT M41  
 Tract No. \_\_\_\_\_ Elevation \_\_\_\_\_ Quadrangle JEWELL RIDGE  
 County BUCHANAN District GARDEN Scale: 1" = 400' Date 12/12/18  
 This plat is a new plat \_\_\_\_\_ ; an updated plat X ; or a final plat \_\_\_\_\_

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

**CNX Gas Company LLC**  
**UNIT M 41**  
**Tract Identifications**

1. P. J. Brown Heirs, et al (889 Acre Tract) – All Minerals  
 Buchanan Mining Company LLC – Coal Below Drainage Leased  
 Revelation Energy, LLC – Coal Above Drainage Leased  
 CNX Gas Company LLC – Oil, Gas and CBM Leased (99.8677%)  
 62.55 Acres                      78.1875%
- 1A. P. J. Brown Heirs – Surface
- 1B. Norfolk Southern Railway Company – Surface
2. Brenda C. Horton, et al (200 Acre Tract) – All Minerals  
 Buchanan Mining Company LLC – Coal Below Drainage Leased  
 CNX Gas Company, LLC – Oil, Gas and CBM Leased  
 Brenda C. Horton, et al – Surface  
 4.36 Acres                      5.4500%
3. Brenda C. Horton, et vir (8.03 Acre Tract) – All Minerals  
 Buchanan Mining Company – Coal Below Drainage Leased  
 CNX Gas Company LLC – CBM Leased  
 6.87 Acres                      8.5875%
- 3A. Brenda C. Horton, et vir – Surface
- 3B. Unknown Surface Owner
- 3C. Unknown Surface Owner
- 3D. Unknown Surface Owner
4. Buchanan Mining Company, LLC – Coal  
 CNX Gas Company LLC – Oil and Gas  
 6.22 Acres                      7.7750%
- 4A. Norfolk Southern Railway Company – Surface
- 4B. Buchanan Mining Company, LLC – Surface
- 4C. Unknown Surface Owner

"This title block is for general informational purposes only and does not reflect an analysis of the severance deed and its effect upon coal bed methane ownership and should not be relied upon for such purpose."

190000270

Exhibit B  
 Unit M-41  
 Docket #VGOB 95-0620-0507-02  
 List of all Owners/Claimants

	Acres in Unit	Percent of Unit
<b>I. COAL OWNERSHIP</b>		
<u>Tract #1, 62.55 Acres</u>		
(1) P. J. Brown Heirs, et al. (889.00 Acre Tract)	62.55 acres	76.1875%
(a) Narcie Fletcher Heirs, Devises, Successors or Assigns (1/6)	<i>Died Testate - Interest devised to Laura C. Repass</i>	
(a.1) Laura C. Repass Heirs, Devises, Successors or Assigns	<i>Predeceased Narcie Fletcher interest passed to daughter</i>	
(a.1.1) Lynn Repass Mullins, Heirs, Successors or Assigns	<i>Died Testate - Interest devised to John R. Mullins</i>	
(a.1.1.1) John R. Mullins	<i>By deed dated 11/2/92 (DB 403/18) conveyed his interest to his five children</i>	
<i>The interest of John R. Mullins was involved in a Bankruptcy Court Order. See Settlement Agreement dated 4/11/11 for disbursement.</i>		
<i>Royalty Payments per the 04/11/11 Settlement Agreement</i>		
<i>(60% divided between the Lynn A. Lawson Trust, Susan G. Maynard Trust and Mary Ann Mullins Trust)</i>		
(a.1.1.1.a) Mary Ann Mullins Trust c/o Mary Ann Strong Trustee 168 Sandy Lane Richlands, VA 24641	2.0850 acres 1/30 of 62.55 acres	2.6063%
(a.1.1.1.b) Susan G. Maynard Trust c/o Susan G. Maynard Trustee 904 Suncrest Place Morgantown, WV 26505	2.0850 acres 1/30 of 62.55 acres	2.6063%
(a.1.1.1.c) Lynn A. Lawson Trust c/o Lynn A. Lawson Trustee 319 Tazewell Avenue Richlands, VA 24641 <i>(40% to the Bankruptcy Trustee)</i>	2.0850 acres 1/30 of 62.55 acres	2.6063%
(a.1.1.1.d) Barrett L. Crawford, Bankruptcy Trustee for Charles R. Mullins Trust & John R. Mullins, II Trust 4600 Park Road, Suite 420 Charlotte, NC 28209	4.1700 acres 1/15 of 62.55 acres	5.2125%
(b) Ella W. Weddington Heirs, Devises, Successors or Assigns (1/6)		
(b.1) Hattie Thompson (1/18)	<i>Conveyed (1/2) interest to Oscar W. Thompson, Jr. (DB 290/440) &amp; (1/2) interest Betty T. Scott (DB 290/437)</i>	
(b.1.1) Oscar W. Thompson, Jr. Heirs, Devises, Successors or Assigns		
(b.1.1.1) James F. Thompson PO Box 72 Pikeville, KY 41502	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.1.1.2) Janie T. Hall PO Box 2316 Pikeville, KY 41502	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.1.1.3) Oscar W. Thompson, III PO Box 3170 Pikeville, KY 41502	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.1.2) Betty T. Scott Heirs, Devises, Successors or Assigns		
(b.1.2.1) William T. Scott PO Box 1316 Pikeville, KY 41502	0.8688 acres 1/72 of 62.55 acres	1.0859%
(b.1.2.2) John H. Scott, III PO Box 2817 Pikeville, KY 41502	0.8688 acres 1/72 of 62.55 acres	1.0859%
(b.2) Edith Cassady (1/18)	<i>Conveyed her interest to Edith Mae Vanhoose (1/2) &amp; Ballard W. Cassady (1/2) DB 290/341</i>	
(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 278 Yorkwood Forest Drive Pikeville, KY 41501	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.2.1.2) Charles R. Vanhoose Trust c/o Charles R. Vanhoose, Trustee 149 Thompson Road Pikeville, KY 41501	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.2.1.3) William C. Vanhoose Trust c/o Wm. C. Vanhoose, Trustee 178 East Cedar Drive Pikeville, KY 41501	0.5792 acres 1/108 of 62.55 acres	0.7240%

190000270

Exhibit B  
Unit M-41  
Docket #VGOB 95-0620-0507-02  
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(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	1.7375 acres 1/36 of 62.55 acres	2.1719%
(b.3) Fae W. Ramsay (1/18) (aka Faye)		
(b.3.1) James P. Ramsay, Sr. Heirs, Devises, Successors or Assigns (1/54)		
(b.3.1.1) Michael C. Ramsay Heirs, Devises, Successors or Assigns		
(b.3.1.1.1) Jennifer Lynn Ramsey PO Box 5660 Eugene, OR 97405-0660	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.3.1.2) James P. Ramsay, Jr. Heirs, Devises, Successors or Assigns <i>LOH requested 1/31/2017</i>	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.3.1.2.1) Deborah K. Ramsey 908 St. Patrick Drive Tallahassee, FL 32310		
(b.3.1.2.2) James Patton Ramsey, III 85 Weddington Branch Road Pikeville, KY 41501		
(b.3.1.2.3) Clyde Dawson Ramsey 1121 Nandina Court Tallahassee, FL 32308		
(b.3.2) Susan Joyce Ramsey Aldrich 85 Weddington Branch Road Pikeville, KY 41501	0.3861 acres 1/162 of 62.55 acres	0.4826%
(b.3.3) Joe B. Ramsey, Sr. (aka Joe E. Ramsey) 354 Weddington Branch Road, Suite 1 Pikeville, KY 41501	1.1583 acres 1/54 of 62.55 acres	1.4478%
(b.3.4) William N. Ramsey, Jr. 85 Weddington Branch Road Pikeville, KY 41501	0.3861 acres 1/162 of 62.55 acres	0.4826%
(b.3.5) George Frank Ramsey Heirs, Devises, Successors or Assigns		
(b.3.5.1) Teddy Colley 85 Weddington Branch Rd. Pikeville, KY 41501	0.3861 acres 1/162 of 62.55 acres	0.4826%
(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 Sinan - Deceased		
(c.1.2.1.a.1.2) Eleanor Lynette Lemaire 864 West Street Carlisle, MA 01741	5.2125 acres 1/12 of 62.55 acres	6.5156%
(c.2) Guy P. Carter (1/12)		
(c.2.1) Johnnye H. Carter Greer Hunter - Deceased (1/24)		
(c.2.1.1) Waban Page Carter 601 Kemp Road West Greensboro, NC 27410	0.8688 acres 1/72 of 62.55 acres	1.0859%
(c.2.1.2) Johnnye Juan Carter Lettlerman 4 Haverford Pt Greensboro, NC 27455	0.8688 acres 1/72 of 62.55 acres	1.0859%

Exhibit B  
Unit M-41  
Docket #VGOB 95-0620-0507-02  
List of all Owners/Claimants

190000270

	Acres in Unit	Percent of Unit
(c.2.1.3) Toni Bates McGowan 1916 Trumbull Drive Dunwoody, GA 30338	0.8688 acres 1/72 of 62.55 acres	1.0859%
(c.2.2) John W. Gillespie Heirs, Devises, Successors or Assigns (1/24)		
(c.2.2.1) John W. Gillespie Trust	Trustee conveyed interest to Gillespie Co. (DB 473/468)	
(c.2.2.1.a) Gillespie Company P.O. Box 675 Tazewell, VA 24651	2.6063 acres 1/24 of 62.55 acres	3.2578%
(d) George M. Brown Heirs, Devises, Successors or Assigns (1/6 + 1/42 = 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) H. Eldridge Brown Heirs, Devises, 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, Harry Brown II, George Brown	
(d.1.1) Gertrude Hudson Brown (1/12)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.2) Pauline Brown Hagy (1/36)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.3) Henry Eldridge Brown II (1/36)	By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)	
(d.1.4) George Clayde Brown (1/36)	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	10.4250 acres 1/6 of 62.55 acres	13.0313%
(e) Rosa B. McKenry Heirs, Devises, Successors or Assigns (1/6)		
(e.1) John A. McKenry - Deceased	Life Estate extinguished	
(e.2) Luther George McKenry Heirs, Devises, Successors or Assigns (1/36)		
(e.2.1) Patricia Throuville McKenry * - Deceased	Life Estate extinguished	
(e.2.2) Charles Robert McKenry * (1/72)		
(e.2.2.1) Jean McKenry 3122 Birch St Carmichael CA 95608	0.2896 acres 1/216 of 62.55 acres	0.3620%
(e.2.2.2) Alan McKenry 5912 Via Casillas Carmichael CA 95608	0.2896 acres 1/216 of 62.55 acres	0.3620%
(e.2.2.3) Lea Amy Sacks 940 El Oro Dr Carmichael CA 95603	0.2896 acres 1/216 of 62.55 acres	0.3620%
(e.2.3) Nancy McKenry Goss * (1/72) 502 W. Broad St., #314 Falls Church, VA 22046	0.8688 acres 1/72 of 62.55 acres	1.0859%
(e.3) James S. McKenry (1/36 + 1/36 = 1/18)	Includes the 1/36 interest from Ruth M. Ainsley, see (e 7) below. By 2/17/87 deed, the interest was conveyed to James R. McKenry (DB 329/659)	
(e.3.1) James R. McKenry * (1/18)		
(e.3.1.1) Susan W. McKenry 3810 Atlantic Ave Virginia Beach VA 23451-2796	3.4750 acres 1/18 of 62.55 acres	4.3438%
***Life Estate --- Susan W. McKenry is entitled to life estate and royalties in 1/18th per James R. McKenry's will		
(e.3.1.2) James Reinhardt McKenry, Jr. 16 Riverbank Ct. #1 New Canaan, 06840		
(e.3.1.3) Monica Cole McKenry Johnson 4630 Sperryville Pike Woodville, VA 22749		
(e.3.1.4) Margaret Nash 4021 Shallowbrook Lane Clney, MD 20832		
(e.4) John A. McKenry, Jr. (1/36)	Died Testate - Interest devised/deed his four children.	
(e.4.1) John A. McKenry, III * (D.O.D. 5/13/2015) Instr 15-0303, Instr 17-0317		
(e.4.1.1) Mary McKenry PO Box 138 Idledale CO 80453-0138	0.1448 acres 1/432 of 62.55 acres	0.1810%

Exhibit B  
Unit M-41  
Docket #VGOB 95-0620-0507-02  
List of all Owners/Claimants

190000270

	Acres in Unit	Percent of Unit
(e.4.1.2) Natalie McKenry 599 Wight St Lakewood CO 80228	0.0965 acres 1/648 of 62.55 acres	0.1207%
(e.4.1.3) Elizabeth Gillespie 4689 S Mariposa Dr Englewood CO 80110	0.0965 acres 1/648 of 62.55 acres	0.1207%
(e.4.1.4) Kimberly Ann Strotz (D.O.D. 4/14/2011) Predeceased John McKenry III		
(4.4.1.4.1) William E Strotz III PO Box 178 Idledale CO 80453	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(4.4.1.4.2) Jonathan A Strotz 16805 W. 16th Place Golden CO 80401-2712	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(4.4.1.4.3) Josiah D. Strotz c/o William Strotz - Guardian 16805 W. 16th Place Golden CO 80401-2712	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(4.4.1.4.4) Rachel J. Strotz c/o William Strotz - Guardian 16805 W. 16th Place Golden CO 80401-2712	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(4.4.1.4.5) Amy Olivia Grace Strotz c/o William Strotz - Guardian 16805 W. 16th Place Golden CO 80401-2712	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(e.4.2) Elizabeth A. McKenry Mayhew * (1/144) aka Betty 1063 Hollow Hill Rd Lynchburg, VA 24503	0.4344 acres 1/144 of 62.55 acres	0.5430%
(e.4.3) James Paris McKenry Heirs, Devisees, Successors or Assigns <i>Died Intestate - 1/3 spouse and 2/3 children</i>		
(e.4.3.1) Michelle Martin McKenry (now Webb) (1/432) <i>Deeded her (1/432) interest to her step-daughter (Cynthia McKenry-Thamien)</i>		
(e.4.3.2) Cynthia McKenry-Thamien (1/216 + 1/432 = 1/144) PO Box 205 Church View, VA 23032	0.4344 acres 1/144 of 62.55 acres	0.5430%
(e.4.4) Natalie Sue McKenry Callis * (1/144) 53 Parkers Point Blvd. Forked River, NJ 08731	0.4344 acres 1/144 of 62.55 acres	0.5430%
(e.5) A. P. McKenry Heirs, Devisees, Successors or Assigns (1/36)		
(e.5.1) Ellen S. McKenry * - Deceased <i>Life Estate extinguished</i>		
(e.5.2) Lucie M. Baidie Heirs, Devisees, Successors or Assigns* (1/72)		
(e.5.2.1) Ellen Allen 109 Horn Creek Ct. Cary, NC 27519	0.8688 acres 1/72 of 62.55 acres	1.0859%
(e.5.3) A. P. McKenry, Jr. Heirs, Devisees, Successors or Assigns (1/72)		
(e.5.3.1) Eloise N. McKenry Heirs, Devisees, Successors or Assigns* (1/72)		
(e.5.3.1.1) Eloise G. McKenry Trust - Trust terminated upon death of Mattie Leigh Wilkie <i>May Leigh Crain Assigned 4/9/2015 to Ellen Baidi Allen</i>		
(e.5.3.1.2) Ellen Allen 109 Horn Creek Ct. Cary, NC 27519	0.8688 acres 1/72 of 62.55 acres	1.0859%
(e.6) Carl E. B. McKenry, Sr. Heirs, Devisees, Successors or Assigns (1/36)		
(e.6.1) Carl E. B. McKenry, Jr. * (1/36)		
(e.6.1.1) Claire C. Molloy 7 Lilone Grove Ballybeg Ennis, County Clare, Ireland	1.7375 acres 1/36 of 62.55 acres	2.1719%
(e.7) Ruth M. Ainsley (1/36) <i>Conveyed her interest to John A. McKenry, Jr. &amp; James S. McKenry, as joint tenants with rights of survivorship. (DB 402/387 TC) John A. McKenry was deceased first vesting title to James S. McKenry</i>		

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

Correspondences and Payment are to be made to:  
James R. McKenry, AIF for  
Rosa B. McKenry Heirs  
192 Ballard Court, Suite 400  
Virginia Beach, VA 23462-6538

**Exhibit B**  
**Unit M-41**  
**Docket #VDOB 95-0620-0507-02**  
**List of all Owners/Claimants**

	Acres in Unit	Percent of Unit
(f) James B. Brown Heirs, Devisees, Successors or Assigns (1/6)	<i>Predeceased Patton J. Brown</i>	
(f.1) George Ira Brown Heirs, Devisees, Successors or Assigns (1/36)	<i>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</i>	
(f.1.1) Ella Madge Brown Heirs, Devisees, Successors or Assigns	<i>Died Testate - Interest devised to A. P. Brown.</i>	
(f.1.2) A. P. Brown Heirs, Devisees, Successors or Assigns (1/36)		
(f.1.2.1) Anna Ruth Brown - <i>Deceased</i>	<i>Life Estate extinguished</i>	
(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	0.8688 acres 1/72 of 62.55 acres	1.0859%
(f.1.2.3) Sarah Arlene Brown Buchanan (D.O.D. 12/24/2015) Instr t6-0166		
(f.1.2.3.1) Preston Buchanan 50 Cricket Lane Cedar Bluff VA 24609-8275	0.8688 acres 1/72 of 62.55 acres	1.0859%
<i>***Per will of Sarah A Buchanan Preston - P.J Brown interests are to be used by Preston until his death at which time they go to Laura, Sarah, and Ira</i>		
(f.1.2.3.1.2) Laura Buchanan 106 Cricket Lane Cedar Bluff VA 24609		
(f.1.2.3.1.3) Sarah B. Taylor 713 Front Street Richlands VA 24841		
(f.1.2.3.1.4) Ira Buchanan 2737 Little Creek Hwy Dublin VA 24084		
(f.2) Charles G. Brown Heirs, Devisees, Successors or Assigns (1/36)	<i>Died Testate - Interest devised to his niece, Hannah A. Taylor (Daughter of Margie Ascue)</i>	
(f.2.1) Hannah Ascue Brown Taylor (1/36)	<i>See (f.6.4) below, combined with additional interests</i>	
(f.2.1.1) Barbara Taylor Pauley P.O. Box 767 Rosedale, VA 24280	0.8688 acres 1/72 of 62.55 acres	1.0859%
(f.2.1.2) Glenn C. Taylor P.O. Box 103 Rosedale, VA 24280	0.8688 acres 1/72 of 62.55 acres	1.0859%
(f.3) Earl Brown Heirs, Devisees, Successors or Assigns (1/36)		
(f.3.1) Vivian Will Brown - <i>Deceased</i>	<i>Life Estate extinguished</i>	
(f.3.2) Herold Kent Brown Heirs, Devisees, Successors or Assigns	<i>Predeceased Vivian Brown (mother) and survived by widow and one child Died Intestate (1/3 Widow - 2/3 Child)</i>	
(f.3.2.1) Margaret Hatcher Brown Heirs, Devisees, Successors or Assigns	<i>Deeded her interest 10/21/51 to Martha Brown Short &amp; Robert Short (DB 381/812) as tenants by the entirety with rights of survivorship.</i>	
(f.3.2.1.a) Martha B. and Robert W. Short 6815 Tinkerdale Road Roanoke, VA 24019	0.5792 acres 1/108 of 62.55 acres	0.7240%
(f.3.2.2) Martha B. Short 6815 Tinkerdale Road Roanoke, VA 24019	1.1583 acres 1/54 of 62.55 acres	1.4479%
(f.4) Leola B. Brown Steele	<p>A. Inherited a 1/42 interest from James B. Brown (1/7th divided between 6 children)</p> <p>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)</p> <p>C. The deed (DB 93/283 TC) to George M. Brown for 1/42 interest <b>DOES NOT</b> include the 573.80 acre or the 689.00 acre tracts.</p>	
(f.4.1) Henry Woodrow Steele Heirs, Devisees, Successors or Assigns (1/108)		
(f.4.1.1) Buford Earl Steele Heirs, Devisees, Successors or Assigns		
(f.4.1.1.1) Juanita Clater P. O. Box 1704 Front Royal, VA 22630	0.2896 acres 1/216 of 62.55 acres	0.3620%
(f.4.1.2) Mary Francis Steele Carter Heirs, Devisees, Successors or Assigns (1/216)	<i>Interest to husband (1/2) and (1/2) each to three children</i>	
(f.4.1.2.1) Kenneth Carter 47 Royal Ln, Apt 2 Front Royal, VA 22630	0.1448 acres 1/432 of 62.55 acres	0.1810%

Exhibit B  
Unit M-41  
Docket #VBOB 95-0620-4507-02  
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(f.4.1.2.2) Tina Carter 47 Royal Ln, Apt 2 Front Royal, VA 22630	0.0483 acres 1/1296 of 62.55 acres	0.0603%
(f.4.1.2.3) David Carter 214 Blue Ridge Ave, Apt 3 Front Royal, VA 22630	0.0483 acres 1/1296 of 62.55 acres	0.0603%
(f.4.1.2.4) Jennifer Carter Wiles 30 West Strasburg Road Front Royal, VA 22630	0.0483 acres 1/1296 of 62.55 acres	0.0603%
(f.4.2) Claytor 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) Roberts C. Grove Heirs, Devisees, Successors, or Assigns <i>Documentation Pending</i>	0.2896 acres 1/216 of 62.55 acres	0.3620%
(f.4.2.1.a.1) Ernest Grove 954 Vista Ridge Court Front Royal, VA 22630		
(f.4.2.1.a.2) Brian Grove 25 Summit Ridge Road Christiansburg, VA 24073		
(f.4.2.2) Shirley G. Singhas 305 Duncan Avenue Front Royal, VA 22630	0.2896 acres 1/216 of 62.55 acres	0.3620%
(f.4.3) Faye S. Hough Heirs, Devisees, Successors or Assigns (1/108)		
(f.4.3.1) J. Tyson Hough Heirs, Devisees, Successors or Assigns	<i>Died Testate - Interest devised to the James M. Singhas.</i>	
(f.4.3.1.1) James M. Singhas Heirs, Devisees, Successors or Assigns		
(f.4.3.1.1.a) Doris L. Singhas Heirs, Devisees, Successors or Assigns		
(f.4.3.1.1.a.1) Amber Frazier 72 Lime Marl Lane Berryville, VA 22611	0.5792 acres 1/108 of 62.55 acres	0.7240%
(f.5) Henry P. Brown Heirs, Devisees, Successors or Assigns (1/42 + 1/252 = 1/36) (1/252 remaining)	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)	
(f.5.1) George M. Brown (1/42) <i>see (d) above</i> H. Eldridge Brown Heirs Gertrude H Bron conveyed interest DB 403/183 to Eldridge Brown Company Pauline B Hagy conveyed interest DB 403/183 to Eldridge Brown Company Henry Eldridge Brown II conveyed interest DB 403/183 to Eldridge Brown Company George C Brown conveyed interest (DB 403/183) to Eldridge Brown Company	<i>Conveyed 1/42 interest to George M. Brown (DB 60/254) before Florence Crabtree died, see (d) above.</i>	
(f.5.1.1) Eldridge Brown Company PO Box 730 Richlands VA 24641	1.4893 acres 1/42 of 62.55 acres	1.8616%
(f.5.2) Beatrice F. Brown - <i>Deceased</i>	<i>Life Estate extinguished</i>	
(f.5.3) James Moses Brown Heirs, Devisees Successors or Assigns (1/504)	<i>Inherited a (1/2) interest of the 1/252 interest from Florence Crabtree 1/3 to Spouse (1/1512) &amp; 2/3 to Children (1/756)</i>	
(f.5.3.1) Roxie Brown 108 Brown Bottom Lane Cedar Bluff, VA 24609	0.0414 acres 1/1512 of 62.55 acres	0.0517%
(f.5.3.2) James William Brown Heirs, Devisees, Successors or Assigns (1/756)	<i>Died Testate - Interest devised to Brenda Brown, wife</i>	
(f.5.3.2.a) Brenda Owens Brown 4855 Trevino Circle Duluth, GA 30096	0.0827 acres 1/756 of 62.55 acres	0.1034%
(f.5.4) Eugene Lee Brown Heirs, Devisees Successors or Assigns (1/504)	<i>Inherited a (1/2) interest of the 1/252 interest from Florence Crabtree 1/3 to Spouse (1/1512) &amp; 2/3 to Children (1/756 divided between 5 children)</i>	
(f.5.4.1) Marliha Evelyn Christian Brown Heirs, Devisees, Successors or Assigns (1/3 of 1/504 = 1/1512)	<i>Died Testate - Interest devised to Nora C. Damron, daughter.</i>	
(f.5.4.1.a) Nora Catherine Damron PO Box 540 Cedar Bluff, VA 24609	0.0414 acres 1/1512 of 62.55 acres	0.0517%

**Exhibit B**  
**Unit M-41**  
**Docket #VGOB 95-0620-4507-02**  
**List of all Owners/Claimants**

	Acres In Unit	Percent of Unit
(f.5.4.2) Virginia Brown Palmer 26066 NC Highway 8 Denton, NC 27239	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.5.4.3) Benjamin Patton Brown 72 Belth Lane Cedar Bluff, VA 24609	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.5.4.4) Charles Henry Brown 14376 Peaceful Valley Road Abingdon, VA 24210	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.5.4.5) William David Brown 609 Fulton Street Milville, NJ 08332	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.5.4.6) Eugene L. Brown, Jr. 3875 Gralton Road Tazewell, VA 24651	0.0165 acres 1/3780 of 62.55 acres	0.0207%
<b>(f.6) Marjorie Brown Ascue Heirs, Devises, Successors or Assigns (1/36)</b>		
(f.6.1) Russell A. Ascue - <i>Deceased</i>	<i>Life Estate extinguished</i>	
(f.6.2) Ruth A. Martin (aka Myrtle Ruth Martin) (1/108)		
(f.6.2.1) Joseph B. Martin, Jr. 3844 Tangle Oak Drive Clammons, NC 27012	0.5792 acres 1/108 of 62.55 acres	0.7240%
(f.6.3) Catherine A. Lee Heirs, Devises Successors or Assigns (1/108) <i>Died Testate - Interest devised to her son, Morris Richard Lee</i>		
(f.6.3.1) Morris R. Lee 1072 Ascue Road Cedar Bluff, VA 24609	0.5792 acres 1/108 of 62.55 acres	0.7240%
(f.6.4) Hannah Ascue Taylor Heirs, Devises, Successors or Assigns (1/108 + 1/36 = 1/27) <i>Died Testate - Interest devised equally to Barbara L. Pauley &amp; Glenn C. Taylor Inherited 1/108 from Marjorie Brown Ascue &amp; 1/36 from Charles G. Brown (see f.2 above)</i>		
(f.6.4.1) Barbara Taylor Pauley P.O. Box 767 Rosedale, VA 24280	0.2896 acres 1/216 of 62.55 acres	0.3620%
(f.6.4.2) Glenn C. Taylor P.O. Box 103 Rosedale, VA 24280	0.2896 acres 1/216 of 62.55 acres	0.3620%
(g) Florence Crabtree Heirs, Devises, Successors or Assigns (1/7) <i>Died Testate - Interest devised to the Estate of P.J. Brown.</i>		
<b><u>Tract #2, 4.36 Acres</u></b>		
(f) Brenda C. Horton, et al. (200 Acre Tract)	4.36 acres	5.4500%
(a) Brenda C. Horton <i>(see below Note)</i> P.O. Box 459 Richlands, VA 24641	1.96 acres 9/20 of 4.36 acres	2.4525%
(b) David S. Horton <i>(see below Note)</i> P.O. Box 459 Richlands, VA 24641	1.96 acres 9/20 of 4.36 acres	2.4525%
(c) David S. Horton Irrevocable Trust <i>(see below Note)</i> c/o Beth Osborne Skinner P.O. Box 1809 Bristol, VA 24203	0.44 acres 1/10 of 4.36 acres	0.5450%
<b>NOTE: By an Assignment dated February 7, 1997, whereby 20% of all Oil, Gas &amp; CBM Royalties are to be paid as follows:</b>		
20% or 1/40th Royalty to be paid to: C. R. Bolling 738 Sandy Lane Richlands, VA 24641 Dead 7/31/2015 — Payment to name: Bolling Family Trust		
<b><u>Tract #3, 6.87 Acres</u></b>		
(f) Brenda C. Horton, et vir (8.03 Acre Tract)	6.87 acres	8.5875%
(a) Brenda C. Horton <i>(see below Note)</i> P.O. Box 459 Richlands, VA 24641	3.44 acres 1/2 of 6.87 acres	4.2938%
(b) David S. Horton <i>(see below Note)</i> P.O. Box 459 Richlands, VA 24641	3.44 acres 1/2 of 6.87 acres	4.2938%

190000270

Exhibit B  
Unit M-41  
Docket #VGOB 95-0620-0507-02  
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
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**NOTE:** By an Assignment dated February 7, 1997, whereby 20% of all Oil, Gas & CBM Royalties are to be paid as follows:

20% or 1/40th Royalty to be paid to: C. R. Bolling  
738 Sandy Lane  
Richlands, VA 24641  
Deed 7/31/2015 — Payment to name: Bolling Family Trust

**Tract #4, 6.22 Acres**

(1) Buchanan Mining Company, LLC (2.54 acre tract) 57 Danbury Rd Ste 201 Willon, CT 06897-4439	6.22 Acres	7.7750%
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II. **OIL & GAS OWNERSHIP**

**Tract #1, 62.55 Acres**

(1) P. J. Brown Heirs, et al. (889.00 Acre Tract)	62.55 acres	78.1875%
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- (a) Narcie Fletcher Heirs, Devisees, Successors or Assigns (1/8) *Died Testate - Interest devised to Laura C. Repass*
- (a.1) Laura C. Repass Heirs, Devisees, Successors or Assigns *Predeceased Narcie Fletcher interest passed to daughter*
- (a.1.1) Lynn Repass Mullins, Heirs, Successors or Assigns *Died Testate - Interest devised to John R. Mullins*
- (a.1.1.1) John R. Mullins *By deed dated 11/2/92 (DB 403/18) conveyed his interest to his five children*

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

*Royalty Payments per the 04/11/11 Settlement Agreement*

*(60% divided between the Lynn A. Lawson Trust, Susan G. Maynard Trust and Mary Ann Mullins Trust)*

(a.1.1.1.a) Mary Ann Mullins Trust c/o Mary Ann Strong Trustee 168 Sandy Lane Richlands, VA 24641	2.0850 acres 1/30 of 62.55 acres	2.6063%
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(a.1.1.1.b) Susan G. Maynard Trust c/o Susan G. Maynard Trustee 904 Suncrest Place Morgantown, WV 26505	2.0850 acres 1/30 of 62.55 acres	2.6063%
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(a.1.1.1.c) Lynn A. Lawson Trust c/o Lynn A. Lawson Trustee 319 Tazewell Avenue Richlands, VA 24641  <i>(40% to the Bankruptcy Trustee)</i>	2.0850 acres 1/30 of 62.55 acres	2.6063%
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(a.1.1.1.d) Barrett L. Crawford, Bankruptcy Trustee for Charles R. Mullins Trust & John R. Mullins, II Trust 4600 Park Road, Suite 420 Charlotte, NC 28209	4.1700 acres 1/15 of 62.55 acres	5.2125%
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- (b) Ella W. Weddington Heirs, Devisees, Successors or Assigns (1/6)

(b.1) Hattie Thompson (1/18) *Conveyed (1/2) interest to Oscar W. Thompson, Jr. (DB 290/440) & (1/2) interest Betty T. Scott (DB 290/437)*

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

(b.1.1.1) James F. Thompson PO Box 72 Pikeville, KY 41502	0.5792 acres 1/108 of 62.55 acres	0.7240%
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(b.1.1.2) Janie T. Hall PO Box 2316 Pikeville, KY 41502	0.5792 acres 1/108 of 62.55 acres	0.7240%
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(b.1.1.3) Oscar W. Thompson, III PO Box 3170 Pikeville, KY 41502	0.5792 acres 1/108 of 62.55 acres	0.7240%
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- (b.1.2) Betty T. Scott Heirs, Devisees, Successors or Assigns

(b.1.2.1) William T. Scott PO Box 1316 Pikeville, KY 41502	0.8688 acres 1/72 of 62.55 acres	1.0859%
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(b.1.2.2) John H. Scott, III PO Box 2617 Pikeville, KY 41502	0.8688 acres 1/72 of 62.55 acres	1.0859%
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(b.2) Edith Cassady (1/18) *Conveyed her interest to Edith Mae Vanhouse (1/2) & Ballard W. Cassady (1/2) DB 290/341*

190000270

Exhibit B  
Unit M-41  
Docket #VGOB 95-0620-0507-02  
List of all Owners/Claimants

	Acres In Unit	Percent of Unit
(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 Ycrkwood Forest Drive Pikeville, KY 41501	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.2.1.2) Charles R. Vanhoose Trust c/o Charles R. Vanhoose, Trustee 149 Thompson Road Pikeville, KY 41501	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.2.1.3) William C. Vanhoose Trust c/o Wm. C. Vanhoose, Trustee 176 East Cedar Drive Pikeville, KY 41501	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.2.2) Ballard W. Cassady Heirs, Devises, Successors or Assigns		
(b.2.2.1) Cassady Family Ventures, LLC 143 Walnut Dr. Pikeville, KY 41501	1.7375 acres 1/36 of 62.55 acres	2.1718%
(h.3) Fae W. Ramsay (1/18) (aka Faye)		
	<i>By deeds dated 6/21/87 she conveyed her interest to: James P. Ramsay (1/3), Susan Ramsey (1/9), Susan Ramsey (1/9), Joa B. Ramsey, Sr (1/3), William N. Ramsey, Jr (1/9), G. Frank Ramsey (1/9)</i>	
(b.3.1) James P. Ramsay, Sr. Heirs, Devises, Successors or Assigns (1/54)		
	<i>Died Testate - Interest devised to two sons</i>	
(2.3.1.1) Michael C. Ramsey Heirs, Devises, Successors or Assigns		
(2.3.1.1.1) Jennifer Lynn Ramsey PO Box 5660 Eugene, OR 97405-0660	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.3.1.2) James P. Ramsay, Jr. Heirs, Devises, Successors or Assigns <i>LOH requested 1/31/2017</i>	0.5792 acres 1/108 of 62.55 acres	0.7240%
(b.3.1.2.1) Deborah K. Ramsey 808 St. Patrick Drive Tallahassee, FL 32310		
(b.3.1.2.2) James Patton Ramsey, III 85 Weddington Branch Road Pikeville, KY 41501		
(b.3.1.2.3) Clyde Dawson Ramsey 1121 Nandina Court Tallahassee, FL 32308		
(b.3.2) Susan Joyce Ramsey Aldrich 85 Weddington Branch Road Pikeville, KY 41501	0.3861 acres 1/162 of 62.55 acres	0.4826%
(b.3.3) Joa B. Ramsay, Sr. (aka Joe E. Ramsey) 354 Weddington Branch Road, Suite 1 Pikeville, KY 41501	1.1583 acres 1/54 of 62.55 acres	1.4479%
(b.3.4) William N. Ramsey, Jr. 85 Weddington Branch Road Pikeville, KY 41501	0.3861 acres 1/162 of 62.55 acres	0.4826%
(b.3.5) George Frank Ramsey Heirs, Devises, Successors or Assigns		
(b.3.5.1) Teddy Colley 85 Weddington Branch Rd. Pikeville, KY 41501	0.3861 acres 1/162 of 62.55 acres	0.4826%
(c) Lena B. Carter (1/6) - Deceased (Life Estate extinguished)		
	<i>By deed 12/5/79, conveyed (1/2) interest to Allen B. Carter &amp; (1/2) interest to Guy P. Carter (DB 148/158)</i>	
(c.1) Allen B. Carter (1/12)		
	<i>Conveyed (1/2) interest to William H. Carter &amp; (1/2) interest to Sue C. Lemaire (DB 153/373)</i>	
(c.1.1) William H. Carter (1/24)		
	<i>Conveyed his interest to Victor C. Haga &amp; Sue (Lemake) Haga (DB 170/858)</i>	
(c.1.2) Sue C. Lemaire Haga, et vir. (1/24 + 1/24 = 1/12)		
	<i>Obtained 1/24 from Allen B. Carter and 1/24 from William Carter Conveyed 1/12 interest to Eleanor Wall, et vir.</i>	
(c.1.2.1) Eleanor H. Wall, et vir.		
	<i>Conveyed interest to Sue G. Haga, et vir.</i>	
(c.1.2.1.a) Sue C. Haga, et vir.		
	<i>Conveyed interest to Victor Carl Haga (husband)</i>	
(c.1.2.1.a.f) Victor Carl Haga, et ux.		
	<i>Conveyed interest to Sue Carter Sloan for Life and Remainder to Eleanor Lynette Lemaire</i>	
(c.1.2.f.a.f.1) Sue Sloan - Deceased		
	<i>Interest only for Life then passes</i>	

Exhibit B  
Unit M-41  
Docket #VGOB 95-0620-0507-02  
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(c.1.2.1.a.1.2) Eleanor Lynette Lemaire 864 West Street Carlisle, MA 01741	5.2125 acres 1/12 of 62.55 acres	6.5156%
(c.2) Guy P. Carter (1/12)	<i>Conveyed (1/2) interest to Johnnye H. Carter &amp; (1/2) interest to John W. Gillespie</i>	
(c.2.1) Johnnye H. Carter Greer Hunter - Deceased (1/24)	<i>Conveyed to herself for life and remainder to Waban Carter, Johnnye Letterman &amp; Toni McGowan</i>	
(c.2.1.1) Waban Page Carter 601 Kemp Road West Greensboro, NC 27410	0.8688 acres 1/72 of 62.55 acres	1.0859%
(c.2.1.2) Johnnye Juan Carter Letterman 4 Haverford Pt Greensboro, NC 27455	0.8688 acres 1/72 of 62.55 acres	1.0859%
(c.2.1.3) Toni Bates McGowan 1916 Trumbull Drive Dunwoody, GA 30338	0.8688 acres 1/72 of 62.55 acres	1.0859%
(c.2.2) John W. Gillespie Heirs, devisees, Successors or Assigns (1/24)		
(c.2.2.1) John W. Gillespie Trust	<i>Trustee conveyed interest to Gillespie Co. (DB 473/466)</i>	
(c.2.2.1.a) Gillespie Company P.O. Box 875 Tazewell, VA 24651	2.6063 acres 1/24 of 62.55 acres	3.2578%
(d) George M. Brown Heirs, devisees, Successors or Assigns (1/6 + 1/42 = 1/6 Interest = inherited from P.J. Brown (1/7) & Florence Crabtree (1/7 divided between 6 siblings) <i>Was conveyed a 1/42 interest from Henry Patton Brown, see (f.5.1) below. Life Estate of Virginia Reppas extinguished</i>		
(d.1) H. Eldridge Brown Heirs, devisees, Successors or Assigns (4/21)	<i>Clast Testate (WB 44/520), devised (1/2) interest to Gertrude Brown &amp; (1/2) interest divided between to Pauline Hagy, Harley Brown II, George Brown</i>	
(d.1.1) Gertrude Hudson Brown (1/12)	<i>By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)</i>	
(d.1.2) Pauline Brown Hagy (1/36)	<i>By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)</i>	
(d.1.3) Henry Eldridge Brown II (1/36)	<i>By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)</i>	
(d.1.4) George Clayde Brown (1/36)	<i>By 12/31/92 deed, the interest was conveyed to Eldridge Brown Co. (DB 403-183)</i>	
(d.1.5) Eldridge Brown Company (1/6) c/o Gertrude Brown 209 Allizer Street Richlands, VA 24641	10.4250 acres 1/6 of 62.55 acres	13.0313%
(e) Rosa B. McKenry Heirs, devisees, Successors or Assigns (1/6)		
(e.1) John A. McKenry - Deceased	<i>Life Estate extinguished</i>	
(e.2) Luther George McKenry Heirs, devisees, Successors or Assigns (1/36)		
(e.2.1) Patricia Thouveille McKenry * - Deceased	<i>Life Estate extinguished</i>	
(e.2.2) Charles Robert McKenry * (1/72)		
(e.2.2.1) Jaan McKenry 3122 Birch St Carmichael CA 95608	0.2896 acres 1/216 of 62.55 acres	0.3620%
(e.2.2.2) Alan McKenry 5912 Via Castilla Carmichael CA 95608	0.2896 acres 1/216 of 62.55 acres	0.3620%
(e.2.2.3) Lee Amy Sacks 940 El Oro Dr Carmichael CA 95603	0.2896 acres 1/216 of 62.55 acres	0.3620%
(e.2.3) Nancy McKenry Goss * (1/72) 602 W. Broad St., #314 Falls Church, VA 22046	0.8688 acres 1/72 of 62.55 acres	1.0859%
(e.3) James S. McKenry (1/36 + 1/36 = 1/18)	<i>Includes the 1/36 interest from Ruth M. Atinsley, see (e.7) below. By 2/17/87 deed, the interest was conveyed to James R. McKenry (DB 329/659)</i>	
(e.3.1) James R. McKenry * (1/18)		
(e.3.1.1) Susan W. McKenry 3810 Atlantic Ave Virginia Beach VA 23451-2796	3.4750 acres 1/18 of 62.55 acres	4.3438%
***Life Estate -- Susan W. McKenry is entitled to life estate and royalties in 1/18th per James R. McKenry's will		
(e.3.1.2) James Reinhardt McKenry, Jr. 15 Riverbank Ct. #1 New Canaan, 06840		

Exhibit B  
Unit M-41  
Docket #VGOB 95-0620-0507-02  
List of all Owners/Claimants

	Acres in Unit	Percent of Unit
(e.3.1.3) Monica Cole McKenry Johnson 4630 Sperryville Pike Woodville, VA 22749		
(e.3.1.4) Margaret Nash 4021 Shallowbrook Lane Olney, MD 20832		
(e.4) John A. McKenry, Jr. (1/36)	<i>Died Testate - Interest devised/deed his four children.</i>	
(e.4.1) John A. McKenry, III * (D.O.B. 5/13/2015) Instr 15-0303, Instr 17-0317		
(e.4.1.1) Mary McKenry PO Box 138 Idledale CO 80453-0138	0.1448 acres 1/432 of 62.55 acres	0.1810%
(e.4.1.2) Natalie McKenry 599 Wright St Lakewood CO 80226	0.0965 acres 1/648 of 62.55 acres	0.1207%
(e.4.1.3) Elizabeth Gillespie 4688 S Mariposa Dr Englewood CO 80110	0.0965 acres 1/648 of 62.55 acres	0.1207%
(e.4.1.4) Kimberly Ann Strotz (D.O.B. 4/14/2011) Predeceased John McKenry III		
(4.4.1.4.1) William E. Strotz III PO Box 178 Idledale CO 80453	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(4.4.1.4.2) Jonathan A. Strotz 16805 W. 16th Place Golden CO 80401-2712	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(4.4.1.4.3) Josiah D. Strotz c/o William Strotz - Guardian 16805 W. 16th Place Golden CO 80401-2712	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(4.4.1.4.4) Rachel J. Strotz c/o William Strotz - Guardian 16805 W. 16th Place Golden CO 80401-2712	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(4.4.1.4.5) Amy Olivia Grace Strotz c/o William Strotz - Guardian 16805 W. 16th Place Golden CO 80401-2712	0.0193 acres 1/3240 of 62.55 acres	0.0241%
(e.4.2) Elizabeth A. McKenry Mayhaw * (1/144) aka Batty 1063 Hollow Hill Rd Lynchburg, VA 24503	0.4344 acres 1/144 of 62.55 acres	0.5430%
(e.4.3) James Paris McKenry Heirs, Devisees, Successors or Assigns	<i>Died Intestate - 1/3 spouse and 2/3 children</i>	
(e.4.3.1) Michelle Martin McKenry (now Webb) (1/432)	<i>Deeded her (1/432) interest to her step-daughter (Cynthia McKenry-Therrien)</i>	
(e.4.3.2) Cynthia McKenry-Therrien (1/216 + 1/432 = 1/144) PO Box 205 Church View, VA 23032	0.4344 acres 1/144 of 62.55 acres	0.5430%
(e.4.4) Natalie Sue McKenry Cablis * (1/144) 53 Parkers Point Blvd. Forked River, NJ 08731	0.4344 acres 1/144 of 62.55 acres	0.5430%
(e.5) A. P. McKenry Heirs, Devisees, Successors or Assigns (1/36)		
(e.5.1) Ellen S. McKenry * - Deceased	<i>Life Estate extinguished</i>	
(e.5.2) Lucie M. Baldie Heirs, Devisees, Successors or Assigns* (1/72)		
(e.5.2.1) Ellen Allen 109 Horn Creek Ct. Cary, NC 27519	0.8688 acres 1/72 of 62.55 acres	1.0859%
(e.5.3) A. P. McKenry, Jr. Heirs, Devisees, Successors or Assigns (1/72)		
(e.5.3.1) Eloise N. McKenry Heirs, Devisees, Successors or Assigns* (1/72)		
(e.5.3.1.1) Eloise G. McKenry Trust - Trust terminated upon death of Mattie Leigh Wilkie <i>May Leigh Crain Assigned 4/9/2015 to Ellen Baldie Allen</i>		
(e.5.3.1.2) Ellen Allen 109 Horn Creek Ct. Cary, NC 27519	0.8688 acres 1/72 of 62.55 acres	1.0859%
(e.6) Carl E. B. McKenry, Sr. Heirs, Devisees, Successors or Assigns (1/36)		
(e.6.1) Carl E. B. McKenry, Jr. * (1/36)		

**Exhibit B  
Unit M-41  
Docket #VGOB 95-0620-0507-02  
List of all Owners/Claimants**

**190000270**

	Acres In Unit	Percent of Unit
(e.6.1.1) Clate C. McKenry 7 Lilone Grove Ballybeg Ennis, County Clare, Ireland	1.7375 acres 1/36 of 62.55 acres	2.1719%
(e.7) Ruth M. Ainsley (1/36)	<i>Conveyed her interest to John A. McKenry, Jr. &amp; James S. McKenry, as joint tenants with rights of survivorship. (DB 402/597 TC) John A. McKenry was deceased first vesting title in James S. McKenry.</i>	
* NOTE: By Agreement dated 3/23/77 appointed James R. McKenry as AIF		
Correspondances and Payment are to be made to: James R. McKenry, AIF for Rosa B. McKenry Heirs 192 Ballard court, Suite 400 Virginia Beach, VA 23462-6538		
(f) James B. Brown Heirs, Devisees, Successors or Assigns (1/6)	<i>Predeceased Patton J. Brown</i>	
(f.1) George Ira Brown Heirs, Devisees, Successors or Assigns (1/36)	<i>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</i>	
(f.1.1) Ella Madge Brown Heirs, Devisees, Successors or Assigns	<i>Died Testate - Interest devised to A. P. Brown.</i>	
(f.1.2) A. P. Brown Heirs, Devisees, Successors or Assigns (1/36)		
(f.1.2.1) Anna Ruth Brown - Deceased	<i>Life Estate extinguished</i>	
(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	0.8688 acres 1/72 of 62.55 acres	1.0859%
(f.1.2.3) Sarah Arlene Brown Buchanan (D.O.D. 12/24/2015) Instr 16-0168		
(f.1.2.3.1) Preston Buchanan 50 Cricket Lane Cedar Bluff VA 24609-8275	0.8688 acres 1/72 of 62.55 acres	1.0859%
***Per will of Sarah A. Buchanan Preston - PJ Brown interests are to be used by Preston until his death at which time they go to Laura, Sarah, and ira		
(f.1.2.3.1.2) Laura Buchanan 106 Cricket Lane Cedar Bluff VA 24609		
(f.1.2.3.1.3) Sarah B. Taylor 713 Front Street Richlands VA 24641		
(f.1.2.3.1.4) Ira Buchanan 2737 Little Creek Hay Dublin VA 24084		
(f.2) Charles G. Brown Heirs, Devisees, Successors or Assigns (1/36)	<i>Died Testate - Interest devised to his niece, Hannah A. Taylor (Daughter of Margie Ascue)</i>	
(f.2.1) Hannah Ascue Brown Taylor (1/36)	<i>See (f.6.4) below, combined with additional interests</i>	
(f.2.1.1) Barbara Taylor Pauley P.O. Box 787 Rosedale, VA 24280	0.8688 acres 1/72 of 62.55 acres	1.0859%
(f.2.1.2) Glenn C. Taylor P.O. Box 103 Rosedale, VA 24280	0.8688 acres 1/72 of 62.55 acres	1.0859%
(f.3) Earl Brown Heirs, Devisees, Successors or Assigns (1/36)		
(f.3.1) Vivian Witt Brown - Deceased	<i>Life Estate extinguished</i>	
(f.3.2) Harold Kent Brown Heirs, Devisees, Successors or Assigns	<i>Predeceased Vivian Brown (mother) and survived by widow and one child Died Intestate (1/3 Widow - 2/3 Child)</i>	
(f.3.2.1) Margaret Hatcher Brown Heirs, Devisees, Successors or Assigns	<i>Deeded her interest 10/21/91 to Martha Brown Short &amp; Robert Short (DB 381/812) as tenants by the entirety with rights of survivorship.</i>	
(f.3.2.1.a) Martha B. and Robert W. Short 6815 Tinkerdale Road Roanoke, VA 24019	0.5792 acres 1/108 of 62.55 acres	0.7240%
(f.3.2.2) Martha B. Short 6815 Tinkerdale Road Roanoke, VA 24019	1.1583 acres 1/54 of 62.55 acres	1.4479%
(f.4) Leole B. Brown Staels	A. Inherited a 1/42 interest from James B. Brown (1/7th divided between 6 children) B. Inherited a 1/252 interest from Florence Crubtree = (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 83/283 TC) to George M. Brown for 1/42 interest <b>DOES NOT</b> include the 573.80 acre or the 889.00 acre tracts.	
(f.4.1) Henry Woodrow Staels Heirs, Devisees, Successors or Assigns (1/108)		

Exhibit B  
 Unit M-41  
 Docket #VGOB 05-0620-0507-02  
 List of all Owners/Claimants

190000270

	Acres In Unit	Percent of Unit
(f.4.1.1) Buford Earl Steele Heirs, devisees, Successors, or Assigns		
(f.4.1.1.1) Juanita Clater P. O. Box 1704 Front Royal, VA 22630	0.2896 acres 1/216 of 62.55 acres	0.3620%
(f.4.1.2) Mary Francis Steele Carter Heirs, Devisees, Successors or Assigns (1/216)	<i>Interest to husband (1/2) and (1/2) each to three children</i>	
(f.4.1.2.1) Kenneth Carter 47 Royal Ln, Apt 2 Front Royal, VA 22630	0.1448 acres 1/432 of 62.55 acres	0.1810%
(f.4.1.2.2) Tina Carter 47 Royal Ln, Apt 2 Front Royal, VA 22630	0.0483 acres 1/1296 of 62.55 acres	0.0603%
(f.4.1.2.3) David Carter 214 Blue Ridge Ave, Apt 3 Front Royal, VA 22630	0.0483 acres 1/1296 of 62.55 acres	0.0603%
(f.4.1.2.4) Jennifer Carter Willes 30 West Strasburg Road Front Royal, VA 22630	0.0483 acres 1/1296 of 62.55 acres	0.0603%
(f.4.2) Clayton 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 Heirs, Devisees, Successors, or Assigns <i>Documentation Pending</i>	0.2896 acres 1/216 of 62.55 acres	0.3620%
(f.4.2.1.a.1) Ernest Grove 954 Vista Ridge Court Front Royal, VA 22630		
(f.4.2.1.a.2) Brian Grove 25 Summit Ridge Road Christiansburg, VA 24073		
(f.4.2.2) Shirley G. Singhas 305 Duncan Avenue Front Royal, VA 22630	0.2896 acres 1/216 of 62.55 acres	0.3620%
(f.4.3) Faye S. Hough Heirs, Devisees, Successors or Assigns (1/108)		
(f.4.3.1) J. Tyson Hough Heirs, Devisees, Successors or Assigns	<i>Died Testate - Interest devised to the James M. Singhas.</i>	
(f.4.3.1.1) James M. Singhas Heirs, Devisees, Successors or Assigns		
(f.4.3.1.1.a) Doris L. Singhas Heirs, Devisees, Successors or Assigns		
(f.4.3.1.1.a.1) Amber Frazier 72 Lime Marl Lane Berryville, VA 22611	0.5792 acres 1/108 of 62.55 acres	0.7240%
(f.5) Henry P. Brown Heirs, Devisees, Successors or Assigns (1/42 + 1/252 = 1/36) (1/252 remaining)	A. <i>Inherited a 1/42 interest from James B. Brown (1/7th divided between 6 children)</i> B. <i>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)</i>	
(f.5.1) George M. Brown (1/42) <i>see (d) above</i> H. Eldridge Brown Heirs Gertrude H Bron conveyed interest DB 403/183 to Eldridge Brown Company Pauline B Hagy conveyed interest DB 403/183 to Eldridge Brown Company Henry Eldridge Brown II conveyed interest DB 403/183 to Eldridge Brown Company George C Brown conveyed interest (DB 403/183) to Eldridge Brown Company	<i>Conveyed 1/42 interest to George M. Brown (DB 60/254) before Florence Crabtree died, see (d) above.</i>	
(f.5.1.1) Eldridge Brown Company PO Box 730 Richlands VA 24641	1.4893 acres 1/42 of 62.55 acres	1.8616%
(f.5.2) Beatrice F. Brown - <i>Deceased</i>	<i>Life Estate extinguished</i>	
(f.5.3) James Moses Brown Heirs, Devisees Successors or Assigns (1/504)	<i>Inherited a (1/2) interest of the 1/252 interest from Florence Crabtree 1/3 to Spouse (1/1512) &amp; 2/3 to Children (1/756)</i>	
(f.5.3.1) Roxie Brown 108 Brown Bottom Lane Cedar Bluff, VA 24609	0.0414 acres 1/1512 of 62.55 acres	0.0517%
(f.5.3.2) James William Brown Heirs, Devisees, Successors or Assigns (1/756)	<i>Died Testate - Interest devised to Brenda Brown, wife</i>	

Exhibit B  
 Unit M-41  
 Docket #VGOB 95-0620-0507-02  
 List of all Owners/Claimants

190000270

	Acres In Unit	Percent of Unit
(f.5.3.2.a) Brenda Owens Brown 4855 Trevino Circle Duluth, GA 30098	0.0827 acres 1/758 of 62.55 acres	0.1034%
(f.5.4) Eugena Lea Brown Heirs, Devisees Successors or Assigns (1/504)	<i>Inherited a (1/2) interest of the 1/252 interest from Florence Crabtree 1/3 to Spouse (1/1512) &amp; 2/3 to Children (1/756 divided between 5 children)</i>	
(f.5.4.1) Martha Evelyn Christian Brown Heirs, Devisees, Successors or Assigns (1/3 of 1/504 = 1/1512)	<i>Died Testate - Interest devised to Nora C. Damron, daughter.</i>	
(f.5.4.1.a) Nora Catherine Damron PO Box 540 Cedar Bluff, VA 24609	0.0414 acres 1/1512 of 62.55 acres	0.0517%
(f.5.4.2) Virginia Brown Palmer 26088 NC Highway 8 Danton, NC 27239	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.5.4.3) Benjamin Patton Brown 72 Beths Lane Cedar Bluff, VA 24609	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.5.4.4) Charles Henry Brown 14378 Peaceful Valley Road Abingdon, VA 24210	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.5.4.5) William David Brown 609 Fulton Street Milville, NJ 08332	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.5.4.6) Eugena L. Brown, Jr. 3875 Gratton Road Tazewell, VA 24651	0.0165 acres 1/3780 of 62.55 acres	0.0207%
(f.6) Marjorie Brown Ascue Heirs, Devisees, Successors or Assigns (1/36)		
(f.6.1) Russell A. Ascue - <i>Deceased</i>	<i>Life Estate extinguished</i>	
(f.6.2) Ruth A. Martin (aka Myrtle Ruth Martin) (1/108)		
(f.6.2.1) Joseph B. Martin, Jr. 3844 Tangle Oak Drive Clammons, NC 27012	0.5792 acres 1/108 of 62.55 acres	0.7240%
(f.6.3) Catharine A. Lee Heirs, Devisees Successors or Assigns (1/108)	<i>Died Testate - Interest devised to her son, Morris Richard Lee</i>	
(f.6.3.1) Morris R. Lee 1072 Ascue Road Cedar Bluff, VA 24609	0.5792 acres 1/108 of 62.55 acres	0.7240%
(f.6.4) Hannah Ascue Taylor Heirs, Devisees, Successors or Assigns (1/108 + 1/36 = 1/27)	<i>Died Testate - Interest devised equally to Barbara L. Pauley &amp; Glenn C. Taylor Inherited 1/108 from Marjorie Brown Ascue &amp; 1/36 from Charles G. Brown (see f.2 above)</i>	
(f.6.4.1) Barbara Taylor Pauley P.O. Box 767 Rosedale, VA 24280	0.2886 acres 1/216 of 62.55 acres	0.3620%
(f.6.4.2) Glenn C. Taylor P.O. Box 103 Rosedale, VA 24280	0.2886 acres 1/216 of 62.55 acres	0.3620%
(g) Florence Crabtree Heirs, Devisees, Successors or Assigns (1/7)	<i>Died Testate - Interest devised to the Estate of P.J. Brown.</i>	
<b>Tract #2, 4.36 Acres</b>		
(1) Brenda C. Horton, et al. (200 Acre Tract)	4.36 acres	5.4500%
(a) Brenda C. Horton <i>(see below Note)</i> P.O. Box 459 Richlands, VA 24641	1.98 acres 9/20 of 4.36 acres	2.4525%
(b) David S. Horton <i>(see below Note)</i> P.O. Box 459 Richlands, VA 24641	1.98 acres 9/20 of 4.36 acres	2.4525%
(c) David S. Horton Irrevocable Trust <i>(see below Note)</i> c/o Beth Osborne Skinner P.O. Box 1809 Bristol, VA 24203	0.44 acres 1/10 of 4.36 acres	0.5450%

**NOTE:** By an Assignment dated February 7, 1997, whereby 20% of all Oil, Gas & CBM Royalties are to be paid as follows:

20% or 1/40th Royalty to be paid to: C. R. Bolling  
738 Sandy Lane  
Richlands, VA 24641  
Dead 7/31/2015 — Payment to name: Bolling Family Trust

Exhibit B  
 Unit M-41  
 Docket #VGOB 95-0620-0507-02  
 List of all Owners/Claimants

190000270

	Acres In Unit	Percent of Unit
<b><u>Tract #3, 6.87 Acres</u></b>		
(1) Brenda C. Horton, et vir <i>(8.03 Acre Tract)</i>	6.87 acres	8.5875%
(a) Brenda C. Horton <i>(see below Note)</i> P.O. Box 459 Richlands, VA 24641	3.44 acres 1/2 of 6.87 acres	4.2938%
(b) David S. Horton <i>(see below Note)</i> P.O. Box 459 Richlands, VA 24641	3.44 acres 1/2 of 6.87 acres	4.2938%
 <i>NOTE: By an Assignment dated February 7, 1997, whereby 20% of all Oil, Gas &amp; CBM Royalties are to be paid as follows:</i>		
20% or 1/40th Royalty to be paid to: C. R. Bolling 738 Sandy Lane Richlands, VA 24641		
Dead 7/31/2015 --- Payment to name: Bolling Family Trust		
<b><u>Tract #4, 6.22 Acres</u></b>		
(1) CNX Gas Company 1000 Consol Energy Dr Canonsburg PA 15317-6506	6.22 Acres	7.7750%

**Exhibit B-3**  
**Unit M-41**  
**Docket #VGOB 95-0620-0507-02**  
**List of Unleased Owners/Claimants**

	Acres in Unit	Percent of Unit	Division of Interest in		
			4 East Panel 3.5439%	5 East Panel 19.6429%	6 East Panel 13.7809%
<b>II. OIL &amp; GAS OWNERSHIP</b>					
<b><u>Tract #1, 62.55 Acres</u></b>					
(1) P.J. Brown Heirs, et al. Devises, Successors or Assigns (889.00 Acre Tract)	62.55 acres	78.1875%	2.7709%	15.3583%	10.7749%
(f) James B. Brown Heirs, Devises, Successors or Assigns					
(f.5) Henry P. Brown Heirs, Devises, Successors or Assigns					
(f.5.4) Eugene Lee Brown Heirs, Devises Successors or Assigns					
(f.5.4.2) Virginia Brown Palmer 26068 NC Highway 8 Denton, NC 27239	0.0165 acres 1/3780 of 62.55 acres	0.0207%	0.0007%	0.0041%	0.0029%
(f.5.4.3) Benjamin Patton Brown 72 Beths Lane Cedar Bluff, VA 24609	0.0165 acres 1/3780 of 62.55 acres	0.0207%	0.0007%	0.0041%	0.0029%
(f.5.4.4) Charles Henry Brown 14376 Peaceful Valley Road Abingdon, VA 24210	0.0165 acres 1/3780 of 62.55 acres	0.0207%	0.0007%	0.0041%	0.0029%
(f.5.4.5) William David Brown 609 Fulton Street Millville, NJ 08332	0.0165 acres 1/3780 of 62.55 acres	0.0207%	0.0007%	0.0041%	0.0029%
(f.5.4.6) Eugene L. Brown, Jr. 3875 Gratton Road Tazewell, VA 24651	0.0165 acres 1/3780 of 62.55 acres	0.0207%	0.0007%	0.0041%	0.0029%
<b><u>Total Unleased O&amp;G Estates</u></b>					
	Acres	0.0827			
	Percent	0.1034%			

INSTRUMENT 190000270  
RECORDED IN THE CLERK'S OFFICE OF  
BUCHANAN COUNTY CIRCUIT COURT ON  
MARCH 12, 2019 AT 08:48 AM  
BEVERLY S. TILLER, CLERK  
RECORDED BY: CXE