

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: POCAHONTAS GAS LLC

DIVISION OF GAS AND OIL  
DOCKET NO: VGOB 23-1121-4277

RELIEF SOUGHT: Create and pool coalbed methane unit

LOCATION: See exhibits A and A-2

HEARING DATE: June 18, 2024

UNIT NUMBER: Buchanan No. 1—VS18

IN BUCHANAN/TAZEWELL/RUSSELL COUNTY(S), VIRGINIA

APPLICATION

1. **Parties:** Applicant is Pocahontas Gas LLC, 128 Glenwood Street, Cedar Bluff, Virginia 24609. Applicant's counsel is Mark A. Swartz, Hilliard & Swartz LLP, 124 Capitol Street, Suite 201, Charleston, West Virginia 25301.

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 unit sought to be created and pooled herein. 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 is a Virginia limited liability company duly authorized and qualified to do business in the Commonwealth of Virginia. Applicant is an operator in the Commonwealth of Virginia and had satisfied the requirements to, without limitation, produce coalbed gas.

b. 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") from 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 unit sought to be created and pooled hereby. Applicant attests to the fact that it believes said map conforms to existing orders issued by the Board.

c. On Exhibits "A", "B", the Tract Identification Page, "B-3" and "E" Applicant has shown 1) the percentage of ownership in the unit of each acreage (tract) being pooled, 2) the status of ownership of each acreage (tract) being pooled (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, and 3) the approximate percentage of interest in the unit to be escrowed, if any, under Va. Code Ann. § 45.2-1620.D. for each unidentifiable owner or claimant, if any.

d. The Virginia Gas and Oil Board (hereinafter "Board") heretofore has established 80-acre 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. See Exhibit "A-3" annexed hereto. However, said Field Rules and Orders do not apply to the production of coalbed methane gas by ventilation air exiting the Buchanan No. 1 coal mine via Vent Shaft 18. The production and marketing of coalbed methane gas from active mining areas by ventilation shaft/exhaust fan air is contemplated by this application. Annexed hereto as Exhibit "F" is a schedule of the Board's prior Orders affecting the Subject Lands, or portions thereof. The relief sought by this Application does not affect the Orders identified in Exhibit "F".

e. Applicant intends to submit, or cause to be submitted, a well work permit application to allow the installation of surface facilities and surface equipment at/adjacent to Vent Shaft 18 serving the Buchanan No. 1 coal mine.

f. The Applicant's capital contribution to the development contemplated by this Application is as set forth in Exhibit C hereto that is made part hereof as Applicant's Estimate of Allowable Costs.

g. The estimated total production from subject unit is 2.5 – 12 BCF. The estimated amount of reserves from the subject 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.

h. Applicant has exercised diligence to locate each person owning or claiming an interest in coalbed methane gas in the subject unit underlying the Subject Lands.

i. This application seeks to prevent waste, to protect correlative rights, to protect the environment by minimizing methane content in mine air released to the atmosphere, and to ensure the safe and efficient development and production of gas and oil resources in the Commonwealth. Applicant respectfully requests that the Board hear this matter and adjudicate the rights and equities as between Applicant and the herein named persons.

j. Simultaneously with filing of this application pursuant to Va. Code Ann. § 45.2-1618.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 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.*

4. **Relief Sought:** Applicant requests the Board issue an order providing as follows:

a. Creating a unit consisting of 5,019.57 +/- acres for the production of coalbed methane gas from the unit which is a component of the mine ventilation air exiting the Buchanan No. 1 coal mine via Vent Shaft 16. The proposed unit is depicted in Exhibits "A" and "A-2" annexed hereto, and the boundary of the unit is also described by the Virginia State Plane Coordinates reported on Exhibit "A-2."

b. Pooling all the interests of the Respondents named in Exhibit B-3 herein, and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the development and production of coalbed methane gas from the subject unit and the Subject Formation underlying and comprised of the Subject Lands by the means specified herein;

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. Establishing an escrow account pursuant to Va. Code Ann. §§ 45.2-1620, 45.2-1622 and 45.2-1622.B., Board Rules, and prior Orders of the Board, into which the payment of costs or proceeds attributable to interests subject to escrow shall be deposited and held for the benefit of the claimants. Applicant will submit further information regarding escrow requirements, if any, of such funds attributable to the interests identified in Exhibit E hereto as required by Board Order(s) after the election period has expired.

e. With respect to coalbed methane gas in subject 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 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.

f. 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 unit to the Applicant herein at a rate to be established by the Board.

g. Designating Pocahontas Gas LLC, as Unit Operator; providing that the operator shall have the right to produce, market and sell the coalbed methane gas in the mine ventilation air exiting the Buchanan No. 1 coal mine via Vent Shaft 18; granting the operator the right to market and sell the coalbed methane gas attributable to the claims and interests pooled herein; and 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 unit.

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 the operations contemplated by this application continue on the subject 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 resolving the appeal 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 unit, joining all the interests within the unit for the production of coalbed methane gas so that each owner in the unit will share in all production and costs, according to the terms of their respective agreements with Applicant and/or its predecessors and/or successors in interest, if any, and/or the elections made or deemed to have been made regarding the proposed 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 unit. Production from Vent Shaft 18 shall for all purposes be regarded as production from each separately owned tract within the subject unit. The portion of production produced from and attributed to the unit and any separately owned tract therein, shall be deemed for all purposes to have been actually produced from such unit and tract, and development, exploration, or production operations with respect to any portion of the 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 hereto only with regard to the creation of the unit described in Exhibit "A". Their joinder as


Respondents is necessary because the leases in question do not contemplate a unit of the size requested herein. This Application does not seek to pool leased interests in the unit on a compulsory basis, said interests are to be voluntarily pooled in the unit to be created herein. Therefore, any order entered herein need not afford leased parties, those Respondents identified at Exhibit "D", election options.

I. 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.

The undersigned certifies that the matters set forth in this application, to the best of her knowledge, information, and belief, are true and correct.

DATED: 5/15/2024

**Pocahontas Gas LLC**  
Applicant

By: 

**Sherri R. Scott**  
**Manager-Pooling, DOI, Land Records**  
128 Glenwood Street  
Cedar Bluff, VA 24609

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: POCAHONTAS GAS LLC

DIVISION OF GAS AND OIL  
DOCKET NO: VGOB 23-1121-4277

RELIEF SOUGHT:

1. Creation of unit
2. Pool Unit

LOCATION: See exhibits "A" and "A1"

UNIT NUMBER: Buchanan No. 1—VS18

IN BUCHANAN/TAZEWELL/RUSSELL COUNTY(S), VIRGINIA

HEARING DATE: June 18, 2024  
PLACE: Virginia Department 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—VS18 Unit and the lands described on Exhibit "A" to the Application, which is attached to this Notice, in 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:

*Coal Mountain Mining Company LLP; Gary Davis, et al including: Gary C. Davis, Larry Wayne Davis, Ricky Davis, Jacqueline Davis, Doris Davis, Gwenda Ligett, Wanda Zahn, and Candace Sue McCroy; Buchanan Mining Company LLC; Yukon Pocahontas Coal Company, Buchanan Coal Company, Sayers-Pocahontas Coal Company; Commonwealth of Virginia Department of Highways; Thomas P. Stilwell; McGuire Hurt Heirs Trust; Commonwealth Coal Corporation; Patricia Cook, et al including: Patricia Smith Cook, Linda Kay Ratliff Smith, and Sandra Smith Spears; Pocahontas Gas LLC; Loya Davis Compton Heirs including: Allie Davis Clowers, Billy Michael Davis, Lisa Diane Davis, Joe Darrell Davis, and Bobby Davis; Weyerhaeuser NR Company; Pocahontas Gas LLC, et al including: Johnny Dwight McGlothlin, Bernie Gene Adams, Michael Adams, Shelby Ann Finney, and Cheryl Keen Tucker; Connie Davidson; Janice L. and Jeremy W. Davis; William and Hannalore Engardio; Danny Wayne Hinkle; Russell and Anita Presley; Jadco Inc; Joel and Brenda Burke; Donald Ray Young; Patrick Counts; Grady and Pauline McGlothlin; Oris Cantrell Heirs including: Amy Mae Hess, Jamie Cantrell, Penny Falck, and Cathleen Arrington; Jimmy Lee McGlothlin; Bernard Shortt, et al including: Barney Andrew Shortt, Janet Shortt, and Roy Bernard and Linda Ruth Shortt; Walter Short, et al including: Tommy Arnold Shortt, Mervin Shortt, Linda F. Grasso, Larry Short, Jr., Tamara Beth Ham, Mickey Shortt, Vicki Hearl, Glenard Jason Shortt, Becky Harris, Dorothy Short Keene, Kenneth Wingo, Garnie Jean Thomas, Otis Herbert Shortt, Grover Cleveland Elswick, and Heather Norene Thornburg; Robert and Jackie Rose; Gary Addison, et al including: Doris Addison, Gary Addison, Warren Addison, Anna Marie Hooper, and Lucinda Wasserman; Curtis Elster Wade Heirs including: Curtis R. Wade, Barbara W. Hendrix, Susan J. Wade, Lydia R. Freund, Thelma Josie Wade, Julia W. Bechman, and Nathan Wade; Gerald K. Shortt; Rondal and Freda Wade; Jimmy and Linda Wade; Evelyn Sprinkle Brown Heirs including: Dianne Creed, William Richard Brown, and Dorothy Wallace; and Elmer and Elsie Burke.*

**NOTICE IS HEREBY GIVEN** that Applicant is requesting that the Virginia Gas and Oil Board (hereinafter "Board") issue an order creating a unit and pooling all the rights, interests, and estates of the above named persons pursuant to Virginia Code Ann. § 45.2-1600 et seq. in regard to the production of coalbed methane gas from the Buchanan No. 1—VS18 Unit containing approximately 5,019.57 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 unit consisting of **5,019.57** acres for the production of coalbed methane gas from the mine ventilation air exiting the Buchanan No. 1 Coal Mine via Vent Shaft 18 and produced from the "Subject Formation." The unit is described and depicted in Exhibits "A", "A-2" and "A-3" annexed hereto. The boundaries of the said unit are further delineated by the references to the Virginia State Plane Coordinate System set forth on Exhibit "A-2."
- b. Pooling all the interests of the Respondents named above and in Exhibit B-3 to the Application, and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the production of coalbed methane gas from the subject unit for the Subject Formation underlying and comprised of the Subject Lands;
- 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-3".
- d. With respect to coalbed methane gas in subject 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 develop and produce, market and sell coalbed methane gas from the subject unit; granting the operator the right to market and sell the coalbed methane gas from the subject unit which is attributable to the 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 unit.
- g. Making any necessary provisions for the escrow of funds pursuant to Va. Code Ann. §§ 45.2-1622


- 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 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 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) 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 unit. The portion of production produced from and attributed to the unit and any separately owned tract therein, shall be deemed for all purposes to have been actually produced from the unit and tract(s), and development or production operations with respect to any portion of the 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 hereto only with regard to the creation of the sealed gob drilling unit described in Exhibit "A". Their joinder as Respondents is necessary because the leases in question do not contemplate a drilling unit of the size requested herein. This Application does not seek to pool leased interests in the unit on a compulsory basis, said interests are to be voluntarily pooled in the unit to be created herein. Therefore, any order entered herein need not afford leased parties, the Respondents identified at Exhibit "D", election options.
- l. 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 **June 18, 2024**, at the Virginia Department of Energy, 3405 Mountain Empire Road, Room 219, 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, Virginia Department of Energy, 3405 Mountain Empire Road, Big Stone Gap, Virginia 24219, 276/523-8100 or the Applicant at the address shown below.

DATED: May 15, 2024

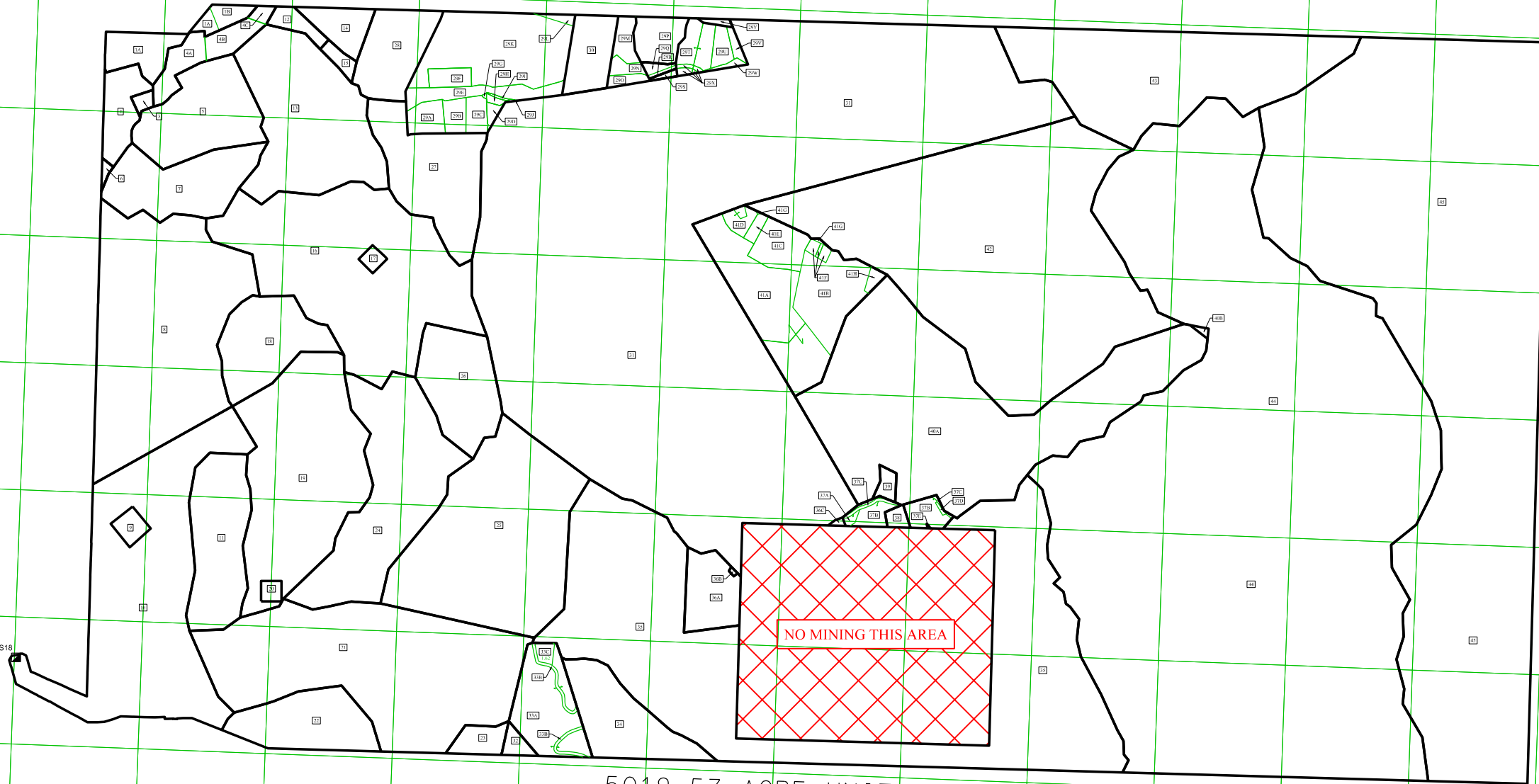
**Pocahontas Gas LLC**

By: 

**Sherri R. Scott**  
**Manager-Pooling, DOI, Land Records**  
128 Glenwood Street  
Cedar Bluff, VA 24609

32 33 34 35 36 37 38 39 40 41 42 43

X  
Y  
Z  
AA  
BB  
CC



5019.57 ACRE UNIT



Licensed Professional Surveyor (Affix Seal)

PROPERTY LINES SHOWN ON THIS PLAT WERE TAKEN FROM DEED DESCRIPTIONS AND CHAIN OF TITLE PROVIDED BY POCAHONTAS GAS LLC AND DOES NOT REPRESENT A CURRENT FIELD SURVEY. SEAL HEREON DOES NOT CERTIFY PROPERTY LINE ACCURACY.

### VENT SHAFT 18

VGOB 23-1121-4277

DRAWN BY: PD	DATE: MAY 28, 2024
SCALE: N.T.S.	EXHIBIT A

VIRGINIA STATE PLANE NAD83 SOUTH ZONE

V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
9	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
9	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
9	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
9	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD
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FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
9	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46

VS18

NO MINING THIS AREA

5019.57 ACRE UNIT

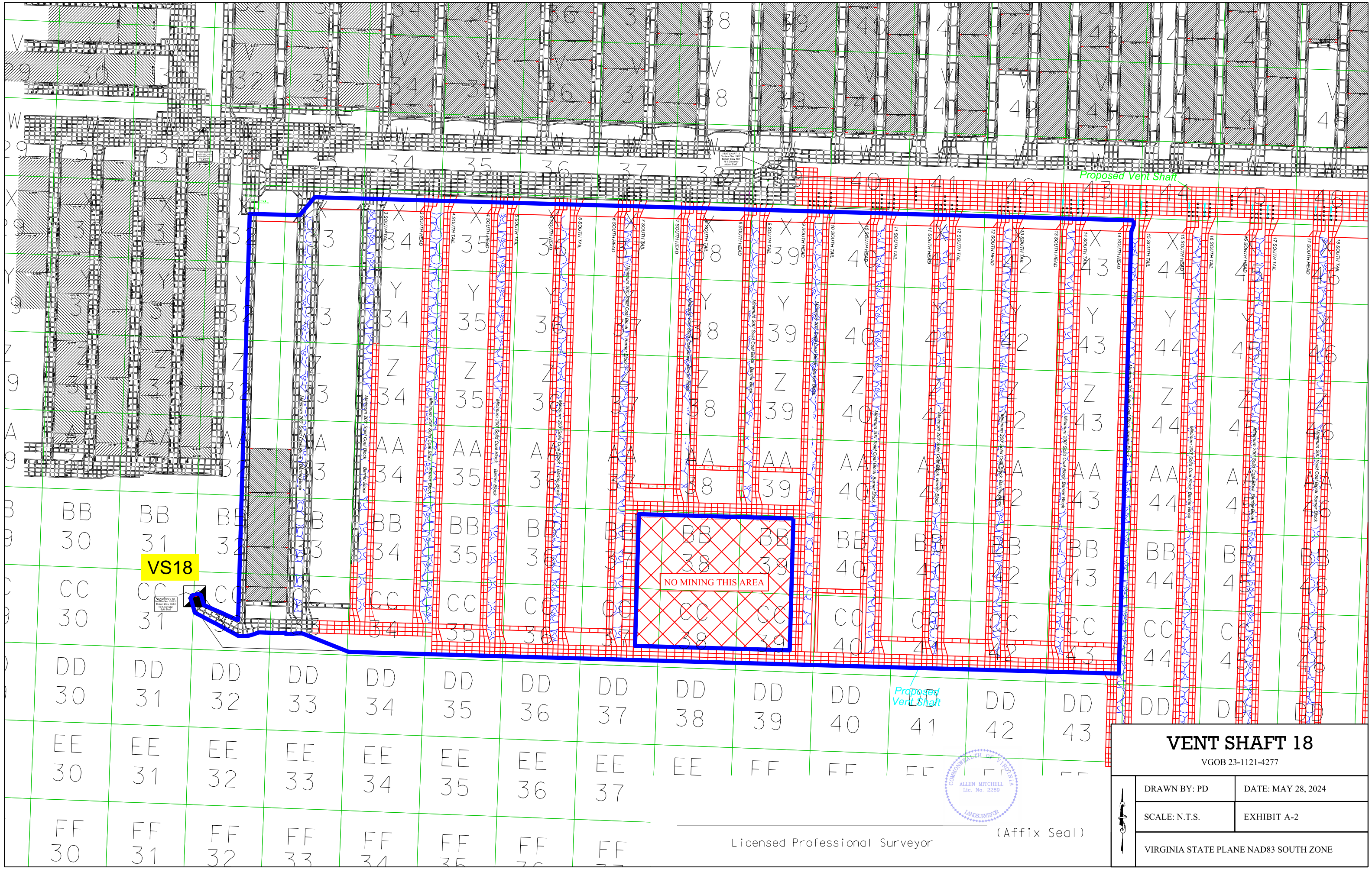


Licensed Professional Surveyor (Affix Seal)

**VENT SHAFT 18**

VG0B 23-1121-4277

DRAWN BY: PD	DATE: MAY 28, 2024
SCALE: N.T.S.	EXHIBIT A-1
VIRGINIA STATE PLANE NAD83 SOUTH ZONE	



**VS18**

**NO MINING THIS AREA**

Proposed Vent Shaft

Proposed Vent Shaft



Licensed Professional Surveyor

(Affix Seal)

**VENT SHAFT 18**

VGOB 23-1121-4277

DRAWN BY: PD      DATE: MAY 28, 2024

SCALE: N.T.S.      EXHIBIT A-2

VIRGINIA STATE PLANE NAD83 SOUTH ZONE

5019.57 ACRE TRACT

N 3,603,890.36  
E 10,487,449.01

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

N 3,603,332.86  
E 10,507,149.30

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E 10,484,782.70

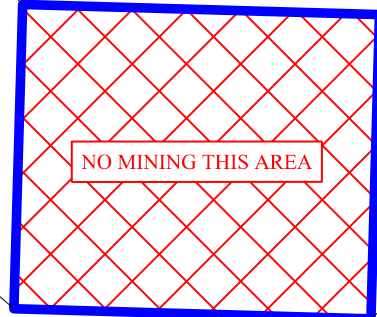
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VS18

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N 3,596,157.93  
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NO MINING THIS AREA

N 3,593,094.03  
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N 3,594,246.31  
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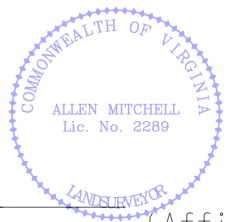
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N 3,593,392.14  
E 10,487,151.50

N 3,592,948.30  
E 10,488,267.57



Licensed Professional Surveyor (Affix Seal)

VENT SHAFT 18

VG0B 23-1121-4277

DRAWN BY: PD	DATE: MAY 28, 2024
SCALE: N.T.S.	EXHIBIT A-3
VIRGINIA STATE PLANE NAD83 SOUTH ZONE	

**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

- 1A. Coal Mountain Mining Company, LLP (67.00 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  
15.17 Acres                      0.3022%
  
- 1B. Coal Mountain Mining Company, LLP (67.00 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, Gas and CBM  
3.59 Acres                      0.0715%
  
- 2. Coal Mountain Mining Company, LLP (24.00 Acre 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                      0.3016%
  
- 3. Gary Davis, et al – Fee Less P-3 seam of Coal  
Buchanan Mining Company – P-3 seam of Coal  
1.67 Acres                      0.333%
  
- 4A. 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  
9.01 Acres                      0.1795%
  
- 4B. 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  
Pocahontas Gas LLC – CBM Leased  
Elbert Boyd Heirs – Minerals less Coal and Gas  
6.70 Acres                      0.1335%
  
- 4C. Coal Mountain Mining Company, LLP (31.00 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, Gas and CBM  
1.57 Acres                      0.0313%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

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, Gas and CBM  
45.89 Acres                      0.9143%
  
6. Coal Mountain Mining Company, LLP (157.00 Acre Tract 5) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
Wayne Davis, et al – Oil and Gas  
0.88 Acres                      0.0175%
  
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  
41.40 Acres                      0.8248%
  
8. Coal Mountain Mining Company, LLP (331.00 Acre Tract) – All 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  
153.04 Acres                      3.0488%
  
9. Buchanan Mining Company LLC - Coal  
Coal Mountain Mining Company, LLP (346.00 Acres Tract 29) – All Minerals Except Coal  
Pocahontas Gas LLC – Oil, Gas, and CBM Leased  
4.10 Acres                      0.0817%
  
10. Coal Mountain Mining Company, LLP (346.00 Acres Tract 290) - Minerals  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in the Tiller and Above Leased  
Pocahontas Gas LLC – Oil, Gas, and CBM Leased  
156.95 Acres                      3.1267%
  
11. Coal Mountain Mining Company, L.L.P. (35.00 Acres Tract 30) – All 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  
46.79 Acres                      0.9322%
  
12. Buchanan Mining Company, LLC – Coal  
Pocahontas Gas LLC – Oil, Gas, and CBM  
5.17 Acres                      0.1030%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

13. Coal Mountain Mining Company, L.L.P. (79.00 Acres) – All 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  
86.43 Acres    1.7219%
14. Buchanan Mining Company LLC, et al – Coal  
Island Creek Coal Company – Coal Below Tiller Seam Leased  
Buchanan Mining Company LLC, et al – P3 Seam Leased  
Mountaineer Metallurgical Holdings LLC – Tiller and Above Coal Leased  
Weyerhaeuser NR Company, et al – Oil, Gas, and CBM  
Pocahontas Gas LLC – CBM Leased  
11.23 Acres    0.2237%
15. Commonwealth of Virginia – All minerals except P-3 Seam  
Buchanan Mining Company LLC – Coal in P-3 Seam  
Pocahontas Gas LLC – Oil and Gas in P-3 Seam  
3.01 Acres    0.0600%
16. Coal Mountain Mining Company, L.L.P. (182.00 Acres) – All 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  
152.88 Acres    3.0456%
17. Buchanan Mining Company LLC – Coal  
Pocahontas Gas LLC – Oil, Gas, and CBM  
2.00 Acres    0.0398%
18. Coal Mountain Mining Company, L.L.P. (35.00 Acres Tract 8) – Fee  
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  
38.14 Acres    0.7599%
19. Coal Mountain Mining Company, L.L.P. (182.00 Acres) – All 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  
115.45 Acres    2.3001%
20. Thomas P. Stilwell – Fee  
2.07 Acres    0.0412%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

21. Coal Mountain Mining Company, L.L.P. (160.00 Acres Tract 34) – All 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  
162.41 Acres 3.2355%
22. Coal Mountain Mining Company, L.L.P. (181.00 Acres Tract 35) – All 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  
35.17 Acres 0.7007%
23. Coal Mountain Mining Company, L.L.P. (177.00 Acres Tract 36) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Pocahontas Gas LLC, et al (GW McGlothlin 47.90)– Oil and Gas (98.5119% Owned)  
7.12 Acres 0.1419%
24. Coal Mountain Mining Company, L.L.P. (102.00 Acres Tract 32) – All 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  
91.31 Acres 1.8191%
25. Coal Mountain Mining Company, L.L.P. (122.00 Acres Tract 33) – All 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  
134.88 Acres 2.6870%
26. Coal Mountain Mining Company, L.L.P. (44.75 Acres Tract 11) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Connie L. Davidson – Oil, Gas and CBM  
Pocahontas Gas LLC – Oil, Gas, and CBM Leased  
39.28 Acres 0.7826%
27. Coal Mountain Mining Company, L.L.P. (53.00 Acres Tract 33) – All 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  
52.15 Acres 1.0390%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

28. Buchanan Mining Company LLC, et al – Coal  
Island Creek Coal Company – Coal Below Tiller Seam Leased  
Buchanan Mining Company LLC, et al – P3 Seam Leased  
Revelation Energy, LLC – Tiller and Above Coal Leased  
Weyerhaeuser NR Company, et al – Oil, Gas and CBM  
Pocahontas Gas LLC – CBM Leased  
27.30 Acres      0.5439%
- 29A. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Janice Davis, et vir – Surface, Oil and Gas  
5.59 Acres      0.1114%
- 29B. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
William L. Engardio – Surface, Oil and Gas  
3.74 Acres      0.0745%
- 29C. Hurt-McGuire Heirs Trust (628.44 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 – Surface, Oil and Gas  
3.80 Acres      0.0757%
- 29D. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Danny Wayne Hinkle – Surface, Oil and Gas  
1.24 Acres      0.0247%
- 29E. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Commonwealth of Virginia (US 460) – Surface, Oil and Gas  
9.87 Acres      0.1966%
- 29F. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Russell V. Presley, et ux – Surface, Oil and Gas  
3.97 Acres      0.0791%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

- 29G. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
JADCO Inc. – Surface, Oil and Gas  
0.08 Acres      0.0016%
- 29H. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
JADCO Inc. – Surface, Oil and Gas  
0.61 Acres      0.0122%
- 29I. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
JADCO Inc. – Surface, Oil and Gas  
0.23 Acres      0.0046%
- 29J. Hurt-McGuire Heirs Trust (628.44 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  
0.02 Acres      0.0004%
- 29K. Hurt-McGuire Heirs Trust (628.44 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, Gas and CBM  
47.18 Acres      0.9400%
- 29L. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Joel and Brenda Burke – Surface, Oil and Gas  
1.16 Acres      0.0231%
- 29M. Hurt-McGuire Heirs Trust (628.44 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, Gas and CBM  
4.54 Acres      0.0904%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

- 29N. Hurt-McGuire Heirs Trust (628.44 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 – Surface, Oil and Gas  
2.33 Acres      0.0464%
- 29O. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Commonwealth of Virginia (US 460) – Oil and Gas  
1.98 Acres      0.0394%
- 29P. Hurt-McGuire Heirs Trust (628.44 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, Gas and CBM  
10.54 Acres      0.2100%
- 29Q. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Pocahontas Gas LLC – Oil and Gas  
1.21 Acres      0.0241%
- 29R. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Commonwealth of Virginia (SR 727) – Oil and Gas  
0.50 Acres      0.0100%
- 29S. Hurt-McGuire Land Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Commonwealth of Virginia (SR 727) – Oil and Gas  
0.68 Acres      0.0135%
- 29T. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Donald Ray Young – Oil and Gas  
7.31 Acres      0.1456%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

- 29U. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Patrick Counts – Oil and Gas  
3.39 Acres      0.0675%
- 29V. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Pocahontas Gas LLC – Oil and Gas  
1.49 Acres      0.0297%
- 29W. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Grady McGlothlin, et ux – Oil and Gas  
0.90 Acres      0.0179%
- 29X. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Commonwealth of Virginia (SR 727) – Oil and Gas  
1.10 Acres      0.0219%
- 29Y. Hurt-McGuire Heirs Trust (628.44 Acre Tract) – Coal  
Buchanan Mining Company LLC – Coal Below Tiller Seam Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Oris Ellis Cantrell Heirs – Oil and Gas  
0.89 Acres      0.0177%
30. Buchanan Mining Company LLC, et al (Big Vein Tract) – All Minerals  
Island Creek Coal Company – Coal Below Tiller Seam Leased  
Buchanan Mining Company LLC – P3 Seam of Coal Sub-Leased  
Revelation Energy, LLC – Tiller and Above Coal Leased  
Weyerhaeuser NR Company, et al – Oil, Gas and CBM  
Pocahontas Gas LLC – CBM Leased  
16.35 Acres      0.3257%
31. Commonwealth Coal Corporation (965.00 Acre Tract 2) – All 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  
779.46 Acres      15.5282%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

32. Coal Mountain Mining Company, L.L.P. (319.00 Acre Tract 56) – All Minerals  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Pocahontas Gas LLC – Oil, Gas, and CBM Leased  
Map 63A Parcel 5  
3.14 Acres      0.0626%
- 33A. Coal Mountain Mining Company, L.L.P. (40.00 Acre Tract 37) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Granville McGlothlin Heirs, et al – Oil and Gas (98.5119% Owned)  
Pocahontas Gas LLC – CBM Leased  
Map 63A Parcel 3  
26.89 Acres      0.5357%
- 33B. Coal Mountain Mining Company, L.L.P. (40.00 Acre Tract 37) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Commonwealth of Virginia – Oil and Gas  
Map 63A Parcel 0  
2.31 Acres      0.0460%
- 33C. Coal Mountain Mining Company, L.L.P. (40.00 Acre Tract 37) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Jimmy Lee McGlothlin – Oil and Gas  
Map 63A Parcel 2  
1.62 Acres      0.0323%
34. Coal Mountain Mining Company, L.L.P. (319.00 Acre Tract 38) – All Minerals  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Pocahontas Gas LLC – Oil, Gas, and CBM Leased  
Map 34A Parcel 37  
36.48 Acres      0.7268%
35. Commonwealth Coal Corporation (May & Painter Tract 1497.62 Acre Tract) – Fee  
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  
Map 84A Parcel 122A  
301.98 Acres      6.0161%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

- 36A. Commonwealth Coal Corporation (67.45 Acre Tract 6) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Bernard Shortt, et al – Oil and Gas  
Map 64A Parcel 35  
19.31 Acres      0.3847%
- 36B. Commonwealth Coal Corporation (67.45 Acre Tract 6) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Bernard Shortt, et al – Oil and Gas  
Map 64A Parcel 35A  
0.19 Acres      0.0038%
- 36C. Commonwealth Coal Corporation (67.45 Acre Tract 6) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Robert Rose, et ux or Tom Short Heirs – Oil and Gas  
Map 64A Parcel 34  
0.42 Acres      0.0084%
- 37A. Commonwealth Coal Corporation (29.23 Acre Tract 7) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Robert Rose, et ux or Tom Short Heirs – Oil and Gas  
0.76 Acres      0.0151%
- 37B. Commonwealth Coal Corporation (29.23 Acre Tract 7) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Walter Short, et al – Oil and Gas  
Map 64A Parcel 33  
8.89 Acres      0.1771%
- 37C. Commonwealth Coal Corporation (29.23 Acre Tract 7) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Commonwealth of VA – Oil and Gas  
Map 64A Parcel 0  
1.01 Acres      0.0201%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

- 37D. Commonwealth Coal Corporation (29.23 Acre Tract 7) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Walter Short, et al – Oil and Gas  
Map 64A Parcel 32  
0.20 Acres      0.0040%
- 37E. Commonwealth Coal Corporation (29.23 Acre Tract 7) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Walter Short, et al – All Minerals except Coal  
Map 64A Parcel 33A  
0.04 Acres      0.0008%
38. Commonwealth Coal Corporation (3.00 Acre Tract 6) – All 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  
Map 64A Parcel 33B  
2.04 Acres      0.0406%
39. Commonwealth Coal Corporation (2.25 Acre Tract 11) – All Minerals  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Pocahontas Gas LLC – Oil, Gas and CBM Leased  
2.65 Acres      0.0528%
- 40A. Commonwealth Coal Corporation (T.D. Chambers 222.25 Acre Tract 5) – All Minerals except Oil  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Pocahontas Gas LLC – Gas and CBM Leased  
212.51 Acres    4.2336%
- 40B. Commonwealth Coal Corporation (T.D. Chambers 222.25 Acre Tract 5) – All Minerals except Oil  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Pocahontas Gas LLC – Gas and CBM Leased  
0.49 Acres      0.0098%
- 41A. Commonwealth Coal Corporation (87.13 Acre Tract 3) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Gary Addison, et al – Oil and Gas  
Pocahontas Gas LLC – Oil, Gas and CBM Leased  
43.66 Acres      0.8698%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

- 41B. Commonwealth Coal Corporation (87.13 Acre Tract 3) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Curtis Wade Heirs – Oil and Gas  
23.97 Acres     0.4775%
- 41C. Commonwealth Coal Corporation (87.13 Acre Tract 3) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Gerald K. Short – Oil and Gas  
10.72 Acres     0.2136%
- 41D. Commonwealth Coal Corporation (87.13 Acre Tract 3) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Rondal Wade, et al – Oil and Gas  
3.41 Acres     0.0679%
- 41E. Commonwealth Coal Corporation (87.13 Acre Tract 3) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Jimmy Wade, et ux – Oil and Gas  
1.72 Acres     0.0343%
- 41F. Commonwealth Coal Corporation (87.13 Acre Tract 3) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Evelyn Sprinkle Brown Heirs – Oil and Gas  
1.66 Acres     0.0331%
- 41G. Commonwealth Coal Corporation (87.13 Acre Tract 3) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Commonwealth of Virginia – Oil and Gas  
0.25 Acres     0.0050%
- 41H. Commonwealth Coal Corporation (87.13 Acre Tract 3) – Coal  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Coal in Tiller and Above Leased  
Elmer Burke, et ux – Oil and Gas  
1.45 Acres     0.0289%

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**Pocahontas Gas LLC**  
**VS18 (5,019.57 acre unit)**  
**Tract Identifications**

- 42. Commonwealth Coal Corporation (299.72 Acre Tract 4) – All 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  
301.84 Acres 6.0133%
  
- 43. Coal Mountain Mining Company, L.L.P. (1140.00 Acre Tract 27) – All Minerals  
Buchanan Mining Company LLC – Below Drainage Coal Leased  
RAMACO Resources Land Holdings, LLC – Above Drainage Coal Leased  
Pocahontas Gas LLC – Oil, Gas and CBM Leased  
125.72 Acres 2.5047%
  
- 44. Commonwealth Coal Corporation (1027.00 Acre Tract 8) – All 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  
Map 64A Parcel 17  
882.64 Acres 17.5838%
  
- 45. Coal Mountain Mining Company, L.L.P. (1186.00 Acre Tract 39) – Fee  
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  
Map 65A Parcel 10  
623.54 Acres 12.4221%

"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  
VS18  
Docket #VGOB 23-1121-4277  
List of all Owners/Claimants  
(5,019.57 Acre Unit)

	Acres in Unit	Interest in Unit
<b>I. COAL OWNERSHIP</b>		
<b><u>Tract #1 - 18.76 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	18.76 acres	0.3737%
<b><u>Tract #2 - 15.14 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	15.14 acres	0.3016%
<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	0.0333%
(a) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0044%
(b) Patsy Davis Heirs, Devisees, Successors, or Assigns	0.223 acres 2/15 of 1.67 acres	0.0044%
(b.1) Gary C. Davis 1189 Point Road Raven, VA 24639		
(c) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
(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	0.0044%
(e) Jacqueline Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
(f) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
(g) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	0.334 acres 1/5 of 1.67 acres	0.0067%
<b><i>P-3 Seam of Coal</i></b>		
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	1.67 acres	0.0333%
<b><u>Tract #4 - 17.28 acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	17.28 acres	0.3443%
<b><u>Tract #5 - 45.89 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	45.89 acres	0.9142%

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	Acres in Unit	Interest in Unit
<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	0.0175%
<b><u>Tract #7 - 41.40 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	41.40 acres	0.8248%
<b><u>Tract #8 - 153.04 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	153.04 acres	3.0489%
<b><u>Tract #9 - 4.10 Acres</u></b>		
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	4.10 acres	0.0817%
<b><u>Tract #10 - 156.95 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	156.95 acres	3.1268%
<b><u>Tract #11 - 46.79 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	46.79 acres	0.9322%
<b><u>Tract #12 - 5.17 Acres</u></b>		
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24631	5.17 acres	0.1030%
<b><u>Tract #13 - 86.43 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	86.43 acres	1.7219%
<b><u>Tract #14 - 11.23 acres</u></b>		
(1) Buchanan Mining Company LLC, et al	11.23 acres	0.2237%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	5.6150 acres 1/2 of 11.23 acres	0.1119%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	1.2478 acres 1/9 of 11.23 acres	0.0249%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	0.6239 acres 1/18 of 11.23 acres	0.0124%
(d) Buchanan Mining Company LLC* PO Drawer L Oakwood, VA 24630	3.7433 acres 1/3 of 11.23 acres	0.0746%

**Note:** *Weyerhaeuser NR Company (previously Plum Creek Timberlands) retained their CBM interest*

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	Acres in Unit	Interest in Unit
<b><u>Tract #15 - 3.01 Acres</u></b>		
<i>Coal except P-3 Seam:</i>		
(1) Commonwealth of Virginia Department of Highways 2111 Bonham Road Bristol, VA 24201	3.01 acres	0.0600%
<i>P-3 Seam of Coal:</i>		
(2) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24630	3.01 acres	0.0600%
<b><u>Tract #16 - 152.88 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	152.88 acres	3.0457%
<b><u>Tract #17 - 2.00 Acres</u></b>		
(1) Buchanan Mining Company LLC PO Drawer L Oakwood, VA 24630	2.00 acres	0.0398%
<b><u>Tract #18 - 38.14 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	38.14 acres	0.7598%
<b><u>Tract #19 - 115.45 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	115.45 acres	2.3000%
<b><u>Tract #20 - 2.07 Acres</u></b>		
(1) Thomas P. Stilwell 1898 Old Kentucky Turnpike Road Raven, VA 24639	2.07 acres	0.0412%
<b><u>Tract #21 - 162.41 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	162.41 acres	3.2355%
<b><u>Tract #22 - 35.17 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	35.17 acres	0.7007%
<b><u>Tract #23 - 7.12 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	7.12 acres	0.1418%
<b><u>Tract #24 - 91.31 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	91.31 acres	1.8191%

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**(5,019.57 Acre Unit)**

	Acres in Unit	Interest in Unit
<b><u>Tract #25 - 134.88 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	134.88 acres	2.6871%
<b><u>Tract #26 - 39.28 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	39.28 acres	0.7825%
<b><u>Tract #27 - 52.15 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	52.15 acres	1.0389%
<b><u>Tract #28 - 27.30 Acres</u></b>		
(1) Buchanan Mining Company LLC, et al	27.30 acres	0.5439%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	13.6500 acres 1/2 of 27.30 acres	0.2719%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	3.0333 acres 1/9 of 27.30 acres	0.0604%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	1.5167 acres 1/18 of 27.30 acres	0.0302%
(d) Buchanan Mining Company LLC* PO Drawer L Oakwood, VA 24630	9.1000 acres 1/3 of 27.30 acres	0.1813%
<b>Note: Weyerhaeuser NR Company (previously Plum Creek Timberlands) retained their CBM interest</b>		
<b><u>Tract #29 - 114.35 Acres</u></b>		
(1) McGuire Hurt Heirs Trust c/o Charles Green 15519 Lookout Ridge Bristol, VA 24202-5080	114.35 acres	2.2781%
<b><u>Tract #30 - 16.35 Acres</u></b>		
(1) Buchanan Mining Company LLC, et al	16.35 acres	0.3257%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	8.1750 acres 1/2 of 16.35 acres	0.1629%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	1.8167 acres 1/9 of 16.35 acres	0.0362%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	0.9083 acres 1/18 of 16.35 acres	0.0181%
(d) Buchanan Mining Company LLC* PO Drawer L Oakwood, VA 24630	5.4500 acres 1/3 of 16.35 acres	0.1086%
<b>Note: Weyerhaeuser NR Company (previously Plum Creek Timberlands) retained their CBM interest</b>		

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List of all Owners/Claimants  
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	Acres in Unit	Interest in Unit
<b><u>Tract #31 - 779.46 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	779.46 acres	15.5284%
<b><u>Tract #32 - 3.14 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	3.14 acres	0.0626%
<b><u>Tract #33 - 30.82 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	30.82 acres	0.6140%
<b><u>Tract #34 - 36.48 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	36.48 acres	0.7268%
<b><u>Tract #35 - 301.98 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	301.98 acres	6.0161%
<b><u>Tract #36 - 19.92 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	19.92 acres	0.3968%
<b><u>Tract #37 - 10.90 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	10.90 acres	0.2172%
<b><u>Tract #38 - 2.04 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	2.04 acres	0.0406%
<b><u>Tract #39 - 2.65 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	2.65 acres	0.0528%
<b><u>Tract #40 - 213.00 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	213.00 acres	4.2434%
<b><u>Tract #41 - 86.84 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	86.84 acres	1.7300%

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	Acres in Unit	Interest in Unit
<b><u>Tract #42 - 301.84 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	301.84 acres	6.0133%
<b><u>Tract #43 - 125.72 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	125.72 acres	2.5046%
<b><u>Tract #44 - 882.64 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	882.64 acres	17.5840%
<b><u>Tract #45 - 623.54 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	623.54 acres	12.4222%
<b>II. <u>OIL &amp; GAS OWNERSHIP</u></b>		
<b><u>Tract #1A - 15.17 Acres</u></b>		
(1) Patricia Smith Cook, et al		
(a) Mildred Ratliff Smith ( <i>DOD 1/26/2021</i> )	15.17 acres	0.3022%
		<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	5.06 acres 1/3 of 15.17 acres	0.1007%
(a.2) Linda Kay Ratliff Smith PO Box 192 Hurley, VA 24620	5.06 acres 1/3 of 15.17 acres	0.1007%
(a.3) Sandra Smith Spears 69 Carefree Lane Kilmarnock, VA 22485	5.06 acres 1/3 of 15.17 acres	0.1007%
<b><u>Tract #1B - 3.59 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	3.59 acres	0.0715%
<b><u>Tract #2 - 15.14 Acres</u></b>		
(1) Gary Davis, et al	15.14 acres	0.3016%
(a) Gary Davis 1189 Point Road Raven, VA 24639	6.056 acres 2/5 of 15.14 acres	0.1206%
(b) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	3.028 acres 1/5 of 15.14 acres	0.0603%
(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	0.0603%

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	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 13.18 acres	0.0603%
(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 #3 - 1.67 Acres</u></b>		
(1) Gary Davis, et al	1.67 acres	0.0333%
(a) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0044%
(b) Patsy 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	0.0044%
(c) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
(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	0.0044%
(e) Jacqueline Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
(f) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
(g) Ruth M. Boyd Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.334 acres 1/5 of 1.67 acres	0.0067%
(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 #4A - 9.01 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	9.01 acres	0.1795%

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	Acres in Unit	Interest in Unit
<b><u>Tract #4B - 6.70 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	6.70 acres	0.1335%
<b><u>Tract #4C - 1.57 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	1.57 acres	0.0313%
<b><u>Tract #5 - 45.89 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	45.89 acres	0.9142%
<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	0.0175%
(a) Allie I. Davis Clowers 150 County Road 161 Riceville, TN 37370	0.11 acres 1/8 of 0.88 acres	0.0022%
(b) Buford Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.11 acres 1/8 of 0.88 acres	0.0022%
(c) Billy D. Davis Heirs, Devisees, Successors or Assigns		
(c.1) Billy Michael Davis 1839 W. Market Street Smithfield, NC 27577	0.06 acres 1/16 of 0.88 acres	0.0011%
(c.2) Lisa Diane Davis 1839 W. Market Street Smithfield, NC 27577	0.06 acres 1/16 of 0.88 acres	0.0011%
(d) Joe Darrell Davis 1752 Sandy Gap Rd. Raven, VA 24639	0.11 acres 1/8 of 0.88 acres	0.0022%
(e) Bobby Davis 101 Able Road Cedar Bluff, VA 24609	0.11 acres 1/8 of 0.88 acres	0.0022%
(f) Gary Davis 1189 Point Road Raven, VA 24639	0.11 acres 1/8 of 0.88 acres	0.0022%
(g) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.11 acres 1/8 of 0.88 acres	0.0022%
(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>		

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	Acres in Unit	Interest in Unit
(h.2) Larry Wayne & Jackie Davis, TE PO Box 183 Pounding Mill, VA 24637	0.11 acres 1/8 of 0.88 acres	0.0022%
<b><u>Tract #7 - 41.40 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>(71.75 acre tract)</i>	41.40 acres	0.8248%
(a) Allie Davis Clowers 150 County Road 161 Riceville, TN 37370	5.18 acres 1/8 of 41.40 acres	0.1031%
(b) Buford Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	5.18 acres 1/8 of 41.40 acres	0.1031%
(c) Billy D. Davis Heirs, Devisees, Successors or Assigns		
(c.1) Billy Michael Davis 1839 W. Market Street Smithfield, NC 27577	2.59 acres 1/16 of 41.40 acres	0.0515%
(c.2) Lisa Diane Davis 1839 W Market Street Smithfield, NC 27577	2.59 acres 1/16 of 41.40 acres	0.0515%
(d) Joe Darrell Davis 1752 Sandy Gap Rd. Raven, VA 24639	5.18 acres 1/8 of 41.40 acres	0.1031%
(e) Bobby Davis 101 Able Road Cedar Bluff, VA 24609	5.18 acres 1/8 of 41.40 acres	0.1031%
(f) Gary Davis 1189 Point Road Raven, VA 24639	5.18 acres 1/8 of 41.40 acres	0.1031%
(g) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	5.18 acres 1/8 of 41.40 acres	0.1031%
(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	5.18 acres 1/8 of 41.40 acres	0.1031%
<b><u>Tract #8 - 153.04 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	153.04 acres	3.0489%
<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	0.0817%

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	Acres in Unit	Interest in Unit
<b><u>Tract #10 - 156.95 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	156.95 acres	3.1268%
<b><u>Tract #11 - 46.79 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	46.79 acres	0.9322%
<b><u>Tract #12 - 5.17 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	5.17 acres	0.1030%
<b><u>Tract #13 - 86.43 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	86.43 acres	1.7219%
<b><u>Tract #14 - 11.23 Acres</u></b>		
(1) Weyerhaeuser NR Company, et al	11.23 acres	0.2237%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	5.6150 acres 1/2 of 11.23 acres	0.1119%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	1.2478 acres 1/9 of 11.23 acres	0.0249%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	0.6239 acres 1/18 of 11.23 acres	0.0124%
(d) Weyerhaeuser NR Company PO Box 101700 Atlanta, GA 30392	3.7433 acres 1/3 of 11.23 acres	0.0746%
<b><u>Tract #15 - 3.01 Acres</u></b>		
(1) Commonwealth of Virginia Department of Highways 2111 Bonham Road Bristol, VA 24201	3.01 acres	0.0600%
<b><u>Tract #16 - 152.88 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	152.88 acres	3.0457%
<b><u>Tract #17 - 2.00 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	2.00 acres	0.0398%
<b><u>Tract #18 - 38.14 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	38.14 acres	0.7598%

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 (5,019.57 Acre Unit)

	Acres in Unit	Interest in Unit
<b><u>Tract #19 - 115.45 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	115.45 acres	2.3000%
<b><u>Tract #20 - 2.07 Acres</u></b>		
(1) Thomas P. Stilwell 1898 Old Kentucky Turnpike Road Raven, VA 24639	2.07 acres	0.0412%
<b><u>Tract #21 - 162.41 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	162.41 acres	3.2355%
<b><u>Tract #22 - 35.17 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	35.17 acres	0.7007%
<b><u>Tract #23 - 7.12 Acres</u></b>		
(1) Pocahontas Gas LLC, et al <i>(47.90 Acre Tract)</i>	7.12 acres	0.1418%
(a) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	7.014 acres 331/336 of 7.12 acres	0.1397%
(b) Ruie McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1) Junior C. McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1.1) Janet E. McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1.1.1) Johnny Dwight McGlothlin 820 Baptist Valley Road Cedar Bluff, VA 24609	0.011 acres 1/672 of 7.12 acres	0.0002%
(b.2) Helen Adams Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.032 acres 1/224 of 7.12 acres	0.0006%
(b.2.1) Bernie Gene Adams 14309 Phoenix Road Phoenix, MD 21131		
(b.2.2) Michael Adams 220 E Lakeview Street Umatilla, FL 32784		
(b.3) Ruby Lee Zwald Heirs, Devisees, Successors, or Assigns		
(b.4.1) Walter Lawrence Finney Heirs, Devisees, Successors, or Assigns		
(b.4.1.1) Shelby Ann Finney 195 Finney Drive Cedar Bluff, VA 24609	0.032 acres 1/224 of 7.12 acres	0.0006%
(b.4) Mary R. Barnett Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(b.4.1) Cheryl Keen Tucker 170 Charleston Place Daleville, VA 24083	0.032 acres 1/224 of 7.12 acres	0.0006%
<b><u>Tract #24 - 91.31 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	91.31 acres	1.8191%
<b><u>Tract #25 - 134.88 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	134.88 acres	2.6871%
<b><u>Tract #26 - 39.28 Acres</u></b>		
(1) Connie Davidson 2131 Sandy Gap Road Raven, VA 24639	39.28 acres	0.7825%
<b><u>Tract #27 - 52.15 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	52.15 acres	1.0389%
<b><u>Tract #28 - 27.30 Acres</u></b>		
(1) Weyerhaeuser NR Company, et al	27.30 acres	0.5439%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	13.6500 acres 1/2 of 27.30 acres	0.2719%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	3.0333 acres 1/9 of 27.30 acres	0.0604%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	1.5167 acres 1/18 of 27.30 acres	0.0302%
(d) Weyerhaeuser NR Company PO Box 101700 Atlanta, GA 30392	9.1000 acres 1/3 of 27.30 acres	0.1813%
<b><u>Tract #29A - 5.59 Acres</u></b>		
(1) Janice L. & Jeremy W. Davis, TE 1011 Betsy Branch Road Raven, VA 24639	5.59 acres	0.1114%
<b><u>Tract #29B - 3.74 Acres</u></b>		
(1) William & Hannalore Engardio, T/E 3187 Riverside Dr Raven, VA 24639	3.74 acres	0.0745%
<b><u>Tract #29C - 3.80 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	3.80 acres	0.0757%

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	Acres in Unit	Interest in Unit
<b><u>Tract #29D - 1.24 Acres</u></b>		
(1) Danny Wayne Hinkle PO Box 571 Oakwood, VA 24631	1.24 acres	0.0247%
<b><u>Tract #29E - 9.87 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	9.87 acres	0.1966%
<b><u>Tract #29F - 3.97 Acres</u></b>		
(1) Russell V. and Anita Presley, TE PO Box 463 Keen Mountain, VA 24624	3.97 acres	0.0791%
<b><u>Tract #29G - 0.08 Acres</u></b>		
(1) Jadco, Inc. 3081 Riverside Drive Raven, VA 24639	0.08 acres	0.0016%
<b><u>Tract #29H - 0.61 Acres</u></b>		
(1) Jadco, Inc. 3081 Riverside Drive Raven, VA 24639	0.61 acres	0.0122%
<b><u>Tract #29I - 0.23 Acres</u></b>		
(1) Jadco, Inc. 3081 Riverside Drive Raven, VA 24639	0.23 acres	0.0046%
<b><u>Tract #29J - 0.02 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	0.02 acres	0.0004%
<b><u>Tract #29K - 47.18 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	47.18 acres	0.9399%
<b><u>Tract #29L - 1.16 Acres</u></b>		
(1) Joel D. & Brenda L. Burke PO Box 33 Rowe, VA 24646	1.16 acres	0.0231%
<b><u>Tract #29M - 4.54 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	4.54 acres	0.0904%
<b><u>Tract #29N - 2.33 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	2.33 acres	0.0464%

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	Acres in Unit	Interest in Unit
<b><u>Tract #29O - 1.98 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	1.98 acres	0.0394%
<b><u>Tract #29P - 10.54 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	10.54 acres	0.2100%
<b><u>Tract #29Q - 1.21 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	1.21 acres	0.0241%
<b><u>Tract #29R - 0.50 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	0.50 acres	0.0100%
<b><u>Tract #29S - 0.68 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	0.68 acres	0.0135%
<b><u>Tract #29T - 7.31 Acres</u></b>		
(1) Donald Ray Young 1066 E Cross Roads Drive Lebanon, VA 24266	7.31 acres	0.1456%
<b><u>Tract #29U - 3.39 Acres</u></b>		
(1) Patrick Counts 1665 Riverside Drive Raven, VA 24639	3.39 acres	0.0675%
<b><u>Tract #29V - 1.49 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	1.49 acres	0.0297%
<b><u>Tract #29W - 0.90 Acres</u></b>		
(1) Grady W. & Pauline J. McGlothlin PO Box 955 Raven, VA 24639	0.90 acres	0.0179%
<b><u>Tract #29X - 1.10 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	1.10 acres	0.0219%

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	Acres in Unit	Interest in Unit
<b><u>Tract #29Y - 0.89 Acres</u></b>		
(1) Oris Cantrell Heirs, Devisees, Successors, or Assigns	0.89 acres	0.0177%
(a) Amy Mae Hess PO Box 922 Vansant, VA 24656	0.2225 acres 1/4 of 0.89 acres	0.0044%
(b) Jamie Cantrell 478 Pacific Ave, Apt E Virginia Beach, VA 23451	0.2225 acres 1/4 of 0.89 acres	0.0044%
(c) Penny Falck 2390 Glade Drive Christiansburg, VA 24073	0.2225 acres 1/4 of 0.89 acres	0.0044%
(d) Cathleen Arrington 7342 Pine Street Radford, VA 24141	0.2225 acres 1/4 of 0.89 acres	0.0044%
<b><u>Tract #30 - 16.35 Acres</u></b>		
(1) Weyerhaeuser NR Company, et al	16.35 acres	0.3257%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	8.1750 acres 1/2 of 16.35 acres	0.1629%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	1.8167 acres 1/9 of 16.35 acres	0.0362%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	0.9083 acres 1/18 of 16.35 acres	0.0181%
(d) Weyerhaeuser NR Company PO Box 101700 Atlanta, GA 30392	5.4500 acres 1/3 of 16.35 acres	0.1086%
<b><u>Tract #31 - 779.46 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	779.46 acres	15.5284%
<b><u>Tract #32 - 3.14 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	3.14 acres	0.0626%
<b><u>Tract #33A - 26.89 Acres</u></b>		
(1) Pocahontas Gas LLC, et al <i>(37.00 Acre Tract)</i>	26.89 acres	0.5357%
(a) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	26.490 acres 331/336 of 26.89 acres	0.5277%
(b) Ruie McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1) Junior C. McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1.1) Janet E. McGlothlin Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(b.1.1.1) Johnny Dwight McGlothlin 820 Baptist Valley Road Cedar Bluff, VA 24609	0.040 acres 1/672 of 26.89 acres	0.0008%
(b.2) Helen Adams Heirs, Deviseses, Successors, or Assigns <i>(Documentation Pending)</i>	0.120 acres 1/224 of 26.89 acres	0.0024%
(b.2.1) Bernie Gene Adams 14309 Phoenix Road Phoenix, MD 21131		
(b.2.2) Michael Adams 220 E Lakeview Street Umatilla, FL 32784		
(b.3) Ruby Lee Zwald Heirs, Deviseses, Successors, or Assigns		
(b.4.1) Walter Lawrence Finney Heirs, Deviseses, Successors, or Assigns		
(b.4.1.1) Shelby Ann Finney 195 Finney Drive Cedar Bluff, VA 24609	0.120 acres 1/224 of 26.89 acres	0.0024%
(b.4) Mary R. Barnett Heirs, Deviseses, Successors, or Assigns		
(b.4.1) Cheryl Keen Tucker 170 Charleston Place Daleville, VA 24083	0.120 acres 1/224 of 26.89 acres	0.0024%
<b><u>Tract #33B - 2.31 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	2.31 acres	0.0460%
<b><u>Tract #33C - 1.62 Acres</u></b>		
(1) Jimmy Lee McGlothlin PO Box 987 Raven, VA 24639	1.62 acres	0.0323%
<b><u>Tract #34 - 36.48 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	36.48 acres	0.7268%
<b><u>Tract #35 - 301.98 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	301.98 acres	6.0161%
<b><u>Tract #36A - 19.31 Acres</u></b>		
(1) Bernard Shortt, et al	19.31 acres	0.3847%
(a) Roy Bernard and Linda Ruth Shortt 642 Shortts Road Raven, VA 24639	<i>Life Estate</i>	
(b) Joshua Andrew Shortt* <i>(DOD 8/25/2021)</i>		

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	Acres in Unit	Interest in Unit
(c) Barney Andrew Shortt* 728 Shortts Road Raven, VA 24639	9.655 acres 1/2 of 19.31 acres	0.1923%
(d) Janet Shortt* 728 Shortts Road Raven, VA 24639	9.655 acres 1/2 of 19.31 acres	0.1923%

*\*Joshua Andrew Shortt, Barney Andrew Shortt, and Janet Shortt were conveyed ownership as joint tenants with right of survivorship*

**Tract #36B - 0.19 Acres**

**(1) Barney Shortt, et al**

(a) Roy Bernard and Linda Ruth Shortt  
642 Shortts Road  
Raven, VA 24639

*Life Estate*

(b) Barney Andrew and Janet Shortt\*\*  
728 Shortts Road  
Raven, VA 24639

0.19 acres                      0.0038%

*\*\*Tenants in entirety with right of survivorship*

**Tract #36C - 0.42 Acres**

*\*\*\*Cloud on Title - When Tom Short acquired title to the parent tract of which this property is a portion, he also obtained title to the gas and oil. He then conveyed the property to his wife (Bertha) and reserved all minerals in DB 190/119. Bertha later conveyed back to Tom in DB 217/438, with the same reservation language, though she owned no mineral to reserve. Tom again conveyed to Bertha in DB 281/12, reserving all mineral. Bertha again conveyed to Tom in DB 331/248, and again reserved mineral she did not own. Tom Short and Bertha Short conveyed to Walter M. Short and Jeanette H. Short, in DB 342/400, a 3.2 acre parcel, referencing as the source of title DB 331/248 wherein Bertha reserved mineral she did not own, as the mineral reservation language. The intent of Bertha and Tom Short may have been to reserve all mineral, however, the source reservation language reference within DB 342/400 fails. Correction deeds are necessary to vest title to the oil and gas in either the heirs of Tom Short, or the current surface owners, Robert and Jackie Rose.*

**(1) Walter Shortt, et al**

0.42 acres                      0.0084%

(a) Tommy Arnold Shortt  
PO Box 1228  
Richlands, VA 24641

0.0382 acres  
1/11 of 0.42 acres                      0.0008%

(b) Walter Mervin Shortt Heirs, Devisees,  
Successors, or Assigns

(b.1) Mervin Shortt  
815 W Thornwood Drive  
South Elgin, IL 60177

0.0127 acres  
1/33 of 0.42 acres                      0.0003%

(b.2) Linda F. Grasso  
4016 Silk Oak Lane  
Palm Harbor, FL 34685

0.0127 acres  
1/33 of 0.42 acres                      0.0003%

(b.3) Larry Walter Short

*pre-deceased*

(b.3.1) Larry Short, Jr.  
436 Waverly Street  
Kingsford, MI 49802

0.0064 acres  
1/66 of 0.42 acres                      0.0001%

(b.3.2) Tamara Beth Ham  
108 Chesterfield Drive  
Pinehurst, NC 28374

0.0064 acres  
1/66 of 0.42 acres                      0.0001%

(c) Harold B. Shortt Heirs, Devisees,  
Successors, or Assigns

(c.1) Charlene Shortt  
PO Box 1818  
Cedar Bluff, VA 24609

0.0382 acres  
1/11 of 0.42 acres                      0.0008%

(d) Glenward Jason Shortt  
128 And Street  
Pounding Mill, VA 24637

0.0382 acres  
1/11 of 0.42 acres                      0.0008%

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	Acres in Unit	Interest in Unit
(e) Ballard Charlie Shortt Heirs, Deivsees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0382 acres 1/11 of 0.42 acres	0.0008%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0382 acres 1/11 of 0.42 acres	0.0008%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0382 acres 1/11 of 0.42 acres	0.0008%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0382 acres 1/11 of 0.42 acres	0.0008%
(i) Garnie Jean Thomson <i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWROS, DB 472/104</i>		
(i.1) Harold B. Shortt <i>(DOD 1/6/2017)</i>		
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0382 acres 1/11 of 0.42 acres	0.0008%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0382 acres 1/11 of 0.42 acres	0.0008%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0191 acres 1/22 of 0.42 acres	0.0004%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0191 acres 1/22 of 0.42 acres	0.0004%
<b>OR</b>		
(1) Robert and Jackie Rose 1008 Shortts Road Raven, VA 24639	0.42 acres	0.0084%

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	Acres in Unit	Interest in Unit
<b><u>Tract #37A - 0.76 Acres</u></b>		
<i>***Cloud on Title - When Tom Short acquired title to the parent tract of which this property is a portion, he also obtained title to the gas and oil. He then conveyed the property to his wife (Bertha) and reserved all minerals in DB 190/119. Bertha later conveyed back to Tom in DB 217/438, with the same reservation language, though she owned no mineral to reserve. Tom again conveyed to Bertha in DB 281/12, reserving all mineral. Bertha again conveyed to Tom in DB 331/248, and again reserved mineral she did not own. Tom Short and Bertha Short conveyed to Walter M. Short and Jeanette H. Short, in DB 342/400, a 3.2 acre parcel, referencing as the source of title DB 331/248 wherein Bertha reserved mineral she did not own, as the mineral reservation language. The intent of Bertha and Tom Short may have been to reserve all mineral, however, the source reservation language reference within DB 342/400 fails. Correction deeds are necessary to vest title to the oil and gas in either the heirs of Tom Short, or the current surface owners, Robert and Jackie Rose.</i>		
(1) Walter Shortt, et al	0.76 acres	0.0151%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0691 acres 1/11 of 0.76 acres	0.0014%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0230 acres 1/33 of 0.76 acres	0.0005%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0230 acres 1/33 of 0.76 acres	0.0005%
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0115 acres 1/66 of 0.76 acres	0.0002%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0115 acres 1/66 of 0.76 acres	0.0002%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0691 acres 1/11 of 0.76 acres	0.0014%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0691 acres 1/11 of 0.76 acres	0.0014%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0691 acres 1/11 of 0.76 acres	0.0014%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0691 acres 1/11 of 0.76 acres	0.0014%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0691 acres 1/11 of 0.76 acres	0.0014%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0691 acres 1/11 of 0.76 acres	0.0014%
(i) Garnie Jean Thomson	<i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWROS, DB 472/104</i>	
(i.1) Harold B. Shortt	<i>(DOD 1/6/2017)</i>	
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0691 acres 1/11 of 0.76 acres	0.0014%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0691 acres 1/11 of 0.76 acres	0.0014%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0345 acres 1/22 of 0.76 acres	0.0007%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0345 acres 1/22 of 0.76 acres	0.0007%
<b>OR</b>		
(1) Robert and Jackie Rose 1008 Shortts Road Raven, VA 24639	0.76 acres	0.0151%
<b><u>Tract #37B - 8.89 Acres</u></b>		
(1) Walter Shortt, et al	8.89 acres	0.1771%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.8082 acres 1/11 of 8.89 acres	0.0161%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.2694 acres 1/33 of 8.89 acres	0.0054%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.2694 acres 1/33 of 8.89 acres	0.0054%
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.1347 acres 1/66 of 8.89 acres	0.0027%

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	Acres in Unit	Interest in Unit
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.1347 acres 1/66 of 8.89 acres	0.0027%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.8082 acres 1/11 of 8.89 acres	0.0161%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.8082 acres 1/11 of 8.89 acres	0.0161%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.8082 acres 1/11 of 8.89 acres	0.0161%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.8082 acres 1/11 of 8.89 acres	0.0161%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.8082 acres 1/11 of 8.89 acres	0.0161%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.8082 acres 1/11 of 8.89 acres	0.0161%
(i) Garnie Jean Thomson <i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWROS, DB 472/104</i>		
(i.1) Harold B. Shortt <i>(DOD 1/6/2017)</i>		
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.8082 acres 1/11 of 8.89 acres	0.0161%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.8082 acres 1/11 of 8.89 acres	0.0161%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.4041 acres 1/22 of 8.89 acres	0.0081%

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	Acres in Unit	Interest in Unit
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.4041 acres 1/22 of 8.89 acres	0.0081%
<b><u>Tract #37C - 1.01 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	1.01 acres	0.0201%
<b><u>Tract #37D - 0.20 Acres</u></b>		
(1) Walter Shortt, et al	0.20 acres	0.0040%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0182 acres 1/11 of 0.20 acres	0.0004%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0061 acres 1/33 of 0.20 acres	0.0001%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0061 acres 1/33 of 0.20 acres	0.0001%
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0030 acres 1/66 of 0.20 acres	0.0001%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0030 acres 1/66 of 0.20 acres	0.0001%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0182 acres 1/11 of 0.20 acres	0.0004%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0182 acres 1/11 of 0.20 acres	0.0004%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0182 acres 1/11 of 0.20 acres	0.0004%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0182 acres 1/11 of 0.20 acres	0.0004%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0182 acres 1/11 of 0.20 acres	0.0004%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0182 acres 1/11 of 0.20 acres	0.0004%
(i) Garnie Jean Thomson	<i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWROS, DB 472/104</i>	
(i.1) Harold B. Shortt	<i>(DOD 1/6/2017)</i>	
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0182 acres 1/11 of 0.20 acres	0.0004%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0182 acres 1/11 of 0.20 acres	0.0004%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0091 acres 1/22 of 0.20 acres	0.0002%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0091 acres 1/22 of 0.20 acres	0.0002%
<b><u>Tract #37E - 0.04 Acres</u></b>		
(1) Walter Shortt, et al	0.04 acres	0.0008%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0036 acres 1/11 of 0.04 acres	0.0001%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0012 acres 1/33 of 0.04 acres	0.0000%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0012 acres 1/33 of 0.04 acres	0.0000%
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0006 acres 1/66 of 0.04 acres	0.0000%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0006 acres 1/66 of 0.04 acres	0.0000%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0036 acres 1/11 of 0.04 acres	0.0001%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0036 acres 1/11 of 0.04 acres	0.0001%
(e) Ballard Charlie Shortt Heirs, Deivsees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0036 acres 1/11 of 0.04 acres	0.0001%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0036 acres 1/11 of 0.04 acres	0.0001%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0036 acres 1/11 of 0.04 acres	0.0001%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0036 acres 1/11 of 0.04 acres	0.0001%
(j) Garnie Jean Thomson <i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWR0S, DB 472/104</i>		
(i.1) Harold B. Shortt <i>(DOD 1/6/2017)</i>		
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0036 acres 1/11 of 0.04 acres	0.0001%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0036 acres 1/11 of 0.04 acres	0.0001%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0018 acres 1/22 of 0.04 acres	0.0000%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0018 acres 1/22 of 0.04 acres	0.0000%

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	Acres in Unit	Interest in Unit
<b><u>Tract #38 - 2.04 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	2.04 acres	0.0406%
<b><u>Tract #39 - 2.65 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	2.65 acres	0.0528%
<b><u>Tract #40A - 212.51 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	212.51 acres	4.2336%
<b><u>Tract #40B - 0.49 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	0.49 acres	0.0098%
<b><u>Tract #41A - 43.66 Acres</u></b>		
(1) Gary Addison, et al		
(a) Doris Addison 1305 Terrace Court Sykesville, MD 21784	43.66 acres	0.8698%
	<i>Life Estate</i>	
<i>By Instrument #230000095 Gary Curtis Addison, Warren Drew Addison, Lucinda Margaret Wasserman, and Anna Marie Hooper (Assignors) assign all right to royalties due to Assignors to Doris Betty Addison as Assignee for and during her natural life</i>		
<i>By Instrument #230000096 Doris Betty Addison, Gary Curtis Addison, Warren Drew Addison, Lucinda Margaret Wasserman, and Anna Marie Hooper (Grantors) and Doris Betty Addison (hereinafter called Life Tenant) and Gary Curtis Addison, Warren Drew Addison, Lucinda Margaret Wasserman, and Anna Marie Hooper (hereinafter called Remainderman) executed a Deed of Correction for the purpose of clarifying the intent of the parties to Instrument 090001401 was to grant and convey unto the Life Tenant all minerals together with all rents and royalties generated by the same, and further grant and convey unto the Remainderman as joint tenants with rights of survivorship a remainder interest in the properties together with the right with the Life Tenant to receive equal portions of any monies paid as reimbursement for damages to said property.</i>		
(b) Gary Addison 1305 Terrace Court Sykesville, MD 21784		
(c) Warren Addison 1305 Terrace Court Sykesville, MD 21784		
(d) Anna Marie Hooper 2219 Sykesville Rd #2 Westminster, MD 21157		
(e) Lucinda Wasserman 3801 Rinehart Road Westminster, MD 21158		
<b><u>Tract #41B - 23.97 Acres</u></b>		
(1) Curtis Elster Wade Heirs	23.97 acres	0.4775%
(a) Laura B. Wade Heirs, Devisees, Successors, or Assigns		
(a.1) Curtis R. Wade 926 High Point Drive Mount Dora, FL 32757	3.4243 acres 1/7 of 23.97 acres	0.0682%

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	Acres in Unit	Interest in Unit
(a.2) Barbara W. Hendrix 127 W Meldody Drive Jesup, GA 31545	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.3) Susan J. Wade 6745 N Richmond Street Chicago, IL 60645	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.4) Lydia R. Freund 734 Norton Avenue Mundelein, IL 60060	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.5) Thelma Josie Wade 16330 Old Timber Road Abingdon, VA 24210	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.6) Julia W. Beckman 12500 Virtudes Street Coral Gables, FL 33156	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.7) Nathan Wade 115 Hillrose Avenue Greenville, SC 29609	3.4243 acres 1/7 of 23.97 acres	0.0682%
<b><u>Tract #41C - 10.72 Acres</u></b>		
(1) Gerald K. Shortt 1475 Shortts Road Raven, VA 24639	10.72 acres	0.2136%
<b><u>Tract #41D - 3.41 Acres</u></b>		
(1) Rondal & Freda Wade, TE 1053 Short Hill Road Raven, VA 24639	3.41 acres	0.0679%
<b><u>Tract #41E - 1.72 Acres</u></b>		
(1) Jimmy & Linda Wade, TE 1333 Short Hill Road Raven, VA 24639	1.72 acres	0.0343%
<b><u>Tract #41F - 1.66 Acres</u></b>		
(1) Evelyn Sprinkle Brown Heirs, Devisees, Successors, or Assigns	1.66 acres	0.0331%
(a) Dianne Creed 18593 Ironwood Loop Abingdon, VA 24210	0.5533 acres 1/3 of 1.66 acres	0.0110%
(b) William Richard Brown 1907 Riverside Drive Raven, VA 24639	0.5533 acres 1/3 of 1.66 acres	0.0110%
(c) Dorothy Wallace 410 First Street Spencer, NC 28159	0.5533 acres 1/3 of 1.66 acres	0.0110%
<b><u>Tract #41G - 0.25 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	0.25 acres	0.0050%

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	Acres in Unit	Interest in Unit
<b><u>Tract #41H - 1.45 Acres</u></b>		
(1) Elmer & Elsie Burke, TE 1759 Riverside Dr Raven, VA 24639	1.45 acres	0.0289%
<b><u>Tract #42 - 301.84 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	301.84 acres	6.0133%
<b><u>Tract #43 - 125.72 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	125.72 acres	2.5046%
<b><u>Tract #44 - 882.64 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	882.64 acres	17.5840%
<b><u>Tract #45 - 623.54 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	623.54 acres	12.4222%

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	Acres in Unit	Interest in Unit
<b>II. OIL &amp; GAS OWNERSHIP</b>		
<b><u>Tract #2 - 15.14 Acres</u></b>		
(1) Gary Davis, et al	15.14 acres	0.3016%
(a) Gary Davis 1189 Point Road Raven, VA 24639	6.056 acres 2/5 of 15.14 acres	0.1206%
(b) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	3.028 acres 1/5 of 15.14 acres	0.0603%
(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	0.0603%
Total Tract Acres 12.11 Total Tract Percentage 0.2413%		
<b><u>Tract #3 - 1.67 Acres</u></b>		
(1) Gary Davis, et al	1.67 acres	0.0333%
(a) Gary C. Davis 1189 Point Road Raven, VA 24639	0.223 acres 2/15 of 1.67 acres	0.0044%
(b) Patsy 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	0.0044%
(c) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
(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	0.0044%
(e) Jacqueline Davis PO Box 183 Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
(f) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.223 acres 2/15 of 1.67 acres	0.0044%
Total Tract Acres 1.34 Total Tract Percentage 0.0266%		

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	Acres in Unit	Interest in Unit
<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>		
<b>(1)</b> Loya Edgar Davis Compton Heirs, Devisees, Successors or Assigns <i>(6 Acre Tract)</i>	0.88 acres	0.0175%
(a) Allie I. Davis Clowers 150 County Road 161 Riceville, TN 37370	0.11 acres 1/8 of 0.88 acres	0.0022%
(b) Buford Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	0.11 acres 1/8 of 0.88 acres	0.0022%
(c) Billy D. Davis Heirs, Devisees, Successors or Assigns		
(c.1) Billy Michael Davis 1839 W. Market Street Smithfield, NC 27577	0.06 acres 1/16 of 0.88 acres	0.0011%
(c.2) Lisa Diane Davis 1839 W. Market Street Smithfield, NC 27577	0.06 acres 1/16 of 0.88 acres	0.0011%
(d) Joe Darrell Davis 1752 Sandy Gap Rd. Raven, VA 24639	0.11 acres 1/8 of 0.88 acres	0.0022%
(e) Bobby Davis 101 Able Road Cedar Bluff, VA 24609	0.11 acres 1/8 of 0.88 acres	0.0022%
(f) Gary Davis 1189 Point Road Raven, VA 24639	0.11 acres 1/8 of 0.88 acres	0.0022%
(g) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	0.11 acres 1/8 of 0.88 acres	0.0022%
(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	0.11 acres 1/8 of 0.88 acres	0.0022%
Total Tract Acres 0.88 Total Tract Percentage 0.0175%		

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	Acres in Unit	Interest in Unit
<b><u>Tract #7 - 41.40 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>(71.75 acre tract)</i>	41.40 acres	0.8248%
(a) Allie Davis Clowers 150 County Road 161 Riceville, TN 37370	5.18 acres 1/8 of 41.40 acres	0.1031%
(b) Buford Davis Heirs, Devisees, Successors, or Assigns		
(b.1) Doris Davis 827 Green Acres Street Pounding Mill, VA 24637	5.18 acres 1/8 of 41.40 acres	0.1031%
(c) Billy D. Davis Heirs, Devisees, Successors or Assigns		
(c.1) Billy Michael Davis 1839 W. Market Street Smithfield, NC 27577	2.59 acres 1/16 of 41.40 acres	0.0515%
(c.2) Lisa Diane Davis 1839 W Market Street Smithfield, NC 27577	2.59 acres 1/16 of 41.40 acres	0.0515%
(d) Joe Darrell Davis 1752 Sandy Gap Rd. Raven, VA 24639	5.18 acres 1/8 of 41.40 acres	0.1031%
(e) Bobby Davis 101 Able Road Cedar Bluff, VA 24609	5.18 acres 1/8 of 41.40 acres	0.1031%
(f) Gary Davis 1189 Point Road Raven, VA 24639	5.18 acres 1/8 of 41.40 acres	0.1031%
(g) Larry Wayne Davis PO Box 183 Pounding Mill, VA 24637	5.18 acres 1/8 of 41.40 acres	0.1031%
(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	5.18 acres 1/8 of 41.40 acres	0.1031%
Total Tract Acres 41.40		
Total Tract Percentage 0.8248%		
<b><u>Tract #15 - 3.01 Acres</u></b>		
(1) Commonwealth of Virginia Department of Highways 2111 Bonham Road Bristol, VA 24201	3.01 acres	0.0600%

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	Acres in Unit	Interest in Unit
<b><u>Tract #20 - 2.07 Acres</u></b>		
(1) Thomas P. Stilwell 1898 Old Kentucky Turnpike Road Raven, VA 24639	2.07 acres	0.0412%
<b><u>Tract #23 - 7.12 Acres</u></b>		
(1) Pocahontas Gas LLC, et al <i>(47.90 Acre Tract)</i>	7.12 acres	0.1418%
(b) Ruie McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1) Junior C. McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1.1) Janet E. McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1.1.1) Johnny Dwight McGlothlin 820 Baptist Valley Road Cedar Bluff, VA 24609	0.01 acres 1/672 of 7.12 acres	0.0002%
(b.2) Helen Adams Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.03 acres 1/224 of 7.12 acres	0.0006%
(b.2.1) Bernie Gene Adams 14309 Phoenix Road Phoenix, MD 21131		
(b.2.2) Michael Adams 220 E Lakeview Street Umatilla, FL 32784		
(b.3) Ruby Lee Zwald Heirs, Devisees, Successors, or Assigns		
(b.4.1) Walter Lawrence Finney Heirs, Devisees, Successors, or Assigns		
(b.4.1.1) Shelby Ann Finney 195 Finney Drive Cedar Bluff, VA 24609	0.03 acres 1/224 of 7.12 acres	0.0006%
(b.4) Mary R. Barnett Heirs, Devisees, Successors, or Assigns		
(b.4.1) Cheryl Keen Tucker 170 Charleston Place Daleville, VA 24083	0.03 acres 1/224 of 7.12 acres	0.0006%
Total Tract Acres 0.11 Total Tract Percentage 0.0021%		
<b><u>Tract #29A - 5.59 Acres</u></b>		
(1) Janice L. & Jeremy W. Davis, TE 1011 Betsy Branch Road Raven, VA 24639	5.59 acres	0.1114%
<b><u>Tract #29B - 3.74 Acres</u></b>		
(1) William & Hannalore Engardio, T/E 3187 Riverside Drive Raven, VA 24639	3.74 acres	0.0745%

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	Acres in Unit	Interest in Unit
<b><u>Tract #29D - 1.24 Acres</u></b>		
(1) Danny Wayne Hinkle PO Box 571 Oakwood, VA 24631	1.24 acres	0.0247%
<b><u>Tract #29E - 9.87 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	9.87 acres	0.1966%
<b><u>Tract #29F - 3.97 Acres</u></b>		
(1) Russell V. and Anita Presley, TE PO Box 463 Keen Mountain, VA 24624	3.97 acres	0.0791%
<b><u>Tract #29G - 0.08 Acres</u></b>		
(1) Jadco, Inc. 3081 Riverside Drive Raven, VA 24639	0.08 acres	0.0016%
<b><u>Tract #29H - 0.61 Acres</u></b>		
(1) Jadco, Inc. 3081 Riverside Drive Raven, VA 24639	0.61 acres	0.0122%
<b><u>Tract #29I - 0.23 Acres</u></b>		
(1) Jadco, Inc. 3081 Riverside Drive Raven, VA 24639	0.23 acres	0.0046%
<b><u>Tract #29L - 1.16 Acres</u></b>		
(1) Joel D. & Brenda L. Burke PO Box 33 Rowe, VA 24646	1.16 acres	0.0231%
<b><u>Tract #29O - 1.98 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	1.98 acres	0.0394%
<b><u>Tract #29R - 0.50 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	0.50 acres	0.0100%
<b><u>Tract #29S - 0.68 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	0.68 acres	0.0135%

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	Acres in Unit	Interest in Unit
<b><u>Tract #29U - 3.39 Acres</u></b>		
(1) Patrick Counts 1665 Riverside Drive Raven, VA 24639	3.39 acres	0.0675%
<b><u>Tract #29W - 0.90 Acres</u></b>		
(1) Grady W. & Pauline J. McGlothlin PO Box 955 Raven, VA 24639	0.90 acres	0.0179%
<b><u>Tract #29X - 1.10 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	1.10 acres	0.0219%
<b><u>Tract #29Y - 0.89 Acres</u></b>		
(1) Oris Cantrell Heirs, Devisees, Successors, or Assigns	0.89 acres	0.0177%
(a) Amy Mae Hess PO Box 922 Vansant, VA 24656	0.2225 acres 1/4 of 0.89 acres	0.0044%
(b) Jamie Cantrell 478 Pacific Ave, Apt E Virginia Beach, VA 23451	0.2225 acres 1/4 of 0.89 acres	0.0044%
(c) Penny Falck 2390 Glade Drive Christiansburg, VA 24073	0.2225 acres 1/4 of 0.89 acres	0.0044%
(d) Cathleen Arrington 7342 Pine Street Radford, VA 24141	0.2225 acres 1/4 of 0.89 acres	0.0044%
Total Tract Acres 0.89 Total Tract Percentage 0.0177%		
<b><u>Tract #33A - 26.89 Acres</u></b>		
(1) Pocahontas Gas LLC, et al <i>(37.00 Acre Tract)</i>	26.89 acres	0.5357%
(b) Ruie McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1) Junior C. McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1.1) Janet E. McGlothlin Heirs, Devisees, Successors, or Assigns		
(b.1.1.1) Johnny Dwight McGlothlin 820 Baptist Valley Road Cedar Bluff, VA 24609	0.040 acres 1/672 of 26.89 acres	0.0008%
(b.2) Helen Adams Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.120 acres 1/224 of 26.89 acres	0.0024%

**Exhibit B3**  
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	Acres in Unit	Interest in Unit
(b.2.1) Bernie Gene Adams 14309 Phoenix Road Phoenix, MD 21131		
(b.2.2) Michael Adams 220 E Lakeview Street Umatilla, FL 32784		
(b.3) Ruby Lee Zwald Heirs, Devisees, Successors, or Assigns		
(b.4.1) Walter Lawrence Finney Heirs, Devisees, Successors, or Assigns		
(b.4.1.1) Shelby Ann Finney 195 Finney Drive Cedar Bluff, VA 24609	0.120 acres 1/224 of 26.89 acres	0.0024%
(b.4) Mary R. Barnett Heirs, Devisees, Successors, or Assigns		
(b.4.1) Cheryl Keen Tucker 170 Charleston Place Daleville, VA 24083	0.120 acres 1/224 of 26.89 acres	0.0024%
Total Tract Acres 0.40 Total Tract Percentage 0.0080%		
<b><u>Tract #33B - 2.31 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	2.31 acres	0.0460%
<b><u>Tract #33C - 1.62 Acres</u></b>		
(1) Jimmy Lee McGlothlin PO Box 987 Raven, VA 24639	1.62 acres	0.0323%
<b><u>Tract #36A - 19.31 Acres</u></b>		
(1) Bernard Shortt, et al	19.31 acres	0.3847%
(a) Roy Bernard and Linda Ruth Shortt 642 Shortts Road Raven, VA 24639	<i>Life Estate</i>	
(b) Joshua Andrew Shortt* ( <i>DOD 8/25/2021</i> )		
(c) Barney Andrew Shortt* 728 Shortts Road Raven, VA 24639	9.655 acres 1/2 of 19.31 acres	0.1923%
(d) Janet Shortt* 728 Shortts Road Raven, VA 24639	9.655 acres 1/2 of 19.31 acres	0.1923%
<i>*Joshua Andrew Shortt, Barney Andrew Shortt, and Janet Shortt were conveyed ownership as joint tenants with right of survivorship</i>		
Total Tract Acres 19.31 Total Tract Percentage 0.3847%		

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	Acres in Unit	Interest in Unit
<b><u>Tract #36B - 0.19 Acres</u></b>		
<b>(1) Barney Shortt, et al</b>		
(a) Roy Bernard and Linda Ruth Shortt 642 Shortts Road Raven, VA 24639	<i>Life Estate</i>	
(b) Barney Andrew and Janet Shortt** 728 Shortts Road Raven, VA 24639 <i>**Tenants in entirety with right of survivorship</i>	0.19 acres	0.0038%
<b><u>Tract #36C - 0.42 Acres</u></b>		
<i>***Cloud on Title - When Tom Shortt acquired title to the parent tract of which this property is a portion, he also obtained title to the gas and oil. He then conveyed the property to his wife (Bertha) and reserved all minerals in DB 190/119. Bertha later conveyed back to Tom in DB 217/438, with the same reservation language, though she owned no mineral to reserve. Tom again conveyed to Bertha in DB 281/12, reserving all mineral. Bertha again conveyed to Tom in DB 331/248, and again reserved mineral she did not own. Tom Shortt and Bertha Shortt conveyed to Walter M. Shortt and Jeanette H. Shortt, in DB 342/400, a 3.2 acre parcel, referencing as the source of title DB 331/248 wherein Bertha reserved mineral she did not own, as the mineral reservation language. The intent of Bertha and Tom Shortt may have been to reserve all mineral, however, the source reservation language reference within DB 342/400 fails. Correction deeds are necessary to vest title to the oil and gas in either the heirs of Tom Shortt, or the current surface owners, Robert and Jackie Rose.</i>		
<b>(1) Walter Shortt, et al</b>	0.42 acres	0.0084%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0382 acres 1/11 of 0.42 acres	0.0008%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0127 acres 1/33 of 0.42 acres	0.0003%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0127 acres 1/33 of 0.42 acres	0.0003%
(b.3) Larry Walter Shortt	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0064 acres 1/66 of 0.42 acres	0.0001%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0064 acres 1/66 of 0.42 acres	0.0001%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0382 acres 1/11 of 0.42 acres	0.0008%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0382 acres 1/11 of 0.42 acres	0.0008%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(h.1) Earlean Shortt Heirs, Deviseses, Successors, or Assigns <i>(Documentation Pending)</i>	0.0382 acres 1/11 of 0.42 acres	0.0008%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0382 acres 1/11 of 0.42 acres	0.0008%
(g) Maudie Short Bronson Heirs, Deviseses, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0382 acres 1/11 of 0.42 acres	0.0008%
(h) Effie Shortt Heirs, Deviseses, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0382 acres 1/11 of 0.42 acres	0.0008%
(i) Garnie Jean Thomson	<i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWR0S, DB 472/104</i>	
(i.1) Harold B. Shortt	<i>(DOD 1/6/2017)</i>	
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0382 acres 1/11 of 0.42 acres	0.0008%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0382 acres 1/11 of 0.42 acres	0.0008%
(k) Raymond B. Short Heirs, Deviseses, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Deviseses, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0191 acres 1/22 of 0.42 acres	0.0004%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0191 acres 1/22 of 0.42 acres	0.0004%
<b>OR</b>		
(1) Robert and Jackie Rose 1008 Shortts Road Raven, VA 24639	0.42 acres	0.0084%
Total Tract Acres		0.42
Total Tract Percentage		0.0084%

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	Acres in Unit	Interest in Unit
<b><u>Tract #37A - 0.76 Acres</u></b>		
<i>***Cloud on Title - When Tom Shortt acquired title to the parent tract of which this property is a portion, he also obtained title to the gas and oil. He then conveyed the property to his wife (Bertha) and reserved all minerals in DB 190/119. Bertha later conveyed back to Tom in DB 217/438, with the same reservation language, though she owned no mineral to reserve. Tom again conveyed to Bertha in DB 281/12, reserving all mineral. Bertha again conveyed to Tom in DB 331/248, and again reserved mineral she did not own. Tom Shortt and Bertha Shortt conveyed to Walter M. Shortt and Jeanette H. Shortt, in DB 342/400, a 3.2 acre parcel, referencing as the source of title DB 331/248 wherein Bertha reserved mineral she did not own, as the mineral reservation language. The intent of Bertha and Tom Shortt may have been to reserve all mineral, however, the source reservation language reference within DB 342/400 fails. Correction deeds are necessary to vest title to the oil and gas in either the heirs of Tom Shortt, or the current surface owners, Robert and Jackie Rose.</i>		
(1) Walter Shortt, et al	0.76 acres	0.0151%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0691 acres 1/11 of 0.76 acres	0.0014%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0230 acres 1/33 of 0.76 acres	0.0005%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0230 acres 1/33 of 0.76 acres	0.0005%
(b.3) Larry Walter Shortt	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0115 acres 1/66 of 0.76 acres	0.0002%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0115 acres 1/66 of 0.76 acres	0.0002%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0691 acres 1/11 of 0.76 acres	0.0014%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0691 acres 1/11 of 0.76 acres	0.0014%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0691 acres 1/11 of 0.76 acres	0.0014%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0691 acres 1/11 of 0.76 acres	0.0014%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0691 acres 1/11 of 0.76 acres	0.0014%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0691 acres 1/11 of 0.76 acres	0.0014%
(i) Garnie Jean Thomson	<i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWROS, DB 472/104</i>	
(i.1) Harold B. Shortt	<i>(DOD 1/6/2017)</i>	
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0691 acres 1/11 of 0.76 acres	0.0014%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0691 acres 1/11 of 0.76 acres	0.0014%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0345 acres 1/22 of 0.76 acres	0.0007%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0345 acres 1/22 of 0.76 acres	0.0007%
<b>OR</b>		
(1) Robert and Jackie Rose 1008 Shortts Road Raven, VA 24639	0.76 acres	0.0151%
Total Tract Acres		0.76
Total Tract Percentage		0.0151%
<b><u>Tract #37B - 8.89 Acres</u></b>		
(1) Walter Shortt, et al	8.89 acres	0.1771%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.8082 acres 1/11 of 8.89 acres	0.0161%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.2694 acres 1/33 of 8.89 acres	0.0054%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.2694 acres 1/33 of 8.89 acres	0.0054%

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	Acres in Unit	Interest in Unit
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.1347 acres 1/66 of 8.89 acres	0.0027%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.1347 acres 1/66 of 8.89 acres	0.0027%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.8082 acres 1/11 of 8.89 acres	0.0161%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.8082 acres 1/11 of 8.89 acres	0.0161%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.8082 acres 1/11 of 8.89 acres	0.0161%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.8082 acres 1/11 of 8.89 acres	0.0161%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.8082 acres 1/11 of 8.89 acres	0.0161%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.8082 acres 1/11 of 8.89 acres	0.0161%
(i) Garnie Jean Thomson	<i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWRWS, DB 472/104</i>	
(i.1) Harold B. Shortt	<i>(DOD 1/6/2017)</i>	
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.8082 acres 1/11 of 8.89 acres	0.0161%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.8082 acres 1/11 of 8.89 acres	0.0161%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.4041 acres 1/22 of 8.89 acres	0.0081%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.4041 acres 1/22 of 8.89 acres	0.0081%
Total Tract Acres	8.89	
Total Tract Percentage	0.1771%	
<b><u>Tract #37C - 1.01 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	1.01 acres	0.0201%
<b><u>Tract #37D - 0.20 Acres</u></b>		
(1) Walter Shortt, et al	0.20 acres	0.0040%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0182 acres 1/11 of 0.20 acres	0.0004%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0061 acres 1/33 of 0.20 acres	0.0001%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0061 acres 1/33 of 0.20 acres	0.0001%
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0030 acres 1/66 of 0.20 acres	0.0001%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0030 acres 1/66 of 0.20 acres	0.0001%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0182 acres 1/11 of 0.20 acres	0.0004%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0182 acres 1/11 of 0.20 acres	0.0004%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(h.1) Earlean Shortt Heirs, Deviseses, Successors, or Assigns <i>(Documentation Pending)</i>	0.0182 acres 1/11 of 0.20 acres	0.0004%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0182 acres 1/11 of 0.20 acres	0.0004%
(g) Maudie Short Bronson Heirs, Deviseses, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0182 acres 1/11 of 0.20 acres	0.0004%
(h) Effie Shortt Heirs, Deviseses, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0182 acres 1/11 of 0.20 acres	0.0004%
(i) Garnie Jean Thomson	<i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWR0S, DB 472/104</i>	
(i.1) Harold B. Shortt	<i>(DOD 1/6/2017)</i>	
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0182 acres 1/11 of 0.20 acres	0.0004%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0182 acres 1/11 of 0.20 acres	0.0004%
(k) Raymond B. Short Heirs, Deviseses, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Deviseses, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0091 acres 1/22 of 0.20 acres	0.0002%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0091 acres 1/22 of 0.20 acres	0.0002%
	Total Tract Acres Total Tract Percentage	0.20 0.0040%
<b><u>Tract #37E - 0.04 Acres</u></b>		
(1) Walter Shortt, et al	0.04 acres	0.0008%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0036 acres 1/11 of 0.04 acres	0.0001%
(b) Walter Mervin Shortt Heirs, Deviseses, Successors, or Assigns		

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	Acres in Unit	Interest in Unit
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0012 acres 1/33 of 0.04 acres	0.0000%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0012 acres 1/33 of 0.04 acres	0.0000%
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0006 acres 1/66 of 0.04 acres	0.0000%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0006 acres 1/66 of 0.04 acres	0.0000%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0036 acres 1/11 of 0.04 acres	0.0001%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0036 acres 1/11 of 0.04 acres	0.0001%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0036 acres 1/11 of 0.04 acres	0.0001%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0036 acres 1/11 of 0.04 acres	0.0001%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0036 acres 1/11 of 0.04 acres	0.0001%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0036 acres 1/11 of 0.04 acres	0.0001%
(i) Garnie Jean Thomson	<i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWR0S, DB 472/104</i>	
(i.1) Harold B. Shortt	<i>(DOD 1/6/2017)</i>	

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	Acres in Unit	Interest in Unit
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0036 acres 1/11 of 0.04 acres	0.0001%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0036 acres 1/11 of 0.04 acres	0.0001%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0018 acres 1/22 of 0.04 acres	0.0000%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0018 acres 1/22 of 0.04 acres	0.0000%
Total Tract Acres	0.04	
Total Tract Percentage	0.0008%	

**Tract #41B - 23.97 Acres**

(1) Curtis Elster Wade Heirs	23.97 acres	0.4775%
(a) Laura B. Wade Heirs, Devisees, Successors, or Assigns		
(a.1) Curtis R. Wade 926 High Point Drive Mount Dora, FL 32757	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.2) Barbara W. Hendrix 127 W Meldody Drive Jesup, GA 31545	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.3) Susan J. Wade 6745 N Richmond Street Chicago, IL 60645	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.4) Lydia R. Freund 734 Norton Avenue Mundelein, IL 60060	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.5) Thelma Josie Wade 16330 Old Timber Road Abingdon, VA 24210	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.6) Julia W. Beckman 12500 Virtudes Street Coral Gables, FL 33156	3.4243 acres 1/7 of 23.97 acres	0.0682%
(a.7) Nathan Wade 115 Hillrose Avenue Greenville, SC 29609	3.4243 acres 1/7 of 23.97 acres	0.0682%
Total Tract Acres	23.97	
Total Tract Percentage	0.4775%	

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	Acres in Unit	Interest in Unit
<b><u>Tract #41C - 10.72 Acres</u></b>		
(1) Gerald K. Shortt 1475 Shortts Road Raven, VA 24639	10.72 acres	0.2136%
<b><u>Tract #41D - 3.41 Acres</u></b>		
(1) Rondal & Freda Wade, TE 1053 Short Hill Road Raven, VA 24639	3.41 acres	0.0679%
<b><u>Tract #41E - 1.72 Acres</u></b>		
(1) Jimmy & Linda Wade, TE 1333 Short Hill Road Raven, VA 24639	1.72 acres	0.0343%
<b><u>Tract #41F - 1.66 Acres</u></b>		
(1) Evelyn Sprinkle Brown Heirs, Deviseses, Successors, or Assigns	1.66 acres	0.0331%
(a) Dianne Creed 18593 Ironwood Loop Abingdon, VA 24210	0.5533 acres 1/3 of 1.66 acres	0.0110%
(b) William Richard Brown 1907 Riverside Drive Raven, VA 24639	0.5533 acres 1/3 of 1.66 acres	0.0110%
(c) Dorothy Wallace 410 First Street Spencer, NC 28159	0.5533 acres 1/3 of 1.66 acres	0.0110%
Total Tract Acres	1.66	
Total Tract Percentage	0.0331%	
<b><u>Tract #41G - 0.25 Acres</u></b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201	0.25 acres	0.0050%
<b><u>Tract #41H - 1.45 Acres</u></b>		
(1) Elmer & Elsie Burke, TE 1759 Riverside Dr Raven, VA 24639	1.45 acres	0.0289%
<b><u>TOTAL UNLEASED OIL AND GAS ESTATE</u></b>		
	Total Acres	175.17
	Total Percentage	3.4898%

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EXHIBIT C

Equipment & Construction	\$ 10,399,687.79
Site costs and Preparation	\$ 1,434,949.90
Instrument & Communication	\$ 547,351.99
Total Estimated Costs	\$ 12,381,989.68



Exhibit E  
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List of Conflicting Owners/Claimants requiring Escrow  
(5,019.57 Acre Unit)

	Acres in Unit	Interest in Unit
<b>II. OIL &amp; GAS OWNERSHIP</b>		
<b><u>Tract #36C - 0.42 Acres</u></b>		
<i>***Cloud on Title - When Tom Short acquired title to the parent tract of which this property is a portion, he also obtained title to the gas and oil. He then conveyed the property to his wife (Bertha) and reserved all minerals in DB 190/119. Bertha later conveyed back to Tom in DB 217/438, with the same reservation language, though she owned no mineral to reserve. Tom again conveyed to Bertha in DB 281/12, reserving all mineral. Bertha again conveyed to Tom in DB 331/248, and again reserved mineral she did not own. Tom Short and Bertha Short conveyed to Walter M. Short and Jeanette H. Short, in DB 342/400, a 3.2 acre parcel, referencing as the source of title DB 331/248 wherein Bertha reserved mineral she did not own, as the mineral reservation language. The intent of Bertha and Tom Short may have been to reserve all mineral, however, the source reservation language reference within DB 342/400 fails. Correction deeds are necessary to vest title to the oil and gas in either the heirs of Tom Short, or the current surface owners, Robert and Jackie Rose.</i>		
(1) Walter Shortt, et al	0.42 acres	0.0084%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0382 acres 1/11 of 0.42 acres	0.0008%
(b) Walter Mervin Shortt Heirs, Devises, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0127 acres 1/33 of 0.42 acres	0.0003%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0127 acres 1/33 of 0.42 acres	0.0003%
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0064 acres 1/66 of 0.42 acres	0.0001%
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0064 acres 1/66 of 0.42 acres	0.0001%
(c) Harold B. Shortt Heirs, Devises, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0382 acres 1/11 of 0.42 acres	0.0008%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0382 acres 1/11 of 0.42 acres	0.0008%
(e) Ballard Charlie Shortt Heirs, Deivsees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0382 acres 1/11 of 0.42 acres	0.0008%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0382 acres 1/11 of 0.42 acres	0.0008%
(g) Maudie Short Bronson Heirs, Devises, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0382 acres 1/11 of 0.42 acres	0.0008%

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(5,019.57 Acre Unit)

	Acres in Unit	Interest in Unit
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0382 acres 1/11 of 0.42 acres	0.0008%
(i) Garnie Jean Thomson	<i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWROS, DB 472/104</i>	
(i.1) Harold B. Shortt	<i>(DOD 1/6/2017)</i>	
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0382 acres 1/11 of 0.42 acres	0.0008%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0382 acres 1/11 of 0.42 acres	0.0008%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0191 acres 1/22 of 0.42 acres	0.0004%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0191 acres 1/22 of 0.42 acres	0.0004%
<b>OR</b>		
(1) Robert and Jackie Rose 1008 Shortts Road Raven, VA 24639	0.42 acres	0.0084%
<b><u>Tract #37A - 0.76 Acres</u></b>		
<i>***Cloud on Title - When Tom Short acquired title to the parent tract of which this property is a portion, he also obtained title to the gas and oil. He then conveyed the property to his wife (Bertha) and reserved all minerals in DB 190/119. Bertha later conveyed back to Tom in DB 217/438, with the same reservation language, though she owned no mineral to reserve. Tom again conveyed to Bertha in DB 281/12, reserving all mineral. Bertha again conveyed to Tom in DB 331/248, and again reserved mineral she did not own. Tom Short and Bertha Short conveyed to Walter M. Short and Jeanette H. Short, in DB 342/400, a 3.2 acre parcel, referencing as the source of title DB 331/248 wherein Bertha reserved mineral she did not own, as the mineral reservation language. The intent of Bertha and Tom Short may have been to reserve all mineral, however, the source reservation language reference within DB 342/400 fails. Correction deeds are necessary to vest title to the oil and gas in either the heirs of Tom Short, or the current surface owners, Robert and Jackie Rose.</i>		
(1) Walter Shortt, et al	0.76 acres	0.0151%
(a) Tommy Arnold Shortt PO Box 1228 Richlands, VA 24641	0.0691 acres 1/11 of 0.76 acres	0.0014%
(b) Walter Mervin Shortt Heirs, Devisees, Successors, or Assigns		
(b.1) Mervin Shortt 815 W Thornwood Drive South Elgin, IL 60177	0.0230 acres 1/33 of 0.76 acres	0.0005%
(b.2) Linda F. Grasso 4016 Silk Oak Lane Palm Harbor, FL 34685	0.0230 acres 1/33 of 0.76 acres	0.0005%
(b.3) Larry Walter Short	<i>pre-deceased</i>	
(b.3.1) Larry Short, Jr. 436 Waverly Street Kingsford, MI 49802	0.0115 acres 1/66 of 0.76 acres	0.0002%

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	Acres in Unit	Interest in Unit
(b.3.2) Tamara Beth Ham 108 Chesterfield Drive Pinehurst, NC 28374	0.0115 acres 1/66 of 0.76 acres	0.0002%
(c) Harold B. Shortt Heirs, Devisees, Successors, or Assigns		
(c.1) Charlene Shortt PO Box 1818 Cedar Bluff, VA 24609	0.0691 acres 1/11 of 0.76 acres	0.0014%
(d) Glenward Jason Shortt 128 And Street Pounding Mill, VA 24637	0.0691 acres 1/11 of 0.76 acres	0.0014%
(e) Ballard Charlie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Earlean Shortt Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0691 acres 1/11 of 0.76 acres	0.0014%
(h.1.1) Becky Harris 105 Windlass Court Moneta, VA 24121		
(f) Dorothy Short Keene 279 Townview Drive Lebanon, VA 24266	0.0691 acres 1/11 of 0.76 acres	0.0014%
(g) Maudie Short Bronson Heirs, Devisees, Successors, or Assigns		
(g.1) Kenneth Wingo 1509 East Blow Road Signal Mountain, TN 37377	0.0691 acres 1/11 of 0.76 acres	0.0014%
(h) Effie Shortt Heirs, Devisees, Successors, or Assigns		
(h.1) Garnie Jean Thomas PO Box 745 Doran, VA 24612	0.0691 acres 1/11 of 0.76 acres	0.0014%
(i) Garnie Jean Thomson <i>Conveyed 11/26/1997 to Harold Short and Glenward Short as JTWRORS, DB 472/104</i>		
(i.1) Harold B. Shortt <i>(DOD 1/6/2017)</i>		
(i.2) Glenward Jason Short 128 And Street Pounding Mill, VA 24637	0.0691 acres 1/11 of 0.76 acres	0.0014%
(j) Otis Herbert Shortt PO Box 1015 Cedar Bluff, VA 24609	0.0691 acres 1/11 of 0.76 acres	0.0014%
(k) Raymond B. Short Heirs, Devisees, Successors, or Assigns		
(k.1) Delcie Norene Short Heirs, Devisees, Successors, or Assigns		
(k.1.1) Grover Cleveland Elswick 5220 Looking Glass Trail Denver, NC 28037	0.0345 acres 1/22 of 0.76 acres	0.0007%
(k.1.2) Heather Norene Thornburg 1515 Town N Country Drive Wilkesboro, NC 28697	0.0345 acres 1/22 of 0.76 acres	0.0007%

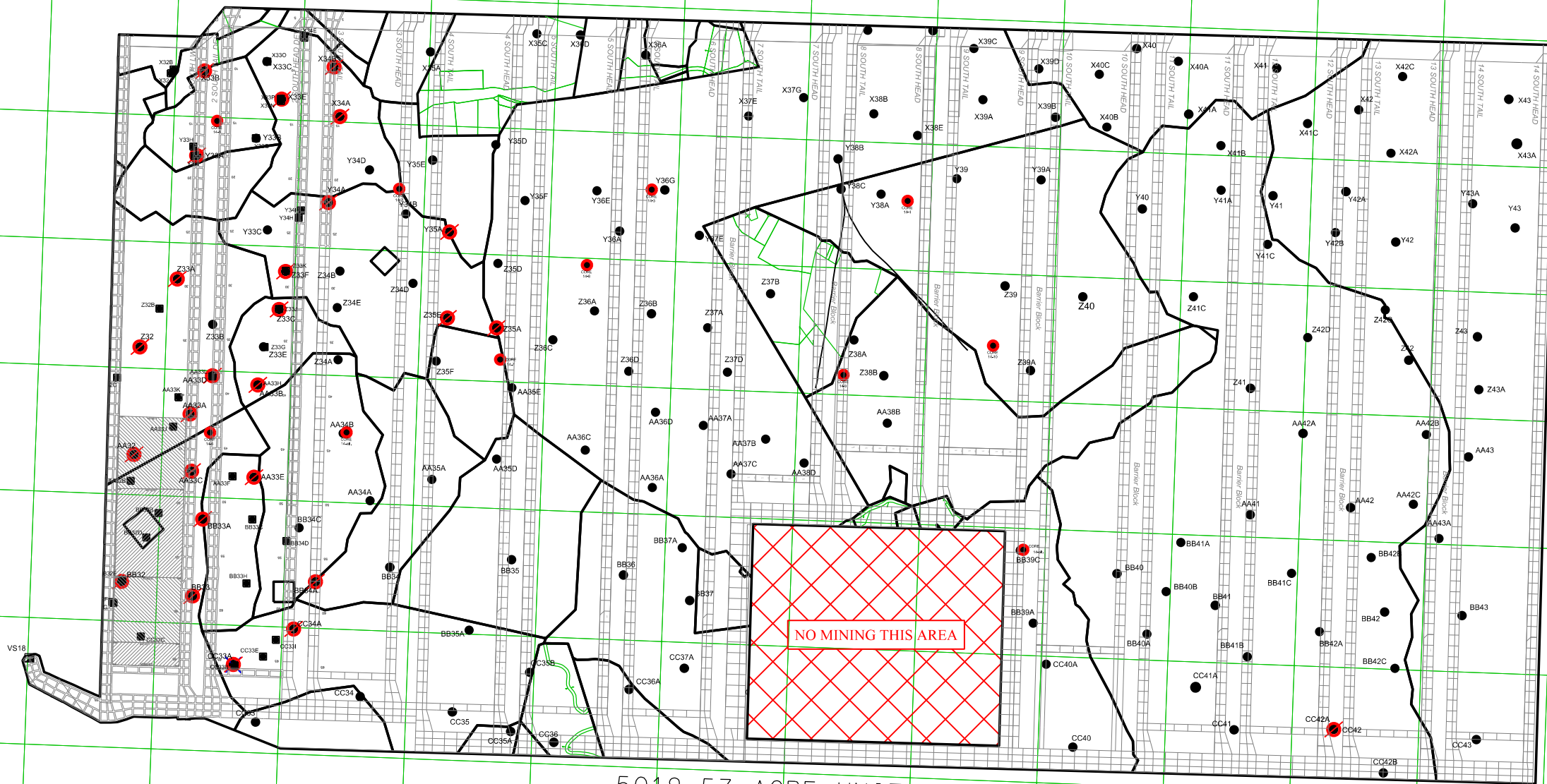
OR

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(5,019.57 Acre Unit)

	Acres in Unit	Interest in Unit
(1) Robert and Jackie Rose 1008 Shortts Road Raven, VA 24639	0.76 acres	0.0151%
	<b>Total Acres</b>	1.18
	<b>Total Percentage</b>	0.0235%

32 33 34 35 36 37 38 39 40 41 42 43

X  
Y  
Z  
AA  
BB  
CC



5019.57 ACRE UNIT

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

PROPERTY LINES SHOWN ON THIS PLAT WERE TAKEN FROM DEED DESCRIPTIONS AND CHAIN OF TITLE PROVIDED BY POCAHONTAS GAS LLC AND DOES NOT REPRESENT A CURRENT FIELD SURVEY. SEAL HEREON DOES NOT CERTIFY PROPERTY LINE ACCURACY.



Licensed Professional Surveyor (Affix Seal)

**VENT SHAFT 18**  
VGOB 23-1121-4277

DRAWN BY: PD	DATE: MAY 28, 2024
SCALE: N.T.S.	EXHIBIT A
VIRGINIA STATE PLANE NAD83 SOUTH ZONE	

Exhibit D  
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 List of all Leased Owners/Claimants being Voluntarily Pooled  
 (5,019.57 Acre Unit)

	Acres in Unit	Interest in Unit
<b>II. OIL &amp; GAS OWNERSHIP</b>		
<b><u>Tract #1A - 15.17 Acres</u></b>		
(1) Patricia Smith Cook, et al		
(a) Mildred Ratliff Smith ( <i>DOD 1/26/2021</i> )	15.17 acres	0.3022%
<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	5.0567 acres 1/3 of 15.17 acres	0.1007%
(a.2) Linda Kay Ratliff Smith PO Box 192 Hurley, VA 24620	5.0567 acres 1/3 of 15.17 acres	0.1007%
(a.3) Sandra Smith Spears 69 Carefree Lane Kilmarnock, VA 22485	5.0567 acres 1/3 of 15.17 acres	0.1007%
<b><u>Tract #1B - 3.59 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	3.59 acres	0.0715%
<b><u>Tract #2 - 15.14 Acres</u></b>		
(1) Gary Davis, et al	15.14 acres	0.3016%
(d) Ruth M. Boyd Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	3.03 acres 1/5 of 13.18 acres	0.0603%
(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 #3 - 1.67 Acres</u></b>		
(1) Gary Davis, et al	1.67 acres	0.0333%
(g) Ruth M. Boyd Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.33 acres 1/5 of 1.67 acres	0.0067%
(g.1) Gwenda Ligett 402 North Marshall Road Middletown, OH 45042		
(g.2) Wanda Zahn 138 Sweet Briar Drive Batavia, OH 45103		

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	Acres in Unit	Interest in Unit
(g.3) Candace Sue McCroy 3236 N Talbot Ave, Apt 3 Erlanger, KY 41018		
<b><u>Tract #4A - 9.01 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	9.01 acres	0.1795%
<b><u>Tract #4B - 6.70 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	6.70 acres	0.1335%
<b><u>Tract #4C - 1.57 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	1.57 acres	0.0313%
<b><u>Tract #5 - 45.89 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	45.89 acres	0.9142%
<b><u>Tract #8 - 153.04 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	153.04 acres	3.0489%
<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	0.0817%
<b><u>Tract #10 - 156.95 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	156.95 acres	3.1268%
<b><u>Tract #11 - 46.79 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	46.79 acres	0.9322%
<b><u>Tract #12 - 5.17 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	5.17 acres	0.1030%
<b><u>Tract #13 - 86.43 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	86.43 acres	1.7219%

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	Acres in Unit	Interest in Unit
<b><u>Tract #14 - 11.23 Acres</u></b>		
(1) Weyerhaeuser NR Company, et al	11.23 acres	0.2237%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	5.6150 acres 1/2 of 11.23 acres	0.1119%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	1.2478 acres 1/9 of 11.23 acres	0.0249%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	0.6239 acres 1/18 of 11.23 acres	0.0124%
(d) Weyerhaeuser NR Company PO Box 101700 Atlanta, GA 30392	3.7433 acres 1/3 of 11.23 acres	0.0746%
<b><u>Tract #16 - 152.88 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	152.88 acres	3.0457%
<b><u>Tract #17 - 2.00 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	2.00 acres	0.0398%
<b><u>Tract #18 - 38.14 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	38.14 acres	0.7598%
<b><u>Tract #19 - 115.45 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	115.45 acres	2.3000%
<b><u>Tract #21 - 162.41 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	162.41 acres	3.2355%
<b><u>Tract #22 - 35.17 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	35.17 acres	0.7007%
<b><u>Tract #23 - 7.12 Acres</u></b>		
(1) Pocahontas Gas LLC, et al (47.90 Acre Tract)	7.12 acres	0.1418%
(a) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	7.01 acres 331/336 of 7.12 acres	0.1397%

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 (5,019.57 Acre Unit)

	Acres in Unit	Interest in Unit
<b><u>Tract #24 - 91.31 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	91.31 acres	1.8191%
<b><u>Tract #25 - 134.88 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	134.88 acres	2.6871%
<b><u>Tract #26 - 39.28 Acres</u></b>		
(1) Connie Davidson 2131 Sandy Gap Road Raven, VA 24639	39.28 acres	0.7825%
<b><u>Tract #27 - 52.15 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	52.15 acres	1.0389%
<b><u>Tract #28 - 27.30 Acres</u></b>		
(1) Weyerhaeuser NR Company, et al	27.30 acres	0.5439%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	13.6500 acres 1/2 of 27.30 acres	0.2719%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	3.0333 acres 1/9 of 27.30 acres	0.0604%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	1.5167 acres 1/18 of 27.30 acres	0.0302%
(d) Weyerhaeuser NR Company PO Box 101700 Atlanta, GA 30392	9.1000 acres 1/3 of 27.30 acres	0.1813%
<b><u>Tract #29C - 3.80 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	3.80 acres	0.0757%
<b><u>Tract #29J - 0.02 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	0.02 acres	0.0004%
<b><u>Tract #29K - 47.18 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	47.18 acres	0.9399%

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	Acres in Unit	Interest in Unit
<b><u>Tract #29M - 4.54 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	4.54 acres	0.0904%
<b><u>Tract #29N - 2.33 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	2.33 acres	0.0464%
<b><u>Tract #29P - 10.54 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	10.54 acres	0.2100%
<b><u>Tract #29Q - 1.21 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	1.21 acres	0.0241%
<b><u>Tract #29T - 7.31 Acres</u></b>		
(1) Donald Ray Young 1066 E Cross Roads Drive Lebanon, VA 24266	7.31 acres	0.1456%
<b><u>Tract #29V - 1.49 Acres</u></b>		
(1) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	1.49 acres	0.0297%
<b><u>Tract #30 - 16.35 Acres</u></b>		
(1) Weyerhaeuser NR Company, et al	16.35 acres	0.3257%
(a) Yukon Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	8.1750 acres 1/2 of 16.35 acres	0.1629%
(b) Buchanan Coal Company P.O. Box 187 Tazewell, VA 24651	1.8167 acres 1/9 of 16.35 acres	0.0362%
(c) Sayers-Pocahontas Coal Company P.O. Box 187 Tazewell, VA 24651	0.9083 acres 1/18 of 16.35 acres	0.0181%
(d) Weyerhaeuser NR Company PO Box 101700 Atlanta, GA 30392	5.4500 acres 1/3 of 16.35 acres	0.1086%
<b><u>Tract #31 - 779.46 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	779.46 acres	15.5284%

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	Acres in Unit	Interest in Unit
<b><u>Tract #32 - 3.14 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	3.14 acres	0.0626%
<b><u>Tract #33A - 26.89 Acres</u></b>		
(1) Pocahontas Gas LLC, et al <i>(37.00 Acre Tract)</i>	26.89 acres	0.5357%
(a) Pocahontas Gas LLC 1000 Horizon Vue Drive, Ste 400 Canonsburg, PA 15317	26.49 acres 331/336 of 26.89 acres	0.5277%
<b><u>Tract #34 - 36.48 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	36.48 acres	0.7268%
<b><u>Tract #35 - 301.98 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	301.98 acres	6.0161%
<b><u>Tract #38 - 2.04 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	2.04 acres	0.0406%
<b><u>Tract #39 - 2.65 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	2.65 acres	0.0528%
<b><u>Tract #40A - 212.51 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	212.51 acres	4.2336%
<b><u>Tract #40B - 0.49 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	0.49 acres	0.0098%

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**(5,019.57 Acre Unit)**

	Acres in Unit	Interest in Unit
<b><u>Tract #41A - 43.66 Acres</u></b>		
<b>(1) Gary Addison, et al</b>		
(a) Doris Addison 1305 Terrace Court Sykesville, MD 21784	43.66 acres	0.8698%
<i>By Instrument #230000095 Gary Curtis Addison, Warren Drew Addison, Lucinda Margaret Wasserman, and Anna Marie Hooper (Assignors) assign all right to royalties due to Assignors to Doris Betty Addison as Assignee for and during her natural life</i>		
<i>By Instrument #230000096 Doris Betty Addison, Gary Curtis Addison, Warren Drew Addison, Lucinda Margaret Wasserman, and Anna Marie Hooper (Grantors) and Doris Betty Addison (hereinafter called Life Tenant) and Gary Curtis Addison, Warren Drew Addison, Lucinda Margaret Wasserman, and Anna Marie Hooper (hereinafter called Remainderman) executed a Deed of Correction for the purpose of clarifying the intent of the parties to Instrument 090001401 was to grant and convey unto the Life Tenant all minerals together with all rents and royalties generated by the same, and further grant and convey unto the Remainderman as joint tenants with rights of survivorship a remainder interest in the properties together with the right with the Life Tenant to receive equal portions of any monies paid as reimbursement for damages to said property.</i>		
(b) Gary Addison 1305 Terrace Court Sykesville, MD 21784		
(c) Warren Addison 1305 Terrace Court Sykesville, MD 21784		
(d) Anna Marie Hooper 2219 Sykesville Rd #2 Westminster, MD 21157		
(e) Lucinda Wasserman 3801 Rinehart Road Westminster, MD 21158		
<b><u>Tract #42 - 301.84 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	301.84 acres	6.0133%
<b><u>Tract #43 - 125.72 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	125.72 acres	2.5046%
<b><u>Tract #44 - 882.64 Acres</u></b>		
(1) Commonwealth Coal Corporation PO Box 1269 Bristol, VA 24203	882.64 acres	17.5840%
<b><u>Tract #45 - 623.54 Acres</u></b>		
(1) Coal Mountain Mining Company LLP P.O. Box 675 Tazewell, VA 24651	623.54 acres	12.4222%

**TOTAL LEASED O&G ESTATE**

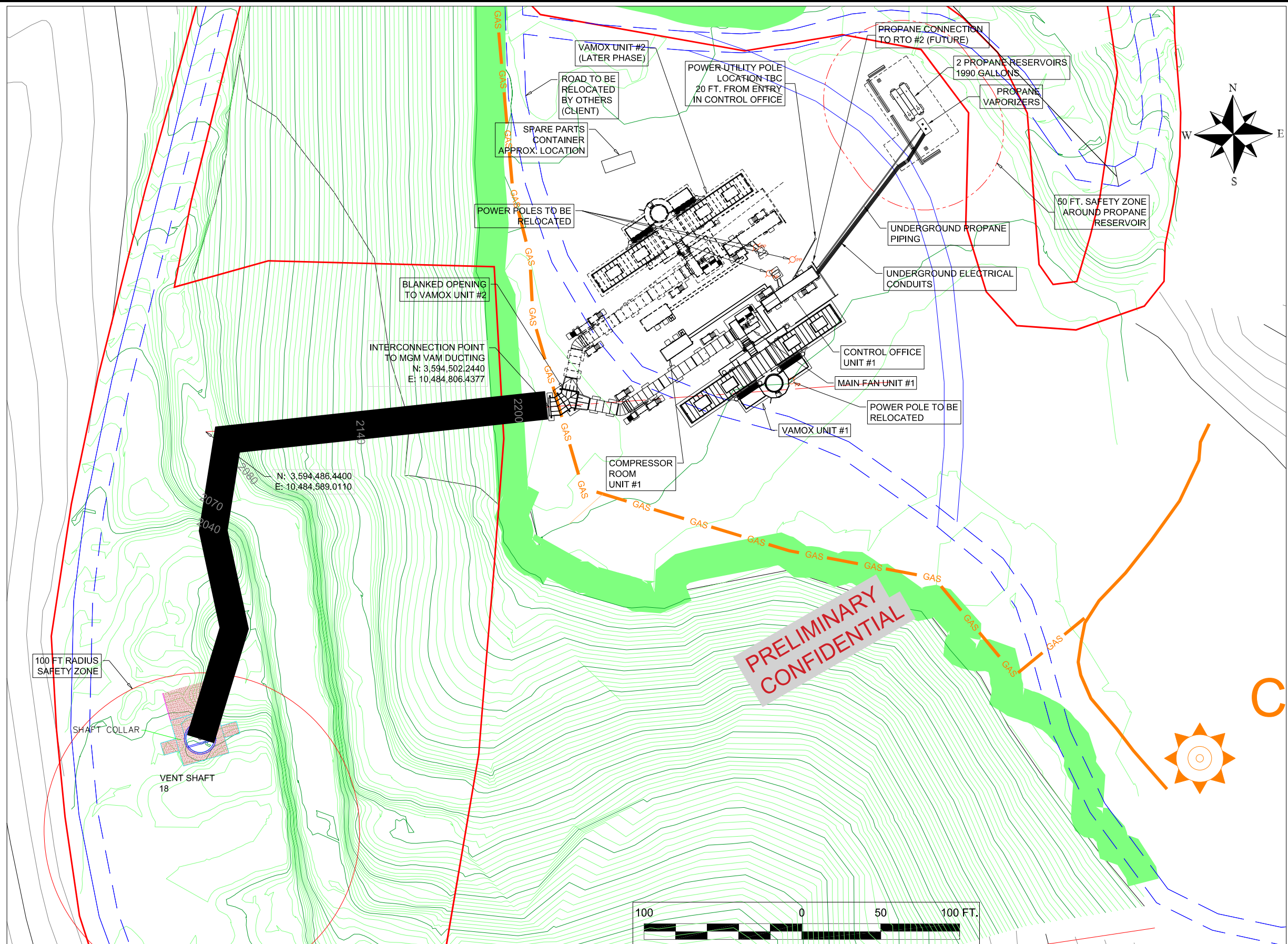
Total Acres: 4844.40  
Total Percentage: 96.5102%

# EXHIBIT F

## VS18

<u>UNIT</u>	<u>APPLICATION TYPE</u>	<u>DOCKET NO</u>
X32	Pooling	VGOB 22-0621-4246
X34	Pooling Revised S.O. (Disbursement)	VGOB 97-0318-0572 VGOB 97-0318-0572-01
X35	Pooling Revised S.O. (Disbursement) Re-Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 98-0324-0636 VGOB 98-0324-0636-01 VGOB 98-0324-0636-02 VGOB 98-0324-0636-03 VGOB 98-0324-0636-04
X36	Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 98-0324-0628 VGOB 98-0324-0628-01 VGOB 98-0324-0628-02 VGOB 98-0324-0628-03 VGOB 98-0324-0628-04 VGOB 98-0324-0628-05 VGOB 98-0324-0628-06
X37	Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 98-0324-0633 VGOB 98-0324-0633-01 VGOB 98-0324-0633-02 VGOB 98-0324-0633-03 VGOB 98-0324-0633-04
Y32	Pooling Revised S.O. (Disbursement) Re-Pooling	VGOB 97-0318-0573 VGOB 97-0318-0573-01 VGOB 97-0318-0573-02
Y33	Pooling Revised S.O. (Disbursement) Re-Pooling	VGOB 95-1024-0524 VGOB 95-1024-0524-01 VGOB 95-1024-0524-02
Y35	Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement) Re-Pooling	VGOB 97-0916-0601 VGOB 97-0916-0601-01 VGOB 97-0916-0601-02 VGOB 97-0916-0601-03
Y37	Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 98-0324-0637 VGOB 98-0324-0637-01 VGOB 98-0324-0637-02 VGOB 98-0324-0637-03

Y38	Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 98-0324-0630 VGOB 98-0324-0630-01 VGOB 98-0324-0630-02 VGOB 98-0324-0630-03
Z37	Pooling Re-Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 98-0324-0631 VGOB 98-0324-0631-01 VGOB 98-0324-0631-02 VGOB 98-0324-0631-03
Z38	Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 98-0324-0634 VGOB 98-0324-0634-01 VGOB 98-0324-0634-02 VGOB 98-0324-0634-03
AA38	Pooling Re-Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 98-0324-0635 VGOB 98-0324-0635-01 VGOB 98-0324-0635-02 VGOB 98-0324-0635-03 VGOB 98-0324-0635-04
BB33	Pooling Revised S.O. (Disbursement) Re-Pooling	VGOB 04-0817-1318 VGOB 04-0817-1318-01 VGOB 04-0817-1318-02
BB34	Pooling	VGOB 03-0715-1161
BB37	Pooling Revised S.O. (Disbursement)	VGOB 01-0717-0901 VGOB 01-0717-0901-01
BB39	Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 01-0717-0903 VGOB 01-0717-0903-01 VGOB 01-0717-0903-02
CC31	Pooling Revised S.O. (Disbursement) Revised S.O. (Disbursement)	VGOB 03-0415-1141 VGOB 03-0415-1141-01 VGOB 03-0415-1141-02
CC34	Pooling	VGOB 20-1020-4231
CC35	Pooling	VGOB 20-0421-4230
CC36	Pooling Re-Pooling Re-Pooling Revised S.O. (Disbursement)	VGOB 02-0716-1041 VGOB 02-0716-1041-01 VGOB 02-0716-1041-02 VGOB 02-0716-1041-03



- GENERAL NOTES:
- 1- SPARE PARTS CONTAINER (20 FT.) LOCATION IS APPROXIMATIVE. CONTAINER TO BE INSTALLED ON A LAYER OF CRUSHED GRAVEL OR STONES.
  - 2- LOCATION OF PROPANE RESERVOIR TO BE REVIEWED UPON CONFIRMATION BY MGM OF APPLICABLE REGULATIONS.
  - 3- DISTANCE IN BETWEEN CONTROL OFFICE AND PROPANE VAPORIZERS HAD BEEN ESTIMATED AT 120 FT IN THE EPCC. IT IS AT PRESENT LOCATION AT 140 FT.
  - 4- COORDINATES (NORTHING & EASTING) OF TIE-POINT SHOWN ARE REPRODUCED FROM DRAWING VA23005-PP1\_r2023 04 26.DWG SENT ON MAY 8, 2023.

REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY
7	2023-08-29	ADDED 30" MITER ELBOW & ROTATED VAMOX 30° CCW	SC	3	2023-06-14	UPDATED VAMOX LAYOUT	SC
6	2023-07-26	ADDED UTILITY POLE & UPDATED MODEL	SC	2	2023-06-05	ADDED FOOTPRINT OF PHASE 2 (AT CUSTOMER REQUEST)	SE
5	2023-07-13	PROPANE PAD RELOCATION	SC	1	2023-05-19	ADDED TIE-POINT FOR WYE CONNECTION	SC
4	2023-06-27	ADDED BURIED ELECTRICAL CONDUITS & PROPANE LINE	SC	0	2023-04-27	FOLLOWING LAYOUT REVIEW MEETING	SC

STANDARD TOLERANCES: X/4" 0-4 FT ±1/4" IN. X/8" 4 FT & UP ±1/8" IN. X/16" ±.03 IN. X/32" ±.01 IN. ANGLE ±1/2 DEG.	VIEW: 
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TITLE: SITE LAYOUT PLAN PHASE 1 - ONE VAMOX UNIT PRELIMINARY		PROJECT MANAGER: D. KAY, P. Eng.		DRAWING BY: S. COULOMBE, P. Eng.		VERIFIED BY: S. MOND, P. Eng.		SHEET SIZE: D	
SCALE: AS SHOWN		DATE: 2023-04-27		DRAWING No.: VA1002-IMP-001		PAGE No.: 2 OF 2		REV: 7	
PROJECT: BUCHANAN MINE COMPLEX SHAFT VS-18		CLIENT: McELROY GREEN MARKETING, LLC. 700 UNIVERSE BLVD, JUNO BEACH, FL USA							

**Biothermica** TECHNOLOGIES INC.  
428 Sherbrooke Est  
Montreal (Quebec) H2L 1J6  
Tel: (514) 488-3681  
Fax: (514) 488-3125



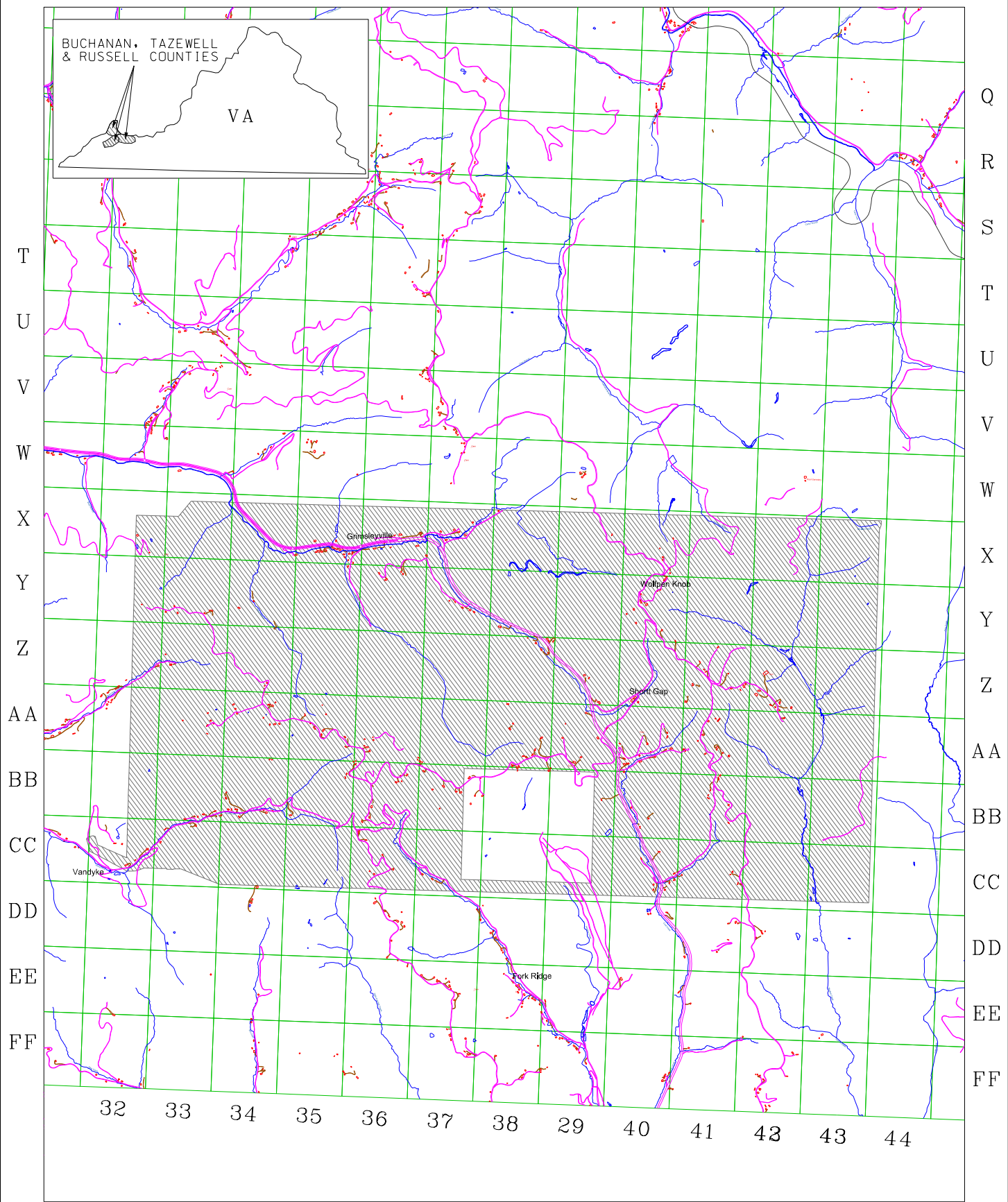


EXHIBIT A1  
 VS18  
 VGOB 23-1121-4277

INSTRUMENT PREPARED BY  
VIRGINIA GAS AND OIL BOARD

ORDER RECORDED UNDER CODE  
OF VIRGINIA SECTION 45.2-1628

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 VS-18 Unit** )  
consisting of **5,019.57 acres** )  
UNIT DEPICTED IN **EXHIBIT A-3** HERETO ) DOCKET NO.  
(herein "Subject Unit") ) **VGOB-23-1121-4277**  
FOR THE PRODUCTION OF THE COALBED )  
METHANE GAS AS A COMPONENT OF THE )  
MINE AIR EXHAUSTED BY VS-18; )  
(2) POOLING OF INTERESTS IN )  
SUBJECT UNIT PURSUANT TO )  
VA. CODE § 45.2-1620, FOR THE )  
PRODUCTION OF COALBED METHANE )  
GAS FROM THE BUCHANAN NO. 1 VS-18; )  
and (3) DESIGNATE THE APPLICANT )  
AS THE UNIT OPERATOR FOR THE )  
SUBJECT UNIT. )

LEGAL DESCRIPTION:

SUBJECT UNIT AS DEPICTED ON **EXHIBITS A and AA** )  
HERE TO AND MORE SPECIFICALLY DESCRIBED BY )  
**THE REFERENCES TO THE VIRGINIA STATE PLANE** )  
**COORDINATES SET FORTH ON EXHIBIT A-3 HERETO** )  
**("Subject Lands"):** )  
**KEEN MOUNTAIN/JEWELL RIDGE/HONAKER** )  
**QUADRANGLE(S),** )  
**GARDEN/MAIDEN SPRING/NEW GARDEN** )  
**MAGISTERIAL DISTRICT** )  
**BUCHANAN/TAZEWELL/RUSSELL COUNTY(S), 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 **June 18, 2024** in person and via teleconference and was approved.
2. Appearances: **Mark Swartz, Esq,** appeared for the Applicant. Jackson Brown 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. Owners/Claimants requiring escrow in Subject Unit are listed on **Exhibit E**. 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 that the Board create the Buchanan No. 1 VS-18 Unit, consisting of **5,019.57 acres**, for the production of coalbed methane gas. The proposed unit was depicted in Exhibits A, A-2, and A-3. Exhibit A-3 provides the Virginia State Plane coordinates for the Unit boundary.

6.2 That the Board pool all the interests of the Respondents named in B-3 and their known and unknown heirs, executors, administrators, devisees, trustees, assigns, and successors, both immediate and remote, for the development and production of coalbed methane gas from the Subject Unit and the Subject Formation underlying and comprised of the Subject Lands by the means specified herein.

6.3 That the Board establish the percentages for division of interest for production, revenue, and costs for all Respondents in accordance with those percentages set forth in Exhibit B to the Application.

6.4 That the Board establish an escrow account pursuant to Virginia Code Ann. §§45.2-1620 and 45.2-1622, Board Rules, and prior orders of the Board into which the payment of costs or proceeds attributable to interests subject to escrow shall be deposited and held for the benefit of the owners.

6.5 That the Board establish a procedure whereby each person named in Exhibit B-3 has the opportunity to exercise his/her/its statutory election rights, and that any Respondent(s) who did not make a timely election would be deemed to have been leased as hereinafter provided.

6.6 That the Board designate the Applicant, **Pocahontas Gas LLC**, as the Unit Operator with the right to produce, market, and sell the coalbed methane gas in the mine ventilation air exiting the Buchanan No. 1 coal mine at VS-18.

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. 1 VS-18** unit for the production of methane gas (*from all formations listed in paragraph 3, above, that are and can reasonably be assumed to be in communication with the mine area within the VS-18 Unit, depicted on Exhibit A-3 hereto, sometimes referred to herein as the "Subject Formations"*), underlying and comprised of the Subject Lands.

7.2 Unit Operator is hereby authorized to permit and operate surface facilities to capture, market, and process coalbed methane gas in the VS-18 mine exhaust air.

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 construct and operate surface facilities in Subject Unit subject to the permit provisions contained in Va. Code § 45.2-1631, 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.

7.4 All the interests and estates in and to the Gas in Subject 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 Unit underlying and comprised of the Subject Lands.

7.5 The Board hereby adopts the following method for the calculation of production and revenue and allocation of allowable costs for the production Gas from/within the mine ventilation air at VS-18:

Gas shall be produced from and allocated to, and costs for participants shall be allocated to, only the **5,019.57** -acre **Buchanan No. 1 VS-18** 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 **5,019.57** -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:           **\$12,381,989.68**

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 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 §§ 45.2-1631 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: Sherri R. Scott**

14. Commencement of Operations: Unit Operator shall commence or cause to commence operations 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 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 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** conflicting claimants in **Tract(s) 36C and 37A** 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** required to establish an interest-bearing escrow account for the Subject Unit.

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 **96.5102%** 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 A-3**;

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

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 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 **3.4898%** 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;

17.7 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 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 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.