

**BEFORE THE VIRGINIA GAS AND OIL BOARD**

**APPLICANT: Pocahontas Gas LLC**

**DIVISION OF GAS AND OIL  
DOCKET NO: VGOB 25-0415-4304**

**RELIEF SOUGHT: Creation of sealed gob drilling unit**

**LOCATION: See Exhibits "A" and "A1"**

**HEARING DATE: April 15, 2025**

**UNIT NUMBER: Buch No1 South 1 Panel SGU**

**IN BUCHANAN COUNTY, VIRGINIA**

**APPLICATION**

1. **Parties:** Applicant is Pocahontas Gas LLC, 1825 Front Street, Suite 104, Richlands VA 24641. Respondents are listed on Exhibit "B", attached hereto and made a part hereof. Set forth in Exhibit "B" are the names and last-known addresses of each owner of record identified by the Applicant as having or claiming an interest in the coalbed methane gas underlying the drilling unit sought to be created by this Application. Each of the individuals named in Exhibit "B" if living, is made a party hereto. If any such individual is deceased, then the known and unknown heirs, executors, administrators, devisees, trustees and assigns, both immediate and remote, of any such deceased individual are made parties hereto. Each of the legal entities named in Exhibit "B", if such entity continues to have legal existence, is made a party hereto. If any such legal entity is dissolved, then the known and unknown successors, trustees, and assigns, both immediate and remote, of such entity are made parties hereto.

2. **Facts:**

- a. Applicant owns or claims to own oil and gas leases, coalbed methane gas leases, and/or coal leases and claims the right thereunder to explore for, develop and produce coalbed methane gas from all coal seams below the Tiller seam, including but not limited to the Upper Seaboard, Greasy Creek, Middle Seaboard, Lower Seaboard, Upper Horsepen, Middle Horsepen, War Creek, Lower Horsepen, Pocahontas No.9, Pocahontas No. 8, Pocahontas No.7, Pocahontas No. 6, Pocahontas No.5, Pocahontas No.4, Pocahontas No.3, Pocahontas No.2, and various unnamed seams and associated strata (hereinafter "Subject Formation") in the Buchanan No. 1 Mine in Buchanan County, Virginia (hereinafter "Subject Lands"), which Subject Lands are more particularly described in Exhibit "A" attached hereto and made a part hereof. Said Exhibit "A" is a map certified by licensed professional engineer showing the size and shape of the drilling unit to be created, as well as Applicant's interest in the drilling unit. Applicant attests to the fact that it believes said map conforms to existing orders issued by the Board. The undersigned certifies that the matters set forth in this application, to the best of her knowledge, information and belief, are true and correct.
- b. On Exhibits "A", "B", the Tract Identification Page, and "B-3" Applicant has shown 1) the percentage of ownership in the drilling unit of each acreage (tract) therein and 2) the status of ownership of each acreage (tract) including a description of the interest of each owner or claimant as disclosed by the examination of record title, i.e. whether leased to Applicant, leased to another person or unleased.
- c. The Virginia Gas and Oil Board (hereinafter "Board") heretofore has established 80 acre drilling units in the Oakwood Coalbed Gas Field I and Oakwood Coalbed Methane Gas Field II underlying and comprised of the Subject Lands pursuant to its Orders and those of the Virginia Oil and Gas Conservation Board, to-wit: OCGB 3-90; VGOB 91-1119-162; VGOB 92/02/16-0336; and VGOB 93/03/16-349. However, said Field Rules and Orders specifically provide that they do not apply to production of coalbed methane gas from sealed gob areas which production is contemplated by this application. Annexed hereto as Exhibit "I" is a schedule of the Board's prior Orders affecting the Subject Lands, or portions thereof.
- d. The sealed gob drilling unit sought to be created by this Application is entirely within the boundaries of the BUCHANAN NO.1 VS-18 Unit created and pooled by the Board Order entered on the 24<sup>th</sup> day of June 2021 in re Docket No. VGOB-23-1121-4277. The area within this

proposed sealed gob unit is specifically described at paragraph 4.a. below and is depicted in Exhibits A and A-1.

- e. Simultaneously with the filing of this Application, the Applicant has filed a Petition to Modify the Order entered creating the BUCHANAN NO.1 VS-18 Unit to extract the acreage within this proposed unit and to modify the division of interests of the royalty owners with acreage remaining in VS-18 accordingly.
  - f. Because the Order entered creating the VS-18 Unit force pooled “[a]ll the interests and estates in and to the Gas” in that Unit, it is unnecessary to re-pool the owners and claimants within this proposed subdivision of Unit VS-18.
  - g. This proposed sealed gob area is intended to both enhance miner safety and permit the production of pipeline quality methane gas.
  - h. Applicant has permitted 19 well bores as shown on Exhibit "AA" for production of coalbed methane from the sealed gob and "Subject Formation." The estimated costs for development contemplated by this Application are as set forth in Exhibits "C" and "M" attached hereto and made part hereof which are Applicant's Estimate of Allowable Costs.
  - i. The estimated total production from subject unit is 2.5-12 BCF. The estimated amount of reserves from the subject drilling unit is 2.5-12 BCF. These figures concerning estimated production and the amount of reserves are, however, estimates only that are not based upon actual production from this Unit and should not be relied upon for any purpose. It should not be assumed that final production before plugging and abandonment will equal estimated reserves.
  - j. Applicant has exercised diligence to locate each person owning or claiming an interest in coalbed methane gas in the subject drilling unit underlying the Subject Lands.
  - k. Establishing this production unit is necessary to prevent waste, to protect correlative rights and to ensure the safe and efficient development and production of gas and oil resources in the Commonwealth.
  - l. Simultaneously with filing of this application pursuant to Va. Code Ann. § 45.2-1622.A, Applicant is providing notice by certified mail, return receipt requested to each person named as a Respondent in the Notice of Hearing having or claiming an interest in the coalbed methane gas, underlying the Subject Lands pooled herein. Applicant hereby notifies the board that where the identity or location of any person is shown as "unknown" on Exhibit "B", then Applicant is unable to provide said person with written notice of the application herein by mail.
3. **Legal Authority:** Va. Code Ann. § 45.2-1600, *et seq.* 4 VAC 25-160-10, *et seq.* and such other regulations promulgated pursuant to law.
  4. **Relief Sought:** Applicant requests the Board issue an order providing as follows:
    - a. Creating a sealed gob drilling unit consisting of 298.43 +/- acres for the drilling, development and production of coalbed methane gas from the sealed gob sometimes referred to herein as the "Subject Formation", which drilling unit is further described and depicted in Exhibit "A" annexed hereto and which drilling unit is described as follows: Beginning at a point, Virginia State Plane NAD 83 coordinate of N: 3593834.13 E: 10485609.83 (southwest corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence S 89°43'34" E 1413.36 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3593827.37 E: 10487023.18 (southeast corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence N 43°58'55" W 93.33 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3593894.52 E: 10486958.37; thence N: 01°38'34" E 9743.31 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3603633.83 E: 10487237.70 (northeast corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence N 39°28'40" W 229.37 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3603456.78 E: 10487091.87; thence N 88°23'00" W 1206.00 feet a point of beginning, containing +/- 298.43 acres.

- b. Authorizing the operator to permit and operate coalbed methane gas wells to capture and market coalbed methane gas from the sealed mine area and the formations listed at 2.a. above.
- c. Establishing the percentages for division of interest for production, revenue and costs for all Respondents in accordance with those percentages as are set forth at Exhibit "B".
- d. With respect to coalbed methane gas in subject drilling unit, applicant requests that the Board establish a procedure whereby each person named in Exhibit B-3 hereto, shall have the right to elect 1) to assign or lease his interest in the subject drilling unit to the designated operator, 2) to enter into a voluntary agreement with the designated operator to share in the operation (including the sharing in all reasonable costs of development of the unit) at a rate of payment mutually agreed to by the person making the election hereunder and the designated operator herein or 3) to share in the operation of the well(s) and costs of production as a nonparticipating operator on a carried basis after the proceeds allocable to such person's share equal the following:

In case of a leased tract, 300 percent of the share of such costs allocable to such person's interest; or

In the case of an unleased tract, 200 percent, of the share of such costs allocable to such person's interest, all as determined by the Board.

- e. Providing that any Respondent herein who does not make a timely written election under the terms of the Order to be entered herein shall be deemed to have leased or assigned his coalbed methane gas interests in the subject drilling unit to the Applicant herein at a rate to be established by the Board.
- f. Designating Pocahontas Gas LLC, as Unit Operator; providing that the operator shall have the right to drill, develop, produce, market and sell coalbed methane gas from the subject drilling unit; granting the operator the right to market and sell the coalbed methane gas from the subject drilling unit which is attributable to the conflicting claims and interests pooled by the Order entered re Docket No. VGOB-23-1121-4277; providing that the operator shall have an operator's lien on the coalbed methane gas estate and rights owned or claimed by the persons named herein in the subject drilling unit; and granting the operator the right to drill at any legal or specially permitted location on subject drilling unit; and granting the operator the right to drill wells at any legal or specially permitted location on the subject drilling unit.
- g. Making any necessary provisions for the escrow of funds pursuant to Va. Code Ann. §§ 45.2-1622 and 45.2-1620.D
- h. Providing that the order to be entered herein shall expire two (2) years from the date of its issuance if operations have not commenced by said date; but further providing that if operations have commenced during said two year period, then said order shall remain in effect for so long as operations continue on the subject drilling unit. However, in the event an appeal is taken from the order issued, the time between the mailing of the notice of appeal and the final order of the Circuit Court shall be excluded in calculating the two year period referred to herein.
- i. With respect to separately owned tracts and separately owned interests in the drilling unit, joining all the interests within the drilling unit for the production of coalbed methane gas so that each owner in the drilling unit will share in all production and costs regarding the drilling unit in the proportion that the acreage owned by each owner bears to the entire acreage in the unit.
- j. Providing that operations under and in accordance with this order shall be regarded and considered as development, operation and production upon all lands included within the subject drilling unit. Production from any well(s) drilled on, operated, or produced from any part of the drilling unit, no matter where located, shall for all purposes be regarded as production from each separately owned tract within the subject drilling unit. The portion of production produced from and attributed to the drilling unit and any separately owned tract therein, shall be deemed for all purposes to have been actually produced from such drilling unit and tract, and development, exploration or production operations with respect to any portion of the drilling unit shall be deemed for all purposes to be the

conduct of such operations for the production of gas from each separately owned tract in said unit.

- k. The Respondents listed at Exhibit "D" are lessors of Applicant. They are joined as Respondents because the leases in question do not contemplate a drilling unit of the size requested herein.
- l. Amending prior Board Pooling Orders, if any, entered with regard to Long Wall Production Units and/or 80 acre Oakwood Units located within the subject drilling unit to provide that the terms of the Order to be entered herein shall govern and control the allocation of production, revenue and costs for all purposes on and after midnight of the day on which the construction of the seals to isolate the mine works shown on Exhibit AA and within the Subject Drilling Unit is completed.
- m. Granting such other relief as is merited by the evidence and is just and equitable, whether or not such relief has been specifically requested herein.

DATED: March 10, 2025

**Pocahontas Gas LLC**  
Applicant

By: \_\_\_\_\_

**Kelli Berry**

**Sr Analyst – Land Records, Pooling, Division Orders**

**Pocahontas Gas LLC**

1825 Front Street, Suite 104

Richlands, Virginia 24641

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: Pocahontas Gas LLC

DIVISION OF GAS AND OIL  
DOCKET NO: VGOB 25-0415-4304

RELIEF SOUGHT:

1. Creation of sealed gob drilling unit

LOCATION: See exhibits "A" and "A1"

UNIT NUMBER: Buch No 1 South 1 Panel SGU

IN BUCHANAN COUNTY, VIRGINIA

HEARING DATE: April 15, 2025  
PLACE: Virginia Dept of Energy  
3405 Mountain Empire Road, Room 219  
Big Stone Gap, VA 24219  
and via Teleconference  
TIME: 10:00 AM

NOTICE OF HEARING

**COMMONWEALTH OF VIRGINIA:** To all persons owning or claiming an interest in oil and gas, coalbed methane gas, coal or other minerals and to all other persons who have or claim to have an interest in the coalbed methane underlying and within the **Buchanan No 1 South 1 Panel SGU** and the lands described on Exhibit "A" to the Application, which is attached to this Notice, in the **Garden** District of **Buchanan** County, Virginia (hereinafter "Subject Lands") and adjacent lands, and in particular to the following persons, their known and unknown heirs, executors, administrators, devisees, assigns and successors, both immediate and remote:

*Patricia Smith Cook, et al, including: Patricia Smith Cook, Linda Kay Ratliff Smith, Sandra Smith Spears; Coal Mountain Mining Company LLP, Gary Davis, et al, including: Gary C. Davis, Larry Wayne Davis, Ricky Davis, Jacqueline Davis, Doris Davis, the undocumented heirs of Ruth M. Boyd, including Gwenda Ligett, Wanda Zahn, and Candace Sue McCroy; Pocahontas Gas LLC; Loya Edgar Davis Compton Heirs, including: Allie Davis Clowers, Doris Davis, Billy Michael Davis, Lisa Diane Davis, Joe Darrell Davis, Bobby Davis, Gary Davis, Larry Wayne Davis, and Jacqueline Davis*

**NOTICE IS HEREBY GIVEN** that Applicant is requesting that the Virginia Gas and Oil Board (hereinafter "Board") issue an order creating a sealed gob unit and pooling all the rights, interests, and estates of the above named persons pursuant to Virginia Code Ann. § 45.2-1620 et seq. in regard to the drilling, development and production of coalbed methane gas from said drilling Unit **Buchanan No 1 South 1 Panel SGU** containing approximately **300.02 acres**, for all coal seams below the Tiller seam, including but not limited to the Upper Seaboard, Greasy Creek, Middle Seaboard, Lower Seaboard, Upper Horsepen, War Creek, Lower Horsepen, Pocahontas No.9, Pocahontas No.8, Pocahontas No. 7, Pocahontas No.6, Pocahontas No.5, Pocahontas No.4, Pocahontas No.3, Pocahontas No.2, and various unnamed seams and all associated strata (hereinafter "Subject Formation"). Applicant requests that the Board issue an order providing as follows:

- a Creating a sealed gob drilling unit consisting of **298.43 +/-** acres for the drilling, development and production of coalbed methane gas from the sealed gob sometimes referred to herein as the "Subject Formation", which drilling unit is further described and depicted in Exhibit "A" annexed hereto and which drilling unit is described as follows: Beginning at a point, Virginia State Plane NAD 83 coordinate of N: 3593834.13 E: 10485609.83 (southwest corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence S 89°43'34" E 1413.36 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3593827.37 E: 10487023.18 (southeast corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence N 43°58'55" W 93.33 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3593894.52 E: 10486958.37; thence N: 01°38'34" E 9743.31 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3603633.83 E: 10487237.70

(northeast corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence N 39°28'40" W 229.37 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3603456.78 E: 10487091.87; thence N 88°23'00" W 1206.00 feet a point of beginning, containing +/- 298.43 acres.

- b. Authorizing the operator to permit and operate coalbed methane gas wells to capture and market coalbed methane gas from the sealed mine area and the formations listed at 2.a. above.
- c. Establishing the percentages for division of interest for production, revenue and costs for all Respondents in accordance with those percentages as are set forth at Exhibit "B".
- d. With respect to coalbed methane gas in subject drilling unit, applicant requests that the Board establish a procedure whereby each person named in Exhibit B-3 hereto, shall have the right to elect 1) to assign or lease his interest in the subject drilling unit to the designated operator, 2) to enter into a voluntary agreement with the designated operator to share in the operation (including the sharing in all reasonable costs of development of the unit) at a rate of payment mutually agreed to by the person making the election hereunder and the designated operator herein or 3) to share in the operation of the well(s) and costs of production as a nonparticipating operator on a carried basis after the proceeds allocable to such person's share equal the following:

In case of a leased tract, 300 percent of the share of such costs allocable to such person's interest; or

In the case of an unleased tract, 200 percent, of the share of such costs allocable to such person's interest, all as determined by the Board.

- e. Providing that any Respondent herein who does not make a timely written election under the terms of the Order to be entered herein shall be deemed to have leased or assigned his coalbed methane gas interests in the subject drilling unit to the Applicant herein at a rate to be established by the Board.
- f. Designating Pocahontas Gas LLC, as Unit Operator; providing that the operator shall have the right to drill, develop, produce, market and sell coalbed methane gas from the subject drilling unit; granting the operator the right to market and sell the coalbed methane gas from the subject drilling unit which is attributable to the conflicting claims and interests pooled herein; providing that the operator shall have an operator's lien on the coalbed methane gas estate and rights owned or claimed by the persons named herein in the subject drilling unit; and granting the operator the right to drill at any legal or specially permitted location on subject drilling unit; and granting the operator the right to drill wells at any legal or specially permitted location on the subject drilling unit.
- g. Making any necessary provisions for the escrow of funds pursuant to Va. Code Ann. §§ 45.2-1620 and 45.2-1622.B.2
- h. Providing that the order to be entered herein shall expire two (2) years from the date of its issuance if operations have not commenced by said date; but further providing that if operations have commenced during said two year period, then said order shall remain in effect for so long as operations continue on the subject drilling unit. However, in the event an appeal is taken from the order issued, the time between the mailing of the notice of appeal and the final order of the Circuit Court shall be excluded in calculating the two year period referred to herein.
- i. With respect to separately owned tracts and separately owned interests in the drilling unit, joining all the interests within the drilling unit for the production of coalbed methane gas so that each owner in the drilling unit will share in all production and costs regarding the drilling unit in the proportion that the acreage owned by each owner bears to the entire acreage in the unit.
- j. Providing that operations under and in accordance with this order shall be regarded and considered as development, operation and production upon all lands included within the subject drilling unit. Production from any well(s) drilled on, operated, or produced from any part of the drilling unit, no matter where located, shall for all purposes be regarded as production from each separately-owned tract within the subject drilling unit. The portion of production produced from and attributed to the drilling unit and any separately owned tract

therein, shall be deemed for all purposes to have been actually produced from such drilling unit and tract, and development, exploration or production operations with respect to any portion of the drilling unit shall be deemed for all purposes to be the conduct of such operations for the production of gas from each separately owned tract in said unit.

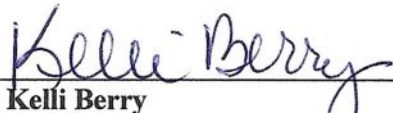
- k. The Respondents listed at Exhibit "D" are lessors of Applicant. They are joined as Respondents because the leases in question do not contemplate a drilling unit of the size requested herein.
- l. Amending all prior Board Pooling Orders entered with regard to Long Wall Production Units and 80 acre Oakwood Units located within the subject drilling unit to provide that the terms of the Order to be entered herein shall govern and control the allocation of production, revenue and costs for all purposes on and after midnight of the day on which the construction of the seals to isolate the mine works shown on Exhibit A-2 and within the Subject Drilling Unit is completed.
- m. Granting such other relief as is merited by the evidence and is just and equitable, whether or not such relief has been specifically requested herein.

**NOTICE IS FURTHER GIVEN** that this cause has been set for hearing and the taking of evidence before the Board at 10:00 AM, on **April 15, 2025**, 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 this hearing, with or without an attorney, and offer evidence or state any comments you have. For further information or a copy of the application and exhibits, either contact the Virginia Gas and Oil Board, State Oil and Gas Inspector, Department of Mines, Minerals and Energy, the Division of Gas and Oil, 3405 Mountain Empire Road, Big Stone Gap, VA 24219, 276/523-8100 or the Applicant at the address shown below.

DATED: March 10, 2025

**Pocahontas Gas LLC**  
Applicant

By:   
\_\_\_\_\_  
**Kelli Berry**  
**Sr Analyst-Land Records, Pooling, Division Orders**  
Pocahontas Gas LLC  
1825 Front Street, Suite 104  
Richlands, VA 24641

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 DOES NOT CERTIFY PROPERTY LINE ACCURACY.

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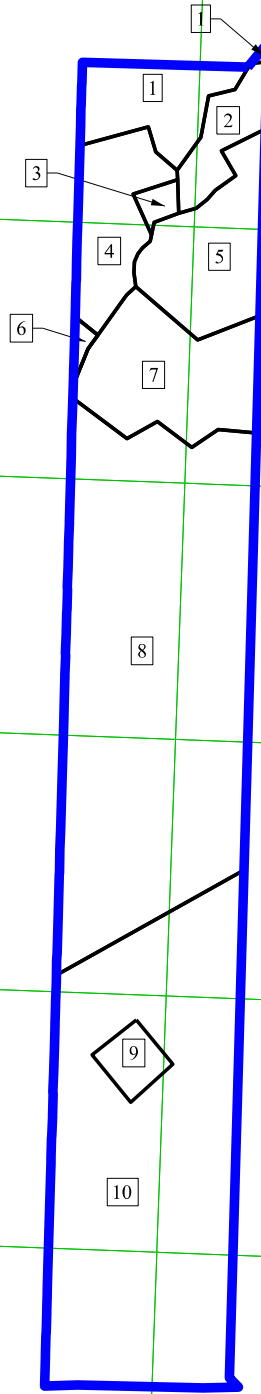
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Licensed Professional Surveyor

**BUCHANAN NO. 1  
SOUTH 1 PANEL SGU**

VG0B 25-0415-4304

DRAWN BY: PD      DATE: MARCH 7, 2025

SCALE: N.T.S.      EXHIBIT A

VIRGINIA STATE PLANE NAD83 SOUTH ZONE

**Pocahontas Gas LLC  
Buchanan No. 1 South 1 Panel SGU  
Tract Identifications**

1. Coal Mountain Mining Company, LLP (157.00 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal In Tiller and Above Leased  
Patricia Cook, et al – Surface, Oil, and Gas  
Pocahontas Gas LLC – Oil, Gas and CBM Leased  
13.42 Acres                      4.4969%
  
2. Coal Mountain Mining Company, LLP (31.00 Acre Tract) – Coal and Gas  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal In Tiller and Above Leased  
Gary Davis, et al – Minerals less Coal and Gas  
7.69 Acres                      2.5768%
  
3. Gary Davis, et al – Fee Less P-3 seam of Coal  
Buchanan Mining Company – P-3 seam of Coal  
1.67 Acres                      0.5596%
  
4. Coal Mountain Mining Company, LLP (24.00Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal In Tiller and Above Leased  
Gary Davis, et al – Surface, Oil, and Gas  
15.14 Acres                      5.0732%
  
5. Coal Mountain Mining Company, LLP (94.00 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal In Tiller and Above Leased  
Pocahontas Gas LLC – Oil and Gas  
19.69 Acres                      6.5979%
  
6. Coal Mountain Mining Company, LLP (157.00 Acre Tract 5) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal In Tiller and Above Leased  
Wayne Davis, et al – Oil and Gas  
0.88 Acres                      0.2949%
  
7. Coal Mountain Mining Company, LLP (94.00 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal In Tiller and Above Leased  
Allie Davis Clowers, et al – Oil and Gas  
23.93 Acres                      8.0186%

"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  
Buchanan No. 1 South 1 Panel SGU  
Tract Identifications**

8. Coal Mountain Mining Company, LLP (331.00 Acre Tract) – Minerals  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal In Tiller and Above Leased  
Pocahontas Gas LLC – Oil, Gas and CBM Leased  
111.36 Acres                      37.3153%
  
9. Buchanan Mining Company LLC – Coal  
Coal Mountain Mining Company, LLP (346.00 Acres Tract 29) – Oil, Gas, and CBM  
Pocahontas Gas LLC – Oil, Gas and CBM Leased  
4.10 Acres                      1.3739%
  
10. Coal Mountain Mining Company, LLP (346.00 Acre Tract 29) – Minerals  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal In Tiller and Above Leased  
Pocahontas Gas LLC – Oil, Gas and CBM Leased  
100.55 Acres                      33.6930%

"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."

**Exhibit B**  
**Buchanan No1 South 1 Panel SGU**  
**Docket #VGOB 25-0415-4304**  
**List of all Owners/Claimants**  
**(298.43 Acre Unit)**

	Acres in Unit	Interest in Unit
<b>I. <u>COAL OWNERSHIP</u></b>		
<b><u>Tract # 1, 13.42 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	13.42 acres	4.4969%
<b><u>Tract # 2 - 7.69 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	7.69 acres	2.5768%
<b><u>Tract # 3, 1.67 Acres</u></b>		
<b><i>All Coal except P-3 seam</i></b>		
(1) Gary Davis, et al	1.67 acres	0.5596%
(a) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0746%
(b) Patty Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0746%
(c) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
(d) Buford R. Davis	<i>Conveyed January 9, 2020, Instrument# 20-0023</i>	
(d.1) Ricky Davis 532 Indian Hills Drive Cedar Bluff, VA 24609	0.223 acres 2/15 of 1.67 acres	0.0746%
(e) Jacqueline Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
(f) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
(g) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	0.334 acres 1/5 of 1.67 acres	0.1119%
<b><i>P-3 Seam of Coal</i></b>		
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	1.67 acres	0.5596%
<b><u>Tract #4, 15.14 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	15.14 acres	5.0732%

**Exhibit B**  
**Buchanan No1 South 1 Panel SGU**  
**Docket #VGOB 25-0415-4304**  
**List of all Owners/Claimants**  
**(298.43 Acre Unit)**

	Acres in Unit	Interest in Unit
<b><u>Tract #5, 19.69 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	19.69 acres	6.5979%
<b><u>Tract #6, 0.88 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	0.88 acres	0.2949%
<b><u>Tract #7 - 23.93 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	23.93 acres	8.0186%
<b><u>Tract #8 - 111.36 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	111.36 acres	37.3153%
<b><u>Tract #9 - 4.10 acres</u></b>		
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	4.10 acres	1.3739%
<b><u>Tract #10 - 100.55 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	100.55 acres	33.6930%
<b>II. <u>OIL &amp; GAS OWNERSHIP</u></b>		
<b><u>Tract # 1, 13.42 Acres</u></b>		
(1) Patricia Smith Cook, et al		
(a) Mildred Ratliff Smith (DOD 1/26/2021)	13.42 acres	4.4969%
	<i>Conveyed by Deed of Gift dated 11/8/2016 and recorded 12/2/2016 by Instrument 160002211, Life Estate reserved to Mildred R. Smith</i>	
Remainder:		
(a.1) Patricia Smith Cook 728 W. Locust Street Johnson City, TN 37604	4.4733 acres 1/3 of 13.42 acres	1.4990%
(a.2) Linda Kay Ratliff Smith PO Box 192 Hurley, VA 24620	4.4733 acres 1/3 of 13.42 acres	1.4990%
(a.3) Sandra Smith Spears 69 Carefree Lane Kilmarnock, VA 22485	4.4733 acres 1/3 of 13.42 acres	1.4990%
<b><u>Tract # 2, 7.69 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	7.69 acres	2.5768%

**Exhibit B**  
**Buchanan No1 South 1 Panel SGU**  
**Docket #VGOB 25-0415-4304**  
**List of all Owners/Claimants**  
*(298.43 Acre Unit)*

	Acres in Unit	Interest in Unit
<b><u>Tract # 3, 1.67 Acres</u></b>		
(1) Gary Davis, et al	1.67 acres	0.5596%
(a) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0746%
(b) Patty Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0746%
(c) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
(d) Buford R. Davis	<i>Conveyed January 9, 2020, Instrument# 20-0023</i>	
(d.1) Ricky Davis 532 Indian Hills Drive Cedar Bluff, VA 24609	0.223 acres 2/15 of 1.67 acres	0.0746%
(e) Jacqueline Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
(f) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
(g) Ruth M. Boyd Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.334 acres 1/5 of 1.67 acres	0.1119%
(g.1) Gwenda Ligett 402 North Marshall Road Middletown, OH 45042		
(g.2) Wanda Zahn 138 Sweet Briar Drive Batavia, OH 45103		
(g.3) Candace Sue McCroy 3236 N Talbot Ave, Apt 3 Erlanger, KY 41018		
<b><u>Tract # 4, 15.14 Acres</u></b>		
(1) Gary Davis, et al	15.14 acres	5.0732%
(a) Gary Davis 1189 Point Road Raven, VA 24639	6.056 acres 2/5 of 15.14 acres	2.0293%
(b) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	3.028 acres 1/5 of 15.14 acres	1.0146%
(c) Buford R. Davis	<i>Conveyed January 9, 2020, Instrument# 20-0023</i>	
(c.1) Ricky Davis 532 Indian Hills Drive Cedar Bluff, VA 24609	3.028 acres 1/5 of 15.14 acres	1.0146%

**Exhibit B**  
**Buchanan No1 South 1 Panel SGU**  
**Docket #VGOB 25-0415-4304**  
**List of all Owners/Claimants**  
**(298.43 Acre Unit)**

	Acres in Unit	Interest in Unit
(d) Ruth M. Boyd Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	3.028 acres 1/5 of 15.14 acres	1.0146%
(d.1) Gwenda Ligett 402 North Marshall Road Middletown, OH 45042		
(d.2) Wanda Zahn 138 Sweet Briar Drive Batavia, OH 45103		
(d.3) Candace Sue McCroy 3236 N Talbot Ave, Apt 3 Erlanger, KY 41018		
<b><u>Tract # 5, 19.69 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive Canonsburg, PA 15317	19.69 acres	6.5979%
<b><u>Tract #6 - 0.88 acres</u></b>		
<i>Note CBM ownership was adjudicated to the prevailing plaintiffs under Case no. CL 11-0497-00 The Corrected Final Order was executed September 29, 2011 and plaintiffs were awarded 100% of the Coalbed Methane Gas underlying this tract.</i>		
(1) Loya Edgar Davis Compton Heirs, Devisees, Successors or Assigns <i>(6 Acre Tract)</i>	0.88 acres	0.2949%
(a) Allie I. Davis Clowers 150 County Road 161 Riceville, TN 37370	0.110 acres 1/8 of 0.88 acres	0.0369%
(b) Buford Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.110 acres 1/8 of 0.88 acres	0.0369%
(c) Billy D. Davis Heirs, Devisees, Successors or Assigns		
(c.1) Billy Michael Davis 1839 W. Market Street Smithfield, NC 27577	0.055 acres 1/16 of 0.88 acres	0.0184%
(c.2) Lisa Diane Davis 1839 W. Market Street Smithfield, NC 27577	0.055 acres 1/16 of 0.88 acres	0.0184%
(d) Joe Darrell Davis 1752 Sandy Gap Rd. Raven, VA 24639	0.110 acres 1/8 of 0.88 acres	0.0369%
(e) Bobby Davis 101 Able Road Cedar Bluff, VA 24609	0.110 acres 1/8 of 0.88 acres	0.0369%
(f) Gary Davis 1189 Point Road Raven, VA 24639	0.110 acres 1/8 of 0.88 acres	0.0369%
(g) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.110 acres 1/8 of 0.88 acres	0.0369%

**Exhibit B**  
**Buchanan No1 South 1 Panel SGU**  
**Docket #VGOB 25-0415-4304**  
**List of all Owners/Claimants**  
**(298.43 Acre Unit)**

	Acres in Unit	Interest in Unit
(h) Jimmy A. Davis Heirs, Devisees, Successors or Assigns		
(h.1) Dorothy Davis, Sandy Barnette, Mark Davis, and Jimmy Davis, Jr. <i>Conveyed to (h.2) as tenants in entirety with right of survivorship, Instrument# 100001037 dated 4/20/2010</i>		
(h.2) Larry Wayne & Jackie Davis, TE PO Box 183 Pounding Mill, VA 24637	0.110 acres 1/8 of 0.88 acres	0.0369%
<b><u>Tract #7 - 23.93 acres</u></b>		
<i>Note CBM ownership was adjudicated to the prevailing plaintiffs under Case no. CL 11-0497-00 The Corrected Final Order was executed September 29, 2011 and plaintiffs were awarded 100% of the Coalbed Methane Gas underlying this tract.</i>		
<b>(1)</b> Loya Edgar Davis Compton Heirs, Devisees, Successors or Assigns <i>(71.75 acre tract)</i>	23.93 acres	8.0186%
(a) Allie Davis Clowers 150 County Road 161 Riceville, TN 37370	2.991 acres 1/8 of 23.93 acres	1.0023%
(b) Buford Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	2.991 acres 1/8 of 23.93 acres	1.0023%
(c) Billy D. Davis Heirs, Devisees, Successors or Assigns		
(c.1) Billy Michael Davis 1839 W. Market Street Smithfield, NC 27577	1.496 acres 1/16 of 23.93 acres	0.5012%
(c.2) Lisa Diane Davis 1839 W Market Street Smithfield, NC 27577	1.496 acres 1/16 of 23.93 acres	0.5012%
(d) Joe Darrell Davis 1752 Sandy Gap Rd. Raven, VA 24639	2.991 acres 1/8 of 23.93 acres	1.0023%
(e) Bobby Davis 101 Able Road Cedar Bluff, VA 24609	2.991 acres 1/8 of 23.93 acres	1.0023%
(f) Gary Davis 1189 Point Road Raven, VA 24639	2.991 acres 1/8 of 23.93 acres	1.0023%
(g) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	2.991 acres 1/8 of 23.93 acres	1.0023%
(h) Jimmy A. Davis Heirs, Devisees, Successors or Assigns		
(h.1) Dorothy Davis, Sandy Barnette, Mark Davis, and Jimmy Davis, Jr. <i>Conveyed to (h.2) as tenants in entirety with right of survivorship, Instrument# 100001037 dated 4/20/2010</i>		
(h.2) Larry Wayne and Jacqueline Davis, TE PO Box 183 Pounding Mill, VA 24637	2.991 acres 1/8 of 23.93 acres	1.0023%

Exhibit B  
Buchanan No1 South 1 Panel SGU  
Docket #VGOB 25-0415-4304  
List of all Owners/Claimants  
(298.43 Acre Unit)

	Acres in Unit	Interest in Unit
<b><u>Tract #8 - 111.36 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	111.36 acres	37.3153%
<b><u>Tract #9 - 4.10 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	4.10 acres	1.3739%
<b><u>Tract #10 - 100.55 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	100.55 acres	33.6930%

Exhibit B3  
 Buchanan No1 South 1 Panel SGU  
 Docket #VGOB 25-0415-4304  
 List of all Unleased Owners/Claimants  
 (298.43 Acre Unit)

	Acres in Unit	Interest in Unit
<b>II. OIL &amp; GAS OWNERSHIP</b>		
<b><u>Tract # 3, 1.67 Acres</u></b>		
(1) Gary Davis, et al	1.67 acres	0.5596%
(a) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0746%
(b) Patty Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0746%
(c) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
(d) Buford R. Davis	<i>Conveyed January 9, 2020, Instrument# 20-0023</i>	
(d.1) Ricky Davis 532 Indian Hills Drive Cedar Bluff, VA 24609	0.223 acres 2/15 of 1.67 acres	0.0746%
(e) Jacqueline Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
(f) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0746%
<b>Total Tract Acres</b>	1.3360	
<b>Total Tract Percentage</b>	0.4477%	
<b><u>Tract # 4, 15.14 Acres</u></b>		
(1) Gary Davis, et al	15.14 acres	5.0732%
(a) Gary Davis 1189 Point Road Raven, VA 24639	6.056 acres 2/5 of 15.14 acres	2.0293%
(b) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	3.028 acres 1/5 of 15.14 acres	1.0146%
(c) Buford R. Davis	<i>Conveyed January 9, 2020, Instrument# 20-0023</i>	
(c.1) Ricky Davis 532 Indian Hills Drive Cedar Bluff, VA 24609	3.028 acres 1/5 of 15.14 acres	1.0146%
<b>Total Tract Acres</b>	12.1120	
<b>Total Tract Percentage</b>	4.0586%	
<b><u>Tract #6 - 0.88 acres</u></b>		

*Note. CBM ownership was adjudicated to the prevailing plaintiffs under Case no. CL 11-0497-00  
 The Corrected Final Order was executed September 29, 2011 and plaintiffs were awarded 100% of the  
 Coalbed Methane Gas underlying this tract.*

**Exhibit B3**  
**Buchanan No1 South 1 Panel SGU**  
**Docket #VGOB 25-0415-4304**  
**List of all Unleased Owners/Claimants**  
**(298.43 Acre Unit)**

	Acres in Unit	Interest in Unit
<b>(1)</b> Loya Edgar Davis Compton Heirs, Devisees, Successors or Assigns <i>(6 Acre Tract)</i>	0.88 acres	0.2949%
(a) Allie I. Davis Clowers 150 County Road 161 Riceville, TN 37370	0.110 acres 1/8 of 0.88 acres	0.0369%
(b) Buford Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.110 acres 1/8 of 0.88 acres	0.0369%
(c) Billy D. Davis Heirs, Devisees, Successors or Assigns		
(c.1) Billy Michael Davis 1839 W. Market Street Smithfield, NC 27577	0.055 acres 1/16 of 0.88 acres	0.0184%
(c.2) Lisa Diane Davis 1839 W. Market Street Smithfield, NC 27577	0.055 acres 1/16 of 0.88 acres	0.0184%
(d) Joe Darrell Davis 1752 Sandy Gap Rd. Raven, VA 24639	0.110 acres 1/8 of 0.88 acres	0.0369%
(e) Bobby Davis 101 Able Road Cedar Bluff, VA 24609	0.110 acres 1/8 of 0.88 acres	0.0369%
(f) Gary Davis 1189 Point Road Raven, VA 24639	0.110 acres 1/8 of 0.88 acres	0.0369%
(g) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.110 acres 1/8 of 0.88 acres	0.0369%
(h) Jimmy A. Davis Heirs, Devisees, Successors or Assigns		
(h.1) Dorothy Davis, Sandy Barnette, Mark Davis, and Jimmy Davis, Jr. <i>Conveyed to (h.2) as tenants in entirety with right of survivorship, Instrument# 100001037 dated 4/20/2010</i>		
(h.2) Larry Wayne & Jackie Davis, TE PO Box 183 Pounding Mill, VA 24637	0.110 acres 1/8 of 0.88 acres	0.0369%
<b>Total Tract Acres</b>	0.8800	
<b>Total Tract Percentage</b>	0.2949%	

**Tract #7 - 23.93 acres**

*Note. CBM ownership was adjudicated to the prevailing plaintiffs under Case no. CL 11-0497-00  
The Corrected Final Order was executed September 29, 2011 and plaintiffs were awarded 100% of the Coalbed Methane Gas underlying this tract.*

<b>(1)</b> Loya Edgar Davis Compton Heirs, Devisees, Successors or Assigns <i>(71.75 acre tract)</i>	23.93 acres	8.0186%
(a) Allie Davis Clowers 150 County Road 161 Riceville, TN 37370	2.991 acres 1/8 of 23.93 acres	1.0023%

**Exhibit B3**  
**Buchanan No1 South 1 Panel SGU**  
**Docket #VGOB 25-0415-4304**  
**List of all Unleased Owners/Claimants**  
**(298.43 Acre Unit)**

	Acres in Unit	Interest in Unit
(b) Buford Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	2.991 acres 1/8 of 23.93 acres	1.0023%
(c) Billy D. Davis Heirs, Devisees, Successors or Assigns		
(c.1) Billy Michael Davis 1839 W. Market Street Smithfield, NC 27577	1.496 acres 1/16 of 23.93 acres	0.5012%
(c.2) Lisa Diane Davis 1839 W Market Street Smithfield, NC 27577	1.496 acres 1/16 of 23.93 acres	0.5012%
(d) Joe Darrell Davis 1752 Sandy Gap Rd. Raven, VA 24639		
(e) Bobby Davis 101 Able Road Cedar Bluff, VA 24609	2.991 acres 1/8 of 23.93 acres	1.0023%
(f) Gary Davis 1189 Point Road Raven, VA 24639	2.991 acres 1/8 of 23.93 acres	1.0023%
(g) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	2.991 acres 1/8 of 23.93 acres	1.0023%
(h) Jimmy A. Davis Heirs, Devisees, Successors or Assigns		
(h.1) Dorothy Davis, Sandy Barnette, Mark Davis, and Jimmy Davis, Jr. <i>Conveyed to (h.2) as tenants in entirety with right of survivorship, Instrument# 100001037 dated 4/20/2010</i>		
(h.2) Larry Wayne and Jacqueline Davis, TE PO Box 183 Pounding Mill, VA 24637	2.991 acres 1/8 of 23.93 acres	1.0023%

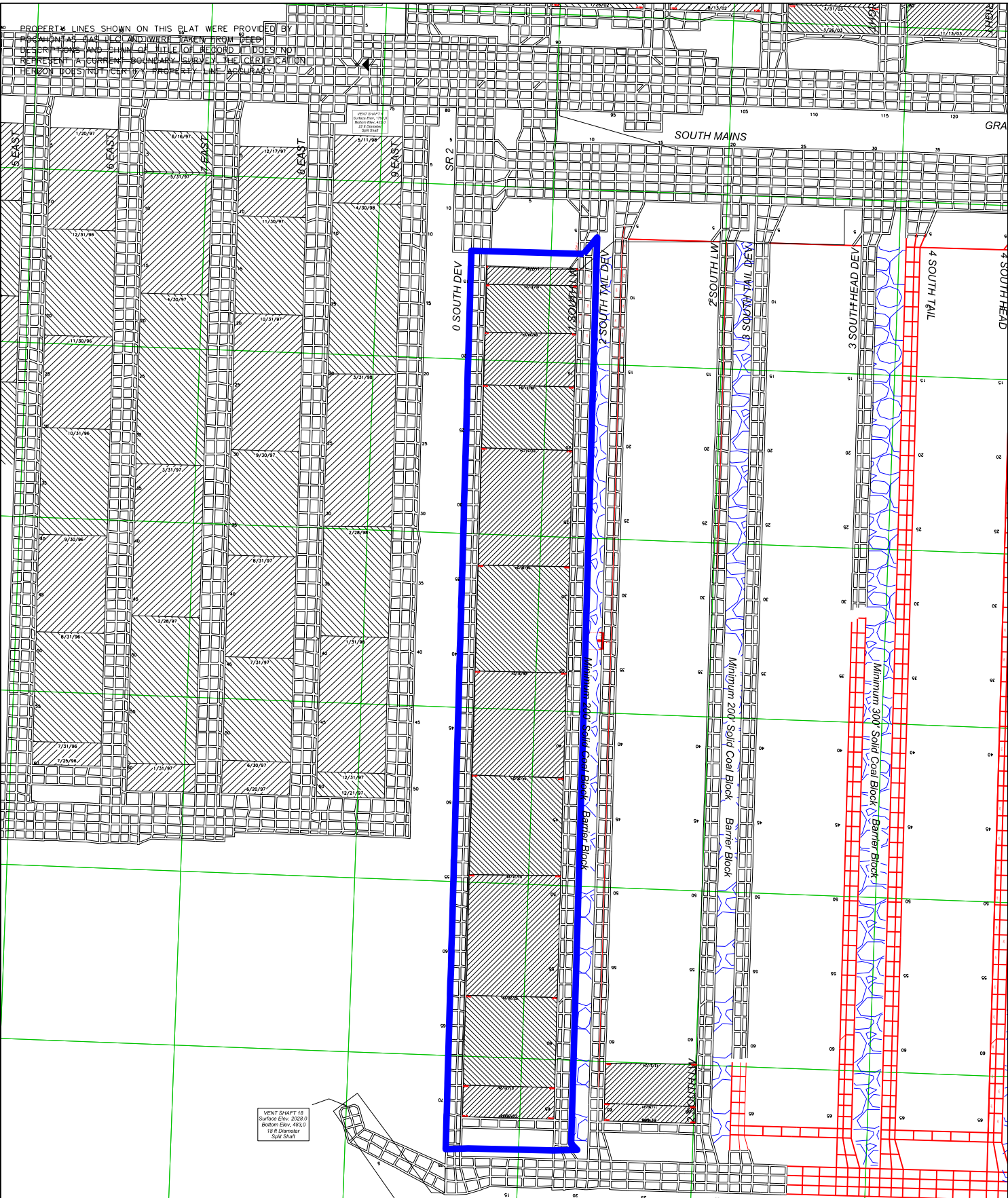
<b>Total Tract Acres</b>	23.9300
<b>Total Tract Percentage</b>	8.0186%

**TOTAL UNLEASED OIL & GAS ESTATE**

<i>Total Acres</i>	38.2580
<i>Total Percentage</i>	12.8198%

Completion Name	Property #	Property Name	AFE	Cost
AA32B	VA027-1339	1 SOUTH PANEL	730046	\$ 690,368.10
AA32C	VA027-1339	1 SOUTH PANEL	730045	\$ 478,435.74
AA33J	VA027-1339	1 SOUTH PANEL	730048	\$ 559,935.50
AA33K	VA027-1339	1 SOUTH PANEL	730042	\$ 601,927.99
BB32B	VA027-1339	1 SOUTH PANEL	730012	\$ 688,346.67
BB32D	VA027-1339	1 SOUTH PANEL	730010	\$ 725,090.65
BB32E	VA027-1339	1 SOUTH PANEL	730021	\$ 637,848.19
BB32F	VA027-1339	1 SOUTH PANEL	730210	\$ 554,513.30
BB32G	VA027-1339	1 SOUTH PANEL	730220	\$ 524,467.34
CC32B	VA027-1339	1 SOUTH PANEL	730050	\$ 571,342.56
CC32C	VA027-1339	1 SOUTH PANEL	730027	\$ 632,154.37
CC32D	VA027-1339	1 SOUTH PANEL	730201	\$ 527,730.69
Y33E	VA027-1339	1 SOUTH PANEL	730034	\$ 406,514.23
Y33H	VA027-1339	1 SOUTH PANEL	660000	\$ 470,890.38
Y33I	VA027-1339	1 SOUTH PANEL	730043	\$ 527,528.08
Z32A	VA027-1339	1 SOUTH PANEL	730052	\$ 487,847.03
Z32B	VA027-1339	1 SOUTH PANEL	730036	\$ 491,565.28
Z32C	VA027-1339	1 SOUTH PANEL	730120	\$ 560,626.19
Z33I	VA027-1339	1 SOUTH PANEL	730037	\$ 513,201.31
				\$ 10,650,333.60 Total
				\$ -
				\$ 560,543.87 Average

PROPERTY LINES SHOWN ON THIS PLAT WERE PROVIDED BY POSSESSIONAL DATA AND WERE TAKEN FROM RECORDED DESCRIPTIONS AND EITHER OF TITLE OR RECORD. IT DOES NOT REPRESENT A CURRENT BOUNDARY SURVEY. THE CERTIFICATION HEREON DOES NOT CERTIFY PROPERTY LINE ACCURACY.

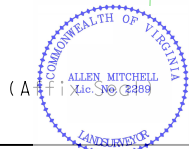


VENT SHAFT 18  
Surface Elev. 2028.0  
Bottom Elev. 453.0  
18" Diameter  
Spot Shaft

**BUCHANAN NO. 1**  
**SOUTH 1 PANEL SGU**  
VGB 25-0415-4304

DRAWN BY: PD	DATE: MARCH 7, 2025
SCALE: N.T.S.	EXHIBIT A-2

VIRGINIA STATE PLANE NAD83 SOUTH ZONE



Licensed Professional Surveyor

Exhibit D  
 Buchanan No1 South 1 Panel SGU  
 Docket #VGOB 25-0415-4304  
 List of Leased Owners/Claimants being Voluntarily Pooled  
 (298.43 Acre Unit)

	Acres in Unit	Interest in Unit
<b>II. OIL &amp; GAS OWNERSHIP</b>		
<b><u>Tract # 1, 13.42Acres</u></b>		
(1) Patricia Smith Cook, et al		
(a) Mildred Ratliff Smith (DOD 1/26/2021) <i>Conveyed by Deed of Gift dated 11/8/2016 and recorded 12/2/2016 by Instrument 160002211, Life Estate reserved to Mildred R. Smith</i>	13.42 acres	4.4969%
Remainder:		
(a.1) Patricia Smith Cook 728 W. Locust Street Johnson City, TN 37604	4.4733 acres 1/3 of 13.42 acres	1.4990%
(a.2) Linda Kay Ratliff Smith PO Box 192 Hurley, VA 24620	4.4733 acres 1/3 of 13.42 acres	1.4990%
(a.3) Sandra Smith Spears 69 Carefree Lane Kilmarnock, VA 22485	4.4733 acres 1/3 of 13.42 acres	1.4990%
<b><u>Tract # 2, 7.69 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	7.69 acres	2.5768%
<b><u>Tract # 3, 1.67 Acres</u></b>		
(1) Gary Davis, et al	1.67 acres	0.5596%
(g) Ruth M. Boyd Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.334 acres 1/5 of 1.67 acres	0.1119%
(g.1) Gwenda Ligett 402 North Marshall Road Middletown, OH 45042		
(g.2) Wanda Zahn 138 Sweet Briar Drive Batavia, OH 45103		
(g.3) Candace Sue McCroy 3236 N Talbot Ave, Apt 3 Erlanger, KY 41018		
	<b>Total Tract Acres</b>	0.3340
	<b>Total Tract Percentage</b>	0.1119%
<b><u>Tract # 4, 15.14 Acres</u></b>		
(1) Gary Davis, et al	15.14 acres	5.0732%
(d) Ruth M. Boyd Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	3.028 acres 1/5 of 15.14 acres	1.0146%
(d.1) Gwenda Ligett 402 North Marshall Road Middletown, OH 45042		

**Exhibit D**  
**Buchanan No1 South 1 Panel SGU**  
**Docket #VGOB 25-0415-4304**  
**List of Leased Owners/Claimants being Voluntarily Pooled**  
**(298.43 Acre Unit)**

	Acres in Unit	Interest in Unit
(d.2) Wanda Zahn 138 Sweet Briar Drive Batavia, OH 45103		
(d.3) Candace Sue McCroy 3236 N Talbot Ave, Apt 3 Erlanger, KY 41018		
<b>Total Tract Acres</b>	3.0280	
<b>Total Tract Percentage</b>	1.0146%	
<b><u>Tract # 5, 19.69 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive Canonsburg, PA 15317	19.69 acres	6.5979%
<b><u>Tract #8 - 111.36 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	111.36 acres	37.3153%
<b><u>Tract #9 - 4.10 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	4.10 acres	1.3739%
<b><u>Tract #10 -100.55 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	100.55 acres	33.6930%
<b><u>TOTAL LEASED OIL &amp; GAS ESTATE</u></b>		
<i>Total Acres</i>		260.1720
<i>Total Percentage</i>		87.1802%

# EXHIBIT I

## Buchanan No. 1 South 1 Panel SGU

<u>UNIT</u>	<u>APPLICATION TYPE</u>	<u>DOCKET NO</u>
X32	Pooling	VGOB 22-0621-4246
Y32	Pooling	VGOB 97-0318-0573
	Revised S.O. (Disbursement)	VGOB 97-0318-0573-01
	Re-Pooling	VGOB 97-0318-0573-02
Y33	Pooling	VGOB 95-1024-0524
	Revised S.O. (Disbursement)	VGOB 95-1024-0524-01
	Re-Pooling	VGOB 95-1024-0524-012
BB33	Pooling	VGOB 04-0817-1318
	Revised S.O. (Disbursement)	VGOB 04-0817-1318-01
	Re-Pooling	VGOB 04-0817-1318-02

**ESTIMATE OF ALLOWABLE COSTS**  
**Buchanan No.1 South 1 Panel Sealed Gob Unit**

	<b>AVG. ACTUAL COST PER WELL</b>	<b>SUBTOTAL</b>
3 GOB WELLS PER PANEL	\$560,543.87	\$1,681,631.61
COST OF SEALING PANELS - \$650,000 @ 50% <i>(as approved by the VGOB on 3/18/2014)</i> <i>13 seals @ \$50,000 each (provided by Coronado)</i>		\$325,000.00
<b>TOTAL COST =</b>		<b>\$2,006,631.61</b>

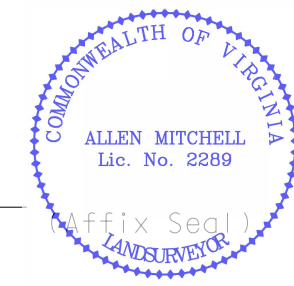
*\*\*Average well cost figures were calculated utilizing actual well costs for producing gob wells drilled in 1 South panel and dividing by total wells drilled in 1 South panel*

<b>Actual Well Costs 1 South Panel</b>	<b>Cost</b>
AA32B	\$690,368.10
AA32C	\$478,435.74
AA33J	\$559,935.50
AA33K	\$601,927.99
BB32B	\$688,346.67
BB32D	\$725,090.65
BB32E	\$637,848.19
BB32F	\$554,513.30
BB32G	\$524,467.34
CC32B	\$571,342.56
CC32C	\$632,154.37
CC32D	\$527,730.69
Y33E	\$406,514.23
Y33H	\$470,890.38
Y33I	\$527,528.08
Z32A	\$487,847.03
Z32B	\$491,565.28
Z32C	\$560,626.19
Z33I	\$513,201.31
<b>Total</b>	<b>\$10,650,333.60</b>
<b>Average</b>	<b>\$560,543.87</b>

BUCHANAN NO. 1 SGU  
SOUTH 1 PANEL  
298.43 ACRE TRACT

VENT SHAFT 18  
VGOB 23-1121-4277

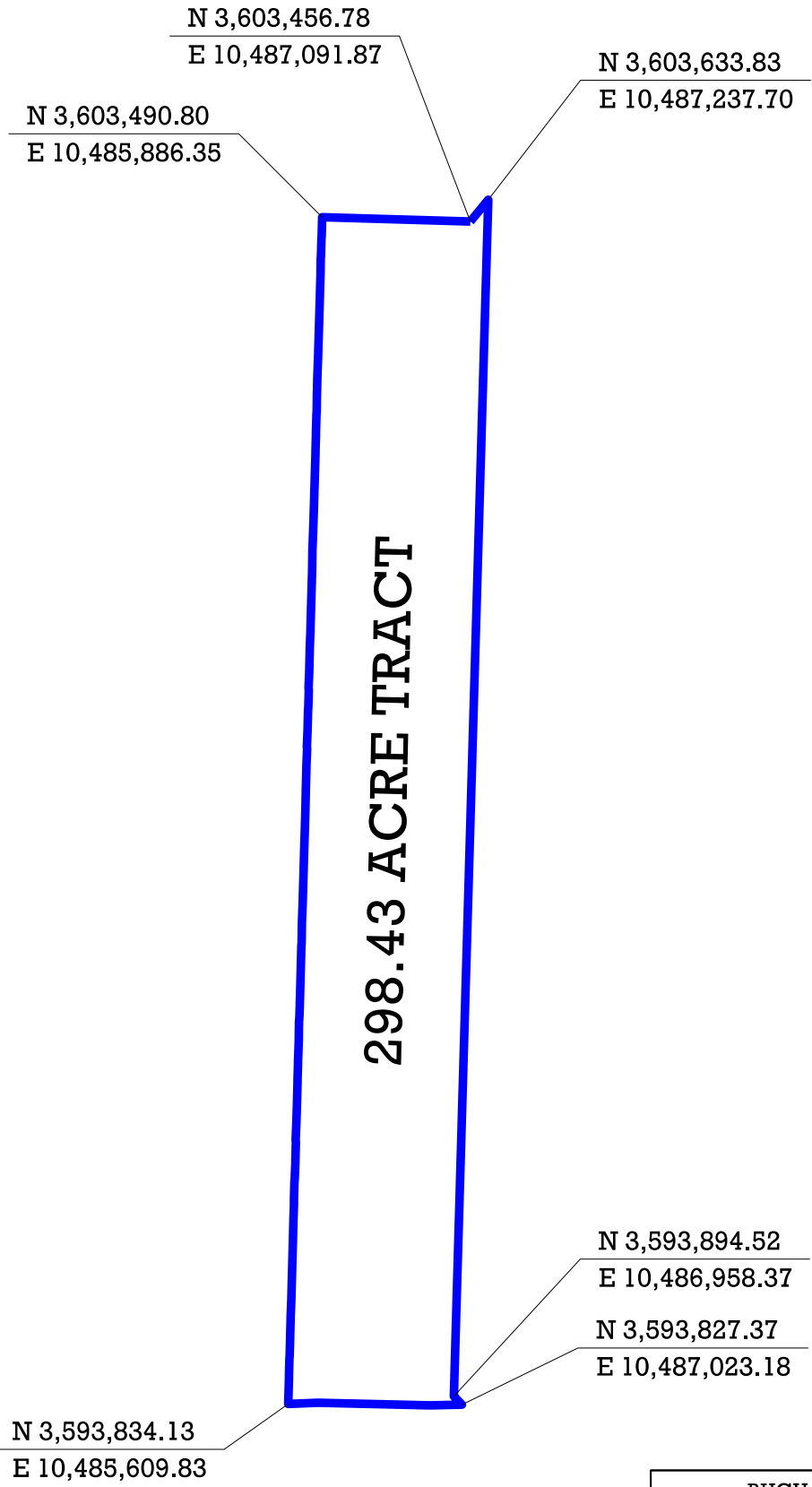
VS18



\_\_\_\_\_  
Licensed Professional Surveyor

<b>BUCHANAN NO. 1 SOUTH 1 PANEL SGU</b> VGOB 25-0415-4304	
DRAWN BY: PD	DATE: MARCH 7, 2025
SCALE: N.T.S.	EXHIBIT A-4
VIRGINIA STATE PLANE NAD83 SOUTH ZONE	





298.43 ACRE TRACT

N 3,603,456.78  
E 10,487,091.87

N 3,603,633.83  
E 10,487,237.70

N 3,603,490.80  
E 10,485,886.35

N 3,593,894.52  
E 10,486,958.37

N 3,593,827.37  
E 10,487,023.18

N 3,593,834.13  
E 10,485,609.83

**BUCHANAN NO. 1**  
**SOUTH 1 PANEL SGU**  
VGOB 25-0415-4304

DRAWN BY: PD	DATE: MARCH 7, 2025
SCALE: N.T.S.	EXHIBIT A-3
VIRGINIA STATE PLANE NAD83 SOUTH ZONE	



Licensed Professional Surveyor

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 DOES NOT CERTIFY PROPERTY LINE ACCURACY.

32

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X

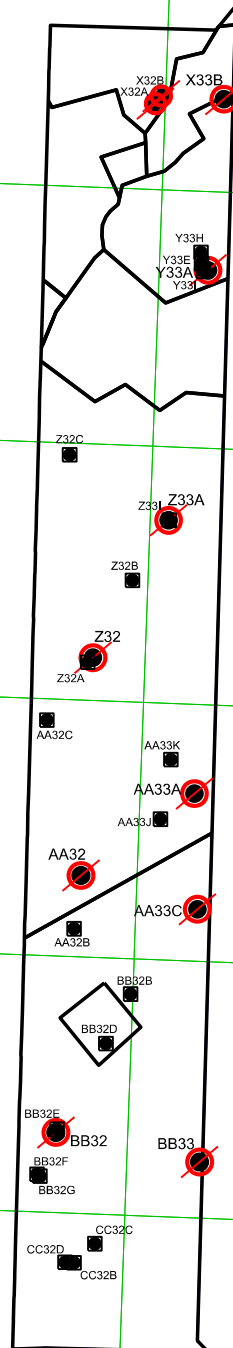
Y

Z






AA

BB

CC



298.43 TOTAL ACRES

-  EXISTING FRAC WELL
-  EXISTING FRAC WELL (PLUGGED)
-  EXISTING FRAC WELL (BOTTOM HOLE PLUGGED)
-  EXISTING GOB WELL
-  EXISTING GOB WELL (PLUGGED)

**BUCHANAN NO. 1  
 SOUTH 1 PANEL SGU**  
 VGOB 25-0415-4304

DRAWN BY: PD      DATE: MARCH 7, 2025

SCALE: N.T.S.      EXHIBIT AA

VIRGINIA STATE PLANE NAD83 SOUTH ZONE



Licensed Professional Surveyor

V I R G I N I A:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: **Pocahontas Gas LLC** ) VIRGINIA GAS  
) AND OIL BOARD

RELIEF SOUGHT: (1) ESTABLISHMENT OF THE )  
**BUCHANAN NO.1 SOUTH 1 PANEL SGU** )  
**298.43** SEALED GOB PRODUCTION )  
UNIT DEPICTED IN **EXHIBIT AA** HERETO ) DOCKET NO.  
(herein "Subject Unit") ) **VGOB-25-0415-4304**  
PURSUANT TO VA. CODE § 45.2-1619; )  
(2) DESIGNATE THE APPLICANT )  
AS THE UNIT OPERATOR FOR THE )  
SUBJECT UNIT; (3) AUTHORIZE )  
OPERATOR TO PERMIT, PRODUCE AND )  
MARKET COALBED METHANE )  
) )  
LEGAL DESCRIPTION: ) )  
) )  
SUBJECT UNIT AS DEPICTED ON **EXHIBIT AA** )  
HERETO AND MORE SPECIFICALLY DESCRIBED IN )  
**PARAGRAPH 6.1, BELOW ("Subject Lands"):** )  
**KEEN MOUNTAIN QUADRANGLE(S),** )  
**GARDEN MAGISTERIAL DISTRICT** )  
**BUCHANAN COUNTY, VIRGINIA** )

REPORT OF THE BOARD

FINDINGS AND ORDER

1. Hearing Date and Place: This matter came for hearing before the Virginia Gas and Oil board (hereafter "Board") at 10:00 a.m. on **April 15, 2025** at at Virginia Energy 3405 Mountain Empire Road, Big Stone Gap, Virginia and was approved.
2. Appearances: **Mark Swartz, Esq,** appeared for the Applicant. Jessica Cooper of the Office of Attorney General was present to advise the Board.
3. Jurisdiction and Notice: Pursuant to Va. Code §§45.2-1600 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 in all Pennsylvania-aged coals below the Tiller Seam, including the Upper Seaboard, Greasy Creek, Middle Seaboard, Lower Seaboard, Upper Horsepen, Middle Horsepen, War Creek, Lower Horsepen, Pocahontas No. 9, Pocahontas No. 8, Pocahontas No. 7, Pocahontas No. 6, Pocahontas No. 5, Pocahontas No. 4, Pocahontas No. 3, Pocahontas No. 2 and various unnamed coal seams, coalbeds and rock strata associated therewith (hereafter "Subject Formations") in the Subject 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 §§ 45.2-1618 and 45.2-1622, 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 Unit who have not heretofore agreed to lease or sell to the Applicant and/or voluntarily pool their Gas interests. There are **NO** conflicting Gas Owners/Claimants in Subject Unit. Further, the Board has caused notice of this hearing to be published as required by Va. Code § 45.2-1618.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:

6.1 Applicant requests creation of a sealed gob production unit consisting of **298.43** acres for the development and production of coalbed methane gas from the sealed gob (including all formations listed in Paragraph 3, above, that are or can be reasonably assumed to be in communication with the gob as defined in § 45.2-1600, sometimes referred to herein as the "Subject Formations"), which drilling unit is depicted in Exhibit "AA" annexed hereto and is further described as follows:

Beginning at a point, Virginia State Plane NAD 83 coordinate of N: 3593834.13 E: 10485609.83 (southwest corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence S 89°43'34" E 1413.36 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3593827.37 E: 10487023.18 (southeast corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence N 43°58'55" W 93.33 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3593894.52 E: 10486958.37; thence N: 01°38'34" E 9743.31 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3603633.83 E: 10487237.70 (northeast corner of Buchanan Mine #1 Sealed Gob Unit South 1 Panel); thence N 39°28'40" W 229.37 feet to a point, Virginia State Plane NAD 83 coordinate of N: 3603456.78 E: 10487091.87; thence N 88°23'00" W 1206.00 feet a point of beginning, containing +/- **298.43** acres.

6.2 Applicant requests that the Board designate **Pocahontas Gas LLC** as the Unit Operator.

6.3 Applicant request that the Board authorize it to permit, produce and operate coalbed methane wells in the Unit and market and sell the Gas therefrom.

7. Relief Granted: The requested relief in this cause shall be and hereby is granted and:

7.1 The Board establishes and creates the Buchanan No.1SGU7 unit for the production of sealed gob gas (including all formations listed in Paragraph 3, above, that are or can be reasonably assumed to be in communication with the gob as defined in § 45.2-1600, sometimes referred to herein as the "Subject Formations") underlying and comprised of Subject Lands.

7.2 Unit Operator is hereby authorized to permit and convert existing holes or drill new coalbed wells, and to operate the wells for the purpose of producing coalbed methane gob gas from sealed gob unit **Buchanan No.1 South 1**

**Panel SGU.**

7.3 Pursuant to Va. Code § 45.2-1620.C.3, **Pocahontas Gas LLC** (hereafter "Unit Operator" or "Operator") is designated as the Unit Operator authorized to convert existing holes or drill and operate new Wells in Subject Unit subject to the permit provisions contained in Va. Code § 45.2-1629, 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; all as amended from time to time; and

7.4 The Board hereby adopts the following method for the calculation of production and revenue and allocation of allowable costs for the production Gob Gas:

For Gob Gas. Gas shall be produced from and allocated to, and costs for participants shall be allocated to, only the **298.43**-acre **Buchanan No.1 South 1 Panel SGU** production unit 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 Unit, when platted on the surface, bears to the total mineral acreage, when platted on the surface, contained within the entire **298.43**-acre production unit.

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 or wells located in the Subject 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 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 development and operation in the Subject 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 development and operation in the Subject 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 Unit are as follows:

Completed-for-Production Costs: **\$2,006,631.61**

Gas owners 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 development and operation in Subject 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 within the Subject Unit, commencing upon entry of this Order and continuing annually until commencement of production from Subject 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 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 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 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 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 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 development and operation in Subject Unit on a carried basis (as a "Carried 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 Unit. Such Carried Operator's rights, interests, and claims in and to the Gas in Subject Unit shall be deemed and hereby are assigned to the Unit Operator until the proceeds from the sale of such Carried Operator's share of production from Subject 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 Operator's share of the Completed-for-Production Costs allocable to the interest of such Carried 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 Operator shall automatically revert back to such Carried Operator, and from and after such reversion, such Carried 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 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 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 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 development and operation in Subject 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 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 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 development and operation in Subject 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 development and operation in Subject 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 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): **Pocahontas Gas LLC** shall be and hereby is designated as Unit Operator authorized to convert and/or drill and operate the Well(s) in Subject Formations in Subject Unit, all subject to the permit provisions contained in Va. Code §§ 45.2-1629 et seq.; §§ 4 VAC 25-150 et seq., Gas and Oil Regulations; §§ 4 VAC 25-160 et seq., Virginia Gas and Oil Board Regulations; 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: Kelli Berry**

14. Commencement of Operations: Unit Operator shall commence or cause to commence operations for gas production within Subject 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 Unit to the extent that costs incurred in the drilling or operation on the Subject 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 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 not unknown or unlocatable claimants in the Subject Unit whose payments are subject to the provisions of Paragraph 16; and, the Unit Operator has represented to the Board that there **ARE NO** conflicting ownership claimants in the Subject 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 Unit (herein "Escrow Account"), 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  
PO Box 1008  
Abingdon, VA 24212  
Attn: Jody Maney**

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 § 45.2-1620.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 § 45.2-1620.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 §§ 45.2-

1622.B.2, 45.2-1622.B.3 and 45.2-1622.B.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 **Pocahontas Gas LLC**. Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;

17.2. Applicant **Pocahontas Gas LLC** has consented to serve as Coalbed Methane Gas Unit Operator for Subject Unit and to faithfully discharge the duties imposed upon it as Unit Operator by statute and regulations;

17.3. Applicant **Pocahontas Gas LLC** is an operator in the Commonwealth of Virginia, and has satisfied the Board's requirements for operations in Virginia;

17.4 Applicant **Pocahontas Gas LLC** claims ownership of gas leases, Coalbed Methane Gas leases, and/or coal leases representing **87.1802** 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 Unit; and, Applicant claims the right to explore for, develop and produce Coalbed Methane Gas from Subject Formations in Subject Unit in **Buchanan County**, Virginia, which Subject Lands are more particularly described in **Exhibit AA**;

17.5. The estimated total production from Subject Unit is **2.5 - 12 BCF**;

17.6 The Board Order entered in Docket No. VGOB 23-1121-4277 pertaining to the BUCHANAN NO.1 VS-18 Unit pooled all the rights, interests and estates in and to the Gas in the Subject 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, operation, production, marketing and sale of Coalbed Methane Gas produced from the VS-16 Unit. That Board Order afforded the Respondents election options to participate regarding the processing of coalbed methane gas in mine ventilation air.

17.7 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 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 Unit for its development. The interests of the Respondents listed in **Exhibit B-3** comprise **12.8198** 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 Unit;

17.8 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;

17.9 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 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** to 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 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. § 45.2-1625 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.