

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: CNX Gas Company LLC

DIVISION OF GAS AND OIL  
DOCKET NO.: VGOB 17-0718-4138

RELIEF SOUGHT: POOLING

LOCATION: SEE EXHIBITS "A" AND "A1"

HEARING DATE: July 18, 2017

UNIT NUMBER: DD-1  
IN THE OAKWOOD COALBED METHANE GAS FIELD I

BUCHANAN COUNTY, VIRGINIA

APPLICATION

1. **Applicant and its counsel:** Applicant is CNX Gas Company LLC, 627 Claypool Hill Mall Road, Cedar Bluff, Virginia, 24609. Applicant's counsel is Mark A. Swartz, Hilliard & Swartz, LLP, 122 Capitol Street, FL 2, Charleston, WV 25301.

2. **Relief sought:** Pooling under Oakwood Coalbed Methane Gas Field I.

3. **Legal Authority:** Va. Code Ann. §45.1-361.1 *et seq.* 4 VAC 25-160-10 *et seq.* and relevant Virginia Gas and Oil Board Orders heretofore promulgated pursuant to law including OGCB 3-90; VGOB-91-1119-162; VGOB 92/02/16-0336; and VGOB 93/03/16-0349.

4. **Type of well(s):** Coalbed methane, including increased density wells as required by mining plans.

5. **Permit numbers, if any:** CBM-DD1, Permit #11875

6. **Plat:** Annexed hereto are Exhibit A and the Tract Identifications for Exhibit A. The Plat shows the size and shape of the unit and the boundaries of the tracts within the unit. The plat is certified by a licensed professional engineer and is attested by the undersigned on behalf of the applicant to be in conformity with existing orders issued by the Board.

7. **Status of interests to be pooled/re-pooled and Applicant' standing:** The respondents whose interests are sought to be pooled/re-pooled by the Applicant are:

*Mountain Mission School, John W. Pobst, Jr., Virginia Lee Linwick Burns, Richard K. Pobst, Nancy Catherine Pobst, Meredith E. Jennings & EQT Production Company*

Further, said respondents are listed in Exhibit B-3 hereto which describes their interests/claims. The respondents and others, if any, whose interests are subject to escrow under §45.1-361.21.D. are identified at Exhibit E. The annexed Exhibit B-3 at pages 2 and 3 sets forth the total interest(s) held by Applicant in the unit.

8. **Formation(s) to be produced and estimates:** All coal seams and associated strata below the Tiller seam of coal all as more particularly described in the annexed proposed order. The estimated total production from subject unit is **125 to 550** MMCF. The estimated

amount of reserves from the subject drilling unit is 125 to 550 MMCF. These figures concerning estimated production and the amount of reserves are, however, estimates only that are not based upon actual production 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.

9. **Estimate of allowable costs: \$845,547.00 (Well DD1 \$435,239.00 & DD1A \$410,308.00)** See Exhibit C which estimates/reports the costs associated with two frac wells. To the extent additional wells may be required by mine plans in the Buchanan No. 1 Mine, the costs of any such additional wells as may be permitted by the Division of Gas and Oil, in accordance with the provisions of §45.1-361.20.C., Code of Virginia, will not be allocated for frac well production to the subject unit by the Operator.

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

CNX GAS COMPANY LLC  
BY ITS PROFESSIONAL MANAGER  
CNX GAS COMPANY LLC, PETITIONER

By: 

Anita D. Duty  
Pooling Supervisor  
627 Claypool Hill Mall Road  
Cedar Bluff, Virginia 24609

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: CNX Gas Company LLC

DIVISION OF GAS AND OIL  
DOCKET NO. VGOB 17-0718-4138

RELIEF SOUGHT: POOLING

UNIT NUMBER: DD-1

NOTICE OF HEARING

HEARING DATE: July 18, 2017  
PLACE: Russell County Conference Center  
135 Highlands Drive  
Lebanon, Virginia 24266  
TIME: 9:00 AM

COMMONWEALTH OF VIRGINIA:

To: *Mountain Mission School, John W. Pobst, Jr., Virginia Lee Linwick Burns, Richard K. Pobst, Nancy Catherine Pobst, Meredith E. Jennings & EQT Production Company*

1. **Applicant and its counsel:** Applicant is CNX Gas Company LLC, 627 Claypool Hill Mall Road, Cedar Bluff, Virginia, 24609. Applicant's counsel is Mark A. Swartz, Hilliard & Swartz, LLP, 122 Capitol Street, FL 2, Charleston, WV 25301.
2. **Relief sought:** Pooling
3. **Proposed provisions of order:** (a) Pooling all the interests and estates of the persons named above in coalbed methane in the unit in question; (b) Establishing a procedure whereby each respondent shall have the right to make elections; (c) Providing that any respondent who does not make a timely election shall be deemed to have leased or assigned his coalbed methane gas interests to the applicant at a rate to be established by the Board; (d) Designating CNX Gas Company LLC as Unit Operator; (e) Making any necessary provisions for the escrow of funds; (f) 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.
4. **Legal Authority:** Va. Code Ann. §45.1-361.1 *et seq.* 4 VAC 25-160-10 *et seq.* and relevant Virginia Gas and Oil Board Orders heretofore promulgated pursuant to law including OGCB 3-90; VGOB-91-1119-162; VGOB 92/02/16-0336; and VGOB 93/03/16-0349.
5. **Type of well(s):** Coalbed methane.
6. **Plat:** Annexed hereto are Exhibit A, Exhibit A1 and the Tract Identifications for Exhibit A. The Plat shows the size and shape of the unit and the boundaries of the tracts within the unit. The Tract Identification page shows the percentage of acreage in each tract. The plat is certified by a licensed professional engineer and is attested by the undersigned on behalf of the applicant to be in conformity with existing orders issued by the Board.
7. **Your interest or claim sought to be pooled by this Application pertains to coalbed methane gas.**

8. **Formation(s) to be produced and estimates:** All coal seams and associated strata below the Tiller seam of coal all as more particularly described in the annexed proposed order. The estimated total production from subject unit is **125 to 550** MMCF. The estimated amount of reserves from the subject drilling unit is **125 to 550** MMCF. These figures concerning estimated production and the amount of reserves are, however, estimates only that are not based upon actual production 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.

9. **Estimate of allowable costs:** **\$845,547.00 (Well DD1 \$435,239.00 & DD1A \$410,308.00)**


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

**NOTICE IS FURTHER GIVEN** that this cause has been set for hearing and the taking of evidence before the Board at 9:00 AM, on **July 18, 2017**, at the Russell County Government Conference Center, 139 Highlands Drive, Lebanon, Virginia 24266, and that notice will be published as required by law and the Rules of the Board.

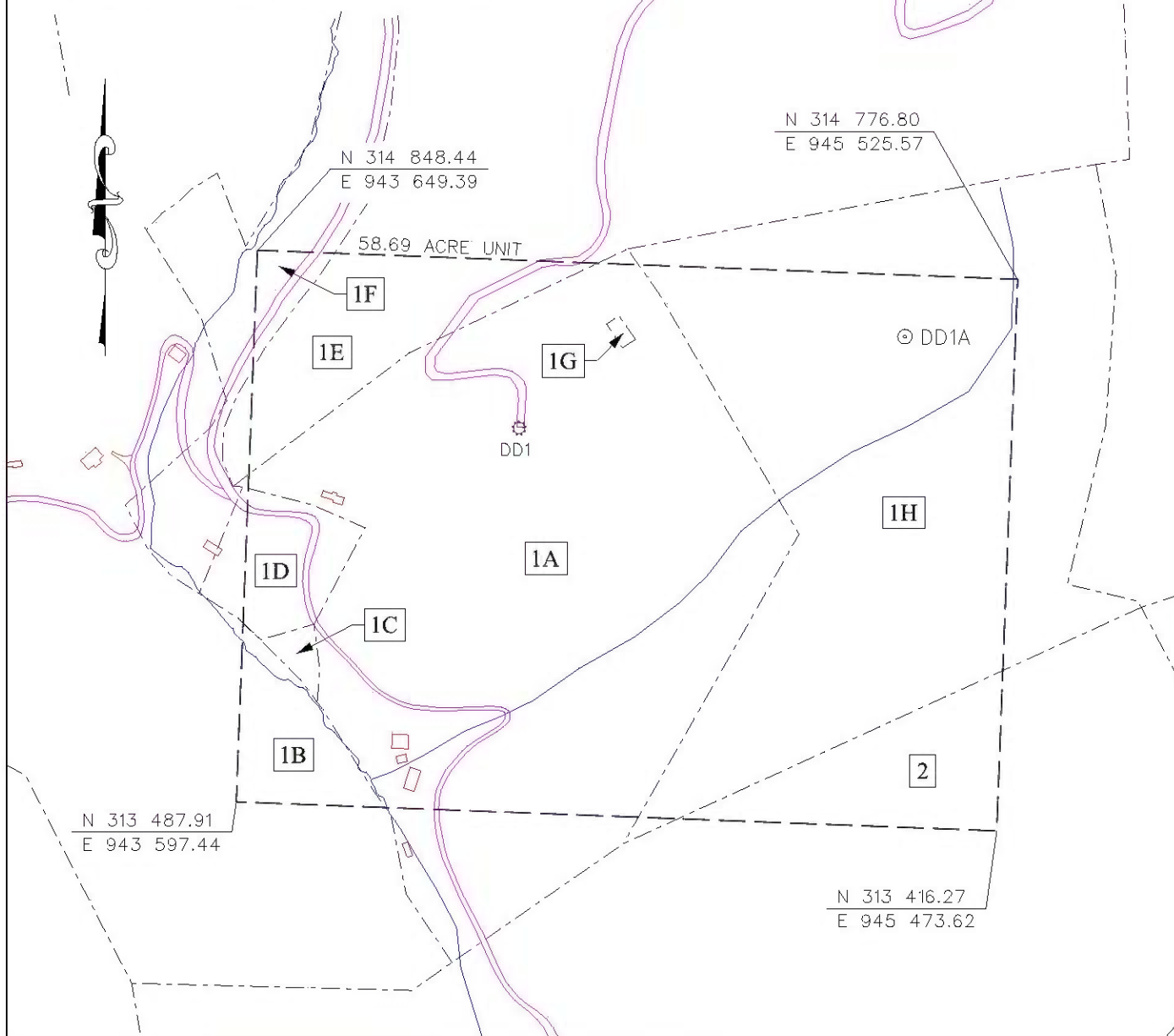
**NOTICE IS FURTHER GIVEN** that you may attend this hearing, with or without an attorney, and offer evidence or state any comments you have. For further information or a copy of the Application and Exhibits, either contact the Virginia Gas and Oil Board, State Oil and Gas Inspector, Department of Mines, Minerals and Energy, the Division of Gas and Oil, 135 Highland Drive, Lebanon, Virginia 24266, 276/415-9650 or the Applicant at the address shown below.



DATED: 6/8/17

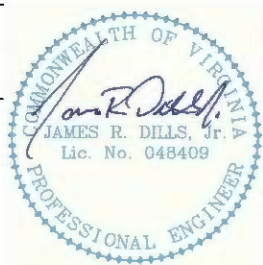
**CNX GAS COMPANY LLC**  
BY ITS PROFESSIONAL MANAGER  
CNX GAS COMPANY LLC, PETITIONER

By:   
**Anita D. Duty**  
**Pooling Supervisor**  
627 Claypool Hill Mall Road  
Cedar Bluff, Virginia 24609

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



 CBM WELL  
 PROPOSED CBM WELL



Digitally signed by James R Dills Jr.  
 DN: c=US, o=IdenTrust ACES Business Representative, ou=D. R. PRICE ENGINEERING AND LAND SURVEYING INC PC, cn=James R Dills Jr.,  
 0.9.2342.19200300.100.1.1=A0109690000012E01701153000027EA  
 Date: 2017.06.08 12:39:14 -04'00'

EXHIBIT A  
 OAKWOOD FIELD  
 UNIT DD1  
 FORCE POOLING  
 VGOB-17-0718-4138

Company CNX Gas Company LLC Well Name and Number UNIT DD1  
 Tract No. \_\_\_\_\_ Elevation \_\_\_\_\_ Quadrangle VANSANT  
 County BUCHANAN District HURRICANE Scale: 1" = 400' Date \_\_\_\_\_  
 This plat is a new plat X ; an updated plat \_\_\_\_\_ ; or a final plat \_\_\_\_\_

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

**CNX Gas Company LLC  
UNIT DD1  
Tract Identifications**

1. Levisa Coal Company, Tract 63 (316.70 Acre Tract) – All Coal  
Revelation Energy, LLC – Coal In and Above Tiller Seam Leased  
John W. Pobst, Jr., et al – Oil and Gas  
CNX Gas Company LLC – Oil, Gas and CBM Leased  
55.11 Acres                      93.9002%
  
- 1A. Martha Delta Boyd – Surface Owner
- 1B. Unknown Surface Owner
- 1C. Unknown Surface Owner
- 1D. Unknown Surface Owner
- 1E. Roy Elmer Boyd – Surface Owner
- 1F. Unknown Surface Owner
- 1G. Unknown Surface Owner
- 1H. Unknown Surface Owner
  
2. John W. Pobst, Jr., et al (103.60 Acre Tract) – Minerals  
Revelation Energy, LLC – Coal In and Above Tiller Seam Leased  
Island Creek Coal Company – Coal Below Tiller Seam Leased  
EQT Production Company – Oil, Gas and CBM Leased  
3.58 Acres                      6.0998%

"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  
Unit DD-1  
Docket VGOB# 17-0718-4138  
List of all Owners/Claimants**

	Acres in Unit	Percent of Unit
<b>I. COAL OWNERSHIP</b>		
<b><u>Tract #1 - 55.11 acres</u></b>		
(1) Levisa Coal Corporation, Tr.63 <i>(316.70 Acre Tract)</i> c/o John C. Irvin, Managing Partner 4710 Hunterwood Circle Richmond, TX 77406	55.11 acres	93.9002%
<b><u>Tract #2 - 3.58 acres</u></b>		
(1) John W. Pobst, Jr., et al. <i>(103.6 Acre Tract)</i>  <i>By Chancery suit on 8/29/1961, H. Claude Pobst vs. G.O. McGuire in DB 147/266, Marjorie Coleman, Special Commissioner granted unto Joseph F. McGuire a 1/2 interest and to John W. Pobst, Nancy P. Ellis and W. Kent Pobst a 1/6 interest each.</i>	3.58 acres	6.0998%
(a) Joseph Frederick McGuire Heirs, Devisees, Successors or Assigns		
(a.1) Mountain Mission School 1760 Edgewater Dr Grundy, VA 24614	1.7900 acres 1/2 of 3.58 acres	3.0499%
(b) John W. Pobst Heirs, Devisees, Successors or Assigns		
(b.1) Billie S. Pobst Heirs, Devisees, Successors or Assigns		
(b.1.1) John W. Pobst, Jr. Box 86 Revere, PA 18953	0.2983 acres 1/12 of 55.11 acres	0.5083%
(b.1.2) Virginia Lee Linwick Burns 4324 South Ball Dr Veradale, WA 99037	0.2983 acres 1/12 of 55.11 acres	0.5083%
(c) W. Kent Pobst	<i>Conveyed 8/19/1987 (DB 334/518)</i>	
(c.1) Richard K. Pobst 1024 Oxford Drive St. Augustine, FL 32084	0.2983 acres 1/12 of 55.11 acres	0.5083%
(c.2) Nancy Catherine Pobst c/o Lynn R. Quick 111 Postelle Street Cartersville, GA 30120	0.2983 acres 1/12 of 55.11 acres	0.5083%
(d) Nancy Ellis, et vir	<i>Conveyed 6/10/1994 (DB 424/261)</i>	
(d.1) Meredith E. Jennings 542 Butler Mill Road Maryville, TN 37803	0.5967 acres 1/6 of 55.11 acres	1.0166%
<b>II. OIL &amp; GAS OWNERSHIP</b>		
<b><u>Tract #1 - 55.11 acres</u></b>		
(1) John W. Pobst, Jr., et al. <i>(316.70 Acre Tract)</i>	55.11 acres	93.9002%
(a) H. Claude Pobst & Mary Alice Pobst	<i>Conveyed 4/23/1947 (DB 100/231)</i>	
(a.1) John W. Pobst Heirs, Devisees, Successors or Assigns		

**Exhibit B**  
**Unit DD-1**  
**Docket VGOB# 17-0718-4138**  
**List of all Owners/Claimants**

	Acres in Unit	Percent of Unit
(a.1.1) Billie S. Pobst Heirs, Devisees, Successors or Assigns		
(a.1.1.1) John W. Pobst, Jr. Box 86 Revere, PA 18953	4.5925 acres 1/12 of 55.11 acres	7.8250%
(a.1.1.2) Virginia Linwick Burns 4324 South Ball Dr Veradale, WA 99037	4.5925 acres 1/12 of 55.11 acres	7.8250%
(a.2) Nancy S. Ellis, et vir	<i>Conveyed 10/30/1991 (DB 100/231)</i>	
(a.2.1) Meredith E. Jennings 542 Butler Mill Road Maryville, TN 37803	9.1850 acres 1/6 of 55.11 acres	15.6500%
(a.3) W. Kent Pobst	<i>Conveyed 5/17/1991 (DB 418/615)</i>	
(a.3.1) W. Kent Pobst Trust	<i>Trust terminated 2/24/2004</i>	
(a.3.1.1) Richard K. Pobst 1024 Oxford Drive St. Augustine, FL 32084	4.5925 acres 1/12 of 55.11 acres	7.8250%
(a.3.1.2) Nancy Catherine Pobst c/o Lynn R. Quick 111 Postelle Street Cartersville, GA 30120	4.5925 acres 1/12 of 55.11 acres	7.8250%
(b) F.H. Combs Heirs, Devisees, Successors or Assigns		
(b.1) C. H. Combs	<i>Trustee until the death of Harriette R. Combs</i>	
(b.1.1) Harriette R. Combs Heirs, Devisees, Successors or Assigns		
(b.1.1.1) Helen C. Johnson	<i>Conveyed 8/18/00 DB514/691</i>	
(b.1.1.1.1) Fairview Limited Partnership c/o John C. Irvin, Managing Partner 4710 Hunterwood Circle Richmond, TX 77406	6.8888 acres 1/8 of 55.11 acres	11.7375%
(b.1.2) Carol C. Irvin	<i>Conveyed by deed of gift dated 11/1/12 (Instr.12-2651)</i>	
(b.1.2.1) CIPL LP c/o John C. Irvin 4710 Hunterwood Circle Richmond, TX 77406	2.2963 acres 1/24 of 55.11 acres	3.9125%
(b.1.3) C. H. Combs	<i>Trustee until Frederick Harmon Combs reached the age of 21</i>	
(b.1.3.1) Frederick Harmon Combs, II Heirs, Devisees, Successors or Assigns		
(b.1.3.1.1) F.H. Combs Testamentary Trust c/o Trustees PO Box 841 Tazewell, VA 24651	2.2963 acres 1/24 of 55.11 acres	3.9125%
(b.1.4) C. H. Combs	<i>Trustee until Martha Combs reached the age of 21</i>	
(b.1.4.1) Martha E. Combs Trust P.O. Box 1404 Abingdon, VA 24210	2.2963 acres 1/24 of 55.11 acres	3.9125%

**Exhibit B  
Unit DD-1  
Docket VGOB# 17-0718-4138  
List of all Owners/Claimants**

	Acres in Unit	Percent of Unit
(b.2) C. H. Combs Heirs, Devisees, Successors or Assigns		
(b.2.1) Trustee	<i>Trustee until the death of Marion S. Combs</i>	
(b.2.1.1) Marion S. Combs Heirs, Devisees, Successors or Assigns		
(b.2.1.1.1) Carol C. Irvin	<i>Conveyed by deed of gift dated 11/1/12 (Instr.12-2651)</i>	
(b.2.1.1.1.1) CIPL LP c/o John C. Irvin 4710 Hunterwood Circle Richmond, TX 77406	1.1481 acres 1/48 of 55.11 acres	1.9563%
(b.2.1.1.2) Frederick Harmon Combs, II Heirs, Devisees, Successors or Assigns		
(b.2.1.1.2.1) F.H. Combs Testamentary Trust c/o Trustees PO Box 841 Tazewell, VA 24651	1.1481 acres 1/48 of 55.11 acres	1.9563%
(b.2.1.1.3) Martha E. Combs Trust P.O. Box 1404 Abingdon, VA 24210	1.1481 acres 1/48 of 55.11 acres	1.9563%
(b.2.1) Carol C. Irvin	<i>Conveyed by deed of gift dated 11/1/12 (Instr.12-2651)</i>	
(b.2.1.1) CIPL LP c/o John C. Irvin 4710 Hunterwood Circle Richmond, TX 77406	1.1481 acres 1/48 of 55.11 acres	1.9563%
(b.2.2) Frederick Harmon Combs, II Heirs, Devisees, Successors or Assigns		
(b.2.2.1) F.H. Combs Testamentary Trust c/o Trustees PO Box 841 Tazewell, VA 24651	1.1481 acres 1/48 of 55.11 acres	1.9563%
(b.2.1.1.3) Martha E. Combs Trust P.O. Box 1404 Abingdon, VA 24210	1.1481 acres 1/48 of 55.11 acres	1.9563%
(b.3) Helen C. Johnson	<i>Conveyed 8/18/00 DB514/691</i>	
(b.3.1) Fairview Limited Partnership c/o John C. Irvin, Managing Partner 4710 Hunterwood Circle Richmond, TX 77406	6.8888 acres 1/8 of 55.11 acres	11.7375%
<b><u>Tract #2 - 3.58 acres</u></b>		
(1) John W. Pobst, Jr., et al. * <i>(103.6 Acre Tract)</i>	3.58 acres	6.0998%
<i>By Chancer suit on 8/29/1961, H. Claude Pobst vs. G.O. McGuire in DB 147/266, Marjorie Coleman, Special Commissioner granted unto Joseph F. McGuire a 1/2 interest and to John W. Pobst, Nancy P. Ellis and W. Kent Pobst a 1/6 interest each.</i>		
(a) Joseph Frederick McGuire Heirs, Devisees, Successors or Assigns		
(a.1) Mountain Mission School 1760 Edgewater Dr Grundy, VA 24614	1.7900 acres 1/2 of 3.58 acres	3.0499%

**Exhibit B  
Unit DD-1  
Docket VGOB# 17-0718-4138  
List of all Owners/Claimants**

	Acres in Unit	Percent of Unit
(b) John W. Pobst Heirs, Devisees, Successors or Assigns		
(b.1) Billie S. Pobst Heirs, Devisees, Successors or Assigns		
(b.1.1) John W. Pobst, Jr. Box 86 Revere, PA 18953	0.2983 acres 1/12 of 55.11 acres	0.5083%
(b.1.2) Virginia Lee Linwick Burns 4324 South Ball Dr Veradale, WA 99037	0.2983 acres 1/12 of 55.11 acres	0.5083%
(c) W. Kent Pobst <i>Conveyed 8/19/1987 (DB 334/518)</i>		
(c.1) Richard K. Pobst 1024 Oxford Drive St. Augustine, FL 32084	0.2983 acres 1/12 of 55.11 acres	0.5083%
(c.2) Nancy Catherine Pobst c/o Lynn R. Quick 111 Postelle Street Cartersville, GA 30120	0.2983 acres 1/12 of 55.11 acres	0.5083%
(d) Nancy Ellis, et vir <i>Conveyed 6/10/1994 (DB 424/261)</i>		
(d.1) Meredith E. Jennings 542 Butler Mill Road Maryville, TN 37803	0.5967 acres 1/6 of 55.11 acres	1.0166%

\* *The Oil & Gas Estate is leased by EQT Production Company*

**Exhibit B-3  
Unit DD-1  
Docket VGOB# 17-0718-4138  
List of all Unleased Owners/Claimants**

	Acres in Unit	Percent of Unit
<b>II. OIL &amp; GAS OWNERSHIP</b>		
<b><u>Tract #2 - 3.58 acres</u></b>		
(1) John W. Pobst, Jr., et al. * <i>(103.60 Acre Tract)</i>	3.58 acres	6.0998%
<i>By Chancery suit on 8/29/1961, H. Claude Pobst vs. G.O. McGuire in DB 147/266, Marjorie Coleman, Special Commission granted unto Joseph F. McGuire a 1/2 interest and to John W. Pobst, Nancy P. Ellis and W. Kent Pobst a 1/6 interest each.</i>		
(a) Joseph Frederick McGuire Heirs, Devisees, Successors or Assigns		
(a.1) Mountain Mission School 1760 Edgewater Dr Grundy, VA 24614	1.7900 acres 1/2 of 3.58 acres	3.0499%
(b) John W. Pobst Heirs, Devisees, Successors or Assigns		
(b.1) Billie S. Pobst Heirs, Devisees, Successors or Assigns		
(b.1.1) John W. Pobst, Jr. Box 86 Revere, PA 18953	0.2983 acres 1/12 of 55.11 acres	0.5083%
(b.1.2) Virginia Lee Linwick Burns 4324 South Ball Dr Veradale, WA 99037	0.2983 acres 1/12 of 55.11 acres	0.5083%
(c) W. Kent Pobst	<i>Conveyed 8/19/1987 (DB 334/518)</i>	
(c.1) Richard K. Pobst 1024 Oxford Drive St. Augustine, FL 32084	0.2983 acres 1/12 of 55.11 acres	0.5083%
(c.2) Nancy Catherine Pobst c/o Lynn R. Quick 111 Postelle Street Cartersville, GA 30120	0.2983 acres 1/12 of 55.11 acres	0.5083%
(d) Nancy Ellis, et vir	<i>Conveyed 6/10/1994 (DB 424/261)</i>	
(d.1) Meredith E. Jennings 542 Butler Mill Road Maryville, TN 37803	0.5967 acres 1/6 of 55.11 acres	1.0166%
<i>* The Oil &amp; Gas Estate is leased by EQT Production Company</i>		
<b>Total Acres Unleased</b>	3.5800	
<b>Total Percentage Unleased</b>		6.0998%

Company:      CNX Gas Company LLC

Virginia Gas And Oil Template -- Estimated Authorization For Expenditure (AFE)

AFE #	N/A	Property #	N/A	Version #	
Well Name:	DD1	Field:	Oakwood	Completed By:	RE Station
Location:	Buchanan County	Operator:	CNX Gas Company LLC	Date:	5/10/17
Expected Pay Zones:	coal seams below Tiller Incl. Poca 3	Estimated Total Depth:	2,300 ft	AAPG Class:	CBM
Proposed Work:	To drill, complete and produce	Participant(s):	N/A	W.I.	Amount
					\$0

Gen	Sub	Description	Casing Point	Completion	Total Cost
		Leasehold Costs	\$1,000	\$0	\$1,000
		Permit / Title Opinion / Survey / Insurance	\$4,700	\$0	\$4,700
		Building Location	\$25,000	\$0	\$25,000
		Roads / Stone / Culverts	\$55,000	\$0	\$55,000
		Surface Damages	\$1,000	\$0	\$1,000
		Drilling - Footage	\$65,000	\$0	\$65,000
		Drilling - Mobilization	\$0	\$0	\$0
		Drilling - Dayrate	\$0	\$0	\$0
		Mud & Chemicals (Drilling)	\$0	\$0	\$0
		Fuel	\$0	\$0	\$0
		Cement Surface casing	\$11,000	\$0	\$11,000
		Cement Intermediate casing	\$16,500	\$0	\$16,500
		Open Hole Logging & Testing	\$4,000	\$0	\$4,000
		Trucking / Dozer (Drilling)	\$0	\$0	\$0
		Rental Tools & Equipment (Drilling)	\$0	\$0	\$0
		Drilling - Bits	\$0	\$0	\$0
		Technical Supervision (Drilling)	\$0	\$0	\$0
		Fresh Water Hauling (Drilling)	\$0	\$0	\$0
		Overhead Rate	\$0	\$0	\$0
		Misc. & Contingencies	\$0	\$3,000	\$3,000
		Location Rds/Stone/Culverts	\$0	\$0	\$0
		Trucking / Dozer (Completion)	\$0	\$0	\$0
		Technical Supervision (Completion)	\$0	\$0	\$0
		Cased Hole Logging / Perforating	\$0	\$0	\$0
		Stimulation / Fracturing	\$0	\$0	\$0
		Completion Rig	\$0	\$0	\$91,000
		Reclamation & Damages	\$0	\$0	\$0
		Haul Pit Water / Disposal	\$0	\$0	\$0
		Cement Production Casing	\$0	\$0	\$10,000
		Rental Tools & Equipment (Completion)	\$0	\$0	\$0
		Fresh Water Hauling (Completion)	\$0	\$0	\$0
		Roustabout labor	\$0	\$0	\$5,000
		<b>TOTAL INTANGIBLES</b>	<b>\$183,200</b>	<b>\$0</b>	<b>\$292,200</b>

I N T A N G I B L E S

T A N G I B L E S

Code	Code	Description	Casing Point	Completion	Total Cost
		13 3/8" Conductor	75 Ft	\$0	\$7,500
		9 5/8" 26 lb/ft LS Surface Csg	0 Ft	\$0	\$0
		7" 19 lb/ft LS Intermediate Csg	300 Ft	\$3,549	\$3,549
		4 1/2" 9.5 lb/ft M-65 Production Csg	2,400 Ft	\$18,000	\$18,000
		4 1/2" 10.5 lb/ft M-65 Production Csg	20 Ft	\$1,200	\$1,200
		2-3/8" 4.7 lb/ft J55 8rd Production Tubing	2,300 Ft	\$16,721	\$16,721
		Wellhead Equipment / Fittings	\$0	\$9,000	\$9,000
		Tank Battery	\$0	\$0	\$0
		Separator / Heater / Treater	\$0	\$15,000	\$15,000
		Gas Lift Equipment	\$0	\$0	\$0
		Rods / Stuffing Box	\$0	\$14,700	\$14,700
		Downhole Pump	\$0	\$0	\$0
		Pumping Unit / Motor	\$0	\$9,405	\$9,405
		SS EQT-Packer,PF,FC,Nip	\$0	\$0	\$0
		Valves & Fittings	\$0	\$0	\$0
		Flow Line labor/material	\$0	\$22,964	\$22,964
		Sales line labor/matrow	\$0	\$25,000	\$25,000
		<b>TOTAL TANGIBLES</b>			<b>\$143,039</b>
		<b>GRAND TOTAL WELL COST</b>	<b>\$183,200</b>	<b>\$0</b>	<b>\$435,239</b>
153	115	Plugging & Abandonment	\$25,000		

Production Costs : **\$435,239**      Dry Hole Costs : **\$208,200**

Prepared by: *Bob Stetson* Title *Service Agent* Date *6/8/17*

THIS IS AN ESTIMATE OF PROJECTED WELL DRILLING, COMPLETION, EQUIPMENT AND PIPELINE COSTS. THESE ESTIMATES ARE PROJECTIONS ONLY AND ACTUAL BILLED COSTS MAY VARY FROM WELL TO WELL DEPENDING UPON ACTUAL FINAL DEPTH AND OTHER FACTORS INCLUDING, BUT NOT LIMITED TO, SEASONAL MATERIAL COSTS, WEATHER CONDITIONS, AND UNFORESEEN RIGHT-OF-WAY PROBLEMS.

Company:      CNX Gas Company LLC

Virginia Gas And Oil Template -- Estimated Authorization For Expenditure (AFE)

AFE #	N/A	Property #	N/A	Version #	
Well Name:	DD1A	Field:	Oakwood	Completed By:	R.E. Station
Location:	Buchanan County	Operator:	CNX Gas Company LLC	Date:	5/10/17
Expected Pay Zones:	coal seams below Tiller Incl. Poca 3	Estimated Total Depth:	2,100 ft	AAPG Class:	CBM
Proposed Work:	To drill, complete and produce	Participants:	N/A	W.I.	Amount
					\$0

Gen	Sub	Description	Casing Point	Completion	Total Cost
		Leasehold Costs	\$1,000	\$0	\$1,000
		Permit / Title Opinion / Survey / Insurance	\$4,700	\$0	\$4,700
		Building Location	\$25,000	\$0	\$25,000
		Roads / Stone / Culverts	\$45,000	\$0	\$45,000
		Surface Damages	\$1,000	\$0	\$1,000
		Drilling - Footage	\$56,000	\$0	\$56,000
		Drilling - Mobilization	\$0	\$0	\$0
		Drilling - Dayrate	\$0	\$0	\$0
		Mud & Chemicals (Drilling)	\$0	\$0	\$0
		Fuel	\$0	\$0	\$0
		Cement Surface casing	\$11,000	\$0	\$11,000
		Cement Intermediate casing	\$16,500	\$0	\$16,500
		Open Hole Logging & Testing	\$4,000	\$0	\$4,000
		Trucking / Dozer (Drilling)	\$0	\$0	\$0
		Rental Tools & Equipment (Drilling)	\$0	\$0	\$0
		Drilling - Bits	\$0	\$0	\$0
		Technical Supervision (Drilling)	\$0	\$0	\$0
		Fresh Water Hauling (Drilling)	\$0	\$0	\$0
		Overhead Rate	\$0	\$0	\$0
		Misc. & Contingencies	\$0	\$3,000	\$3,000
		Location Rds/Stone/Culverts	\$0	\$0	\$0
		Trucking / Dozer (Completion)	\$0	\$0	\$0
		Technical Supervision (Completion)	\$0	\$0	\$0
		Cased Hole Logging / Perforating	\$0	\$0	\$0
		Stimulation / Fracturing	\$0	\$91,000	\$91,000
		Completion Rig	\$0	\$0	\$0
		Reclamation & Damages	\$0	\$0	\$0
		Haul Pit Water / Disposal	\$0	\$0	\$0
		Cement Production Casing	\$0	\$10,000	\$10,000
		Rental Tools & Equipment (Completion)	\$0	\$0	\$0
		Fresh Water Hauling (Completion)	\$0	\$0	\$0
		Roustabout Labor	\$0	\$5,000	\$5,000
		<b>TOTAL INTANGIBLES</b>	<b>\$164,200</b>	<b>\$0</b>	<b>\$273,200</b>

I N T A N G I B L E S

T A N G I B L E S

Code	Code		75 Ft	0 Ft	300 Ft	1,900 Ft	20 Ft	2,000 Ft		Casing Point	Completion	Total Cost
		13 3/8" Conductor	75 Ft	0 Ft	300 Ft	1,900 Ft	20 Ft	2,000 Ft		\$7,500	\$0	\$7,500
		9 5/8" 26 lb/ft LS Surface Csg								\$0	\$0	\$0
		7" 19 lb/ft LS Intermediate Csg								\$3,549	\$0	\$3,549
		4 1/2" 9.5 lb/ft M-65 Production Csg								\$0	\$14,250	\$14,250
		4 1/2" 10.5 lb/ft M-65 Production Csg								\$0	\$1,200	\$1,200
		2-3/8 " 4.7 lb/ft J55 8rd Production Tubing								\$0	\$14,540	\$14,540
		Wellhead Equipment / Fittings								\$0	\$9,000	\$9,000
		Tank Battery								\$0	\$0	\$0
		Separator / Heater / Treater								\$0	\$15,000	\$15,000
		Gas Lift Equipment								\$0	\$0	\$0
		Rods / Stuffing Box								\$0	\$14,700	\$14,700
		Downhole Pump								\$0	\$0	\$0
		Pumping Unit / Motor								\$0	\$9,405	\$9,405
		SS EQT-Packers, PF, FC, NIP								\$0	\$0	\$0
		Valves & Fittings								\$0	\$0	\$0
		Flow Line labor/material								\$0	\$22,964	\$22,964
		Sales line labor/mat/row								\$0	\$25,000	\$25,000
		<b>TOTAL TANGIBLES</b>								<b>\$164,200</b>	<b>\$0</b>	<b>\$137,108</b>
		<b>GRAND TOTAL WELL COST</b>								<b>\$25,000</b>	<b>\$0</b>	<b>\$410,308</b>
153	115	Plugging & Abandonment								\$25,000		\$25,000

Production Costs : **\$410,308** Dry Hole Costs : **\$189,200**

Prepared by: Bob Station Title Permit Agent Date 6/8/17

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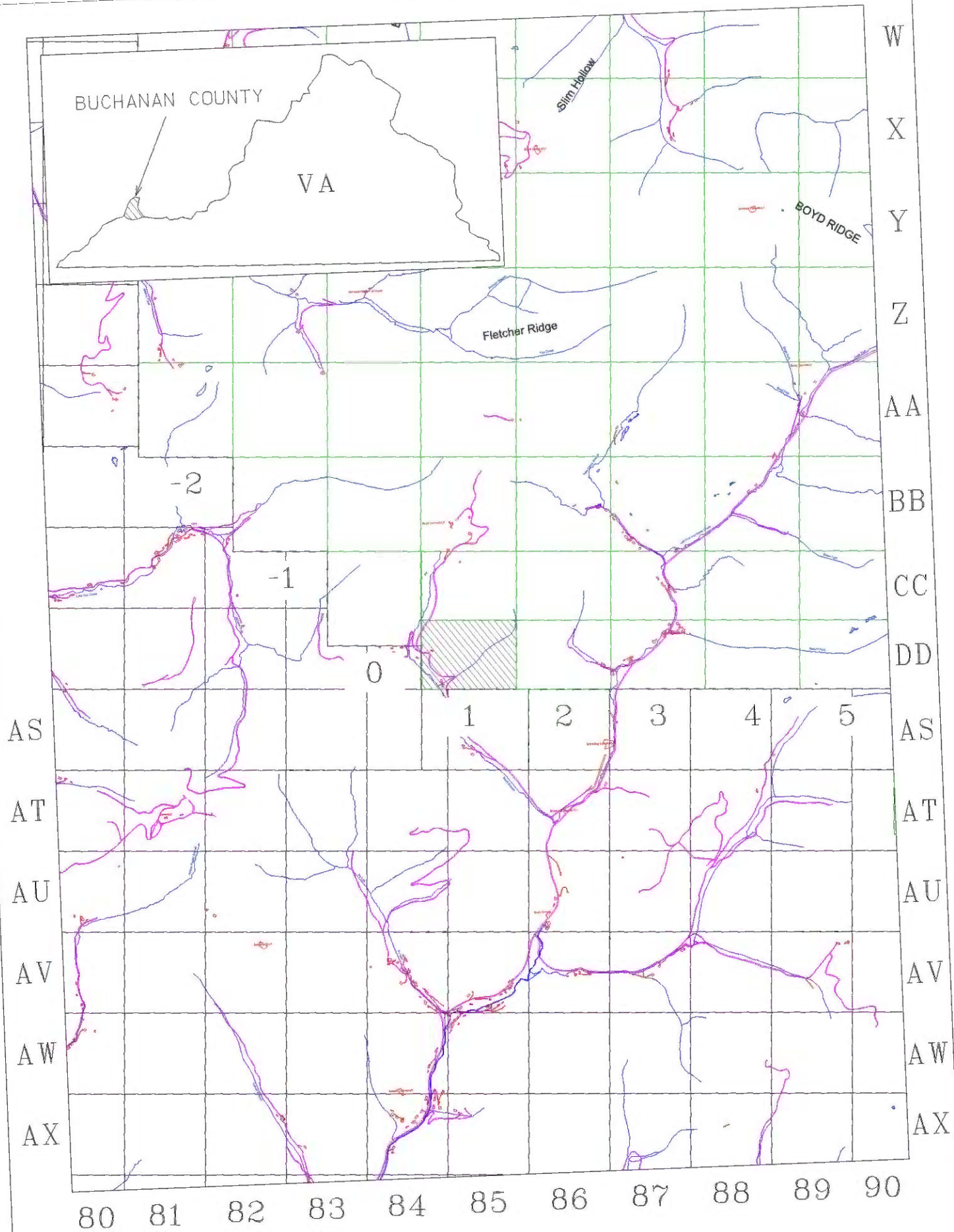


EXHIBIT A1  
 UNIT DD1  
 VGOB 17-0718-4138