

INSTRUMENT PREPARED BY
VIRGINIA GAS AND OIL BOARD

ORDER RECORDED UNDER CODE
OF VIRGINIA SECTION 45.1-361.26

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

SUPPLEMENTAL ORDER REGARDING DOCKET NO. VGOB 09/01/20-2435

ELECTIONS, UNIT: AE-229 (F-32)

(hereinafter "Subject Drilling Unit")

REPORT OF BOARD

FINDINGS AND ORDER

1. This Supplemental Order is entered by the Board sua sponte in the form authorized by the Board at its hearing held at 9:00 a.m. on October 20, 1992, Board of Supervisors Room, Courthouse, Grundy, Virginia, and pursuant to authority granted to the Board's Chairman at the hearing of the Virginia Gas and Oil Board on June 16, 1992, at 9:00 a.m. at the Rhododendron Restaurant at the Breaks Interstate Park, Breaks, Virginia; and this Supplemental Order is being recorded for the purpose of (1) complying with the requirement of the Virginia Gas and Oil Board Regulations, 4 VAC 25-160.70C by supplementing the Order previously issued by the Board for subject Docket on May 14, 2009, and recorded with Instrument # 090001763 at the Office of the Clerk of Circuit Court, Buchanan County, Virginia on June 11, 2009, (herein "Board Order") to complete the record regarding elections. The Board Order pooled all interest in Subject Drilling Unit including those of the Respondents more particularly set forth and identified by the Designated Operator in the affidavits attached hereto and made a part hereof. The Board finds it has jurisdiction over the subject matter pursuant to the provisions of the Virginia Gas and Oil Act, § 45.1-361.1 et seq., Virginia Code, 1950 as amended.
2. Findings: The Board finds that:
 - (a) The Board Order directed Appalachian Energy Inc., (herein the Designated Operator"), to mail copies of the Board Order to all respondents whose interest, if any, were pooled by said Board Order;
 - (b) The designated operator filed its affidavit of mailing dated July 31, 2009, disclosing that it had mailed a correct copy of the Board's Order to all Respondents whose interest, if any, were pooled by said Board Order;

- (c) The Board Order required each Respondent whose interest, if any, were pooled by the terms of said Board Order to make his or her election within thirty (30) days after the date of mailing or recording, as applicable, of said Order; the Designated Operator has filed its affidavit dated September 9, 2009, in accordance with § 7.C of the Virginia Gas and Oil Board Regulations and 4 VAC 25-160.70C (herein "Affidavit of Election"), wherein it has, for each Respondent whose interest, if any, were pooled by said Board Order, stated: (i) whether each Respondent has made or failed to make a timely election; (ii) the nature of the election made, if any; (iii) whether, by reason of a failure to elect or to timely elect one or more Respondents are deemed, under the terms of the Board's Order, to have leased all their rights, title, interest, estates and claims in Subject Drilling Unit to the Designated Operator;
 - (d) The Board Order further required the Designated Operator, after expiration of the election period, to file with the Board a statement of the interests subject to escrow under the terms and provisions of the Board Order, in light of the elections made or deemed to have been made (herein "Statement of Interests"); that the Designated Operator furnished said Statement of Interests as part of its Affidavit of Election. A copy of which is attached hereto as Exhibit B;
 - (e) Current Board standards requiring the escrow of funds and the Board's agreement with its Escrow Agent, First Bank & Trust Company, P.O. Box 3860, Kingsport, TN, 37660 (423) 245-6971, Attn: Debbie Davis, or any successor named by the Board, require the entry of a Supplemental Order establishing of record the elections made or deemed to have been made and specifying the sums or percentage thereof subject to escrow. Current Board escrow standards were made applicable to Subject Drilling Unit by a Board Order dated December 23, 1992.
3. Order: By this Order, the Board orders the Designated Operator to tender, consistent with and in accordance with the findings set forth at paragraph 2 above and the annexed Affidavits, any funds subject to escrow and instructs the Escrow Agent, First Bank & Trust Company, P.O. Box 3860, Kingsport, TN, 37660 (423) 245-6971, Attn: Debbie Davis, or any successor named by the Board to establish interest-bearing escrow account(s), IRS Tax Identification Number 54-1629506, in accordance with the information set forth in said affidavits to receive such funds and account to the Board therefore.
 4. Mailing of Order and Filing of Affidavit: The Designated Operator under the captioned Order or its Attorney shall file an affidavit with the Secretary of the Board within ten (10) days after the date of receipt of this Order stating that a true and correct copy of this Order was mailed to each person whose interest or claim is subject to escrow and whose address is known.
 5. Conclusion: Therefore, the findings and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.
 6. Effective Date: This Order shall be effective on the date of its execution.

DONE AND EXECUTED this 8th day of December, 2016, by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert
Bradley Lambert, Chairman

DONE AND EXECUTED this 8th day of December, 2016, by a majority of the Virginia Gas and Oil Board.

Rick Cooper
Rick Cooper
Principal Executive to the Staff
Virginia Gas and Oil Board

STATE OF VIRGINIA
COUNTY OF RUSSELL:

Acknowledged this 8th day of December, 2016, personally before me a notary public in and for the Commonwealth of Virginia, appeared Bradley Lambert, being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board and Rick Cooper being duly sworn did depose and say that he is Principal Executive to the Staff of the Virginia Gas and Oil Board, that they executed same and were authorized to do so.

Sally Settle Ketrone
Sally Settle Ketrone

My Commission Expires January 31, 2019



VIRGINIA:***BEFORE THE VIRGINIA GAS AND OIL BOARD***

IN RE: Application of Appalachian Energy, Inc., for Forced Pooling of Interests in Unit Number AE-229 (F-32) VGOB Docket No. VGOB-09/01/20-2435 in the Garden Magisterial District of Buchanan County, Virginia.

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

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

1. That the Affiant is an attorney in the law firm of WILHOIT & KAISER, the Agent for the Designated Operator, with offices located at 220 Broad Street, Kingsport, Tennessee 37660, and is authorized to give this Affidavit in its behalf;
2. That the Order entered on May 14, 2009, by the Virginia Gas and Oil Board regarding the captioned Conventional Unit required the Applicant to mail a true and correct copy of said Order to each person pooled by said Order;
3. That within seven (7) days of the receipt of an executed copy of the Order referred to at Paragraph 2. above, the Affiant was directed to cause a true and correct copy of said Order to be mailed via the United States Postal Service to each Respondent named in the captioned Application, whose address was known, and to all persons, if any, who are added as Respondents at the hearing held in the captioned matter;
4. That the Order of the Virginia Gas and Oil Board in the captioned matter required all persons pooled thereby to tender their written elections to the Unit Operator within thirty (30) days of the date said Order was recorded in the county above named; that said Order was recorded on June 11, 2009.
5. That the Designated Operator, by and through their agent, Wilhoit & Kaiser, Attorneys-at-Law, have established procedures to review all mail received and all written documents received by means other than by mail to ascertain whether parties whose interest have been pooled have made a written election, in a timely fashion, as required by the captioned Order; that said procedures were followed to identify the elections, if any, made with regard to Subject Unit; that the following persons delivered, by mail or otherwise, written elections to the Unit Operator, within the thirty day election periods:

NONE

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

See Exhibit E

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

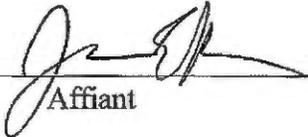
NONE

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

See Exhibit B-3

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

Dated at Kingsport, Tennessee, this 9th day of September, 2009.



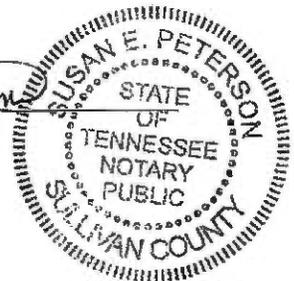
Affiant

State of Tennessee)
County of Sullivan)

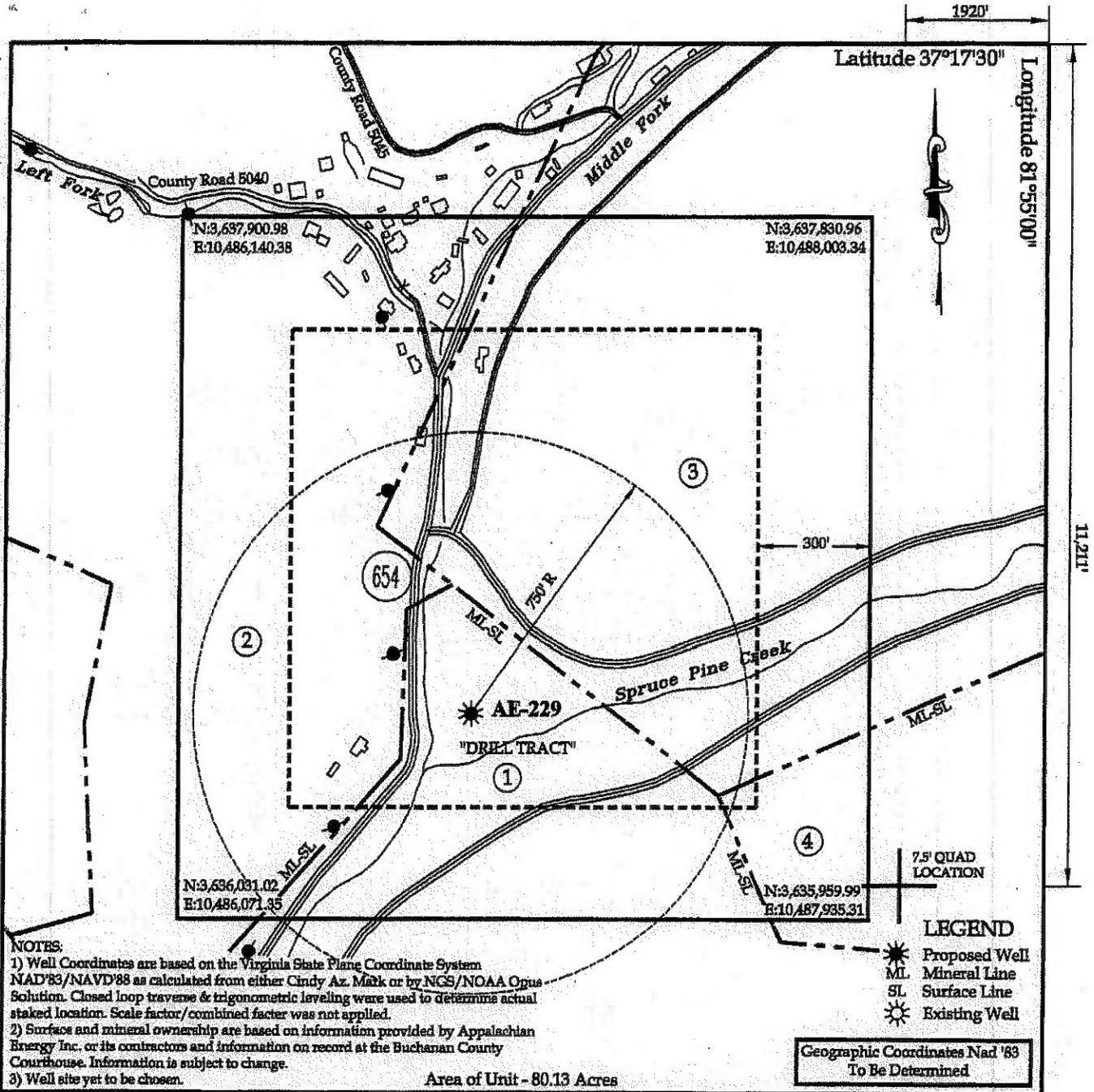
Taken, subscribed and sworn to before me by James E. Kaiser, the Agent of Appalachian Energy Inc., a corporation, on behalf of the corporation, this 9th day of September, 2009.



Susan Peterson, Notary



My commission expires: October 24, 2012 .



NOTES:
 1) Well Coordinates are based on the Virginia State Plane Coordinate System NAD'83/NAVD'88 as calculated from either Cindy Az. Mark or by NGS/NOAA Opus Solution. Closed loop traverse & trigonometric leveling were used to determine actual staked location. Scale factor/combined factor was not applied.
 2) Surface and mineral ownership are based on information provided by Appalachian Energy Inc. or its contractors and information on record at the Buchanan County Courthouse. Information is subject to change.
 3) Well site yet to be chosen.

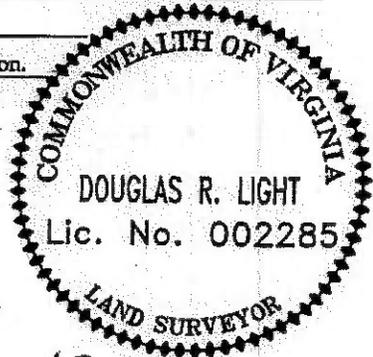
LEGEND
 * Proposed Well
 ML Mineral Line
 SL Surface Line
 ☼ Existing Well

Geographic Coordinates Nad '83 To Be Determined

Area of Unit - 80.13 Acres
WELL LOCATION PLAT

Company APPALACHIAN ENERGY INC. Well Name or Number AE-229 (CBM F-32)
 Tract No. STELLA C. CARLSON Quadrangle PATTERSON
 District GARDEN
 Well Coordinates (Virginia State Plane) To Be Determined
 Elevation: _____ Method Used to Determine Elevation: Trig. Levels from GPS derived elevation.
 County Buchanan Scale: 1" = 400' Date 12-08-08

This Plat is a new plat ; an updated plat _____ ; or a final location plat _____ ;
 + Denotes the location of a well on United States topographic maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.



Douglas R. Light
 Licensed Professional Engineer or Licensed Land Surveyor

DGO - 7 Supplement
WELL UNIT PROPERTY OWNER INDEX
APPALACHIAN ENERGY, INC.
AE-229 (CBM F-32)

(1)
"Drill Tract"

Fee:
Scott Cole
15.23 Ac. ~ 19.01% of 80.13 Ac.

(2)
Mineral:
C.L. Ritter Lumber Co., Inc.
26.58 Ac. ~ 33.17% of 80.13 Ac.

(3)
Mineral:
LBR Holdings, LLC
34.97 Ac. ~ 43.64% of 80.13 Ac.

(4)
Mineral:
P.J. Brown Heirs
3.35 Ac. ~ 4.18% of 80.13 Ac.

EXHIBIT "B"
AE-229 (F-32)

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
		Gas Estate Only		
1	Scott Cole PO Box 148 Tazewell, VA 24651	Leased	<u>19.010%</u>	<u>15.230</u>
2	C. L. Ritter Lumber Co., Inc PO Box 700 Huntington, WV 25701	**Leased (Hard Rock Exploration)	<u>33.170%</u>	<u>26.690</u>
3	LBR Holdings, LLC PO Box 22427 Lexington, KY 40522-2427	*Leased (Equitable Prod. Co.)	<u>43.640%</u>	<u>34.970</u>
4	P. J. Brown Heira Lynn A. Lawson 319 Tazewell Avenue Richlands, Va 24641	Leased	<u>4.18%</u> 0.1742%	<u>3.35</u> 0.1396
	J.R. Mullins, Jr. 220 Litton Avenue Richlands, VA 24641	Leased	0.1742%	0.1396
	Susan G. Maynard 326 Whitehead Street Key West, FL 33040	Leased	0.1742%	0.1396
	Mary Ann Mullins 168 Sandy Lane Richlands, Va 24641	Leased	0.1742%	0.1396
	Johnnye Carter Hunler 6 Saint Augustine Square Greensboro, NC 27408	Leased	0.1742%	0.1396
	Waban Page Carter 1303 McDowell Drive Greensboro, NC 27408	Leased		Remainder
	Johnnye Juan Carter Letterman 3104 Watauga Drive Greensboro, NC 27410	Leased		Remainder
	Toni Baetz McGowan 1916 Trumbell Drive Dunwoody, GA 30338	Leased		Remainder
	Gillespie Co. PO Box 675 Tazewell, Va 24651	Leased	0.1742%	0.1396
	Sue Carter Sloan 1691 E. Leisure Lane Bulthead City, AZ 86426	Leased	0.3483%	0.2792
	Eleanor Lynett Lemaire 1681 E. Leisure Lane Bulthead City, AZ 86426	Leased		Remainder
	Oscar W. Thompson, Jr. PO Box 72 Pikeville, KY 41501	Leased	0.1161%	0.0931
	Billy T. Scott PO Box 3426 Pikeville, KY 41501	Leased	0.1161%	0.0931
	Ballard W. Cassidy (Partnership) Pikeville Medical Bldg. PO Box 3369 Pikeville, KY 41501	Leased	0.1161%	0.0931
	William C. Vanhoose Trust 176 East Cedar Drive Pikeville, KY 41501	Leased	0.0387%	0.0310

Charles R. Vanhoose Trust 149 Thompson Road Pikeville, KY 41501	Leased	0.0387%	0.0310
Suzy J. Delong Trust 276 Yorkwood Forest Drive Pikeville, KY 41501	Leased	0.0387%	0.0310
James Patton Ramsey, Jr. PO Box 2768 Pikeville, KY 41502	Leased	0.0387%	0.0310
Michael Claibe Ramsey PO Box 5660 Eugene, OR 97405	Leased	0.0387%	0.0310
Joe B. Ramsey, Sr. 354 Weddington Branch Rd, Pikeville, KY 41501	Leased	0.0774%	0.0620
G. Frank Ramsey 85 Weddington Branch Road Pikeville, KY 41501	Leased	0.0258%	0.0207
William N. Ramsey, Jr. 346 Ramsey Drive Pikeville, KY 41501	Leased	0.0258%	0.0207
Susan Joyce Ramsey 85 Weddington Branch Road Pikeville, KY 41501	Leased	0.0258%	0.0207
Claire McKenry C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.1161%	0.0931
Eloise G. McKenry C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0581%	0.0465
Lucy McKenry Baldi C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0581%	0.0465
Charles Robert McKenry C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0581%	0.0465
Nancy M. Goss C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0581%	0.0465
James R. McKenry 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.2322%	0.1861
John A. McKenry, III C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0290%	0.0233
Elizabeth McKenry Adams C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0290%	0.0233
Cynthia McKenry-Therrien C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0194%	0.0155
Natalie S. McKenry Callis C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0290%	0.0233
Michelle McKenry Webb C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.0097%	0.0078
Grover Ira Brown 255 G.I. Brown Road Cedar Bluff, Va 24609	Leased	0.0581%	0.0465
Sarah Arlene Brown Buchanan 50 Cricket Lane Cedar Bluff, Va 24609	Leased	0.0581%	0.0465

Charles M. Grove, Jr. 881 Rockland Road Front Royal, Va 22630	Leased	0.0194%	0.0155
Shirley G. Singhas 305 Duncan Avenue Front Royal, Va 22630	Leased	0.0194%	0.0155
Doris Singhas 72 Line Marl Lane Berryville, Va 22811	Leased	0.0387%	0.0310
Burford E. Steele P.O. Box 420 Front Royal, VA 22630	Leased	0.0194%	0.0155
Mary Steele Carter 284 W. Strasburg Road Front Royal, VA 22630	Leased	0.0194%	0.0155
Virginia Lorraine Palmer 26088 NC HWY 8 Denton, NC 27238	Leased	0.0011%	0.00089
Benjamin Patton Brown 72 Beths Lane Cedar Bluff, Va 24609	Leased	0.0011%	0.00089
Charles Henry Brown 14376 Peaceful Valley Road Abingdon, Va 24210	Leased	0.0011%	0.00089
E.L. Brown, Jr. Route 3 Box 144 Tezwell, Va 24851	Leased	0.0011%	0.00089
William David Brown 609 Fulton Street Millville, NJ 08332	Leased	0.0011%	0.00089
Nora Kathryn Damron Drawer 540 Cedar Bluff, Va 24609	Leased	0.0028%	0.0022
Brenda Owens Brown Address Unknown	Unleased	0.0055%	0.0044
Roxie Virginia Witt Brown Route 3, Box 220 Cedar Bluff, Va 24609	Leased	0.0028%	0.0022
Robert W. Short 6815 Tinkerdale Road Roanoke, VA 24019	Leased	0.0194%	0.0155
Martha Brown Short 6815 Tinkerdale Road Roanoke, VA 24019	Leased	0.0387%	0.0310
Joseph B. Martin, Jr. 3844 Tangle Oak Drive Clemmons, NC 27102	Leased	0.0387%	0.0310
Morris Richard Lee 1072 Ascua Road Cedar Bluff, Va 24609	Leased	0.0387%	0.0310

Glenn Taylor PO Box 103 Rosedale, Va 24260	Leased	0.0774%	0.0620
Barbara Taylor Pauley PO Box 787 Rosedale, Va 24260	Leased	0.0774%	0.0620
Eldridge Brown Co. c/o Gertrude Brown 209 Altizer Street Richlands, Va 24641	Leased	0.7962%	0.6381
Totals			
Total Percentage Leased AEI		23.18%	
Total Percentage Unleased		76.82%	
		100.00%	
Total Acreage Leased AEI			18.58
Total Acreage Unleased			61.55
			80.13

EXHIBIT "B"
AE-229 (F-32)

TRACT	LESSOR	LEASE STATUS	INTEREST WITHIN UNIT	GROSS ACREAGE IN UNIT
		Coal Estate Only		
1	Scott Cole PO Box 148 Tazewell, VA 24651	Leased	<u>19.010%</u>	<u>15.230</u>
2	C. L. Ritter Lumber Co., Inc PO Box 700 Huntington, WV 25701	Leased	<u>33.170%</u>	<u>29.580</u>
3	LBR Holdings, LLC PO Box 22427 Lexington, KY 40522-2427	*Leased (Geomet Operating Co.)	<u>43.640%</u>	<u>34.970</u>
4	P. J. Brown Heins Lynn A. Lawson 319 Tazewell Avenue Richlands, Va 24641	Leased	<u>4.18%</u> 0.17420%	<u>3.35</u> 0.1396
	J.R. Mullins, Jr. 220 Litton Avenue Richlands, VA 24641	Leased	0.17420%	0.1396
	Susan G. Maynard 326 Whitehead Street Key West, FL 33040	Leased	0.17420%	0.1396
	Mary Ann Mullins 168 Sandy Lane Richlands, Va 24641	Leased	0.17420%	0.1396
	Johnnya Carter Hunter 5 Saint Augustine Square Greensboro, NC 27408	Leased	0.17418%	0.1396
	Waban Page Carter 1303 McDowell Drive Greensboro, NC 27408	Leased		Remainder
	Johnnye Juan Carter Letterman 3104 Watauga Drive Greensboro, NC 27410	Leased		Remainder
	Toni Baetz McGowan 1916 Trumbull Drive Dunwoody, GA 30338	Leased		Remainder
	Gillespie Co. PO Box 675 Tazewell, Va 24651	Leased	0.17418%	0.1396
	Sue Carter Sloan 1891 E. Leisure Lane Bullhead City, AZ 86428	Unleased	0.34832%	0.2792
	Eleanor Lynett Lemaire 1891 E. Leisure Lane Bullhead City, AZ 86428	Unleased		Remainder
	Oscar W. Thompson, Jr. PO Box 72 Pikeville, KY 41501	Unleased	0.11612%	0.0931
	Betty T. Scott PO Box 3426 Pikeville, KY 41501	Unleased	0.11612%	0.0931
	Ballard W. Cassidy (Partnership) Pikeville Medical Bldg. PO Box 3369 Pikeville, KY 41501	Unleased	0.11612%	0.0931
	William C. Vanhoose Trust 176 East Cedar Drive Pikeville, KY 41501	Unleased	0.03871%	0.0310
	Charles R. Vanhoose Trust 149 Thompson Road Pikeville, KY 41501	Unleased	0.03871%	0.0310

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Susan Joyce Ramsey 85 Waddington Branch Road Pikeville, KY 41501	Leased	0.02580%	0.0207
Claire McKenry C/O James R. McKenry, Atty-In-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.11612%	0.0931
Eloise G. McKenry C/O James R. McKenry, Atty-In-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.05806%	0.0465
Lucy McKenry Baldi C/O James R. McKenry, Atty-In-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.05806%	0.0465
Charles Robert McKenry C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.05806%	0.0465
Nancy M. Goss C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.05806%	0.0465
James R. McKenry 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.23224%	0.1861
John A. McKenry, III C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.02903%	0.0233
Elizabeth McKenry Adams C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.02903%	0.0233
Cynthia McKenry-Therrien C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.01935%	0.0155
Natalie S. McKenry Callis C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.02903%	0.0233
Michelle McKenry Webb C/O James R. McKenry, Atty-in-Fact 192 Ballard Ct., Suite 400 Virginia Beach, Va 23462-6538	Leased	0.00958%	0.0078
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Sarah Ariene Brown Buchanan 50 Cricket Lane Cedar Bluff, Va 24609	Leased	0.05806%	0.0465
Charles M. Grove, Jr. 881 Rockland Road Front Royal, Va 22630	Leased	0.01935%	0.0155

Shirley G. Singhas 305 Duncan Avenue Front Royal, Va 22630	Leased	0.01835%	0.0155
Doris Singhas 72 Lima Marl Lane Berryville, Va 22611	Leased	0.03870%	0.0310
Buford E. Steele P.O. Box 420 Front Royal, VA 22630	Leased	0.01935%	0.0155
Mary Steele Carter 284 W. Stresburg Road Front Royal, VA 22630	Leased	0.01935%	0.0155
Virginia Lorraine Palmer 26068 NC HWY 8 Denton, NC 27239	Leased	0.00111%	0.00089
Benjamin Patton Brown 72 Beths Lane Cedar Bluff, Va 24609	Leased	0.00111%	0.00089
Charles Henry Brown 14376 Peaceful Valley Road Abingdon, Va 24210	Leased	0.00111%	0.00089
E.L. Brown, Jr. Route 3 Box 144 Tazewell, Va 24651	Leased	0.00111%	0.00089
William David Brown 609 Fulton Street Millville, NJ 08332	Leased	0.00111%	0.00089
Nora Kathryn Damron Drawer 540 Cedar Bluff, Va 24609	Leased	0.00276%	0.0022
Brenda Owens Brown Address Unknown	Unleased	0.00553%	0.0044
Roxie Virginia Witt Brown Route 3, Box 220 Cedar Bluff, Va 24609	Leased	0.00276%	0.0022
Robert W. Short 6815 Tinkerdale Road Roanoke, VA 24019	Leased	0.01935%	0.0155
Martha Brown Short 6815 Tinkerdale Road Roanoke, VA 24019	Leased	0.09577%	0.0776
Joseph B. Martin, Jr. 3544 Tangle Oak Drive Clemmons, NC 27102	Leased	0.03870%	0.0310
Morris Richard Lee 1072 Ascue Road Cedar Bluff, Va 24609	Leased	0.03870%	0.0310
Glenn Taylor PO Box 103 Rosedale, Va 24260	Leased	0.07741%	0.0620
Barbara Taylor Pauley PO Box 787 Rosedale, Va 24260	Leased	0.07741%	0.0620
Eldridge Brown Co. c/o Gertrude Brown 209 Altizer Street Richlands, Va 24641	Leased	0.79621%	0.5381
Geomet Operating Company Attn: Mr. Joey Stephenson 5336 Stadium Trace Parkway Suite 206 Birmingham, AL 35244			
Totals			
Total Percentage Leased AEI		55.36%	
Total Percentage Unleased		44.64%	
		100.00%	
Total Acreage Leased AEI			44.35
Total Acreage Unleased			35.77
			80.13

**Exhibit B-3
AE-229 (F-32)**

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
<u>Gas Estate Only</u>				
2	C. L. Ritter Lumber Co., Inc PO Box 700 Huntington, WV 25701	**Leased (Hard Rock Exploration)	33.170%	26.580
3	LBR Holdings, LLC PO Box 22427 Lexington, KY 40522-2427	*Leased (Equitable)	43.640%	34.970
4	Brenda Owens Brown Address Unknown	Unleased	0.0055%	0.0044

Total Percentage Unleased

76.8155%

Total Acreage Unleased

61.5544

Coal Estate Only

3	LBR Holdings, LLC PO Box 22427 Lexington, KY 40522-2427	*Leased (Geomet Operating Co.)	43.640%	34.970
4	Sue Carter Sloan 1891 E. Leisure Lane Bullhead City, AZ 86426	Unleased	0.34832%	0.2792
	Eleanor Lynett Lemaire 1891 E. Leisure Lane Bullhead City, AZ 86426	Unleased		Remainder
	Oscar W. Thompson, Jr. PO Box 72 Pikeville, KY 41501	Unleased	0.11612%	0.0931
	Betty T. Scott PO Box 3426 Pikeville, KY 41501	Unleased	0.11612%	0.0931
	Ballard W. Cassady (Partnership) Pikeville Medical Bldg. PO Box 3369 Pikeville, KY 41501	Unleased	0.11612%	0.0931

**Exhibit B-3
AE-229 (F-32)**

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
<u>Coal Estate Only</u>				
4	William C. Vanhooose Trust 176 East Cedar Drive Pikeville, KY 41501	Unleased	0.03871%	0.0310
	Charles R. Vanhooose Trust 149 Thompson Road Pikeville, KY 41501	Unleased	0.03871%	0.0310
	Suzy J. Delong Trust 276 Yorkwood Forest Drive Pikeville, KY 41501	Unleased	0.03871%	0.0310
	James Patton Ramsey, Jr PO Box 2768 Pikeville, KY 41502	Unleased	0.03871%	0.0310
	Michael Claibe Ramsey PO Box 5660 Eugene, OR 97405	Unleased	0.03871%	0.0310
	Joe B. Ramsey, Sr. 354 Weddington Branch Road Pikeville, KY 41501	Unleased	0.07741%	0.0620
	G. Frank Ramsey 85 Weddington Branch Road Pikeville, KY 41501	Unleased	0.02580%	0.0207
	Brenda Owens Brown Address Unknown	Unleased	0.00553%	0.0044
Total Percentage Unleased			44.63553%	
Total Acreage Unleased				35.7744

Exhibit E
AE-229 (F-32)
 (Revised)

<u>TRACT</u>	<u>LESSOR</u>	<u>LEASE STATUS</u>	<u>INTEREST WITHIN UNIT</u>	<u>GROSS ACREAGE IN UNIT</u>
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Gas Estate Only

4	Brenda Owens Brown Address Unknown	Unleased	0.0055%	0.0044
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Coal Estate Only

4	Brenda Owens Brown Address Unknown	Unleased	0.00553%	0.0044
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INSTRUMENT #160002404
 RECORDED IN THE CLERK'S OFFICE OF
 BUCHANAN COUNTY ON
 DECEMBER 20, 2016 AT 02:53PM

BEVERLY S. TILLER, CLERK
 RECORDED BY: VAH