

BEFORE THE VIRGINIA GAS AND OIL BOARD

PETITIONER: Pocahontas Gas LLC

DIVISION OF GAS AND OIL
DOCKET NO: VGOB 21-0420-4238-01

RELIEF SOUGHT: VACATE POOLING ORDER
ENTERED APRIL 30, 2021

HEARING DATE: January 17, 2023

DRILLING UNIT: I37

BUCHANAN COUNTY, VIRGINIA

MISCELLANEOUS PETITION

1. **Petitioner and its counsel:** Petitioner is **Pocahontas Gas LLC**, 128 Glenwood Street, Cedar Bluff, Virginia 24609, 866/829-0103. Petitioner's counsel is Mark A. Swartz, **HILLIARD & SWARTZ, LLP.**, 124 Capitol Street, Suite 201, Charleston, WV 25301.

2. **Relief sought:** Vacate pooling order entered in re VGOB docket no. 21-0420-4238 on April 30, 2021.

3. **Legal Authority:** Unit I37 was previously pooled by the Board in docket number 08-0715-2281. Appalachian Energy, Inc. (hereinafter sometimes "AEI") is successor unit operator. The well(s) drilled by the unit operator AEI and/or its predecessors in interest were not plugged at the time of the pooling hearing on April 20, 2021, and is/are not currently plugged. The AEI well(s) were pooled under the Oakwood I Field Rules.

Neither the Code of Virginia nor the Virginia Gas and Oil Board Rules contemplate multiple operators of the same unit.

When the AEI well(s) is/are plugged, the pooling order entered in docket number 08-0715-2281 will terminate. All the Board's pooling orders provide that they terminate as of twelve noon on the day when all wells are permanently plugged and abandoned.

4. **Type of well(s):** Coalbed methane.

5. **Factual basis for relief requested:** (1) The Applicant filed its petition to pool the I37 on or about March 24, 2021. The petition was to pool the unit; it was not to re-pool the unit. (2) Unfortunately, the persons who prepared Pocahontas Gas LLC pooling (not re-pooling) application and then presented it at the Board hearing on April 2021 were not aware of the fact that the I37 Unit had been previously pooled by the Board and that AEI well(s) continued to produce under that pooling order. (3) As a consequence, the prior docket number was not referenced in the petition and the existence of prior pooling order, still in effect, was not brought to the attention of the Board at the April 2021 hearing. (4) Neither the Virginia Code nor Board Rules contemplate multiple operators of a pooled unit. (5) The Order entered after the hearing described the relief sought as "re-pooling" and referenced the earlier docket number and pooling order. Matters that were not before the Board when it made its decision and order. (6) In addition, the co-operator language that appears in the said order was the product of a mistake of law and fact and should not have been included in lieu of the standard Board order provisions. (8) The Petitioner sought to be the unit operator of a newly pooled unit, not a co-operator a pre-existing unit. The Applicant is not willing to accept a transfer of the AEI well(s) and the record keeping, royalty accounting, and other responsibilities and potential liabilities that would be associated with such a transfer.

6. **Attestation:** The foregoing Petition to the best of my knowledge, information, and belief is true and correct.

Pocahontas Gas LLC

By: 

Sherri R. Scott
Manager—Land Records/DOI/Pooling
128 Glenwood Street
Cedar Bluff, Virginia 24609

BEFORE THE VIRGINIA GAS AND OIL BOARD

PETITIONER: Pocahontas Gas LLC

DIVISION OF GAS AND OIL
DOCKET NO: VGOB 21-0420-4238-01

RELIEF SOUGHT: VACATE POOLING ORDER
ENTERED APRIL 30, 2021

DRILLING UNIT: I37

NOTICE OF HEARING

HEARING DATE: January 17, 2023

PLACE: Virginia Department of Energy
3405 Mountain Empire Road, Room 219
Big Stone Gap, VA 24219

TIME: 10:00 A.M.

To: Caroline Keen, et al including; B.W. McDonald Testamentary Trust, Teena Cooper, Rita Gail Cooper, Thelma Cooper Mullins, Teresa Lynn Rogers, Unknown Heirs of Thurman G. Cooper, Jr., Terry Allen Cooper

1. **Petitioner and its counsel:** Petitioner is **Pocahontas Gas LLC**, 128 Glenwood Street, Cedar Bluff, Virginia 24609, 276/596-5075. Petitioner's counsel is Mark A. Swartz, **HILLIARD & SWARTZ, LLP.**, 124 Capitol Street, Suite 201, Charleston, WV 25301.

2. **Relief sought:** Vacate Pooling Order entered April 30, 2021.

3. **Proposed provisions of order:** Vacate Pooling Order entered April 30, 2021.

4. **Legal Authority:** Neither the Code of Virginia nor the Virginia Gas and Oil Board Rules contemplate multiple operators of the same unit.

5. **Attestation:** The foregoing notice is to the best of my knowledge, information, and belief is true and correct.

NOTICE IS FURTHER GIVEN that this cause has been set for hearing and the taking of evidence before the Board **at 10:00 a.m. on January 17, 2023**, at the Virginia Energy Office, 3405 Mountain Empire Road, Big Stone Gap, Virginia, 24219, and that notice will be published as required by law and the Rules of the Board.

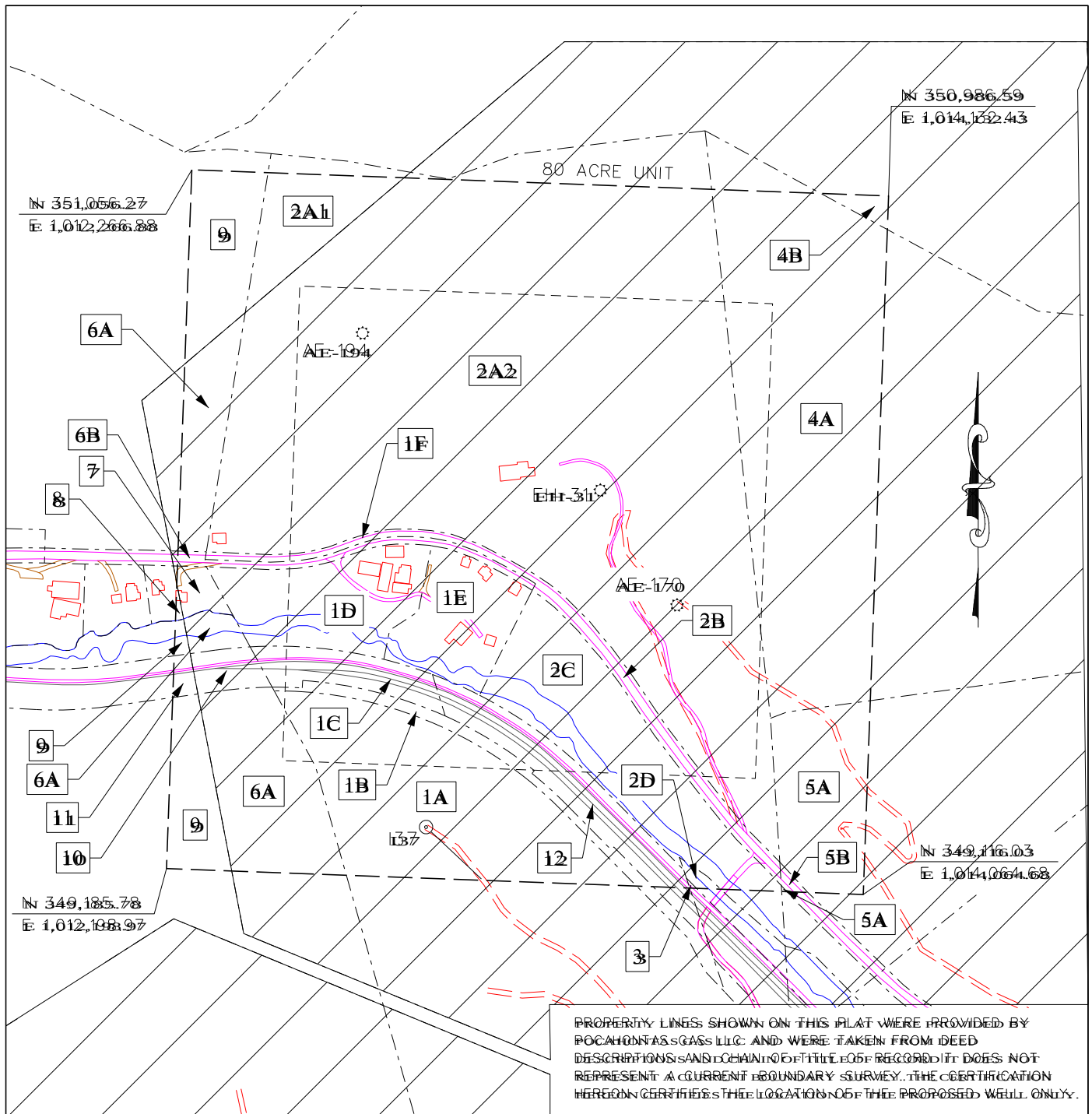
NOTICE IS FURTHER GIVEN that you may attend the hearing, with or without an attorney, and offer evidence or state any comments you have. For further information of a copy of the Application/Petition and Exhibits, either contact the Virginia Energy, Gas and Oil Office, 3405 Mountain Empire Road, Big Stone Gap, VA 24219, 276.523.8100 or the Applicant at the address shown above.

Pocahontas Gas LLC

By: 

Sherri R. Scott

Manager—Land Records/DOI/Pooling
128 Glenwood Street
Cedar Bluff, Virginia 24609



CBM WELL
 PROPOSED CBM WELL
 RETAINED ACRES

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.

EXHIBIT A
 OAKWOOD FIELD
 UNIT 137
 FORCE POOLING
 WGB-2106420-4238

Company POCAHONTAS GAS LLC Well Name and Number UNIT 137
 Tract No. Elevation Quadrangle Keen Mountain
 County Buchanan District Gordon Scale: 1" = 400' Date
 This plat is a new plat X ; amended plat ; or a final plat

Form DGO-60-7
 Rev. 9/91
 Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

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:	Appalachian Energy Inc.	)	VIRGINIA GAS
		)	AND OIL BOARD
		)	
		)	
RELIEF SOUGHT:	POOLING OF INTERESTS IN A 80.20	)	
	ACRE SQUARE DRILLING UNIT	)	DOCKET NO.
	DESCRIBED IN EXHIBIT A HERETO	)	VGOB-08/07/15-2281
	LOCATED IN THE Oakwood I COAL BED	)	
	GAS FIELD AND SERVED BY WELL NO.	)	
	AE-170 & AE-194 (I-37A) (herein	)	
	"Subject Drilling Unit") 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 "Coalbed Methane	)	
	Gas" or "Gas")	)	
		)	
		)	
LEGAL DESCRIPTION:		)	
		)	
	SUBJECT DRILLING UNIT SERVED BY WELL NUMBERED	)	
	AE-170 & AE-194 (I-37A) (herein "Well") TO BE	)	
	DRILLED IN THE LOCATION DEPICTED ON EXHIBIT A ,	)	
	HERETO	)	
	Peggy W. Cole et al Tract	)	
	Keen Mountain QUADRANGLE	)	
	Garden MAGISTERIAL DISTRICT	)	
	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 matter came on for hearing before the Virginia Gas and Oil Board (hereafter "Board") at 9:00 a.m. on **July 15, 2008** Southwest Higher Education Center, Campus of Virginia Highlands Community College, Abingdon, Virginia.

2. Appearances: **James E. Kaiser, of Wilhoit and Kaiser**, appeared for the Applicant.

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 meaningful search of reasonably available sources to determine the identity and whereabouts of each gas and oil owner, coal owner, or mineral owner and/or potential owner, i.e., person identified by Applicant as having ("Owner") or claiming ("Claimant") the rights to Coalbed Methane Gas, including all coalbeds and coal seams below the Tiller seam including but not limited to the Upper Seaboard, Greasy Creek, Middle Seaboard, Lower Seaboard, Bandy, Upper Horsepen, Middle Horsepen, War Creek, Pocahontas Nos. 9, 8, 6, 5, 4, 3, 2, 1, and various unnamed coal seams, coalbeds and rock strata associated therewith (hereafter "Subject Formations") in the Subject Drilling Unit underlying and comprised of Subject Lands; (2) represented it has given notice to those parties so identified (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 **Exhibit B-3** hereto have been identified by Applicant as persons who may be Owners or Claimants of Coalbed Methane Gas interests in Subject Formations in the Subject Drilling Unit 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 state 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 § 45.1-361.21, the Board pool the rights, interests and estates in and to the Gas in the Subject Drilling Unit, including those 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 the Subject Drilling Unit established for the Subject Formations 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 **Appalachian Energy Inc.** as the Unit Operator.

7. Relief Granted: The requested relief in this cause shall be and hereby is granted and: (1) pursuant to Va. Code § 45.1-361.21.C.3, **Appalachian Energy Inc.** (hereafter "Unit Operator" or "Operator") is designated as the Unit Operator authorized to drill and operate the Well in 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 §§ 4 VAC 25-150 et seq., Gas and Oil Regulations; to § 4

VAC 25-160 et seq., Virginia Gas and Oil Board Regulations and to the Oakwood I Coal Bed Gas Field Rules established by the Oil and Gas Conservation Board's Order entered March 26, 1989; 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, the Unit Operator 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 Formations in the Subject Formation in the Subject Drilling Unit underlying and comprised of the Subject Lands.

Pursuant to the Oakwood I Coalbed Gas 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 80.20 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 80.20-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** has not reached a voluntary agreement to share in the operation of the Well to be located in Subject Drilling Unit, at a rate of payment mutually agreed to by said Gas Owner or Claimant and the Applicant or the Unit Operator, then such person 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 herein 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 his 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 Development and Operation of the Drilling Unit: Any Gas Owner or Claimant named in **Exhibit B-3** who has not reached a voluntary agreement with the Applicant or 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, including a reasonable supervision fee, of the Well development and operation in the Subject Drilling Unit, 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 Estimated, Completed-for-Production Costs 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 estimated Completed-for-Production Costs for the Subject Drilling Unit are as follows:

Completed-for-Production Costs: \$377,312.00 / \$396,289.00

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 Operator's "Interest within Unit" as set forth herein in the attached **Exhibit B-3** times the Estimated Completed-for-Production Costs 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 Estimated, Completed-for-Production Costs 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 has not reached 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 Gas produced from any Well development and operation covered by this Order multiplied by that person's Interest Within Unit as set forth in **Exhibit B-3** [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, 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 have and hereby does 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 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 of 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** who has not reached a voluntary agreement with the Unit Operator may elect to share in the well development and operation in Subject Drilling Unit on a carried basis (as a "Carried Well Operator") so that the proportionate part of the Completed-for-Production Costs 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 Unit Operator 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 Costs allocable to the interest of such Carried Well Operator. Any Gas Owner and/or Claimant named in **Exhibit B-3** who elects this option (Option 3) understands and agrees that Completed-for-Production Costs are the Operator's actual costs for well development and operation. When the Unit Operator 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 right, 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 his right, 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 has not reached a voluntary agreement with the Applicant or 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 any 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 said Gas produced from Subject Formation in Subject Drilling Unit to the Unit Operator. Persons who fail to properly elect shall be deemed 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 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 estimated Completed-for-Production costs 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, interests, 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 1/8th 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 in Subject Drilling Unit at a rate of payment agreed to mutually by said Gas Owner or Claimant and the Unit Operator, and said person elects or fails to elect to do other than participate under Paragraph 9.1 above in the Well development and operation in Subject Drilling Unit, then such person shall be deemed to have and shall have assigned unto Unit Operator such person's right, interests, and claims in and to said Well, in Subject Formations in Subject Drilling Unit, and other share in and to Gas 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 elections.

13. Unit Operator (or Operator): **Appalachian Energy Inc.** shall be and hereby is designated as Unit Operator authorized to drill and operate the Well(s) in Subject Formations 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; Oil and Gas Conservation Board ("OGCB") Order establishing the Oakwood I Coal Bed Gas Field Rules entered March 26, 1989; 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:

Appalachian Energy Inc.
P.O. Box 2406
Abingdon, Virginia 24212-2406
Phone: (276) 619-4880
Attn: Justin Phillips

14. Commencement of Operations: Unit Operator shall commence or cause to commence operations for the drilling of the Well within Subject Drilling Unit within seven hundred thirty (730) days from the date of this Order, and shall prosecute the same with due diligence. If the Unit Operator has not 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 the well covered by this Order is permanently abandoned and plugged. However, in the even at 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 referenced 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 a charge 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 the Well(s) 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 Subject Drilling Unit whose payments are subject to the provisions of Paragraph 16.1 hereof in the Subject Drilling Unit; and, the Unit Operator has represented to the Board that there **are no** conflicting claimants in the Subject Drilling Unit 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 and account to the Board pursuant to its agreement for the escrowed funds hereafter described in Paragraphs 16.1 and 16.2:

Wachovia Bank, N.A.
VA7515
P.O. Box 14061
Roanoke, VA 24038
Attention: Judy Barger

- 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. Applicant is **Appalachian Energy Inc.** Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;
- 17.2. Applicant **Appalachian Energy Inc.** has made a delegation of authority to **Appalachian Energy Inc.** to explore, develop and maintain the properties and assets of Applicant, now owned or hereafter acquired, and **Appalachian Energy Inc.** has accepted this delegation of authority and agreed to explore, develop and maintain those properties and assets, and has 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. Applicant **Appalachian Energy Inc.** is an operator in the Commonwealth of Virginia, and has satisfied the Board's requirements for operations in Virginia;
- 17.4 Applicant **Appalachian Energy Inc.** claims ownership of gas leases, Coalbed Methane Gas leases, and/or coal leases representing **84.080%** percent of the oil and gas interest/claims in and to Coalbed Methane Gas and **74.593%** 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 **500 MMCG** each. The estimated amount of reserves from the Subject Drilling Unit is **500 MMCG** each;
- 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 **15.920%** percent of the oil and gas interests/claims in and to Coalbed Methane Gas and **25.407%** 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.

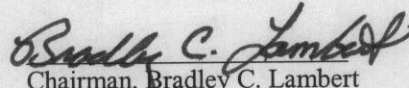
19. Availability of Unit Records: The Director shall provide all persons not subject to a lease with reasonable access to all records for Subject Drilling Unit which are submitted by the Unit Operator to said Director and/or his Inspector(s).

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

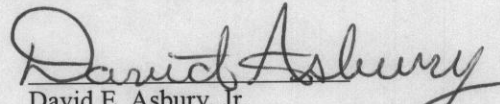
21. Appeals: Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court.

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 8th day of October, 2009, by a majority of the Virginia Gas and Oil Board.

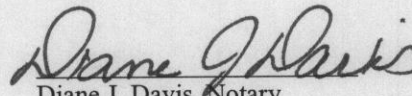

Chairman, Bradley C. Lambert

DONE AND PERFORMED THIS 8th day of October, 2009, by Order of the Board.


David E. Asbury, Jr.
Principal Executive to the Staff
Virginia Gas and Oil Board

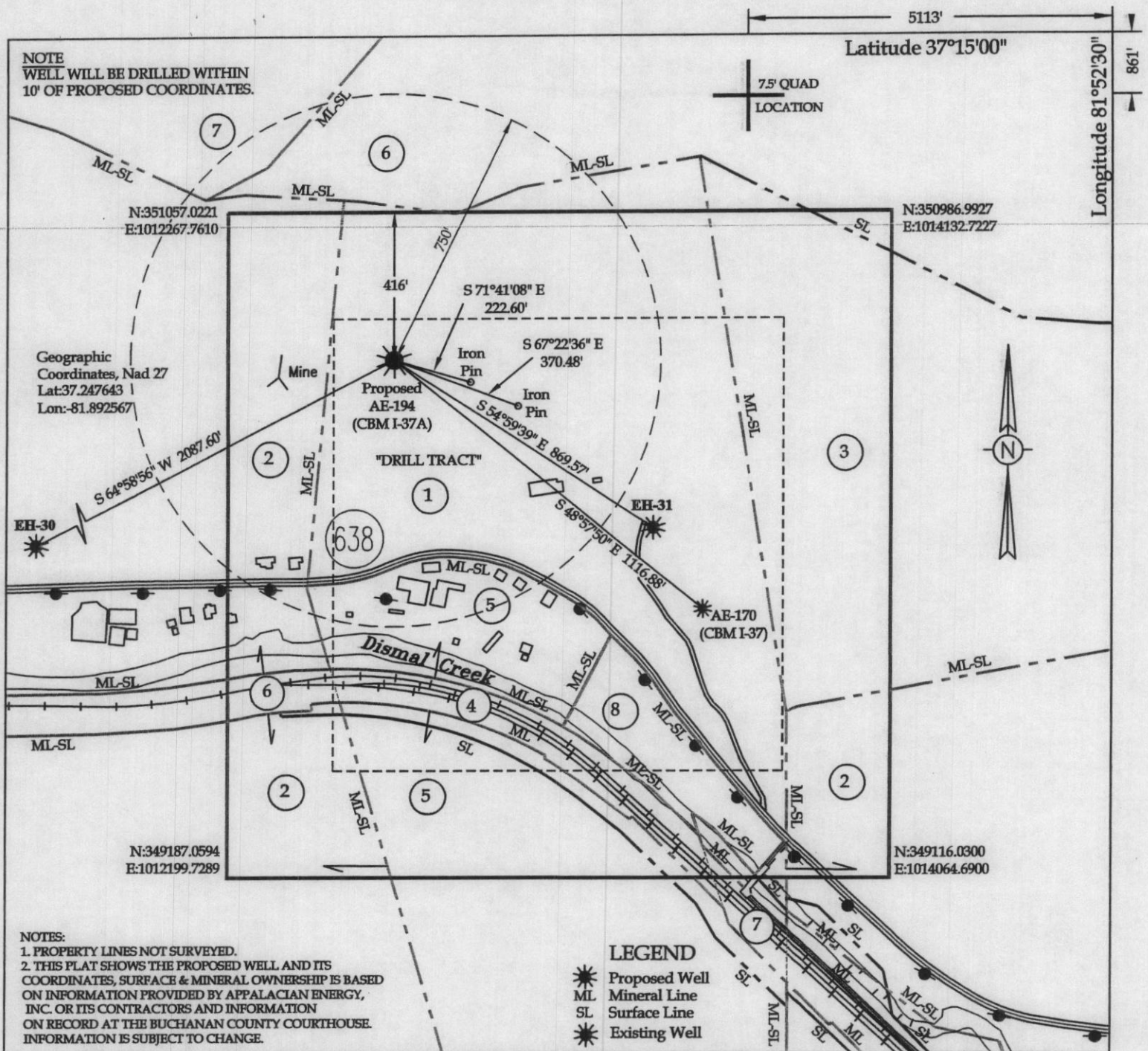
STATE OF VIRGINIA
COUNTY OF RUSSELL

Acknowledged on this 8th day of October, 2009, 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 Chairman of the Virginia Gas and Oil Board, and appeared David E. Asbury, Jr. being duly sworn did depose and say that he is Acting Principal Executive to the Staff of the Virginia Gas and Oil Board that they executed the same and were authorized to do so.


Diane J. Davis, Notary
174394

My commission expires: September 30, 2013





Area of Unit ~ 80.2 Acres
WELL LOCATION PLAT

Company APPALACHIAN ENERGY, INC. Well Name or Number AE-194 (CBM I-37A)

Tract No. PEGGY W. COLE, ET AL Quadrangle KEEN MOUNTAIN

District GARDEN

Well Coordinates (Virginia State Plane) N 350,623.63 E 1,012,722.80

Elevation: 1920.73 Method Used to Determine Elevation: Trig. Levels from GPS derived elevation.

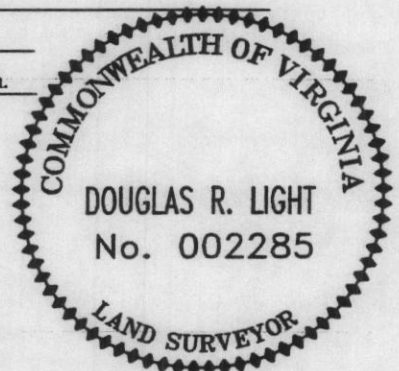
County BUCHANAN Scale: 1" = 400' Date 6-04-08

This Plat is a new plat X ; an updated plat _____ ; or a final location plat _____ ;

+ Denotes the location of a well on United States topographic maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

Form DGO-GO-7
Rev. 1-98

Douglas R. Light
Licensed Professional Engineer or Licensed Land Surveyor



DGO-7 Supplement
WELL UNIT PROPERTY OWNER INDEX
APPALACHIAN ENERGY, INC.
AE-194 (CBM I-37A)

(1)

"Drill Tract"

Mineral:

Peggy W. Cole, Et Al

32.63 Ac. ~ 40.69% of 80.2 Ac.

Surface:

Peggy W. Cole, Et Al

(2)

Mineral:

Caroline Cole, Et Al

15.63 Ac. ~ 19.49% of 80.2 Ac.

(3)

Mineral:

Katherine Cole

12.77 Ac. ~ 15.92% of 80.20 Ac.

(4)

Mineral:

Norfolk & Southern Railroad(Fee)

2.65 Ac.~ 3.30% of 80.2 Ac.

(5)

Mineral:

Lowell Roger Cole

12.56 Ac. ~ 15.66% of 80.2 Ac.

(6)

Mineral:

Norfolk & Southern Railroad

(Above 800')

Caroline Cole, Et Al

(Below 800')

0.78 Ac.~ 0.98% of 80.2 Ac.

(7)

Mineral:

**Norfolk & Southern Railroad
(Above 800')**

**Peggy W. Cole, Et Al
(Below 800')**

0.06 Ac. ~ 0.07% of 80.2 Ac

(8)

Whitewood Volunteer Fire Department

3.12 Ac. ~ 3.89% of 80.2 Ac.

**Exhibit B-3
AE-170 & AE-194 (I-37)**

TRACT	LESSOR	LEASE STATUS	INTEREST WITHIN UNIT	GROSS ACREAGE IN UNIT
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Gas Estate Only

3	Katherine B. Cole Estate PO Box 85 Jewell Ridge, VA 24622	*Leased Equitable	15.92%	12.770
---	---	----------------------	--------	--------

* Equitable Production Company
1710 Pennsylvania Avenue
Charleston, WV 25302 Oil & Gas Lessee

*Total Percentage Leased to Equitable

15.920%

*Total Acreage Leased Equitable

12.770

Exhibit B-3
AE-170 & AE-194 (I-37)

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
<u>Coal Estate Only</u>				
1	Adria C. Kilbreath 3512 Stuart Av Richmond, VA 23221	Unleased	10.17%	8.158
	Amanda L. Shepley 2700 Hidden Oaks Pl Richmond, VA 23233	Unleased	10.17%	8.158
2	Edith G. Street P.O. Box 792 Grundy, VA 24614	Unleased	1.08%	0.868
6	Edith G. Street P.O. Box 792 Grundy, VA 24614	Unleased	0.05%	0.043
7	Adria C. Kilbreath 3512 Stuart Av Richmond, VA 23221 (coal below 800 feet)	Unleased	0.02%	0.0150
	Amanda L. Shepley 2700 Hidden Oaks Pl Richmond, VA 23233 (coal below 800 feet)	Unleased	0.02%	0.015
8	Whitewood Volunteer Fire Department 1186 Wimmer Gap Road Whitewood, VA 24657	Unleased	3.890%	3.120
<u>Total Percentage Unleased</u>			25.407%	
<u>Total Acreage Unleased</u>				20.38

160-Pages

#26

Buchanan

INSTRUMENT #090003361
RECORDED IN THE CLERK'S OFFICE OF
BUCHANAN COUNTY ON
OCTOBER 29, 2009 AT 01:28PM

BEVERLY S. TILLER, CLERK
RECORDED BY: DA

1529

INSTRUMENT PREPARED BY
VIRGINIA GAS AND OIL BOARD

ORDER RECORDED UNDER CODE
OF VIRGINIA SECTION 45.1-361.26

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

SUPPLEMENTAL ORDER REGARDING

DOCKET NO. VGOB 08/07/15-2281

ELECTIONS, UNIT: AE-170 & AE-194 (I-37A)

(hereinafter "Subject Drilling Unit")

REPORT OF BOARD

FINDINGS AND ORDER

1. This Supplemental Order is entered by the Board sua sponte in the form authorized by the Board at its hearing held at 9:00 a.m. on October 20, 1992, Board of Supervisors Room, Courthouse, Grundy, Virginia, and pursuant to authority granted to the Board's Chairman at the hearing of the Virginia Gas and Oil Board on June 16, 1992, at 9:00 a.m. at the Rhododendron Restaurant at the Breaks Interstate Park, Breaks, Virginia; and this Supplemental Order is being recorded for the purpose of (1) complying with the requirement of the Virginia Gas and Oil Board Regulations, 4 VAC 25-160.70C by supplementing the Order previously issued by the Board for subject Docket on October 8, 2009, and recorded with Instrument # 090003361 at the Office of the Clerk of Circuit Court, Buchanan County, Virginia on October 29, 2009, (herein "Board Order") to complete the record regarding elections. The Board Order pooled all interest in Subject Drilling Unit including those of the Respondents more particularly set forth and identified by the Designated Operator in the affidavits attached hereto and made a part hereof. The Board finds it has jurisdiction over the subject matter pursuant to the provisions of the Virginia Gas and Oil Act, § 45.1-361.1 et seq., Virginia Code, 1950 as amended.
2. Findings: The Board finds that:
 - (a) The Board Order directed Appalachian Energy Inc., (herein the Designated Operator"), to mail copies of the Board Order to all respondents whose interest, if any, were pooled by said Board Order;
 - (b) The designated operator filed its affidavit of mailing dated December 29, 2009, disclosing that it had mailed a correct copy of the Board's Order to all Respondents whose interest, if any, were pooled by said Board Order;

- (c) The Board Order required each Respondent whose interest, if any, were pooled by the terms of said Board Order to make his or her election within thirty (30) days after the date of mailing or recording, as applicable, of said Order; the Designated Operator has filed its affidavit dated October 20, 2010, in accordance with § 7.C of the Virginia Gas and Oil Board Regulations and 4 VAC 25-160.70C (herein "Affidavit of Election"), wherein it has, for each Respondent whose interest, if any, were pooled by said Board Order, stated: (i) whether each Respondent has made or failed to make a timely election; (ii) the nature of the election made, if any; (iii) whether, by reason of a failure to elect or to timely elect one or more Respondents are deemed, under the terms of the Board's Order, to have leased all their rights, title, interest, estates and claims in Subject Drilling Unit to the Designated Operator;
 - (d) The Board Order further required the Designated Operator, after expiration of the election period, to file with the Board a statement of the interests subject to escrow under the terms and provisions of the Board Order, in light of the elections made or deemed to have been made (herein "Statement of Interests"); that the Designated Operator furnished said Statement of Interests as part of its Affidavit of Election. A copy of which is attached hereto as Exhibit B;
 - (e) Current Board standards requiring the escrow of funds and the Board's agreement with its Escrow Agent, First Bank & Trust Company, P.O. Box 3860, Kingsport, TN, 37660 (423) 245-6971, Attn: Debbie Davis, or any successor named by the Board, require the entry of a Supplemental Order establishing of record the elections made or deemed to have been made and specifying the sums or percentage thereof subject to escrow. Current Board escrow standards were made applicable to Subject Drilling Unit by a Board Order dated December 23, 1992.
3. Order: By this Order, the Board orders the Designated Operator to tender, consistent with and in accordance with the findings set forth at paragraph 2 above and the annexed Affidavits, any funds subject to escrow and instructs the Escrow Agent, First Bank & Trust Company, P.O. Box 3860, Kingsport, TN, 37660 (423) 245-6971, Attn: Debbie Davis, or any successor named by the Board to establish interest-bearing escrow account(s), IRS Tax Identification Number 54-1629506, in accordance with the information set forth in said affidavits to receive such funds and account to the Board therefore.
4. Mailing of Order and Filing of Affidavit: The Designated Operator under the captioned Order or its Attorney shall file an affidavit with the Secretary of the Board within ten (10) days after the date of receipt of this Order stating that a true and correct copy of this Order was mailed to each person whose interest or claim is subject to escrow and whose address is known.
5. Conclusion: Therefore, the findings and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.
6. Effective Date: This Order shall be effective on the date of its execution.

DONE AND EXECUTED this 3 day of Nov, 2010 by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert
Chairman, Bradley C. Lambert

DONE AND PERFORMED THIS 3 day of Nov., 2010 by Order of this Board.

David E. Asbury Jr.
David Asbury
Principal Executive to the Staff
Virginia Gas and Oil Board

STATE OF VIRGINIA)
COUNTY OF RUSSELL)

Acknowledged on this 3rd day of Nov, 2010, 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 Chairman of the Virginia Gas and Oil Board, and David Asbury, 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.

Diane J. Davis
Diane Davis, Notary
174394

My commission expires: September 30, 2013



3

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

IN RE: Application of Appalachian Energy, Inc., for Forced Pooling of Interests in Unit Number AE-170 & AE-194 (I-37A) VGOB Docket No. VGOB-08/07/15-2281 in the Garden Magisterial District of Buchanan County, Virginia.

AFFIDAVIT OF WILHOIT & KAISER, Attorneys-at-Law, Agents for the Designated Operator REGARDING ELECTIONS, ESCROW ACCOUNTS AND SUPPLEMENTAL ORDER

James E. Kaiser (herein Affiant), being first duly sworn on oath, deposes and says:

1. That the Affiant is an attorney in the law firm of WILHOIT & KAISER, the Agent for the Designated Operator, with offices located at 220 Broad Street, Kingsport, Tennessee 37660, and is authorized to give this Affidavit in its behalf;
2. That the Order entered on October 8, 2009, by the Virginia Gas and Oil Board regarding the captioned Conventional Unit required the Applicant to mail a true and correct copy of said Order to each person pooled by said Order;
3. That within seven (7) days of the receipt of an executed copy of the Order referred to at Paragraph 2. above, the Affiant was directed to cause a true and correct copy of said Order to be mailed via the United States Postal Service to each Respondent named in the captioned Application, whose address was known, and to all persons, if any, who are added as Respondents at the hearing held in the captioned matter;
4. That the Order of the Virginia Gas and Oil Board in the captioned matter required all persons pooled thereby to tender their written elections to the Unit Operator within thirty (30) days of the date said Order was recorded in the county above named; that said Order was recorded on October 29, 2009.
5. That the Designated Operator, by and through their agent, Wilhoit & Kaiser, Attorneys-at-Law, have established procedures to review all mail received and all written documents received by means other than by mail to ascertain whether parties whose interest have been pooled have made a written election, in a timely fashion, as required by the captioned Order; that said procedures were followed to identify the elections, if any, made with regard to Subject Unit; that the following persons delivered, by mail or otherwise, written elections to the Unit Operator, within the thirty day election periods:

NONE

6. That the interest and/or claims of the following persons (who made timely elections, or who are deemed under the terms of the Board's Order to have leased, or who, subsequent to the pooling hearing held in the captioned matter, have leased or otherwise entered into an agreement with the Designated Operator) are subject to escrow as either unknown claimants or conflicting claimants under the Board's Order pooling the captioned Unit, Board Regulations and the Code of Virginia; that opposite the name of each person named as a Respondent listed below is set forth:

NONE

7. That after the pooling hearing held in the captioned matter, the following persons have leased or entered into a voluntary agreement with the Designated Operator with regard to their interest and/or claims.

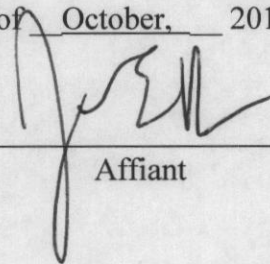
NONE

8. That the following persons have not made a timely election and have failed to enter into an agreement with the Designated Operator and their respective interests shall be deemed to have leased pursuant to and in accordance with paragraph 10 of the Order.

See Exhibit B-3

That pursuant to the provision of 4VAC 25-160.70C annexed hereto and incorporated herein is a proposed supplemental order to be entered to complete the record regarding elections; that said annexed supplemental order sets forth that the services of the Escrow Agent are not required in this matter pursuant to the terms of §§ 45.1-361.21.D.

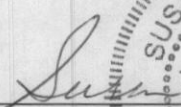
Dated at Kingsport, Tennessee, this 20th day of October, 2010.

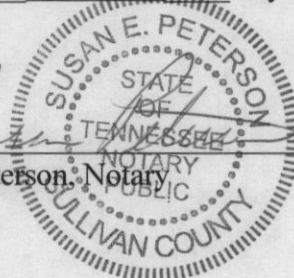


Affiant

State of Tennessee)
County of Sullivan)

Taken, subscribed and sworn to before me by James E. Kaiser, the Agent of Appalachian Energy Inc., a corporation, on behalf of the corporation, this 20th day of October, 2010.



Susan Peterson, Notary


My commission expires: October 24, 2012 .



EXHIBIT "B"
AE-170 & AE-194
I-37
(Revised 7-14-08)

TRACT	LESSOR	LEASE STATUS	INTEREST WITHIN UNIT	GROSS ACREAGE IN UNIT
	<u>Gas Estate Only</u>			
	<u>Heirs or Survivors of Fulton H. Cole</u>		40.69%	32.6300
1	Adria C. Kilbreath 3512 Stuart Av Richmond, VA 23221	Leased	10.17%	8.1575
	Amanda L. Shepley 2700 Hidden Oaks Pl Richmond, VA 23233	Leased	10.17%	8.1575
	Peggy W. Cole PO Box 78 Whitewood VA 24657	Leased	20.35%	16.3150
	<u>CAROLINE COLE ESTATE</u>		19.49%	15.63
2	Edith G. Street P.O. Box 792 Grundy, VA 24614	Leased	1.08%	0.868
	Martha Combs c/o A.G.Edwards & Co. P.O. Box 1199 Bluefield, VA 24605-4199	Leased	0.36%	0.289
	Fred H. Combs Testamentary Trust c/o Kelly Necessary - Trustee P.O. Box 841 Tazewell, VA 24651 and Elene Combs 318 East Fincastle Tazewell, VA 24651	Leased	0.36%	0.289
	Carol Irvine 4710 Hunterwood Circle Richmond, TX 77469-7635	Leased	0.36%	0.289
	Nancy Cole Box 2075 Beckley, WV 25802	Leased	2.166%	1.737
	James W. & Daisy Burress 22638 Aven Lane Abingdon, VA 24211	Leased	1.083%	0.868
	Margaret & Jerry Davis P.O. Box 10 Richlands, VA 24641	Leased	1.083%	0.868
	Timothy McDonald P.O. Box 609 Prestonsburg, KY 41653	Leased	0.433%	0.347
	Tamala Williams P.O. Box 82 Roaring Gap, NC 28668	Leased	0.433%	0.347
	Gregory B. McDonald P.O. Box 727 Prestonsburg, KY 41653	Leased	0.433%	0.347
	Greta Meek 177 Colvin Branch Oil Springs, KY 41238	Leased	0.433%	0.347
	William Byrd McDonald 513 NW 13th St. Suite 202 Portland, OR 97209	Leased	0.433%	0.347
	Larry Dean & Bridget Cole 19339 Old Jonesboro Road Abingdon, VA 24211	Leased	0.361%	0.289

	Mary Francis Harris 4823 Basswood Drive Columbus, GA 31904	Leased	0.361%	0.289
	Harold Cole 1436 Betana Avenue Akron, OH 44310	Leased	1.444%	1.158
	Donald Stephen Cole 7583 Lakewater Drive Cincinnati, OH 45242	Leased	0.722%	0.579
	Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	Leased	0.722%	0.579
	Norma Cole Dotson P.O. Box 226 Rosedale, VA 24280	Leased	1.44%	1.158
	Caroline & Claude Keen Drawer B Whitewood, VA 24657	Leased	5.053%	4.052
	Thurman & Archine Cooper PO Box 782 Doran, VA 24612	Leased	0.241%	0.193
	Karen & Bryan Rowe Box 366 Bradshaw, WV 24871	Leased	0.120%	0.096
	Sharon & William Daniels PO Drawer T Gilbert, WV 25621	Leased	0.120%	0.096
	Melanie D. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.080%	0.064
	Corey S. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.080%	0.064
	Byron D. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.080%	0.064
3	Katherine B. Cole Estate PO Box 85 Jewell Ridge, VA 24622	Leased	15.92%	12.770
4	**Norfolk Southern Railway c/o Pocahontas Land Bluefield, WV	**Leased	3.30%	2.650
	** CNX Gas Company LLC 2481 John Nash Blvd Bluefield, WV 24701			
5	Lowell Roger Cole HC 66 Whitewood VA 24657	Leased	15.66%	12.56
6	Norfolk & Southern Railroad (coal above 800 feet)	**Leased		
	Caroline Cole Estate (coal below 800 feet)		0.98%	0.780
	Edith G. Street P.O. Box 792 Grundy, VA 24614	Leased	0.05%	0.043
	Martha Combs c/o A.G. Edwards & Co. P.O. Box 1199 Bluefield, VA 24605-4199	Leased	0.02%	0.014

8

Fred H. Combs Testamentary Trust c/o Kelly Necessary - Trustee P.O. Box 841 Tazewell, VA 24651 and Elene Combs 318 East Fincastle Tazewell, VA 24651	Leased	0.02%	0.014
Carol Irvine 4710 Hunterwood Circle Richmond, TX 77469-7635	Leased	0.02%	0.014
Nancy Cole Box 2075 Beckley, WV 25802	Leased	0.109%	0.087
James W. & Daisy Burress 22638 Aven Lane Abingdon, VA 24211	Leased	0.054%	0.043
Margaret & Jerry Davis P.O. Box 10 Richlands, VA 24641	Leased	0.054%	0.043
Timothy McDonald P.O. Box 609 Prestonsburg, KY 41653	Leased	0.022%	0.017
Tamala Williams P.O. Box 82 Roaring Gap, NC 28668	Leased	0.022%	0.017
Gregory B. McDonald P.O. Box 727 Prestonsburg, KY 41653	Leased	0.022%	0.017
Greta Meek 177 Colvin Branch Oil Springs, KY 41238	Leased	0.022%	0.017
William Byrd McDonald 513 NW 13th St. Suite 202 Portland, OR 97209	Leased	0.022%	0.017
Larry Dean & Bridget Cole 19339 Old Jonesboro Road Abingdon, VA 24211	Leased	0.018%	0.014
Mary Francis Harris 4823 Basswood Drive Columbus, GA 31904	Leased	0.018%	0.014
Harold Cole 1436 Betana Avenue Akron, OH 44310	Leased	0.073%	0.058
Donald Stephen Cole 7583 Lakewater Drive Cincinnati, OH 45242	Leased	0.036%	0.029
Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	Leased	0.036%	0.029
Norma Cole Dotson P.O. Box 226 Rosedale, VA 24280	Leased	0.07%	0.058
Caroline & Claude Keen Drawer B Whitewood, VA 24657	Leased	0.254%	0.202

	Thurman & Archine Cooper PO Box 782 Doran, VA 24612	Leased	0.012%	0.010
	Karen & Bryan Rowe Box 366 Bradshaw, WV 24871	Leased	0.006%	0.005
	Sharon & William Daniels PO Drawer T Gilbert, WV 25621	Leased	0.006%	0.005
	Melanie D. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.004%	0.003
	Corey S. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.004%	0.003
	Byron D. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.004%	0.003
7	**Norfolk Southern Railway c/o Pocahontas Land PO Box 1517 Bluefield, WV (coal above 800 feet)	Leased		
	Heirs or Survivors of Fulton H. Cole		0.070%	0.060
	Peggy W. Cole 16155 Dismal River Rd Whitewood, VA 24657 (coal below 800 feet)	Leased	0.035%	0.030
	Adria C. Kilbreath 3512 Stuart Av Richmond, VA 23221 (coal below 800 feet)	Leased	0.02%	0.0150
	Amanda L. Shepley 2700 Hidden Oaks Pl Richmond, VA 23233 (coal below 800 feet)	Leased	0.02%	0.015
8	Whitewood Volunteer Fire Department 1186 Wimmer Gap Road Whitewood, VA 24657	Leased	3.890%	3.120
Totals				
Total Percentage Leased AEI			100.000%	
			100.000%	
Total Acreage Leased AEI				80.20
				80.20

10

EXHIBIT "B"
AE-170 & AE-194
I-37

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
	<u>Coal Estate Only</u>			
	<u>Heirs or Survivors of Fulton H. Cole</u>		40.69%	32.6300
1	Adria C. Kilbreath 3512 Stuart Av Richmond, VA 23221	Unleased	10.17%	8.158
	Amanda L. Shepley 2700 Hidden Oaks Pl Richmond, VA 23233	Unleased	10.17%	8.158
	Peggy W. Cole PO Box 78 Whitewood VA 24657	Leased	20.35%	16.315
	<u>CAROLINE COLE ESTATE</u>		19.49%	15.63
2	Edith G. Street P.O. Box 792 Grundy, VA 24614	Unleased	1.08%	0.868
	Martha Combs c/o A.G. Edwards & Co. P.O. Box 1199 Bluefield, VA 24605-4199	Leased	0.36%	0.289
	Fred H. Combs Testamentary Trust c/o Kelly Necessary - Trustee P.O. Box 841 Tazewell, VA 24651 and Elene Combs 318 East Fincastle Tazewell, VA 24651	Leased	0.36%	0.289
	Carol Irvine 4710 Hunterwood Circle Richmond, TX 77469-7635	Leased	0.36%	0.289
	Nancy Cole Box 2075 Beckley, WV 25802	Leased	2.166%	1.737
	James W. & Daisy Burress 22638 Aven Lane Abingdon, VA 24211	Leased	1.083%	0.868
	Margaret & Jerry Davis P.O. Box 10 Richlands, VA 24641	Leased	1.083%	0.868
	Timothy McDonald P.O. Box 609 Prestonsburg, KY 41653	Leased	0.433%	0.347
	Tamala Williams P.O. Box 82 Roaring Gap, NC 28668	Leased	0.433%	0.347

	Gregory B. McDonald P.O. Box 727 Prestonsburg, KY 41653	Leased	0.433%	0.347
	Greta Meek 177 Colvin Branch Oil Springs, KY 41238	Leased	0.433%	0.347
	William Byrd McDonald 513 NW 13th St. Suite 202 Portland, OR 97209	Leased	0.433%	0.347
	Larry Dean & Bridget Cole 19339 Old Jonesboro Road Abingdon, VA 24211	Leased	0.361%	0.289
	Mary Francis Harris 4823 Basswood Drive Columbus, GA 31904	Leased	0.361%	0.289
	Harold Cole 1436 Betana Avenue Akron, OH 44310	Leased	1.444%	1.158
	Donald Stephen Cole 7583 Lakewater Drive Cincinnati, OH 45242	Leased	0.722%	0.579
	Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	Leased	0.722%	0.579
	Norma Cole Dotson P.O. Box 226 Rosedale, VA 24280	Leased	1.44%	1.158
	Caroline & Claude Keen Drawer B Whitewood, VA 24657	Leased	5.053%	4.052
	Thurman & Archine Cooper PO Box 782 Doran, VA 24612	Leased	0.241%	0.193
	Karen & Bryan Rowe Box 366 Bradshaw, WV 24871	Leased	0.120%	0.096
	Sharon & William Daniels PO Drawer T Gilbert, WV 25621	Leased	0.120%	0.096
	Melanie D. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.080%	0.064
	Corey S. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.080%	0.064
	Byron D. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.080%	0.064
3	Katherine B. Cole Estate PO Box 85 Jewell Ridge, VA 24622	Leased	15.92%	12.7700
4	**Norfolk Southern Railway c/o Pocahontas Land Bluefiled, WV	**Leased	3.30%	2.650

5	Lowell Roger Cole HC 66 Whitewood VA 24657	Leased	15.66%	12.560
6	**Norfolk & Southern Railroad (coal above 800 feet)	Leased		
	Caroline Cole Estate (coal below 800 feet)		0.98%	0.780
	Edith G. Street P.O. Box 792 Grundy, VA 24614	Unleased	0.05%	0.043
	Martha Combs c/o A.G. Edwards & Co. P.O. Box 1199 Bluefield, VA 24605-4199	Leased	0.02%	0.014
	Fred H. Combs Testamentary Trust c/o Kelly Necessary - Trustee P.O. Box 841 Tazewell, VA 24651 and Elene Combs 318 East Fincastle Tazewell, VA 24651	Leased	0.02%	0.014
	Carol Irvine 4710 Hunterwood Circle Richmond, TX 77469-7635	Leased	0.02%	0.014
	Nancy Cole Box 2075 Beckley, WV 25802	Leased	0.109%	0.087
	James W. & Daisy Burress 22638 Aven Lane Abingdon, VA 24211	Leased	0.054%	0.043
	Margaret & Jerry Davis P.O. Box 10 Richlands, VA 24641	Leased	0.054%	0.043
	Timothy McDonald P.O. Box 609 Prestonsburg, KY 41653	Leased	0.022%	0.017
	Tamala Williams P.O. Box 82 Roaring Gap, NC 28668	Leased	0.022%	0.017
	Gregory B. McDonald P.O. Box 727 Prestonsburg, KY 41653	Leased	0.022%	0.017
	Greta Meek 177 Colvin Branch Oil Springs, KY 41238	Leased	0.022%	0.017
	William Byrd McDonald 513 NW 13th St. Suite 202 Portland, OR 97209	Leased	0.022%	0.017
	Larry Dean & Bridget Cole 19339 Old Jonesboro Road Abingdon, VA 24211	Leased	0.018%	0.014
	Mary Francis Harris 4823 Basswood Drive Columbus, GA 31904	Leased	0.018%	0.014
	Harold Cole 1436 Betana Avenue Akron, OH 44310	Leased	0.073%	0.058

	Donald Stephen Cole 7583 Lakewater Drive Cincinnati, OH 45242	Leased	0.036%	0.029
	Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	Leased	0.036%	0.029
	Norma Cole Dotson P.O. Box 226 Rosedale, VA 24280	Leased	0.07%	0.058
	Caroline & Claude Keen Drawer B Whitewood, VA 24657	Leased	0.254%	0.202
	Thurman & Archine Cooper PO Box 782 Doran, VA 24612	Leased	0.012%	0.010
	Karen & Bryan Rowe Box 366 Bradshaw, WV 24871	Leased	0.006%	0.005
	Sharon & William Daniels PO Drawer T Gilbert, WV 25621	Leased	0.006%	0.005
	Melanie D. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.004%	0.003
	Corey S. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.004%	0.003
	Byron D. Cooper P.O. Box 314 Hurley, VA 24620	Leased	0.004%	0.003
7	**Norfolk Southern Railway c/o Pocahontas Land PO Box 1517 Bluefield, WV (coal above 800 feet)	Leased		
	Heirs or Survivors of Fulton H. Cole		0.070%	0.060
	Peggy W. Cole 16155 Dismal River Rd Whitewood, VA 24657 (coal below 800 feet)	Leased	0.035%	0.030
	Adria C. Kilbreath 3512 Stuart Av Richmond, VA 23221 (coal below 800 feet)	Unleased	0.02%	0.0150
	Amanda L. Shepley 2700 Hidden Oaks Pl Richmond, VA 23233 (coal below 800 feet)	Unleased	0.02%	0.015
8	Whitewood Volunteer Fire Department 1186 Wimmer Gap Road Whitewood, VA 24657	Unleased	3.890%	3.120
Totals				
Total Percentage Leased AEI			74.593%	
Total Percentage Unleased			25.407%	
Total Acreage Leased AEI			100.000%	
Total Acreage Unleased				59.82
				20.38
				80.20
** CNX Gas LLC - Lessee				

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Exhibit B-3
AE-170 & AE-194 (I-37)

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
<u>Gas Estate Only</u>				
3	Katherine B. Cole Estate PO Box 85 Jewell Ridge, VA 24622	*Leased Equitable	15.92%	12.770
	* Equitable Production Company 1710 Pennsylvania Avenue Charleston, WV 25302 Oil & Gas Lessee			
*Total Percentage Leased to Equitable			15.920%	
*Total Acreage Leased Equitable				12.770

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Exhibit B-3
AE-170 & AE-194 (I-37)

TRACT	LESSOR	LEASE STATUS	INTEREST WITHIN UNIT	GROSS ACREAGE IN UNIT
<u>Coal Estate Only</u>				
1	Adria C. Kilbreath 3512 Stuart Av Richmond, VA 23221	Unleased	10.17%	8.158
	Amanda L. Shepley 2700 Hidden Oaks Pl Richmond, VA 23233	Unleased	10.17%	8.158
2	Edith G. Street P.O. Box 792 Grundy, VA 24614	Unleased	1.08%	0.868
6	Edith G. Street P.O. Box 792 Grundy, VA 24614	Unleased	0.05%	0.043
7	Adria C. Kilbreath 3512 Stuart Av Richmond, VA 23221 (coal below 800 feet)	Unleased	0.02%	0.0150
	Amanda L. Shepley 2700 Hidden Oaks Pl Richmond, VA 23233 (coal below 800 feet)	Unleased	0.02%	0.015
8	Whitewood Volunteer Fire Department 1186 Wimmer Gap Road Whitewood, VA 24657	Unleased	3.890%	3.120
Total Percentage Unleased			25.407%	
Total Acreage Unleased				20.38

INSTRUMENT #100003116
RECORDED IN THE CLERK'S OFFICE OF
BUCHANAN COUNTY ON
NOVEMBER 17, 2010 AT 02:47PM

BEVERLY S. TILLER, CLERK
RECORDED BY: GGB

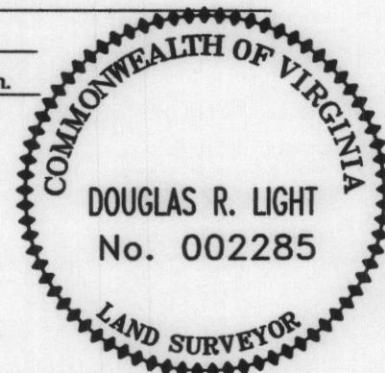
14

LEGEND

	Proposed Well
ML	Mineral Line
SL	Surface Line
	Existing Well

Company APPALACHIAN ENERGY, INC. Well Name or Number AE-194 (CBM I-37A)
Tract No. PEGGY W. COLE, ET AL Quadrangle KEEN MOUNTAIN
District GARDEN
Well Coordinates (Virginia State Plane) N 350,623.63 E 1,012,722.80
Elevation: 1920.73 Method Used to Determine Elevation: Trig. Levels from GPS derived elevation.
County BUCHANAN Scale: 1" = 400' Date 6-04-08
This Plat is a new plat X; an updated plat _____; or a final location plat _____

~~Licensed Professional Engineer or Licensed Land Surveyor~~



210000590

APPLICANT: POCAHONTAS GAS LLC) VIRGINIA GAS
) AND OIL BOARD
RELIEF SOUGHT: RE-POOLING OF INTERESTS IN)
DRILLING UNIT I-37 LOCATED) DOCKET NO(S)
IN THE OAKWOOD COALBED METHANE GAS) 08-0715-2281 &
FIELDS I&II PURSUANT TO VA. CODE) 21-0420-4238
SS 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 I-37)
(herein "Subject Drilling Unit"))
IN THE OAKWOOD COALBED METHANE GAS FIELDS I&II)
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)
)

FINDINGS AND ORDER

- Page Number: 39 Page Number 1.

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 of Claimants of Coalbed Methane Gas interests in Subject Formation, in 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 re-pool their Gas interests. Conflicting Gas Owners/Claimants in Subject Drilling Unit (if any) 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 re-pool all the rights, interests and estates in and to the Gas in Subject Drilling Unit, including the re-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 Unit Co-Operator. It is understood that Appalachian Energy, Inc. has previously pooled unit I-37 under 08-0715-2281. Appalachian Energy, Inc. will retain their rights as Unit Operator under the prior docket as it pertains to wells AE-170 and AE-194. It is also understood that as of 12:00 PM on the date which Appalachian Energy, Inc., or their designee, should cause the 2 aforementioned wells, AE-170 and AE-194, to be permanently plugged and abandoned, Pocahontas Gas LLC shall become sole Unit Operator.

7. Relief Granted: The Applicant's requested relief in this cause shall 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 Co-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 II Order docket number VGOB 91-1119-162, effective December 17, 1991; 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 II 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, dependent on the particular long wall mining plan applicable to each 80-acre drilling unit. The Designated Co-Operator of any 80-acre drilling unit or units within the boundaries, of which any long wall panel which has been isolated by the driving of entries is located and from which Unsealed Gob Gas, Short Hole Gas or Gas from any Well authorized by the Code of Virginia is produced, shall calculate production and revenue based upon the mine plan as implemented within each affected 80-acre drilling unit and in particular, based upon the mineral acreage, as platted upon the surface, in each 80-acre drilling unit actually contained within a long wall panel as depicted by said mine plan. Except as otherwise provided herein, a copy of the pertinent portion of the mine plan being utilized to calculate production, revenue and costs from any affected 80-acre drilling unit shall be filed of record with the Board prior to the payment of any revenue based upon such calculations.

The formula or division of interest for production from any 80-acre drilling unit affected by a long wall panel and from any; separately owned tract in any such 80-acre unit shall be calculated as follows:

- 7.1 For Short Hole Gas - The amount of production produced from and attributed to each 80-acre drilling unit shall be the ratio (expressed as a percentage) that the amount of mineral acreage, when platted on the surface, which is both in the affected unit and the long wall panel, bears to the total mineral acreage, when platted on the surface, contained within the entire long wall panel affecting such 80-acre drilling unit.
- 7.2 For Unsealed Gob Gas - The amount of production produced from and attributed to each 80-acre drilling unit shall be the ratio (expressed as a percentage) that the amount of mineral acreage, when platted on the surface, which is both in the affected unit and the long wall panel, bears to the total mineral acreage, when platted on the surface, contained within the entire long wall panel affecting such 80-acre drilling unit.
- 7.3 a. For Gas from Any Well Located in a Long Wall Panel - After actual commencement of coal mining operations by the driving of entries and completion of isolation of a long wall panel, the amount of Gas produced from such a well and attributed to each 80-acre drilling unit shall be the ratio (expressed as a percentage) that the amount of mineral acreage, when platted on the surface, which is both in the affected 80-acre drilling

unit and the isolated long wall panel, bears to the total mineral acreage, when platted on the surface, contained within the entire long wall panel affecting such 80-acre drilling unit.

b. For Frac Well Gas - Prior to the actual commencement of coal mining operations by the driving of entries and completion of isolation of a long wall panel, Gas from any well located in a proposed long wall panel 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 for 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 II 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:	I37	\$221,696.00
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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 Co-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 Co-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 Co-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 Co-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 Co-Operator (or Operator): Pocahontas Gas LLC shall be and hereby is designated as Unit Co-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 II Order Docket Number VGOB 91-1119-162, 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
PO Box 570
Pounding Mill, VA 24637
Attn: Sherri R. Scott

14. Commencement of Operations: Unit Co-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 Co-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 Subject Drilling Unit whose payments are subject to the provisions of Paragraph 16.1 hereof in the Subject Drilling Unit; and, the Unit Co-Operator has represented to the Board that there are NO conflicting claimants in the Subject Drilling Unit 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 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
667 West Main St
Abingdon, VA 24210

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 Co-Operator and, pursuant to Va. Code § 45.1-361.21.D, said sums shall be deposited by the Unit Co-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 Co-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 Co-Operator for Subject Drilling Unit and to faithfully discharge the duties imposed upon it as Unit Co-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 **99.6216** 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 Co-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 **0.3784** 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 Co-Operator to said Director and/or his Inspector(s).

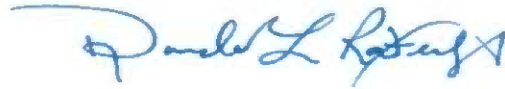
20. Conclusion: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.

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.

210000590

DONE AND EXECUTED this 30 day of April, 2021 by a majority of the Virginia Gas and Oil Board.



Interim Chairman, Donald L. Ratliff

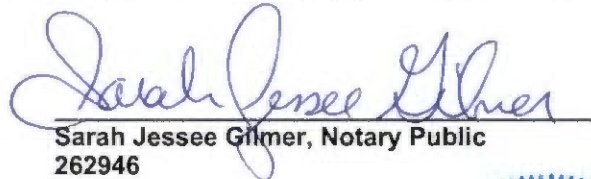
DONE AND PERFORMED this 30 day of April, 2021 by Order of the Virginia Gas and Oil Board.



James P. Skorupa
Principal Executive to the staff,
Virginia Gas and Oil Board

COMMONWEALTH OF VIRGINIA
COUNTY OF RUSSELL

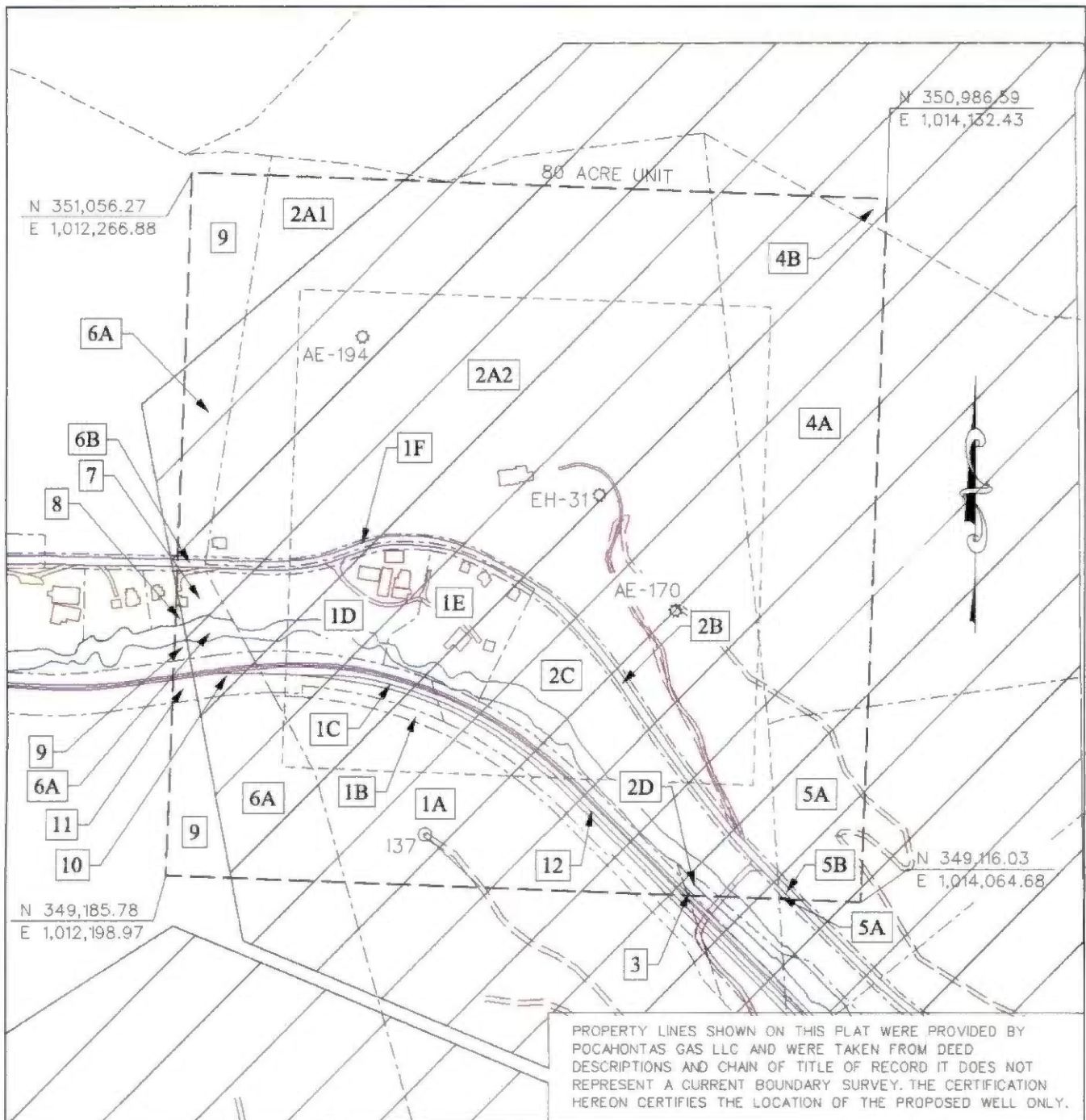
Acknowledged on this 30th day of April, 2021, personally before me a notary public in and for the Commonwealth of Virginia, appeared Donald L. Ratliff, being duly sworn did depose and say that he is the Interim Chairman of the Virginia Gas and Oil Board and appeared James P. Skorupa, being duly sworn 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, 2025





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.

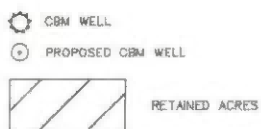


EXHIBIT A
OAKWOOD FIELD
UNIT 137
FORCE POOLING
VGOB-21-0420-4238

Company POCAHONTAS GAS LLC

Tract No. _____

County Buchanan

District _____

This plat is a new plat X

Well Name and Number UNIT 137

Quadrangle _____

Scale: 1" = 400'

or a final plat

Digitally signed by

ALLEN MITCHELL

Date: 2021.03.24

07:44:45 -0400

Form DGO-GO-7

Rev. 9/91

Licensed Professional Engineer or Licensed Land Surveyor

**Pocahontas Gas LLC
UNIT I37
Tract Identifications**

210000590

1. Buchanan Mining Company LLC – Coal
Revelation Energy, LLC – Coal Above Tiller Seam Leased
Pocahontas Gas LLC – Oil, Gas, and CBM
Appalachian Energy, Inc – Oil and Gas Leased (retained acres)
Appalachian Energy, Inc – CBM Leased (deemed leased via JOA)
13.23 Acres 16.5375%

- 1A. Buchanan Mining Company LLC – Surface
- 1B. Norfolk Southern Railway Company – Surface
- 1C. Norfolk Southern Railway Company – Surface
- 1D. Unknown Surface Owner
- 1E. Unknown Surface Owner
- 1F. Commonwealth of Virginia SR 638 – Surface

- 2A1. Peggy Cole – Minerals
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased
Appalachian Energy, Inc. – Oil and Gas Leased
Appalachian Energy, Inc. – CBM Leased (deemed lease via JOA)
Peggy Cole – Surface
1.55 Acres 1.9375%

- 2A2. Peggy Cole – Minerals
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased
Appalachian Energy, Inc. – Oil and Gas Leased (retained Acres)
Appalachian Energy, Inc. – CBM Leased (deemed lease via JOA)
39.98 Acres 49.9750%

- 2A2. Peggy Cole – Surface
- 2B. Commonwealth of Virginia SR 638 – Surface
- 2C. Whitewood Volunteer Fire Department, Inc. – Surface
- 2D. Norfolk Southern Railway Company – Surface

3. Norfolk Southern Railway Company – Fee except Coal 800 Feet Below the Surface
Buchanan Mining Company LLC – Coal Below 800 Feet
Pocahontas Mining LLC – CBM Leased
0.01 Acres 0.0125%

4. Katherine Cole, et al (114-acre tract) – Minerals
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased
Revelation Energy, Inc. – Jewell and Jawbone Seams of Coal Leased
Appalachian Energy, Inc. – Oil and Gas Leased (retained acres)
Pocahontas Gas LLC – CBM Leased
11.71 Acres 14.6375%

"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."

**Pocahontas Gas LLC
UNIT 137
Tract Identifications**

210000590

- 4A. Unknown Surface Owner
4B. Unknown Surface Owner
5. Caroline Keen, et al (79.10 Acre Tract) – Coal except 1/9 in P3 seam and 8/9 in Jawbone Seam
Buchanan Mining Company LLC – P3 Seam of Coal (1/9)
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased
Revelation Energy, Inc. – Jawbone Seam of Coal (8/9)
Revelation Energy, Inc. – Above Drainage Coal Leased Except Jawbone and P3 Seam
Caroline Keen, et al – Oil and Gas
Appalachian Energy, Inc. – Oil and Gas Leased (retained Acres)
Appalachian Energy, Inc. – CBM Leased (81.481480%)
Pocahontas Gas LLC – CBM Leased (12.83951%)
2.76 Acres 3.4500%
- 5A. Caroline Keen, et al – Surface
5B. Commonwealth of Virginia SR 638 – Surface
6. Caroline Keen, et al (164.56-acre tract) – All minerals Except Jawbone and 1/9 in P3 Seam
Buchanan Mining Company LLC – 1/9 P3 Seam of Coal
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased
Revelation Energy, Inc. – Jawbone Seam of Coal
Revelation Energy, Inc. – Above Drainage Coal Leased
Appalachian Energy, Inc. – Oil and Gas Leased (retained Acres)
Appalachian Energy, Inc. – CBM Leased (70.9877%) (deemed leased via JOA)
Pocahontas Gas LLC – CBM Leased (14.5432%)
4.89 Acres 6.1125%
- 6A. Caroline Keen, et al – Surface
6B. Commonwealth of Virginia SR 638 – Surface
7. Buchanan Mining Company LLC – Coal
Pocahontas Gas LLC – Oil, Gas, and CBM
Appalachian Energy, Inc. – Oil and Gas Leased (retained acres)
CNX Gas Company LLC – Surface
0.32 Acres 3.9625%
8. Buchanan Mining Company LLC – Coal
Pocahontas Gas LLC – Oil, Gas, and CBM
CNX Gas Company LLC – Surface
0.02 Acres 0.0250%

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Pocahontas Gas LLC

210000590

UNIT I37

Tract Identifications

9. Caroline Keen, et al (164.56-acre tract) – All minerals Except Jawbone and 1/9 in P3 Seam
Buchanan Mining Company LLC – 1/9 P3 Seam of Coal
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased
Revelation Energy, Inc. – Jawbone Seam of Coal
Revelation Energy, Inc. – Above Drainage Coal Leased
Appalachian Energy, Inc. – Oil and Gas Leased (95.4321%)
Appalachian Energy, Inc. – CBM Leased (70.9877%) (deemed leased via JOA)
Pocahontas Gas LLC – CBM Leased (14.5432%)
3.17 Acres 3.9625%
10. Norfolk Southern Railway Company – Fee less Coal Below 800 Feet
Caroline Cole Keen, et al (164.56-acre tract) – Coal Below 800 Feet
Buchanan Mining Company LLC – 1/9 in P3 seam
Buchanan Mining Company LLC – Below Drainage Coal Leased
Revelation Energy, Inc. – Jawbone
Revelation Energy, Inc. – Above Drainage Coal Leased
Appalachian Energy, Inc. – Oil and Gas Leased (retained acres)
Pocahontas Gas LLC – CBM Leased
0.46 Acres 0.5750%
11. Norfolk Southern Railway Company – Fee less Coal Below 800 Feet
Caroline Cole Keen, et al (164.56-acre tract) – Coal Below 800 Feet
Buchanan Mining Company LLC – 1/9 in P3 seam
Buchanan Mining Company LLC – Below Drainage Coal Leased
Revelation Energy, Inc. – Jawbone
Revelation Energy, Inc. – Above Drainage Coal Leased
Pocahontas Gas LLC – CBM Leased
0.14 Acres 0.1750%
12. Norfolk Southern Railway Company – Fee except coal 800 feet below the Surface
Buchanan Mining Company LLC – Coal Below 800 Feet
Pocahontas Gas LLC – CBM Leased
1.76 Acres 2.2000%

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Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

210000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
I. COAL OWNERSHIP			
Tract #1 - 13.23 Acres			
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	13.23 acres	16.5375%	
Tract #2 - 41.53 Acres			
(1) Peggy W. Cole 16155 Dismal River Road Whitewood, VA 24657	41.53 acres	51.9125%	
Tract #3 - 0.01 Acres			
<i>All coal except coal below 800 feet</i>			
(1) Norfolk Southern Railway Company Real Estate Dept. - Attn: Ann Powell 1200 Peachtree Road; Box 165 Atlanta, GA 30309	0.01 acres	0.0125%	
<i>Coal below 800 feet</i>			
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	0.01 acres	0.0125%	
Tract #4 - 11.71 Acres			
(1) Katherine Cole Estate c/o Reza Cole Dye PO Box 85 Jewell Ridge, VA 24622	11.71	14.6375%	
Tract #5 - 2.76 Acres			
Caroline Cole Keen, et al: (Caroline Cole Gregory Heirs, Devisees, Successors or Assigns) 79.10 Acre Tract	2.76 acres	3.4500%	
(1) Caroline Cole Gregory Heirs, Devisees, Successors or Assigns			
(a) Hassel Cole (1/9)	<i>Interest conveyed to Thelma Parks by creditor's suit dated 5/2/64 (DB 161-326)</i>		
(a.1) Thelma Parks - Coal except P3 Seam	<i>Interest conveyed to Edith Street and Marion Combs by deed dated 5/7/64 (DB 161-366)</i>		
(a.1.1) Edith G. Street *** P.O. Box 450 Abingdon, VA 24212	0.1533 acres 1/18 of 2.76 acres	0.1917%	
(a.1.2) Marion S. Combs Heirs, Devisees, Successors or Assigns (1/18) ***			
(a.1.2.1) Martha E. Combs Trust PO Box 1404 Abingdon, VA 24121	0.0511 acres 1/54 of 2.76 acres	0.0639%	
(a.1.2.2) Frederick H. Combs II Heirs, Devisees, Successors or Assigns			
(a.1.2.2.1) Fred H. Combs II Testamentary Trust c/o Trustee P.O. Box 841 Tazewell, VA 24651	0.0511 acres 1/54 of 2.76 acres	0.0639%	
(a.1.2.3) Carol Irvin	<i>Conveyed 1/54 interest to CIPF, LP (Instrument 1200026521)</i>		
(a.1.2.3.1) CIPF, LP 4710 Hunterwood Circle Richmond, TX 77406	0.0511 acres 1/54 of 2.76 acres	0.0639%	
*** NOTE: Edith G. Street, et vir. and Marion S. Combs, et vir. conveyed their interest in the Pocahontas No. 3 seam to Island Creek Coal Company by deed dated 5/25/81 (DB 323-561).			
(a.2) Buchanan Mining Company LLC - P3 Seam Only PO Drawer L Oakwood, VA 24631	0.3067 acres 1/9 of 2.76 acres	0.3833%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(b) Kemil Cole Heirs, Devisees, Successors or Assigns (1/9)			
(b.1) Mona Cole, widow - Deceased	<i>Dower Interest of a 1/3 Life Estate</i>		

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(b.2) Nancy J. Cole <i>See (b.3.1.a) below</i> P. O. Box 2075 Beckley, WV 26802	0.3067 acres 1/8 of 2.76 acres	0.3833%	
(b.3) Shirley Cole Fuqua Heirs, Devisees, Successors or Assigns (1/18) <i>No issue and her husband is deceased. Shirley Fuqua pre-deceased Mona Cole, her mother.</i>			
(b.3.1) Mona Cole Heirs, Devisees, Successors or Assigns			
(b.3.1.a) Nancy J. Cole (1/18)	<i>The 1/18th interest is combined with (b.2) above.</i>		
(c) Trula Burress Heirs, Devisees, Successors or Assigns (1/9)			
(c.1) James W. Burress 22638 Aven Lane Arlington, VA 24211	0.1533 acres 1/18 of 2.76 acres	0.1917%	
(c.2) Margaret M. Davis P.O. Box 10 Richlands, VA 24841	0.1533 acres 1/18 of 2.76 acres	0.1917%	
(d) Leonard P. Cole (1/9)	<i>Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 8/14/72 (DB 207-254)</i>		
(d.1) B. W. McDonald	<i>Interest in 85 acre tract conveyed to Lena McDonald by deed dated 4/20/85 (DB 321-236)</i>		
(d.2) Lena McDonald Heirs, Devisees, Successors or Assigns			
(d.2.1) Byrd W. McDonald, II 10456 NW 2nd Ave. Portland, OR 97231	0.0613 acres 1/45 of 2.76 acres	0.0767%	
(d.2.2) Timothy J. McDonald 980 Cresswood Drive Prestonsburg, KY 41653	0.0613 acres 1/45 of 2.76 acres	0.0767%	
(d.2.3) Tamala M. Peiphrey 10609 Meeting Street Prospect, KY 40059	0.0613 acres 1/45 of 2.76 acres	0.0767%	
(d.2.4) Gregory B. McDonald 2220 Nicholasville Rd, Ste 250 Lexington, KY 40503	0.0613 acres 1/45 of 2.76 acres	0.0767%	
(d.2.5) Greta McDonald Meek 177 Colvin Branch Oil Springs, KY 41238	0.0613 acres 1/45 of 2.76 acres	0.0767%	
(e) Sherman Cole Heirs, Devisees, Successors or Assigns (1/9)			
(e.1) Virginia Cole, widow - Deceased	<i>Dower interest of a 1/3 Life Estate</i>		
(e.2) Larry Dean Cole 16927 Dismal River Rd Whitewood, VA 24657	0.0511 acres 1/54 of 2.76 acres	0.0639%	
(e.3) Mary F. Harris 4823 Basswood Drive Columbus, GA 31904	0.0511 acres 1/54 of 2.76 acres	0.0639%	
(e.4) Caroline Jones (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/20/85 (DB 311-621). See (e.8) below.</i>		
(e.5) Debbie Cole Rife (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/23/85 (DB 311-623). See (e.8) below.</i>		
(e.6) Leon Lonnie Cole (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 11/01/85 (DB 315-276). See (e.8) below.</i>		
(e.7) Jennings Hobart Cole (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated ___/___/85 (DB 316-278). See (e.8) below.</i>		
(e.8) Claude V. Keen and Caroline Keen	<i>Claude V. Keen D.O.D. 5/14/2012</i>		
(e.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.2044 acres 2/27 of 2.76 acres	0.2556%	
(f) Graham Cole (1/9)	<i>Interest conveyed to Gail F. Cole by deed dated 2/7/64 (DB 159-586)</i>		
(g) Gailie Cole Heirs, Devisees, Successors or Assigns (2/9)	<i>Interest inherited from Caroline Cole Gregory (1/9) plus interest conveyed from Graham Cole (1/9), see (f) above.</i>		
(g.1) Alta M. Cole Heirs, Devisees, Successors or Assigns (2/9)			
(g.1.1) Harold G. Cole Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Doris Jean Cole Heirs, Devisees, Successors, or Assigns	<i>By deed dated 5/23/10 and at Instr# 16-1053. The Estate of Doris Jean Cole purported to convey to Appalachian Energy Inc. all of its interest in minerals in the 85 acre (calc. 79.10 acres) tract. The conveyance may have failed to convey the interest as Kimberly Willis failed to qualify as executor.</i>		
(g.1.1.1.a) Kimberly Willis 1011 Nature Wood Circle Kent, OH 44240			

**Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)**

210000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(g.1.1.1.b) Appalachian Energy, Inc 230 Charwood Drive Abingdon, VA 24210	0.2044 acres 2/27 of 2.76 acres	0.2556%	
(g.1.2) Donald Theodore Cole Heirs, Devisees, Successors or Assigns (2/27)			
(g.1.2.a) Donald Stephen Cole 11 Woodcreek Drive Blue Ash, OH 45241	0.1022 acres 1/27 of 2.76 acres	0.1278%	
(g.1.2.b) Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	0.1022 acres 1/27 of 2.76 acres	0.1278%	
(g.1.3) Charles F. Cole Heirs, Devisees, Successors or Assigns			
(g.1.3.1) Norma Cole Dotson Heirs, Devisees Successors, or Assigns			
(g.1.3.1.1) Sherry Cole <i>Sherry Cole assigned 1/2 of her interest to Anthony Looney 6/25/2019, Instrument# 19-0875</i>			
(g.1.3.1.1.1) Sherry Cole 872 Wolf Creek Trail, Apt. 5 Abingdon, VA 24210	0.1022 acres 1/27 of 2.76 acres	0.1278%	
(g.1.3.1.1.2) Anthony Looney 128 Hampshire Drive Mooresville, NC 28115	0.1022 acres 1/27 of 2.76 acres	0.1278%	
(h) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.3067 acres 1/8 of 2.76 acres	0.3833%	
(i) Nannie Garnett Cole Cooper Heirs, Devisees, Successors or Assigns (1/8)			
(i.1) Hassell McArthur Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 10/21/81 (DB 283-471) - see (i.4) below.</i>		
(i.2) Graham Millard Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 10/26/81 (DB 283-863) - see (i.4) below.</i>		
(i.3) Josh Wilson Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 11/09/81 (DB 284-113) - see (i.4) below.</i>		
(i.4) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.1022 acres 1/27 of 2.76 acres	0.1278%	
(i.5) Thelma Geraldine Murray (1/81)	<i>Interest conveyed to Mark Sizemore by quitclaim deed dated 2/8/85 (DB 309-270)</i>		
(i.5.1) Mark Sizemore, etux. & Thelma Murray	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-722) - see (i.8) below</i>		
(i.6) Lois Nicholson (1/81)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-725) - see (i.8) below</i>		
(i.7) Betty Tristen (1/81)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-728) - see (i.8) below</i>		
(i.8) Claude V. Keen and Caroline Cole Keen	<i>Claude V. Keen O.O.D. 5/14/2012</i>		
(i.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.1022 acres 1/27 of 2.76 acres	0.1278%	
(i.9) Thurman Gerald Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.9.1) Bruce Michael Cooper Heirs, Devisees, Successors or Assigns			
(i.9.1.1) Teens Cooper P.O. Box 131 North Tazewell, VA 24630	0.0057 acres 1/486 of 2.76 acres	0.0071%	
(i.9.2) Rita Gail Cooper 970 Hillman Highway NE, Lot 13 Abingdon, VA 24210	0.0057 acres 1/486 of 2.76 acres	0.0071%	
(i.9.3) Thelma Cooper Mullins 1019 E Second St, Apt. 1 Richlands, VA 24641	0.0057 acres 1/486 of 2.76 acres	0.0071%	
(i.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.0057 acres 1/486 of 2.76 acres	0.0071%	
(i.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.0057 acres 1/486 of 2.76 acres	0.0071%	
(i.9.6) Terry Allen Cooper 17216 Ian Lane, Lot #10 Abingdon, VA 24210	0.0057 acres 1/486 of 2.76 acres	0.0071%	
(i.10) Billy Victor Cooper (1/81) <i>Pre-deceased Garnett Cole Cooper (mother)</i>			
(i.10.1) Karen Cooper Rowe P.O. Box 781	0.0170 acres 1/162 of 2.76 acres	0.0213%	

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

210000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
Hanover, WV 24839			
(i.10.2) Sharon Cooper Daniels P.O. Box 1322 Shady Spring, WV 25918-1322	0.0170 acres 1/162 of 2.78 acres	0.0213%	
(i.11) Gary L. Cooper (1/81)	Pre-deceased Garnett Cole Cooper (mother)		
(i.11.1) Melane D. Cooper 1997 Rockhouse Road Paw Paw, KY 41553	0.0114 acres 1/243 of 2.78 acres	0.0142%	
(i.11.2) Corey S. Cooper 4455 Old Lesters Fork Road Grundy, VA 24614	0.0114 acres 1/243 of 2.78 acres	0.0142%	
(i.11.3) Byron D. Cooper P.O. Box 252 Vansant, VA 24656	0.0114 acres 1/243 of 2.78 acres	0.0142%	
(2) Revelation Energy, Inc. (Jawbone Seam of Coal only) PO Box 743 Doran, VA 24612	2.4533 acres 8/9 of 2.78 acres	3.0667%	
Tract #5 - 4.89 Acres			
Caroline Cole Keen, et al. (Caroline Cole Gregory Heirs, Devisees, Successors or Assigns) (164.56 Acre Tract)	4.89 acres	6.1125%	
(1) Caroline Cole Gregory Heirs, Devisees, Successors or Assigns			
(a) Hassel Cole (1/9)	Interest conveyed to Thelma Parks by creditor's suit dated 5/2/64 (DB 161-326)		
(a.1) Thelma Parks	Interest conveyed to Edith Street and Marion Combs by deed dated 5/7/64 (DB 161-368)		
(a.1.1) Edith G. Street *** P.O. Box 458 Abingdon, VA 24212	0.272 acres 1/18 of 4.89 acres	0.3396%	
(a.1.2) Marion S. Combs Heirs, Devisees, Successors or Assigns (1/18) ***			
(a.1.2.1) Martha E. Combs Trust PO Box 1404 Abingdon, VA 24121	0.081 acres 1/54 of 4.89 acres	0.1132%	
(a.1.2.2) Frederick H. Combs II Heirs, Devisees, Successors or Assigns			
(a.1.2.2.a) Fred H. Combs II Testamentary Trust c/o Trustee P.O. Box 841 Tazewell, VA 24651	0.081 acres 1/54 of 4.89 acres	0.1132%	
(a.1.2.3) Carol Irvin	Conveyed 1/54 interest to CIPL, LP (Instrument 1200026521)		
(a.1.2.3.1) CIPL, LP 4710 Hunterwood Circle Richmond, TX 77406	0.081 acres 1/54 of 4.89 acres	0.1132%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(a.2) Buchanan Mining Company LLC - P3 Seam Only PO Drawer L Oakwood, VA 24631	0.5433 acres 1/9 of 4.89 acres	0.6792%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(b) Kermitt Cole Heirs, Devisees, Successors or Assigns (1/8)			
(b.1) Mona Cole, widow - Deceased	Dower Interest of a 1/3 Life Estate		
(b.2) Nancy J. Cole See (b.3.1.a) below P. O. Box 2075 Beckley, WV 25802	0.543 acres 1/9 of 4.89 acres	0.6792%	
(b.3) Shirley Cole Fuqua Heirs, Devisees, Successors or Assigns (1/18)	No issue and her husband is deceased. Shirley Fuqua pre-deceased Mona Cole, her mother.		
(b.3.1) Mona Cole Heirs, Devisees, Successors or Assigns			
(b.3.1.a) Nancy J. Cole (1/18)	The 1/18th interest is combined with (b.2) above.		
(c) Trula Burress Heirs, Devisees, Successors or Assigns (1/9)			
(c.1) James W. Burress 22838 Aven Lane Abingdon, VA 24211	0.272 acres 1/18 of 4.89 acres	0.3396%	

Exhibit B
Unit B37
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(c.2) Margaret M. Davis P.O. Box 10 Richlands, VA 24641	0.272 acres 1/18 of 4.89 acres	0.3396%	
(d) Leonard P. Cole (1/9) <i>Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 6/14/72 (DB 207-254)</i>			
(d.1) B. W. McDonald Heirs, Devisees, Successors or Assigns			
(d.1.1) B.W. McDonald Testamentary Trust PO Box 999 Prestonsburg, KY 41653	0.163 acres 1/30 of 4.89 acres	0.2038%	
(d.2) Lena McDonald Heirs, Devisees, Successors or Assigns			
(d.2.1) Byrd W. McDonald, II 10456 NW 2nd Ave. Portland, OR 97231	0.076 acres 7/450 of 4.89 acres	0.0951%	
(d.2.2) Timothy J. McDonald 980 Cresswood Drive Prestonsburg, KY 41653	0.076 acres 7/450 of 4.89 acres	0.0951%	
(d.2.3) Tamela M. Pelphrey 10809 Meeting Street Prospect, KY 40059	0.076 acres 7/450 of 4.89 acres	0.0951%	
(d.2.4) Gregory B. McDonald 2220 Nicholasville Rd, Ste 250 Lexington, KY 40503	0.076 acres 7/450 of 4.89 acres	0.0951%	
(d.2.5) Greta McDonald Meek 177 Colvin Branch Oll Springs, KY 41238	0.076 acres 7/450 of 4.89 acres	0.0951%	
(e) Sherman Cole Heirs, Devisees, Successors or Assigns (1/9)			
(e.1) Virgie Cole, widow - Deceased	<i>Dower Interest of a 1/3 Life Estate</i>		
(e.2) Larry Dean Cole 16927 Dismal River Rd Whitewood, VA 24657	0.091 acres 1/54 of 4.89 acres	0.1132%	
(e.3) Mary F. Harris 4823 Basswood Drive Columbus, GA 31904	0.091 acres 1/54 of 4.89 acres	0.1132%	
(e.4) Caroline Jones (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/20/85 (DB 311-821). See (e.8) below.</i>		
(e.5) Debbie Cole Rife (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/23/85 (DB 311-823). See (e.8) below.</i>		
(e.6) Leon Lonnie Cole (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 11/01/85 (DB 316-276). See (e.8) below.</i>		
(e.7) Jennings Hobart Cole (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated ___/___/85 (DB 316-278). See (e.8) below.</i>		
(e.8) Claude V. Keen and Caroline Keen	<i>Claude V. Keen D.O.D. 5/14/2012</i>		
(e.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.362 acres 2/27 of 4.89 acres	0.4528%	
(f) Graham Cole (1/9) <i>Interest conveyed to Gailie F. Cole by deed dated 2/7/64 (DB 159-586)</i>			
(g) Gailie Cole Heirs, Devisees, Successors or Assigns (2/9) <i>Interest inherited from Caroline Cole Gregory (1/9) plus interest conveyed from Graham Cole (1/9), see (f) above.</i>			
(g.1) Alta M. Cole Heirs, Devisees, Successors or Assigns (2/9)			
(g.1.1) Harold G. Cole Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Doris Jean Cole Heirs, Devisees, Successors, or Assigns			
<i>By deed dated 5/23/16 and at Instr# 16-1053. The Estate of Doris Jean Cole purported to convey to Appalachian Energy Inc. all of its interest in minerals in the 164 5/9 acre tract. The conveyance may have failed to convey the interest as Kimberly Willis failed to qualify as executor.</i>			
(g.1.1.1.a) Kimberly Willis 1011 Nature Wood Circle Kent, OH 44240			
(g.1.1.1.b) Appalachian Energy, Inc 230 Charwood Drive Abingdon, VA 24210	0.362 acres 2/27 of 4.89 acres	0.4528%	
(g.1.2) Donald Theodore Cole Heirs, Devisees, Successors or Assigns (2/27)			

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(g.1.2.a) Donald Stephen Cole 11 Woodcreek Drive Blue Ash, OH 45241	0.181 acres 1/27 of 4.89 acres	0.2264%	
(g.1.2.b) Kenneth Edward Cole 12043 Windemere Crossing Circle Winter Garden, FL 34787-5522	0.181 acres 1/27 of 4.89 acres	0.2264%	
(g.1.3) Charles F. Cole Heirs, Devisees, Successors or Assigns			
(g.1.3.1) Norma Cole Dotson Heirs, Devisees Successors, or Assigns			
(g.1.3.1.1) Sherry Cole	Sherry Cole assigned 1/2 of her interest to Anthony Looney 6/25/2019, Instrument# 19-0875		
(g.1.3.1.1.1) Sherry Cole 872 Wolf Creek Trail, Apt. 5 Abingdon, VA 24210	0.181 acres 1/27 of 4.89 acres	0.2264%	
(g.1.3.1.1.2) Anthony Looney 128 Hampshire Drive Mooresville, NC 28115	0.181 acres 1/27 of 4.89 acres	0.2264%	
(h) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.543 acres 1/8 of 4.89 acres	0.6792%	
(i) Nannie Gamett Cole Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.1) Hassell McArthur Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/21/81 (DB 283-471) - see (i.4) below.		
(i.2) Graham Millard Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/26/81 (DB 283-863) - see (i.4) below.		
(i.3) Josh Wilson Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 11/09/81 (DB 284-113) - see (i.4) below.		
(i.4) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.181 acres 1/27 of 4.89 acres	0.2264%	
(i.5) Thelma Geraldine Murray (1/81)	Interest conveyed to Mark Sizemore by quitclaim deed dated 2/5/85 (DB 309-270)		
(i.5.1) Mark Sizemore, etux. & Thelma Murray	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-722) - see (i.8) below		
(i.6) Lois Nicholson (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-725) - see (i.8) below		
(i.7) Betty Trislan (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-726) - see (i.8) below		
(i.8) Claude V. Keen and Caroline Cole Keen	Claude V. Keen D.O.D. 5/14/2012		
(i.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.181 acres 1/27 of 4.89 acres	0.2264%	
(i.9) Thurman Gerald Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.9.1) Bruce Michael Cooper Heirs, Devisees, Successors or Assigns			
(i.9.1.1) Teena Cooper P.O. Box 131 North Tazewell, VA 24630	0.010 acres 1/486 of 4.89 acres	0.0126%	
(i.9.2) Rita Gail Cooper 970 Hillman Highway NE, Lot 13 Abingdon, VA 24210	0.010 acres 1/486 of 4.89 acres	0.0126%	
(i.9.3) Thelma Cooper Mullins 1019 E Second St, Apt. 1 Richlands, VA 24641	0.010 acres 1/486 of 4.89 acres	0.0126%	
(i.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.010 acres 1/486 of 4.89 acres	0.0126%	
(i.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.010 acres 1/486 of 4.89 acres	0.0126%	
(i.9.6) Terry Allen Cooper 17216 Iam Lane, Lot #10 Abingdon, VA 24210	0.010 acres 1/486 of 4.89 acres	0.0126%	
(i.10) Billy Victor Cooper (1/81)	Pre-deceased Gamett Cole Cooper (mother)		
(i.10.1) Karen Cooper Rowe P.O. Box 781 Hanover, WV 24839	0.030 acres 1/162 of 4.89 acres	0.0377%	

Exhibit B
Unit B37
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(i.10.2) Sharon Cooper Daniels P.O. Box 1322 Shady Spring, WV 25018-1322	0.030 acres 1/162 of 4.89 acres	0.0377%	
(i.11) Gary L. Cooper (1/81)	<i>Pre-deceased Garnett Cole Cooper (mother)</i>		
(i.11.1) Melanie D. Cooper 1997 Rockhouse Road Paw Paw, KY 41553	0.020 acres 1/243 of 4.89 acres	0.0252%	
(i.11.2) Corey S. Cooper 4455 Old Lesters Fork Road Grundy, VA 24614	0.020 acres 1/243 of 4.89 acres	0.0252%	
(i.11.3) Byron D. Cooper P.O. Box 252 Vansant, VA 24656	0.020 acres 1/243 of 4.89 acres	0.0252%	
(2) Revelation Energy, Inc. (<i>Jawbone Seam of Coal only</i>) PO Box 743 Doran, VA 24612	4.3467 acres 8/9 of 4.89 acres	5.4333%	
Tract #7 - 0.32 Acres			
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	0.32 acres	0.4000%	
Tract #8 - 0.02 Acres			
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	0.02 acres	0.0250%	
Tract #9 - 3.17 Acres			
Caroline Cole Keen, et al. (<i>Caroline Cole Gregory Heirs, Devisees, Successors or Assigns</i>) (164.56 Acre Tract)	3.17 acres	3.9625%	
(1) Caroline Cole Gregory Heirs, Devisees, Successors or Assigns			
(a) Hassel Cole (1/8)	<i>Interest conveyed to Thelma Parks by creditor's suit dated 5/2/64 (DB 161-326)</i>		
(a.1) Thelma Parks	<i>Interest conveyed to Edith Street and Marion Combs by deed dated 5/7/64 (DB 161-366)</i>		
(a.1.1) Edith G. Street *** P.O. Box 459 Abingdon, VA 24212	0.176 acres 1/18 of 3.17 acres	0.2281%	
(a.1.2) Marion S. Combs Heirs, Devisees, Successors or Assigns (1/18) ***			
(a.1.2.1) Martha E. Combs Trust PO Box 1404 Abingdon, VA 24121	0.059 acres 1/54 of 3.17 acres	0.0734%	
(a.1.2.2) Frederick H. Combs II Heirs, Devisees, Successors or Assigns			
(a.1.2.2.a) Fred H. Combs II Testamentary Trust c/o Trustee P.O. Box 841 Tazewell, VA 24651	0.059 acres 1/54 of 3.17 acres	0.0734%	
(a.1.2.3) Carol Irvin	<i>Conveyed 1/54 Interest to CIPL, LP (Instrument 1200026521)</i>		
(a.1.2.3.1) CIPL, LP 4710 Hunterwood Circle Richmond, TX 77406	0.059 acres 1/54 of 3.17 acres	0.0734%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(a.2) Buchanan Mining Company LLC - <i>P3 Seam Only</i> PO Drawer L Oakwood, VA 24631	0.3522 acres 1/9 of 3.17 acres	0.4403%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(b) Kermit Cole Heirs, Devisees, Successors or Assigns (1/9)			
(b.1) Mona Cole, widow - <i>Deceased</i>	<i>Dower Interest of a 1/3 Life Estate</i>		
(b.2) Nancy J. Cole <i>See (a.3.1.a) below</i> P.O. Box 2075 Beckley, WV 25802	0.352 acres 1/9 of 3.17 acres	0.4403%	
(b.3) Shirley Cole Fuqua Heirs, Devisees, Successors or Assigns (1/18)	<i>No issue and her husband is deceased. Shirley Fuqua pre-deceased Mona Cole, her mother.</i>		

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(b.3.1) Mona Cole Heirs, Devisees, Successors or Assigns			
(b.3.1.a) Nancy J. Cole (1/18)	The 1/18th interest is combined with (b.2) above.		
(c) Trula Burruss Heirs, Devisees, Successors or Assigns (1/9)			
(c.1) James W. Burruss 22638 Aven Lane Abingdon, VA 24211	0.176 acres 1/18 of 3.17 acres	0.2201%	
(c.2) Margaret M. Davis P.O. Box 10 Richlands, VA 24641	0.176 acres 1/18 of 3.17 acres	0.2201%	
(d) Leonard P. Cole (1/9) <i>Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 6/14/72 (DB 207-254)</i>			
(d.1) B. W. McDonald Heirs, Devisees, Successors or Assigns			
(d.1.1) B.W. McDonald Testamentary Trust PO Box 899 Prestonsburg, KY 41653	0.106 acres 1/30 of 3.17 acres	0.1321%	
(d.2) Lena McDonald Heirs, Devisees, Successors or Assigns			
(d.2.1) Byrd W. McDonald, II 10456 NW 2nd Ave. Portland, OR 97231	0.049 acres 7/450 of 3.17 acres	0.0616%	
(d.2.2) Timothy J. McDonald 980 Cresswood Drive Prestonsburg, KY 41653	0.049 acres 7/450 of 3.17 acres	0.0616%	
(d.2.3) Pamela M. Pelphray 10809 Meeting Street Prospect, KY 40059	0.049 acres 7/450 of 3.17 acres	0.0616%	
(d.2.4) Gregory B. McDonald 2220 Nicholasville Rd, Ste 250 Lexington, KY 40503	0.049 acres 7/450 of 3.17 acres	0.0616%	
(d.2.5) Greta McDonald Meek 177 Colvin Branch Oil Springs, KY 41238	0.049 acres 7/450 of 3.17 acres	0.0616%	
(e) Sherman Cole Heirs, Devisees, Successors or Assigns (1/9)			
(e.1) Virgie Cole, widow - Deceased	<i>Dower Interest of a 1/3 Life Estate</i>		
(e.2) Larry Dean Cole 16927 Dismal River Rd Whiteswood, VA 24657	0.059 acres 1/54 of 3.17 acres	0.0734%	
(e.3) Mary F. Harris 4823 Basswood Drive Columbus, GA 31904	0.059 acres 1/54 of 3.17 acres	0.0734%	
(e.4) Caroline Jones (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/20/85 (DB 311-521). See (e.8) below.</i>		
(e.5) Debbie Cole Rife (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/23/85 (DB 311-823). See (e.8) below.</i>		
(e.6) Leon Lonnie Cole (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 11/01/85 (DB 316-276). See (e.8) below.</i>		
(e.7) Jennings Hobart Cole (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated __/__/85 (DB 316-276). See (e.8) below.</i>		
(e.8) Claude V. Keen and Caroline Keen	<i>Claude V. Keen D.O.D. 5/14/2012</i>		
(e.8.1) Caroline Cole Keen P.O. Box 233 Whiteswood, VA 24657	0.235 acres 2/27 of 3.17 acres	0.2935%	
(f) Graham Cole (1/9) <i>Interest conveyed to Galle F. Cole by deed dated 2/7/64 (DB 159-586)</i>			
(g) Galle Cole Heirs, Devisees, Successors or Assigns (2/9) <i>Interest inherited from Caroline Cole Gregory (1/9) plus interest conveyed from Graham Cole (1/9), see (f) above.</i>			
(g.1) Alta M. Cole Heirs, Devisees, Successors or Assigns (2/9)			
(g.1.1) Harold G. Cole Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Doris Jean Cole Heirs, Devisees, Successors, or Assigns <i>By deed dated 5/23/16 and at Instr# 16-1053, The Estate of Doris Jean Cole purported to convey to Appalachian Energy Inc. all of its interest in minerals in the 164 5/9 acre tract. The conveyance may have failed to convey the interest as Kimberly Willis failed to qualify as executor.</i>			
(g.1.1.1.a) Kimberly Willis 1011 Nature Wood Circle Kent, OH 44240			
(g.1.1.1.b) Appalachian Energy, Inc 230 Charwood Drive Abingdon, VA 24210	0.235 acres 2/27 of 3.17 acres	0.2935%	
(g.1.2) Donald Theodore Cole Heirs, Devisees, Successors or Assigns (2/27)			

Exhibit B
Unit B37
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List of all Owners/Claimants
CNX / AE (JOA Area)

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(g.1.2.a) Donald Stephen Cole 11 Woodcreek Drive Blue Ash, OH 45241	0.117 acres 1/27 of 3.17 acres	0.1468%	
(g.1.2.b) Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	0.117 acres 1/27 of 3.17 acres	0.1468%	
(g.1.3) Charles F. Cole Heirs, Devisees, Successors or Assigns			
(g.1.3.1) Norma Cole Dotson Heirs, Devisees, Successors, or Assigns			
(g.1.3.1.1) Sherry Cole	Sherry Cole assigned 1/2 of her interest to Anthony Looney 6/25/2019, Instrument# 19-0875		
(g.1.3.1.1.1) Sherry Cole 872 Wolf Creek Trail, Apt. 5 Abingdon, VA 24210	0.117 acres 1/27 of 3.17 acres	0.1468%	
(g.1.3.1.1.2) Anthony Looney 128 Hampshire Drive Mooresville, NC 28115	0.117 acres 1/27 of 3.17 acres	0.1468%	
(h) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.352 acres 1/9 of 3.17 acres	0.4403%	
(i) Nannie Garnett Cole Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.1) Hassell McArthur Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/21/81 (DB 283-471) - see (i.4) below.		
(i.2) Graham Millard Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/26/81 (DB 283-863) - see (i.4) below.		
(i.3) Josh Wilson Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 11/09/81 (DB 284-113) - see (i.4) below.		
(i.4) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.117 acres 1/27 of 3.17 acres	0.1468%	
(i.5) Thelma Geraldine Murray (1/81)	Interest conveyed to Mark Sizemore by quitclaim deed dated 2/6/85 (DB 309-270)		
(i.5.1) Mark Sizemore, etux. & Thelma Murray	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-722) - see (i.8) below		
(i.6) Lois Nicholson (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-725) - see (i.8) below		
(i.7) Betty Tristan (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-728) - see (i.8) below		
(i.8) Claude V. Keen and Caroline Cole Keen	Claude V. Keen D.O.D. 5/14/2012		
(i.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.117 acres 1/27 of 3.17 acres	0.1468%	
(i.9) Thurman Gerald Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.9.1) Bruce Michael Cooper Heirs, Devisees, Successors or Assigns			
(i.9.1.1) Teena Cooper P.O. Box 131 North Tazewell, VA 24630	0.007 acres 1/486 of 3.17 acres	0.0082%	
(i.9.2) Rita Gail Cooper 970 Hillman Highway NE, Lot 13 Abingdon, VA 24210	0.007 acres 1/486 of 3.17 acres	0.0082%	
(i.9.3) Thelma Cooper Mullins 1019 E Second St, Apt. 1 Richlands, VA 24641	0.007 acres 1/486 of 3.17 acres	0.0082%	
(i.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.007 acres 1/486 of 3.17 acres	0.0082%	
(i.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.007 acres 1/486 of 3.17 acres	0.0082%	
(i.9.6) Terry Allen Cooper 17216 Ian Lane, Lot #10 Abingdon, VA 24210	0.007 acres 1/486 of 3.17 acres	0.0082%	
(i.10) Billy Victor Cooper (1/81)	Pre-deceased Garnett Cole Cooper (mother)		
(i.10.1) Karen Cooper Rowe P.O. Box 781 Hanover, WV 24839	0.020 acres 1/162 of 3.17 acres	0.0245%	
(i.10.2) Sharon Cooper Daniels P.O. Box 1322 Shady Spring, WV 25018-1322	0.020 acres 1/162 of 3.17 acres	0.0245%	

Exhibit B
Unit B37
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

210000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(I.11) Gary L. Cooper (1/81)	<i>Pre-deceased Gamelt Cole Cooper (mother)</i>		
(I.11.1) Melanie D. Cooper 1907 Rockhouse Road Paw Paw, KY 41553	0.013 acres 1/243 of 3.17 acres	0.0163%	
(I.11.2) Corey S. Cooper 4455 Old Leesters Fork Road Grundy, VA 24614	0.013 acres 1/243 of 3.17 acres	0.0163%	
(I.11.3) Byron D. Cooper P.O. Box 252 Vanceant, VA 24656	0.013 acres 1/243 of 3.17 acres	0.0163%	
(2) Revelation Energy, Inc. (<i>Jawbone Seam of Coal only</i>) PO Box 743 Doran, VA 24612	2.8178 acres 8/9 of 3.17 acres	3.5222%	
Tract #10 - 0.46 Acres			
<i>All coal except coal below 800 feet</i>			
(1) Norfolk Southern Railway Company Real Estate Dept. - Attn: Ann Powell 1200 Peachtree Road; Box 165 Atlanta, GA 30309	0.46 acres	0.5750%	
<i>All coal below 800 feet</i>			
Caroline Cole Keen, et al. (<i>Caroline Cole Gregory Heirs, Devises, Successors or Assigns</i>) (184.56 Acre Tract)	0.46 acres	0.5750%	
(1) Caroline Cole Gregory Heirs, Devises, Successors or Assigns			
(a) Hassel Cole (1/9)	<i>Interest conveyed to Thelma Parks by creditor's suit dated 5/2/64 (DB 161-326)</i>		
(a.1) Thelma Parks	<i>Interest conveyed to Edith Street and Marion Combs by deed dated 5/7/64 (DB 161-366)</i>		
(a.1.1) Edith G. Street *** P.O. Box 459 Abingdon, VA 24212	0.026 acres 1/18 of 0.46 acres	0.0319%	
(a.1.2) Marion S. Combs Heirs, Devises, Successors or Assigns (1/18) ***			
(a.1.2.1) Martha E. Combs Trust PO Box 1404 Abingdon, VA 24212	0.009 acres 1/54 of 0.46 acres	0.0106%	
(a.1.2.2) Frederick H. Combs II Heirs, Devises, Successors or Assigns			
(a.1.2.2.a) Fred H. Combs II Testamentary Trust c/o Trustee P.O. Box 841 Tazewell, VA 24651	0.009 acres 1/54 of 0.46 acres	0.0106%	
(a.1.2.3) Carol Irvin	<i>Conveyed 1/54 Interest to CIPL, LP (Instrument 1200026521)</i>		
(a.1.2.3.1) CIPL, LP 4710 Hunterwood Circle Richmond, TX 77406	0.009 acres 1/54 of 0.46 acres	0.0106%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CRM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(a.2) Buchanan Mining Company LLC - <i>P3 Seam Only</i> PO Drawer L Oakwood, VA 24631	0.0511 acres 1/9 of 0.46 acres	0.0639%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CRM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(b) Kermit Cole Heirs, Devises, Successors or Assigns (1/9)			
(b.1) Mona Cole, widow - Deceased	<i>Dower Interest of a 1/3 Life Estate</i>		

**Exhibit B
Unit B37
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)**

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(b.2) Nancy J. Cole <i>See (b.3.1.a) below</i> P. O. Box 2075 Beckley, WV 25802	0.051 acres 1/9 of 0.46 acres	0.0639%	
(b.3) Shirley Cole Fuqua Heirs, Devisees, Successors or Assigns (1/18) <i>No issue and her husband is deceased. Shirley Fuqua pre-deceased Mona Cole, her mother.</i>			
(b.3.1) Mona Cole Heirs, Devisees, Successors or Assigns			
(b.3.1.a) Nancy J. Cole (1/18) <i>The 1/18th interest is combined with (b.2.) above.</i>			
(c) Trula Burress Heirs, Devisees, Successors or Assigns (1/9)			
(c.1) James W. Burress 22838 Aven Lane Abingdon, VA 24211	0.026 acres 1/18 of 0.46 acres	0.0319%	
(c.2) Margaret M. Davis P.O. Box 10 Richlands, VA 24841	0.026 acres 1/18 of 0.46 acres	0.0319%	
(d) Leonard P. Cole (1/9) <i>Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 6/14/72 (DB 207-254)</i>			
(d.1) B. W. McDonald Heirs, Devisees, Successors or Assigns			
(d.1.1) B.W. McDonald Testamentary Trust PO Box 999 Prestonsburg, KY 41653	0.015 acres 1/30 of 0.46 acres	0.0192%	
(d.2) Lena McDonald Heirs, Devisees, Successors or Assigns			
(d.2.1) Byrd W. McDonald, II 10456 NW 2nd Ave. Portland, OR 97231	0.007 acres 7/450 of 0.46 acres	0.0089%	
(d.2.2) Timothy J. McDonald 980 Crosswood Drive Prestonsburg, KY 41653	0.007 acres 7/450 of 0.46 acres	0.0089%	
(d.2.3) Tamala M. Peiphray 10809 Meeting Street Prospect, KY 40059	0.007 acres 7/450 of 0.46 acres	0.0089%	
(d.2.4) Gregory B. McDonald 2220 Nicholasville Rd, Ste 250 Lexington, KY 40503	0.007 acres 7/450 of 0.46 acres	0.0089%	
(d.2.5) Greta McDonald Meek 177 Colvin Branch Oil Springs, KY 41236	0.007 acres 7/450 of 0.46 acres	0.0089%	
(e) Sherman Cole Heirs, Devisees, Successors or Assigns (1/9)			
(e.1) Virgie Cole, widow - Deceased <i>Dower Interest of a 1/3 Life Estate</i>			
(e.2) Larry Dean Cole 16927 Dismal River Rd Whitewood, VA 24857	0.009 acres 1/54 of 0.46 acres	0.0106%	
(e.3) Mary F. Harris 4823 Basswood Drive Columbus, GA 31904	0.009 acres 1/54 of 0.46 acres	0.0106%	
(e.4) Caroline Jones (1/54) <i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/20/85 (DB 311-621). See (e.8) below.</i>			
(e.5) Debbie Cole Rife (1/54) <i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/23/85 (DB 311-623). See (e.8) below.</i>			
(e.6) Leon Lonnie Cole (1/54) <i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 11/01/85 (DB 316-276). See (e.8) below.</i>			
(e.7) Jennings Hobart Cole (1/54) <i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated __/__/85 (DB 316-278). See (e.8) below.</i>			
(e.8) Claude V. Keen and Caroline Keen <i>Claude V. Keen D.O.D. 5/14/2012</i>			
(e.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.034 acres 2/27 of 0.46 acres	0.0426%	
(f) Graham Cole (1/9) <i>Interest conveyed to Gaille F. Cole by deed dated 2/7/64 (DB 159-586)</i>			
(g) Gaille Cole Heirs, Devisees, Successors or Assigns (2/9) <i>Interest inherited from Caroline Cole Gregory (1/9); plus interest conveyed from Graham Cole (1/9), see (f) above.</i>			
(g.1) Alta M. Cole Heirs, Devisees, Successors or Assigns (2/9)			
(g.1.1) Harold G. Cole Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Doris Jean Cole Heirs, Devisees, Successors, or Assigns <i>By deed dated 5/23/16 and at Inat# 18-1053, The Estate of Doris Jean Cole purported to convey to Appalachian Energy Inc. all of its interest in minerals in the 164 5/9 acre tract. The conveyance may have failed to convey the interest as Kimberly Willis failed to qualify as executor.</i>			

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

210000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(g.1.1.1.a) Kimberly Willis 1011 Nature Wood Circle Kent, OH 44240			
(g.1.1.1.b) Appalachian Energy, Inc. 230 Charwood Drive Abingdon, VA 24210	0.034 acres 2/27 of 0.46 acres	0.0426%	
(g.1.2) Donald Theodore Cole Heirs, Devisees, Successors or Assigns (2/27)			
(g.1.2.a) Donald Stephen Cole 11 Woodcreek Drive Blue Ash, OH 45241	0.017 acres 1/27 of 0.46 acres	0.0213%	
(g.1.2.b) Kenneth Edward Cole 12043 Windemere Crossing Circle Winter Garden, FL 34787-5522	0.017 acres 1/27 of 0.46 acres	0.0213%	
(g.1.3) Charles F. Cole Heirs, Devisees, Successors or Assigns			
(g.1.3.1) Norma Cole Dotson Heirs, Devisees, Successors, or Assigns			
(g.1.3.1.1) Sherry Cole	Sherry Cole assigned 1/2 of her interest to Anthony Looney 6/25/2019, instrument# 19-0875		
(g.1.3.1.1.1) Sherry Cole 872 Wolf Creek Trail, Apt. 5 Abingdon, VA 24210	0.017 acres 1/27 of 0.46 acres	0.0213%	
(g.1.3.1.1.2) Anthony Looney 128 Hampshire Drive Mooresville, NC 28115	0.017 acres 1/27 of 0.46 acres	0.0213%	
(h) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.051 acres 1/8 of 0.46 acres	0.0639%	
(i) Nannie Garnett Cole Cooper Heirs, Devisees, Successors or Assigns (1/9)			
(i.1) Hessel McArthur Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/21/81 (DB 283-471) - see (i.4) below.		
(i.2) Graham Millard Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/26/81 (DB 283-863) - see (i.4) below.		
(i.3) Josh Wilson Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 11/09/81 (DB 284-113) - see (i.4) below.		
(i.4) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.017 acres 1/27 of 0.46 acres	0.0213%	
(i.5) Thelma Geraldine Murray (1/81)	Interest conveyed to Mark Sizemore by quitclaim deed dated 2/8/85 (DB 309-270)		
(i.5.1) Mark Sizemore, et ux. & Thelma Murray	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-722) - see (i.8) below		
(i.6) Lois Nicholson (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-725) - see (i.8) below		
(i.7) Betty Tristan (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-728) - see (i.8) below		
(i.8) Claude V. Keen and Caroline Cole Keen	Claude V. Keen D.O.D. 5/14/2012		
(i.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.017 acres 1/27 of 0.46 acres	0.0213%	
(i.9) Thurman Gerald Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.9.1) Bruce Michael Cooper Heirs, Devisees, Successors or Assigns			
(i.9.1.1) Teens Cooper P.O. Box 131 North Tazewell, VA 24630	0.001 acres 1/486 of 0.46 acres	0.0012%	
(i.9.2) Rita Gail Cooper 970 Hillmen Highway NE, Lot 13 Abingdon, VA 24210	0.001 acres 1/486 of 0.46 acres	0.0012%	
(i.9.3) Thelma Cooper Mullins 1019 E Second St, Apt. 1 Richlands, VA 24641	0.001 acres 1/486 of 0.46 acres	0.0012%	
(i.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.001 acres 1/486 of 0.46 acres	0.0012%	
(i.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.001 acres 1/486 of 0.46 acres	0.0012%	

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	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(I.9.8) Terry Allen Cooper 17218 Ian Lane, Lot #10 Abingdon, VA 24210	0.001 acres 1/466 of 0.46 acres	0.0012%	
(I.10) Billy Victor Cooper (1/81)	<i>Pre-deceased Garnett Cole Cooper (mother)</i>		
(I.10.1) Karen Cooper Rowe P.O. Box 781 Hanover, WV 24839	0.003 acres 1/162 of 0.46 acres	0.0035%	
(I.10.2) Sharon Cooper Daniels P.O. Box 1322 Shady Spring, WV 25018-1322	0.003 acres 1/162 of 0.46 acres	0.0035%	
(I.11) Gary L. Cooper (1/81)	<i>Pre-deceased Garnett Cole Cooper (mother)</i>		
(I.11.1) Melanie D. Cooper 1987 Rockhouse Road Paw Paw, KY 41553	0.000 acres 1/243 of 0.46 acres	0.0000%	
(I.11.2) Corey S. Cooper 4455 Old Lesters Fork Road Grundy, VA 24614	0.002 acres 1/243 of 0.46 acres	0.0024%	
(I.11.3) Byron D. Cooper P.O. Box 252 Vansant, VA 24656	0.002 acres 1/243 of 0.46 acres	0.0024%	
(2) Revelation Energy, Inc. (<i>Jawbone Seam of Coal only</i>) PO Box 743 Doran, VA 24612	0.4089 acres 8/9 of 0.46 acres	0.5111%	
Tract #11 - 0.14 Acres			
<i>All coal except coal below 800 feet</i>			
(1) Norfolk Southern Railway Company Real Estate Dept. - Attn: Ann Powell 1200 Peachtree Road; Box 165 Atlanta, GA 30309	0.14 acres	0.1750%	
<i>All coal below 800 feet</i>			
Caroline Cole Keen, et al. (<i>Caroline Cole Gregory Heirs, Devises, Successors or Assigns</i>) (184.58 Acre Tract)	0.14 acres	0.1750%	
(1) Caroline Cole Gregory Heirs, Devises, Successors or Assigns			
(a) Hessel Cole (1/9)	<i>Interest conveyed to Thelma Parks by creditor's suit dated 5/2/64 (DB 161-326)</i>		
(a.1) Thelma Parks	<i>Interest conveyed to Edith Street and Marion Combs by deed dated 5/7/64 (DB 181-366)</i>		
(a.1.1) Edith G. Street *** P.O. Box 458 Abingdon, VA 24212	0.008 acres 1/18 of 0.14 acres	0.0097%	
(a.1.2) Marion S. Combs Heirs, Devises, Successors or Assigns (1/18) ***			
(a.1.2.1) Martha E. Combs Trust PO Box 1404 Abingdon, VA 24211	0.003 acres 1/54 of 0.14 acres	0.0032%	
(a.1.2.2) Frederick H. Combs II Heirs, Devises, Successors or Assigns			
(a.1.2.2.a) Fred H. Combs II Testamentary Trust c/o Trustee P.O. Box 641 Tazewell, VA 24651	0.003 acres 1/54 of 0.14 acres	0.0032%	
(a.1.2.3) Carol Irvin	<i>Conveyed 1/54 interest to CIPL, LP (Instrument 1200026521)</i>		
(a.1.2.3.1) CIPL, LP 4710 Hunterwood Circle Richmond, TX 77406	0.003 acres 1/54 of 0.14 acres	0.0032%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(a.2) Buchanan Mining Company LLC - <i>P3 Seam Only</i> PO Drawer L Oakwood, VA 24631	0.0156 acres 1/9 of 0.14 acres	0.0194%	
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(b) Kermit Cole Heirs, Devises, Successors or Assigns (1/9)			
(b.1) Mona Cole, widow - <i>Deceased</i>	<i>Dower Interest of a 1/3 Life Estate</i>		

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

210000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(b.2) Nancy J. Cole <i>See (b.3.1.a) below</i> P. O. Box 2075 Beckley, WV 25802	0.016 acres 1/9 of 0.14 acres	0.0194%	
(b.3) Shirley Cole Fuqua Heirs, Devisees, Successors or Assigns (1/18) <i>No issue and her husband is deceased. Shirley Fuqua pre-deceased Mona Cole, her mother.</i>			
(b.3.1) Mona Cole Heirs, Devisees, Successors or Assigns			
(b.3.1.a) Nancy J. Cole (1/18) <i>The 1/18th interest is combined with (b.2) above.</i>			
(c) Trula Burrese Heirs, Devisees, Successors or Assigns (1/9)			
(c.1) James W. Burrese 22638 Aven Lane Abingdon, VA 24211	0.008 acres 1/18 of 0.14 acres	0.0097%	
(c.2) Margaret M. Davis P.O. Box 10 Richlands, VA 24641	0.008 acres 1/18 of 0.14 acres	0.0097%	
(d) Leonard P. Cole (1/9) <i>Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 6/14/72 (DB 207-254)</i>			
(d.1) B. W. McDonald Heirs, Devisees, Successors or Assigns			
(d.1.1) B.W. McDonald Testamentary Trust PO Box 999 Prestonsburg, KY 41653	0.005 acres 1/30 of 0.14 acres	0.0058%	
(d.2) Lena McDonald Heirs, Devisees, Successors or Assigns			
(d.2.1) Byrd W. McDonald, II 10456 NW 2nd Ave. Portland, OR 97231	0.002 acres 7/450 of 0.14 acres	0.0027%	
(d.2.2) Timothy J. McDonald 980 Cresswood Drive Prestonsburg, KY 41653	0.002 acres 7/450 of 0.14 acres	0.0027%	
(d.2.3) Tamala M. Peiphrey 10809 Meeting Street Prospect, KY 40059	0.002 acres 7/450 of 0.14 acres	0.0027%	
(d.2.4) Gregory S. McDonald 2220 Nicholasville Rd, Ste 250 Lexington, KY 40503	0.002 acres 7/450 of 0.14 acres	0.0027%	
(d.2.5) Greta McDonald Meek 177 Colvin Branch Oil Springs, KY 41238	0.002 acres 7/450 of 0.14 acres	0.0027%	
(e) Sherman Cole Heirs, Devisees, Successors or Assigns (1/9)			
(e.1) Virgie Cole, widow - <i>Deceased</i> <i>Dower Interest of a 1/3 Life Estate</i>			
(e.2) Larry Dean Cole 16927 Diamal River Rd Whitewood, VA 24657	0.003 acres 1/54 of 0.14 acres	0.0032%	
(e.3) Mary F. Harris 4823 Basswood Drive Columbus, GA 31904	0.003 acres 1/54 of 0.14 acres	0.0032%	
(e.4) Caroline Jones (1/54) <i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/20/85 (DB 311-621). See (e.8) below.</i>			
(e.5) Debbie Cole Rife (1/54) <i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/23/85 (DB 311-623). See (e.8) below.</i>			
(e.6) Leon Lonnie Cole (1/54) <i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 11/01/85 (DB 316-276). See (e.8) below.</i>			
(e.7) Jennings Hobart Cole (1/54) <i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated ___/___/85 (DB 316-278). See (e.8) below.</i>			
(e.8) Claude V. Keen and Caroline Keen <i>Claude V. Keen D.O.B. 5/14/2012</i>			
(e.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.010 acres 2/27 of 0.14 acres	0.0130%	
(f) Graham Cole (1/9) <i>Interest conveyed to Gaille F. Cole by deed dated 2/7/64 (DB 159-586)</i>			
(g) Gaille Cole Heirs, Devisees, Successors or Assigns (2/9) <i>Interest inherited from Caroline Cole Gregory (1/9) plus interest conveyed from Graham Cole (1/9), see (f) above.</i>			
(g.1) Alta M. Cole Heirs, Devisees, Successors or Assigns (2/9)			
(g.1.1) Harold G. Cole Heirs, Devisees, Successors or Assigns			

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Unit 137
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List of all Owners/Claimants
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	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(g.1.1.1) Doris Jean Cole Heirs, Devisees, Successors, or Assigns			
<i>By deed dated 5/23/16 and at Instr# 16-1053. The Estate of Doris Jean Cole purported to convey to Appalachian Energy Inc. all of its interest in minerals in the 164 5/9 acre tract. The conveyance may have failed to convey the interest as Kimberly Willis failed to qualify as executor.</i>			
(g.1.1.1.a) Kimberly Willis 1011 Nature Wood Circle Kent, OH 44240			
(g.1.1.1.b) Appalachian Energy, Inc 230 Charwood Drive Abingdon, VA 24210	0.010 acres 2/27 of 0.14 acres	0.0130%	
(g.1.2) Donald Theodore Cole Heirs, Devisees, Successors or Assigns (2/27)			
(g.1.2.a) Donald Stephen Cole 11 Woodcreek Drive Blue Ash, OH 45241	0.005 acres 1/27 of 0.14 acres	0.0065%	
(g.1.2.b) Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	0.005 acres 1/27 of 0.14 acres	0.0065%	
(g.1.3) Charles F. Cole Heirs, Devisees, Successors or Assigns			
(g.1.3.1) Norma Cole Dotson Heirs, Devisees Successors, or Assigns			
(g.1.3.1.1) Sherry Cole	<i>Sherry Cole assigned 1/2 of her interest to Anthony Looney 5/25/2019, Instrument# 19-0875</i>		
(g.1.3.1.1.1) Sherry Cole 872 Wolf Creek Trail, Apt. 5 Abingdon, VA 24210	0.005 acres 1/27 of 0.14 acres	0.0065%	
(g.1.3.1.1.2) Anthony Looney 128 Hampshire Drive Mooresville, NC 28115	0.005 acres 1/27 of 0.14 acres	0.0065%	
(h) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.016 acres 1/9 of 0.14 acres	0.0194%	
(i) Nannie Gamett Cole Cooper Heirs, Devisees, Successors or Assigns (1/9)			
(i.1) Hassell McArthur Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 10/21/81 (DB 283-471) - see (i.4) below.</i>		
(i.2) Graham Millard Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 10/26/81 (DB 283-863) - see (i.4) below.</i>		
(i.3) Josh Wilson Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 11/09/81 (DB 284-113) - see (i.4) below.</i>		
(i.4) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.005 acres 1/27 of 0.14 acres	0.0065%	
(i.5) Thelma Geraldine Murray (1/81)	<i>Interest conveyed to Mark Sizemore by quitclaim deed dated 2/6/85 (DB 309-270)</i>		
(i.5.1) Mark Sizemore, etux. & Thelma Murray	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-722) - see (i.8) below</i>		
(i.6) Lois Nicholson (1/81)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-725) - see (i.8) below</i>		
(i.7) Betty Trietan (1/81)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-726) - see (i.8) below</i>		
(i.8) Claude V. Keen and Caroline Cole Keen	<i>Claude V. Keen D.O.D. 5/14/2012</i>		
(i.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.005 acres 1/27 of 0.14 acres	0.0065%	
(i.9) Thurman Gerald Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.9.1) Bruce Michael Cooper Heirs, Devisees, Successors or Assigns			
(i.9.1.1) Teena Cooper P.O. Box 131 North Tazewell, VA 24630	0.000 acres 1/486 of 0.14 acres	0.0004%	
(i.9.2) Rita Gail Cooper 970 Hillman Highway NE, Lot 13 Abingdon, VA 24210	0.000 acres 1/486 of 0.14 acres	0.0004%	
(i.9.3) Thelma Cooper Mullins 1019 E Second St, Apt. 1 Richlands, VA 24641	0.000 acres 1/486 of 0.14 acres	0.0004%	
(i.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.000 acres 1/486 of 0.14 acres	0.0004%	

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CNX / AE (JOA Area)**

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(I.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.000 acres 1/486 of 0.14 acres	0.0004%	
(I.9.8) Terry Allen Cooper 17216 Ian Lane, Lot #10 Abingdon, VA 24210	0.000 acres 1/486 of 0.14 acres	0.0004%	
(I.10) Billy Victor Cooper (1/81)	<i>Pre-deceased Gamelt Cole Cooper (mother)</i>		
(I.10.1) Karen Cooper Rowe P.O. Box 781 Hanover, WV 24839	0.001 acres 1/162 of 0.14 acres	0.0011%	
(I.10.2) Sharon Cooper Daniels P.O. Box 1322 Shady Spring, WV 25818-1322	0.001 acres 1/162 of 0.14 acres	0.0011%	
(I.11) Gary L. Cooper (1/81)	<i>Pre-deceased Gamelt Cole Cooper (mother)</i>		
(I.11.1) Melanie D. Cooper 1987 Rockhouse Road Paw Paw, KY 41553	0.001 acres 1/243 of 0.14 acres	0.0007%	
(I.11.2) Corey S. Cooper 4455 Old Lesters Fork Road Grundy, VA 24614	0.001 acres 1/243 of 0.14 acres	0.0007%	
(I.11.3) Byron D. Cooper P.O. Box 252 Vansant, VA 24658	0.001 acres 1/243 of 0.14 acres	0.0007%	
(2) Revelation Energy, Inc. <i>(Jawbone Seam of Coal only)</i> PO Box 743 Doran, VA 24612	0.1244 acres 8/9 of 0.14 acres	0.1556%	

Tract #12 - 1.76 Acres

All coal except coal below 800 feet

(1) Norfolk Southern Railway Company Real Estate Dept. - Attn: Ann Powell 1200 Peachtree Road; Box 165 Atlanta, GA 30309	1.76 acres	2.2000%	
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Coal below 800 feet

(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	1.76 acres	2.2000%	
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II. OIL & GAS OWNERSHIP

Tract #1 - 13.23 Acres

(1) Pocahontas Gas LLC* 1000 Consol Energy Drive Canonsburg, PA 15317	13.23 acres**	16.5375%	0.0466%
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* Purchased from L.R. Cole, et ux. on June 20, 2008, recorded under instrument # 080002295.
Property lease by AEI prior to the purchase.

** NOTE: Retained acres under Appalachian Energy, Inc. lease of Oil & Gas. (Deemed leased by AEI JOA)

Tract #2A1 - 1.55 Acres

(1) Peggy W. Cole 16155 Dismal River Road Whitewood, VA 24657	1.55 acres	1.9375%	0.0055%
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(Deemed leased by AEI JOA)

Tract #2A2 - 39.98 Acres

(1) Peggy W. Cole 16155 Dismal River Road Whitewood, VA 24657	39.98 acres**	49.9750%	0.1407%
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** NOTE: Retained acres under Appalachian Energy, Inc. lease of Oil & Gas. (Deemed leased by AEI JOA)

Tract #3 - 0.01 Acres

(1) Norfolk Southern Railway Company Real Estate Dept. - Attn: Ann Powell 1200 Peachtree Road; Box 165 Atlanta, GA 30309	0.01 acres	0.0125%	0.0000%
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**Exhibit B
Unit B37
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)**

210000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
<u>Tract #4 - 11.71 Acres</u>			
(1) Katherine Cole Estate c/o Reza Cole Dye PO Box 85 Jewel Ridge, VA 24622	11.71 acres**	14.8375%	0.0412%
** NOTE: Retained acres under Appalachian Energy lease of Oil & Gas.			
<u>Tract #9 - 2.76 Acres</u>			
Caroline Cole Keen, et al. (Caroline Cole Gregory Heirs, Devisees, Successors or Assigns) 79.10 Acre Tract	2.76 acres**	3.4500%	0.0097%
(1) Caroline Cole Gregory Heirs, Devisees, Successors or Assigns			
(a) Hassel Cole (1/8)	Interest conveyed to Thelma Parks by creditor's suit dated 5/2/64 (DB 161-328)		
(a.1) Thelma Parks	Interest conveyed to Edith Street and Marion Combs by deed dated 5/7/64 (DB 161-366)		
(a.1.1) Edith G. Street *** P.O. Box 459 Abingdon, VA 24212	0.1533 acres 1/18 of 2.76 acres	0.1917%	0.0005%
(a.1.2) Marion S. Combs Heirs, Devisees, Successors or Assigns (1/18) ***			
(a.1.2.1) Martha E. Combs Trust PO Box 1404 Abingdon, VA 24121	0.0511 acres 1/54 of 2.76 acres	0.0639%	0.0002%
(a.1.2.2) Frederick H. Combs II Heirs, Devisees, Successors or Assigns			
(a.1.2.2.a) Fred H. Combs II Testamentary Trust c/o Trustee P.O. Box 841 Tazewell, VA 24651	0.0511 acres 1/54 of 2.76 acres	0.0639%	0.0002%
(a.1.2.3) Carol Irvin	Conveyed 1/54 interest to CIPL, LP (Instrument 1200026521)		
(a.1.2.3.1) CIPL, LP 4710 Hunterwood Circle Richmond, TX 77406	0.0511 acres 1/54 of 2.76 acres	0.0639%	0.0002%
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#060001170).			
(b) Kermit Cole Heirs, Devisees, Successors or Assigns (1/8)			
(b.1) Mona Cole, widow - Deceased	Dower Interest of a 1/3 Life Estate		
(b.2) Nancy J. Cole See (b.3.1.a) below P. O. Box 2075 Beckley, WV 25802	0.3067 acres 1/9 of 2.76 acres	0.3833%	0.0011%
(b.3) Shirley Cole Fuqua Heirs, Devisees, Successors or Assigns (1/18)	No issue and her husband is deceased. Shirley Fuqua pre-deceased Mona Cole, her mother.		
(b.3.1) Mona Cole Heirs, Devisees, Successors or Assigns			
(b.3.1.a) Nancy J. Cole (1/18)	The 1/18th interest is combined with (b.2) above.		
(c) Trula Burruss Heirs, Devisees, Successors or Assigns (1/8)			
(c.1) James W. Burruss 22638 Aven Lane Abingdon, VA 24211	0.1533 acres 1/18 of 2.76 acres	0.1917%	0.0005%
(c.2) Margaret M. Davis P.O. Box 10 Richlands, VA 24641	0.1533 acres 1/18 of 2.76 acres	0.1917%	0.0005%
(d) Leonard P. Cole (1/8)	Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 6/14/72 (DB 207-254)		
(d.1) B. W. McDonald	Interest in 85 acre tract conveyed to Lena McDonald by deed dated 4/20/85 (DB 321-236)		
(d.2) Lena McDonald Heirs, Devisees, Successors or Assigns			
(d.2.1) Byrd W. McDonald, II 10456 NW 2nd Ave. Portland, OR 97231	0.0613 acres 1/45 of 2.76 acres	0.0767%	0.0002%
(d.2.2) Timothy J. McDonald 980 Cresswood Drive Prestonsburg, KY 41653	0.0613 acres 1/45 of 2.76 acres	0.0767%	0.0002%

Exhibit B
Unit 137
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List of all Owners/Claimants
CNX / AE (JOA Area)

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(d.2.3) Tamale M. Pelphrey 10809 Meeting Street Prospect, KY 40059	0.0613 acres 1/45 of 2.76 acres	0.0767%	0.0002%
(d.2.4) Gregory B. McDonald 2220 Nicholasville Rd, Ste 250 Lexington, KY 40503	0.0613 acres 1/45 of 2.76 acres	0.0767%	0.0002%
(d.2.5) Greta McDonald Meek 177 Colvin Branch Oil Springs, KY 41238	0.0613 acres 1/45 of 2.76 acres	0.0767%	0.0002%
(e) Sherman Cole Heirs, Devisees, Successors or Assigns (1/9)			
(e.1) Virgie Cole, widow - Deceased	Dower Interest of a 1/3 Life Estate		
(e.2) Larry Dean Cole 16927 Dismal River Rd Whitewood, VA 24857	0.0511 acres 1/54 of 2.76 acres	0.0639%	0.0002%
(e.3) Mary F. Harris 4823 Basswood Drive Columbus, GA 31904	0.0511 acres 1/54 of 2.76 acres	0.0639%	0.0002%
(e.4) Caroline Jones (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/20/85 (DB 311-821). See (e.8) below.		
(e.5) Debbie Cole Rife (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/23/85 (DB 311-823). See (e.8) below.		
(e.6) Leon Lonnie Cole (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 11/01/85 (DB 316-276). See (e.8) below.		
(e.7) Jennings Hobart Cole (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated ___/___/85 (DB 316-278). See (e.8) below.		
(e.8) Claude V. Keen and Carolins Keen	Claude V. Keen D.O.D. 5/14/2012		
(e.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.2044 acres 2/27 of 2.76 acres	0.2556%	0.0007%
(f) Graham Cole (1/9)	Interest conveyed to Gattie F. Cole by deed dated 2/7/64 (DB 159-586)		
(g) Gattie Cole Heirs, Devisees, Successors or Assigns (2/9)	Interest inherited from Caroline Cole Gregory (1/9) plus interest conveyed from Graham Cole (1/9), see (f) above.		
(g.1) Alta M. Cole Heirs, Devisees, Successors or Assigns (2/9)			
(g.1.1) Harold G. Cole Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Doris Jean Cole Heirs, Devisees, Successors, or Assigns			
By deed dated 5/23/16 and at Instr# 18-1953, The Estate of Doris Jean Cole purported to convey to Appalachia Energy Inc. all of its interest in minerals in the 85 acre (calc. 79.10 acres) tract. The conveyance may have failed to convey the interest as Kimberly Willis failed to qualify as executor.			
(g.1.1.1.e) Kimberly Willis 1011 Nature Wood Circle Kent, OH 44240			
(g.1.1.1.b) Appalachia Energy, Inc 230 Charwood Drive Abingdon, VA 24210	0.2044 acres 2/27 of 2.76 acres	0.2556%	0.0007%
(g.1.2) Donald Theodore Cole Heirs, Devisees, Successors or Assigns (2/27)			
(g.1.2.a) Donald Stephen Cole 11 Woodcreek Drive Blue Ash, OH 45241	0.1022 acres 1/27 of 2.76 acres	0.1278%	0.0004%
(g.1.2.b) Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	0.1022 acres 1/27 of 2.76 acres	0.1278%	0.0004%
(g.1.3) Charles F. Cole Heirs, Devisees, Successors or Assigns			
(g.1.3.1) Norma Cole Dotson Heirs, Devisees Successors, or Assigns			
(g.1.3.1.1) Sherry Cole			
Sherry Cole assigned 1/2 of her interest to Anthony Looney 5/25/2019, instrument# 19-0875			
(g.1.3.1.1.1) Sherry Cole 872 Wolf Creek Trail, Apt. 5 Abingdon, VA 24210	0.1022 acres 1/27 of 2.76 acres	0.1278%	0.0004%
(g.1.3.1.1.2) Anthony Looney 128 Hampshire Drive Mooresville, NC 28115	0.1022 acres 1/27 of 2.76 acres	0.1278%	0.0004%
(h) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.3067 acres 1/9 of 2.76 acres	0.3833%	0.0011%
(i) Nannie Gamett Cole Cooper Heirs, Devisees, Successors or Assigns (1/9)			
(i.1) Hessel McArthur Cooper (1/81)			
Interest conveyed to Caroline Keen by deed dated 10/21/81 (DB 283-471) - see (i.4) below.			

Exhibit B
Unit B37
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

210000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(I.2) Graham Millard Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/26/81 (DB 283-863) - see (I.4) below.		
(I.3) Josh Wilson Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 11/09/81 (DB 284-113) - see (I.4) below.		
(I.4) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.1022 acres 1/27 of 2.76 acres	0.1278%	0.0004%
(I.5) Thelma Geraldine Murray (1/81)	Interest conveyed to Mark Sizemore by quitclaim deed dated 2/6/85 (DB 309-270)		
(I.5.1) Mark Sizemore, et ux. & Thelma Murray	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-722) - see (I.8) below		
(I.6) Lois Nicholson (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-725) - see (I.8) below		
(I.7) Betty Tristan (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-728) - see (I.8) below		
(I.8) Claude V. Keen and Caroline Cole Keen	Claude V. Keen D.O.D. 5/14/2012		
(I.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.1022 acres 1/27 of 2.76 acres	0.1278%	0.0004%
(I.9) Thurman Gerald Cooper Heirs, devisees, Successors or Assigns (1/81)			
(I.9.1) Bruce Michael Cooper Heirs, devisees, Successors or Assigns			
(I.9.1.1) Teena Cooper P.O. Box 131 North Tazewell, VA 24630	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(I.9.2) Rita Gail Cooper 970 Hillman Highway NE, Lot 13 Abingdon, VA 24210	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(I.9.3) Thelma Cooper Mullins 1019 E Second St, Apt. 1 Richlands, VA 24641	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(I.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(I.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(I.9.6) Terry Allen Cooper 17216 Ian Lane, Lot #10 Abingdon, VA 24210	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(I.10) Billy Victor Cooper (1/81)	Pre-deceased Gamett Cole Cooper (mother)		
(I.10.1) Karen Cooper Rowe P.O. Box 781 Hanover, WV 24838	0.0170 acres 1/162 of 2.76 acres	0.0213%	0.0001%
(I.10.2) Sharon Cooper Daniels P.O. Box 1322 Shady Spring, WV 25918-1322	0.0170 acres 1/162 of 2.76 acres	0.0213%	0.0001%
(I.11) Gary L. Cooper (1/81)	Pre-deceased Gamett Cole Cooper (mother)		
(I.11.1) Melanie D. Cooper 1997 Rockhouse Road Paw Paw, KY 41553	0.0114 acres 1/243 of 2.76 acres	0.0142%	0.0000%
(I.11.2) Corey S. Cooper 4455 Old Lesters Fork Road Grundy, VA 24614	0.0114 acres 1/243 of 2.76 acres	0.0142%	0.0000%
(I.11.3) Byron D. Cooper P.O. Box 252 Vansant, VA 24856	0.0114 acres 1/243 of 2.76 acres	0.0142%	0.0000%

** NOTE: Retained acres under Appalachian Energy lease of Oil & Gas. (Deemed leased by AE/ JOA)

Tract #6 - 4.89 Acres

Caroline Cole Keen, et al
 (Caroline Cole Gregory Heirs, devisees, Successors or Assigns)
 (184.56 Acre Tract)

(1) Caroline Cole Gregory Heirs, devisees,
 Successors or Assigns

(a) Hassel Cole (1/8)

Interest conveyed to Thelma Parks by creditor's suit dated 5/2/64 (DB 161-326)

(a.1) Thelma Parks

Interest conveyed to Edith Street and Marion Combs by deed dated 5/7/64 (DB 161-366)

(a.1.1) Edith G. Street ***
 P.O. Box 458
 Abingdon, VA 24212

0.272 acres
 1/18 of 4.89 acres

0.3396%
 0.0010%

Exhibit B
Unit B37
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(a.1.2) Marion S. Combs Heirs, Devisees, Successors or Assigns (1/18) ***			
(a.1.2.1) Martha E. Combs Trust PO Box 1404 Abingdon, VA 24121	0.091 acres 1/54 of 4.89 acres	0.1132%	0.0003%
(a.1.2.2) Frederick H. Combs II Heirs, Devisees, Successors or Assigns			
(a.1.2.2.a) Fred H. Combs II Testamentary Trust c/o Trustee P.O. Box 641 Tazewell, VA 24651	0.091 acres 1/54 of 4.89 acres	0.1132%	0.0003%
(a.1.2.3) Carol Irvin	Conveyed 1/54 interest to CIPL, LP (Instrument 1200026521)		
(a.1.2.3.1) CIPL, LP 4710 Hunterwood Circle Richmond, TX 77406	0.091 acres 1/54 of 4.89 acres	0.1132%	0.0003%
*** NOTE: CNX Gas Company conveyed its Royalty interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(b) Kemik Cole Heirs, Devisees, Successors or Assigns (1/9)			
(b.1) Mona Cole, widow - Deceased	Dower interest of a 1/3 Life Estate		
(b.2) Nancy J. Cole See (b.3.1.a) below P. O. Box 2075 Beckley, WV 25802	0.543 acres 1/9 of 4.89 acres	0.6792%	0.0019%
(b.3) Shirley Cole Fuqua Heirs, Devisees, Successors or Assigns (1/18) No issue and her husband is deceased. Shirley Fuqua pre-deceased Mona Cole, her mother.			
(b.3.1) Mona Cole Heirs, Devisees, Successors or Assigns			
(b.3.1.a) Nancy J. Cole (1/18)	The 1/18th interest is combined with (b.2) above.		
(c) Trula Burruss Heirs, Devisees, Successors or Assigns (1/9)			
(c.1) James W. Burruss 22638 Aven Lane Abingdon, VA 24211	0.272 acres 1/16 of 4.89 acres	0.3396%	0.0010%
(c.2) Margaret M. Davis P.O. Box 10 Richlands, VA 24641	0.272 acres 1/16 of 4.89 acres	0.3396%	0.0010%
(d) Leonard P. Cole (1/9) Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 8/14/72 (DB 207-254)			
(d.1) B. W. McDonald Heirs, Devisees, Successors or Assigns			
(d.1.1) B.W. McDonald Testamentary Trust PO Box 999 Prestonsburg, KY 41653	0.163 acres 1/30 of 4.89 acres	0.2038%	0.0006%
(d.2) Lena McDonald Heirs, Devisees, Successors or Assigns			
(d.2.1) Byrd W. McDonald, II 10456 NW 2nd Ave. Portland, OR 97231	0.076 acres 7/450 of 4.89 acres	0.0951%	0.0003%
(d.2.2) Timothy J. McDonald 980 Crosswood Drive Prestonsburg, KY 41653	0.076 acres 7/450 of 4.89 acres	0.0951%	0.0003%
(d.2.3) Tamala M. Palphrey 10809 Meeting Street Prospect, KY 40059	0.076 acres 7/450 of 4.89 acres	0.0951%	0.0003%
(d.2.4) Gregory B. McDonald 2220 Nicholasville Rd, Ste 250 Lexington, KY 40503	0.076 acres 7/450 of 4.89 acres	0.0951%	0.0003%
(d.2.5) Greta McDonald Meek 177 Colvin Branch Oil Springs, KY 41238	0.076 acres 7/450 of 4.89 acres	0.0951%	0.0003%
(e) Sherman Cole Heirs, Devisees, Successors or Assigns (1/9)			
(e.1) Virgie Cole, widow - Deceased	Dower Interest of a 1/3 Life Estate		
(e.2) Larry Dean Cole 16927 Dismal River Rd Whitewood, VA 24657	0.091 acres 1/54 of 4.89 acres	0.1132%	0.0003%
(e.3) Mary F. Harris 4823 Basswood Drive Columbus, GA 31904	0.091 acres 1/54 of 4.89 acres	0.1132%	0.0003%
(e.4) Caroline Jones (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/20/85 (DB 311-621. See (e.6) below.		

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(e.5) Debbie Cole Rife (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/23/85 (DB 311-823). See (e.8) below.</i>		
(e.6) Leon Lonnie Cole (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 11/01/85 (DB 318-276). See (e.8) below.</i>		
(e.7) Jennings Hobart Cole (1/54)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated ___/___/85 (DB 318-278). See (e.8) below.</i>		
(e.8) Claude V. Keen and Caroline Keen	<i>Claude V. Keen D.O.D. 5/14/2012</i>		
(e.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.362 acres 2/27 of 4.89 acres	0.4528%	0.0013%
(f) Graham Cole (1/9)	<i>Interest conveyed to Galle F. Cole by deed dated 2/7/84 (DB 159-586)</i>		
(g) Galle Cole Heirs, Devisees, Successors or Assigns (2/9)	<i>Interest inherited from Caroline Cole Gregory (1/9) plus interest conveyed from Graham Cole (1/9), see (f) above.</i>		
(g.1) Alta M. Cole Heirs, Devisees, Successors or Assigns (2/9)			
(g.1.1) Harold G. Cole Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Doris Jean Cole Heirs, Devisees, Successors, or Assigns	<i>By deed dated 5/23/16 and at instr# 16-1053, The Estate of Doris Jean Cole purported to convey to Appalachian Energy Inc. all of its interest in minerals in the 164 5/9 acre tract. The conveyance may have failed to convey the interest as Kimberly Willis failed to qualify as executor.</i>		
(g.1.1.1.a) Kimberly Willis 1011 Nature Wood Circle Kent, OH 44240			
(g.1.1.1.b) Appalachian Energy, Inc. 230 Charwood Drive Abingdon, VA 24210	0.362 acres 2/27 of 4.89 acres	0.4528%	0.0013%
(g.1.2) Donald Theodore Cole Heirs, Devisees, Successors or Assigns (2/27)			
(g.1.2.a) Donald Stephen Cole 11 Woodcreek Drive Blue Ash, OH 45241	0.181 acres 1/27 of 4.89 acres	0.2264%	0.0006%
(g.1.2.b) Kenneth Edward Cole 12043 Windermere Crossing Circle Winter Garden, FL 34787-5522	0.181 acres 1/27 of 4.89 acres	0.2264%	0.0006%
(g.1.3) Charles F. Cole Heirs, Devisees, Successors or Assigns			
(g.1.3.1) Norma Cole Dotson Heirs, Devisees Successors, or Assigns			
(g.1.3.1.1) Sherry Cole	<i>Sherry Cole assigned 1/2 of her interest to Anthony Looney 6/25/2019, instrument# 19-0675</i>		
(g.1.3.1.1.1) Sherry Cole 872 Wolf Creek Trail, Apt. 5 Abingdon, VA 24210	0.181 acres 1/27 of 4.89 acres	0.2264%	0.0006%
(g.1.3.1.1.2) Anthony Looney 128 Hampshire Drive Mooresville, NC 28115	0.181 acres 1/27 of 4.89 acres	0.2264%	0.0006%
(h) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.543 acres 1/9 of 4.89 acres	0.6782%	0.0019%
(i) Nannie Garnett Cole Cooper Heirs, Devisees, Successors or Assigns (1/9)			
(i.1) Hessel McArthur Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 10/21/81 (DB 283-471) - see (i.4) below.</i>		
(i.2) Graham Millard Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 10/26/81 (DB 283-863) - see (i.4) below.</i>		
(i.3) Josh Wilson Cooper (1/81)	<i>Interest conveyed to Caroline Keen by deed dated 11/09/81 (DB 284-113) - see (i.4) below.</i>		
(i.4) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.181 acres 1/27 of 4.89 acres	0.2264%	0.0006%
(i.5) Thelma Geraldine Murray (1/81)	<i>Interest conveyed to Mark Sizemore by quitclaim deed dated 2/6/85 (DB 309-270)</i>		
(i.5.1) Mark Sizemore, etux. & Thelma Murray	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-722) - see (i.8) below</i>		
(i.6) Lois Nicholson (1/81)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-725) - see (i.8) below</i>		
(i.7) Betty Tristan (1/81)	<i>Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-728) - see (i.8) below</i>		
(i.8) Claude V. Keen and Caroline Cole Keen	<i>Claude V. Keen D.O.D. 5/14/2012</i>		
(i.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.181 acres 1/27 of 4.89 acres	0.2264%	0.0006%
(i.9) Thurman Gerald Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.9.1) Bruce Michael Cooper Heirs, Devisees, Successors or Assigns			

**Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
GNX / AE (JOA Area)**

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(i.9.1.1) Teens Cooper P.O. Box 131 North Tazewell, VA 24630	0.010 acres 1/486 of 4.89 acres	0.0126%	0.0000%
(i.9.2) Rita Gail Cooper 970 Hillman Highway NE, Lot 13 Abingdon, VA 24210	0.010 acres 1/486 of 4.89 acres	0.0126%	0.0000%
(i.9.3) Thelma Cooper Mullins 1019 E Second St. Apt. 1 Richlands, VA 24641	0.010 acres 1/486 of 4.89 acres	0.0126%	0.0000%
(i.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.010 acres 1/486 of 4.89 acres	0.0126%	0.0000%
(i.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.010 acres 1/486 of 4.89 acres	0.0126%	0.0000%
(i.9.6) Terry Allen Cooper 17216 Ian Lane, Lot #10 Abingdon, VA 24210	0.010 acres 1/486 of 4.89 acres	0.0126%	0.0000%
(i.10) Billy Victor Cooper (1/81)	<i>Pre-deceased Garnett Cole Cooper (mother)</i>		
(i.10.1) Karen Cooper Rowe P.O. Box 781 Hanover, WV 24639	0.030 acres 1/162 of 4.89 acres	0.0377%	0.0001%
(i.10.2) Sharon Cooper Daniels P.O. Box 1322 Shady Spring, WV 25918-1322	0.030 acres 1/162 of 4.89 acres	0.0377%	0.0001%
(i.11) Gary L. Cooper (1/81)	<i>Pre-deceased Garnett Cole Cooper (mother)</i>		
(i.11.1) Melanie D. Cooper 1997 Rockhouse Road Paw Paw, KY 41553	0.020 acres 1/243 of 4.89 acres	0.0252%	0.0001%
(i.11.2) Corey S. Cooper 4455 Old Lesters Fork Road Grundy, VA 24614	0.020 acres 1/243 of 4.89 acres	0.0252%	0.0001%
(i.11.3) Byron D. Cooper P.O. Box 252 Vansant, VA 24656	0.020 acres 1/243 of 4.89 acres	0.0252%	0.0001%

*** NOTE: Retained acres under Appalachian Energy, Inc. lease of Oil & Gas.*

Tract #7 - 0.32 Acres

(1) Pocahontas Gas LLC 1000 Consol Energy Drive Canonsburg, PA 15317	0.32 acres**	0.4000%	0.0011%
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*** NOTE: Retained acres under Appalachian Energy, Inc. lease of Oil & Gas.*

Tract #8 - 0.02 Acres

(1) Pocahontas Gas LLC 1000 Consol Energy Drive Canonsburg, PA 15317	0.02 acres	0.0250%	0.0001%
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Tract #9 - 3.17 Acres

Caroline Cole Keen, et al. (Caroline Cole Gregory Heirs, Devises, Successors or Assigns) (164.56 Acre Tract)	3.17 acres	3.9625%	0.0112%
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(1) Caroline Cole Gregory Heirs, Devises, Successors or Assigns

(a) Hassel Cole (1/9)

Interest conveyed to Thelma Parks by creditor's suit dated 5/2/64 (DB 161-326)

(a.1) Thelma Parks

Interest conveyed to Edith Street and Marion Combs by deed dated 5/7/64 (DB 161-366)

(a.1.1) Edith G. Street ***
P.O. Box 459
Abingdon, VA 24212

0.176 acres
1/18 of 3.17 acres

0.2201%

0.0006%

(a.1.2) Marion S. Combs Heirs, Devises, Successors or Assigns (1/18) ***

(a.1.2.1) Martha E. Combs Trust
PO Box 1404
Abingdon, VA 24211

0.059 acres
1/54 of 3.17 acres

0.0734%

0.0002%

(a.1.2.2) Frederick H. Combs II Heirs, Devises, Successors or Assigns

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	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(a.1.2.2.a) Fred H. Combs II Testamentary Trust c/o Trustee P.O. Box 841 Tazewell, VA 24661	0.059 acres 1/54 of 3.17 acres	0.0734%	0.0002%
(a.1.2.3) Carol Irvin	Conveyed 1/54 interest to CIPL, LP (Instrument 1200026521)		
(a.1.2.3.1) CIPL, LP 4710 Hunterwood Circle Richmond, TX 77406	0.059 acres 1/54 of 3.17 acres	0.0734%	0.0002%
*** NOTE: CNX Gas Company conveyed its Royalty Interest in the CBM Only to Edith Street, John Irvin, Carol Irvin, Martha Combs and The Frederick H. Combs II Testamentary Trust by deed dated 3/07/08 (Inst#080001170).			
(b) Kermit Cole Heirs, Devisees, Successors or Assigns (1/9)			
(b.1) Mona Cole, widow - Deceased	Dower interest of a 1/3 Life Estate		
(b.2) Nancy J. Cole See (b.3.1.a) below P. O. Box 2075 Beckley, WV 25802	0.352 acres 1/9 of 3.17 acres	0.4403%	0.0012%
(b.3) Shirley Cole Fuqua Heirs, Devisees, Successors or Assigns (1/18) No issue and her husband is deceased. Shirley Fuqua pre-deceased Mona Cole, her mother.			
(b.3.1) Mona Cole Heirs, Devisees, Successors or Assigns			
(b.3.1.a) Nancy J. Cole (1/18)	The 1/18th interest is combined with (b.2) above.		
(c) Trula Burriss Heirs, Devisees, Successors or Assigns (1/9)			
(c.1) James W. Burriss 22638 Aven Lane Abingdon, VA 24211	0.176 acres 1/18 of 3.17 acres	0.2201%	0.0006%
(c.2) Margaret M. Davis P.O. Box 10 Richlands, VA 24661	0.176 acres 1/18 of 3.17 acres	0.2201%	0.0006%
(d) Leonard P. Cole (1/9) Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 6/14/72 (DB 207-254)			
(d.1) B. W. McDonald Heirs, Devisees, Successors or Assigns			
(d.1.1) B.W. McDonald Testamentary Trust PO Box 999 Prestonsburg, KY 41653	0.106 acres 1/30 of 3.17 acres	0.1321%	0.0004%
(d.2) Lena McDonald Heirs, Devisees, Successors or Assigns			
(d.2.1) Byrd W. McDonald, II 10456 NW 2nd Ave. Portland, OR 97231	0.049 acres 7/450 of 3.17 acres	0.0616%	0.0002%
(d.2.2) Timothy J. McDonald 980 Cresswood Drive Prestonsburg, KY 41653	0.049 acres 7/450 of 3.17 acres	0.0616%	0.0002%
(d.2.3) Tamala M. Pelphrey 10809 Meeting Street Prospect, KY 40059	0.049 acres 7/450 of 3.17 acres	0.0616%	0.0002%
(d.2.4) Gregory B. McDonald 2220 Nicholasville Rd, Sta 250 Lexington, KY 40503	0.049 acres 7/450 of 3.17 acres	0.0616%	0.0002%
(d.2.5) Greta McDonald Meek 177 Colvin Branch Oil Springs, KY 41238	0.049 acres 7/450 of 3.17 acres	0.0616%	0.0002%
(e) Sherman Cole Heirs, Devisees, Successors or Assigns (1/9)			
(e.1) Virgie Cole, widow - Deceased	Dower interest of a 1/3 Life Estate		

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(e.2) Larry Dean Cole 16927 Dismal River Rd Whitewood, VA 24657	0.059 acres 1/54 of 3.17 acres	0.0734%	0.0002%
(e.3) Mary F. Harris 4823 Basswood Drive Columbus, GA 31904	0.059 acres 1/54 of 3.17 acres	0.0734%	0.0002%
(e.4) Caroline Jones (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/20/85 (DB 311-821). See (e.8) below.		
(e.5) Debbie Cole Rife (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 5/23/85 (DB 311-823). See (e.8) below.		
(e.6) Leon Lonnie Cole (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 11/01/85 (DB 316-276). See (e.8) below.		
(e.7) Jennings Hobart Cole (1/54)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated ___/___/85 (DB 316-278). See (e.8) below.		
(e.8) Claude V. Keen and Caroline Keen	Claude V. Keen D.O.D. 5/14/2012		
(e.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.235 acres 2/27 of 3.17 acres	0.2935%	0.0008%
(f) Graham Cole (1/8)	Interest conveyed to Gellie F. Cole by deed dated 2/7/64 (DB 159-586)		
(g) Gellie Cole Heirs, Devisees, Successors or Assigns (2/9)	Interest inherited from Caroline Cole Gregory (1/8) plus interest conveyed from Graham Cole (1/8), see (f) above.		
(g.1) Althea M. Cole Heirs, Devisees, Successors or Assigns			
(g.1.1) Harold G. Cole Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Doris Jean Cole Heirs, Devisees, Successors, or Assigns	By deed dated 5/23/16 and at Instr# 16-1053. The Estate of Doris Jean Cole purported to convey to Appalachian Energy Inc. all of its interest in minerals in the 164 5/9 acre tract. The conveyance may have failed to convey the interest as Kimberly Willis failed to qualify as executor.		
(g.1.1.1.a) Kimberly Willis 1011 Nature Wood Circle Kent, OH 44240			
(g.1.1.1.b) Appalachian Energy, Inc 230 Charwood Drive Abingdon, VA 24210	0.235 acres 2/27 of 3.17 acres	0.2935%	0.0008%
(g.1.2) Donald Theodore Cole Heirs, Devisees, Successors or Assigns (2/27)			
(g.1.2.a) Donald Stephen Cole 11 Woodcreek Drive Blue Ash, OH 45241	0.117 acres 1/27 of 3.17 acres	0.1468%	0.0004%
(g.1.2.b) Kenneth Edward Cole 12043 Windemere Crossing Circle Winter Garden, FL 34787-5522	0.117 acres 1/27 of 3.17 acres	0.1468%	0.0004%
(g.1.3) Charles F. Cole Heirs, Devisees, Successors or Assigns			
(g.1.3.1) Norma Cole Dotson Heirs, Devisees, Successors, or Assigns			
(g.1.3.1.1) Sherry Cole	Sherry Cole assigned 1/2 of her interest to Anthony Looney 5/25/2019, Instrument# 19-0675		
(g.1.3.1.1.1) Sherry Cole 872 Wolf Creek Trail, Apt. 5 Abingdon, VA 24210	0.117 acres 1/27 of 3.17 acres	0.1468%	0.0004%
(g.1.3.1.1.2) Anthony Looney 128 Hampshire Drive Mooresville, NC 28115	0.117 acres 1/27 of 3.17 acres	0.1468%	0.0004%
(h) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.352 acres 1/9 of 3.17 acres	0.4403%	0.0012%
(i) Nannie Gamed Cole Cooper Heirs, Devisees, Successors or Assigns (1/8)			
(i.1) Hassell McArthur Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/21/81 (DB 283-471) - see (i.4) below.		
(i.2) Graham Millard Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 10/26/81 (DB 283-863) - see (i.4) below.		
(i.3) Josh Wilson Cooper (1/81)	Interest conveyed to Caroline Keen by deed dated 11/09/81 (DB 284-113) - see (i.4) below.		
(i.4) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.117 acres 1/27 of 3.17 acres	0.1468%	0.0004%
(i.5) Thelma Geraldine Murray (1/81)	Interest conveyed to Mark Sizemore by quitclaim deed dated 2/6/85 (DB 309-270)		
(i.5.1) Mark Sizemore, etux. & Thelma Murray	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-722) - see (i.8) below.		
(i.6) Lois Nicholson (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-725) - see (i.8) below.		
(i.7) Betty Tristan (1/81)	Interest conveyed to Claude V. Keen and Caroline Keen by deed dated 8/14/86 (DB 323-728) - see (i.8) below.		

Exhibit B
Unit 137
Docket # VGOB 21-0420-4238
List of all Owners/Claimants
CNX / AE (JOA Area)

2100000590

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
(I.8) Claude V. Keen and Caroline Cole Keen	<i>Claude V. Keen D.O.D. 5/14/2012</i>		
(I.8.1) Caroline Cole Keen P.O. Box 233 Whitewood, VA 24657	0.117 acres 1/27 of 3.17 acres	0.1458%	0.0004%
(I.9) Thurman Gerald Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(I.9.1) Bruce Michael Cooper Heirs, Devisees, Successors or Assigns			
(I.9.1.1) Teane Cooper P.O. Box 131 North Tazewell, VA 24630	0.007 acres 1/486 of 3.17 acres	0.0082%	0.0000%
(I.9.2) Rita Gail Cooper 970 Hillman Highway NE, Lot 13 Abingdon, VA 24210	0.007 acres 1/486 of 3.17 acres	0.0082%	0.0000%
(I.9.3) Theima Cooper Mullins 1019 E Second St, Apt. 1 Richlands, VA 24641	0.007 acres 1/486 of 3.17 acres	0.0082%	0.0000%
(I.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.007 acres 1/486 of 3.17 acres	0.0082%	0.0000%
(I.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.007 acres 1/486 of 3.17 acres	0.0082%	0.0000%
(I.9.6) Terry Allen Cooper 17216 Ian Lane, Lot #10 Abingdon, VA 24210	0.007 acres 1/486 of 3.17 acres	0.0082%	0.0000%
(I.10) Billy Victor Cooper (1/81)	<i>Pre-deceased Garnett Cole Cooper (mother)</i>		
(I.10.1) Karen Cooper Rowe P.O. Box 761 Henover, WV 24839	0.020 acres 1/162 of 3.17 acres	0.0245%	0.0001%
(I.10.2) Sharon Cooper Daniels P.O. Box 1322 Shedy Spring, WV 25918-1322	0.020 acres 1/162 of 3.17 acres	0.0245%	0.0001%
(I.11) Gary L. Cooper (1/81)	<i>Pre-deceased Garnett Cole Cooper (mother)</i>		
(I.11.1) Melanie D. Cooper 1997 Rockhouse Road Paw Paw, KY 41553	0.013 acres 1/243 of 3.17 acres	0.0163%	0.0000%
(I.11.2) Corey S. Cooper 4455 Old Lesters Fork Road Grundy, VA 24614	0.013 acres 1/243 of 3.17 acres	0.0163%	0.0000%
(I.11.3) Byron D. Cooper P.O. Box 252 Vansant, VA 24656	0.013 acres 1/243 of 3.17 acres	0.0163%	0.0000%
<u>Tract #10 - 0.46 Acres</u>			
(1) Norfolk Southern Railway Company Real Estate Dept. - Attn: Ann Powell 1200 Peachtree Road; Box 165 Atlanta, GA 30309	0.46 acres**	0.5750%	0.0016%
** NOTE: Retained acres under Appalachia Energy, Inc. lease of Oil & Gas.			
<u>Tract #11 - 0.14 Acres</u>			
(1) Norfolk Southern Railway Company Real Estate Dept. - Attn: Ann Powell 1200 Peachtree Road; Box 165 Atlanta, GA 30309	0.14 acres	0.1750%	0.0005%
<u>Tract #12 - 1.76 Acres</u>			
(1) Norfolk Southern Railway Company Real Estate Dept. - Attn: Ann Powell 1200 Peachtree Road; Box 165 Atlanta, GA 30309	1.76 acres	2.2000%	0.0062%

2100000590

Exhibit B3
Unit 137
Docket # VGOB 21-0420-4238
List of all unleased Owners/Claimants
CNX / AE (JOA Area)

	Acres in Unit	Percent of Unit	Div. of Int. in 12 East Panel
II. OIL & GAS OWNERSHIP			
<u>Tract #5 - 2.76 Acres</u>			
Caroline Cole Kean, et al. (Caroline Cole Gregory Heirs, Devisees, Successors or Assigns) 79.10 Acre Tract	2.76 acres**	3.4500%	0.0097%
(1) Caroline Cole Gregory Heirs, Devisees, Successors or Assigns			
(i) Nannie Gamett Cole Cooper Heirs, Devisees, Successors or Assigns (1/9)			
(i.9) Thurman Gerald Cooper Heirs, Devisees, Successors or Assigns (1/81)			
(i.9.1) Bruce Michael Cooper Heirs, Devisees, Successors or Assigns			
(i.9.1.1) Teena Cooper P.O. Box 131 North Tazewell, VA 24630	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(i.9.2) Rita Gail Cooper 970 Hillman Highway NE, Lot 13 Abingdon, VA 24210	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(i.9.3) Thelma Cooper Mullins 1019 E Second St, Apt. 1 Richlands, VA 24641	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(i.9.4) Teresa Lynn Rogers PO Box 1717 Richlands, VA 24641	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(i.9.5) Thurman G. Cooper, Jr. 17215 Dismal River Rd Whitewood, VA 24657	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
(i.9.6) Terry Allen Cooper 17216 Ian Lane, Lot #10 Abingdon, VA 24210	0.0057 acres 1/486 of 2.76 acres	0.0071%	0.0000%
** NOTE: Retained acres under Appalachian Energy lease of Oil & Gas. (Deemed leased by AEI JOA)			
Total Tract Acres	0.0341		
Total Tract Percentage	0.0426%		

Tract #6 - 4.89 Acres

Caroline Cole Kean, et al. (Caroline Cole Gregory Heirs, Devisees, Successors or Assigns) (164.56 Acre Tract)	4.89 acres**	6.1125%	0.0172%
(1) Caroline Cole Gregory Heirs, Devisees, Successors or Assigns			
(d) Leonard P. Cole (1/9)	Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 6/14/72 (DB 207-254)		
(d.1) B. W. McDonald Heirs, Devisees, Successors or Assigns			
(d.1.1) B.W. McDonald Testamentary Trust PO Box 999 Prestonsburg, KY 41653	0.163 acres 1/30 of 4.89 acres	0.2038%	0.0006%

** NOTE: Retained acres under Appalachian Energy, Inc. lease of Oil & Gas.

Total Tract Acres	0.1630
Total Tract Percentage	0.2038%

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Docket # VGOB 21-0420-4238
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210000590

	Acres in Unit	Percent of Unit	Div. of Int. In 12 East Panel
<u>Tract #9 - 3.17 Acres</u>			
Caroline Cole Kean, et al. (Caroline Cole Gregory Heirs, Devisees, Successors or Assigns) (164.56 Acre Tract)	3.17 acres	3.9625%	0.0112%
(1) Caroline Cole Gregory Heirs, Devisees, Successors or Assigns			
(d) Leonard P. Cole (1/9)	Interest conveyed to B. W. McDonald and Lena McDonald by deed dated 6/14/72 (DB 207-254)		
(d.1) B. W. McDonald Heirs, Devisees, Successors or Assigns			
(d.1.1) B.W. McDonald Testamentary Trust PO Box 999 Prestonsburg, KY 41653	0.106 acres 1/30 of 3.17 acres	0.1321%	0.0004%
Total Tract Acres	0.1057		
Total Tract Percentage	0.1321%		
<u>TOTAL UNLEASED OIL & GAS ESTATE</u>			
	Acres	0.3027	
	Percentage	0.3784%	

INSTRUMENT 210000590
RECORDED IN THE CLERK'S OFFICE OF
BUCHANAN COUNTY CIRCUIT COURT ON
MAY 20, 2021 AT 04:15 PM
BEVERLY S. TILLER, CLERK
RECORDED BY: CXE