

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

IN RE:

SUPPLEMENTAL ORDER REGARDING DOCKET NO. VGOB-09-0721-2564-01
ELECTIONS: VH-530185
(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 requirements of the Virginia Gas and Oil Board Regulations, 4 VAC 25-160.70C by supplementing the Order previously issued by the Board for subject Docket on October 25, 2011, and recorded in Deed Book 491, Page 859 in the Office of the Clerk of the Circuit Court for Dickenson County, Virginia on November 14, 2011, (herein "Board Order") and (2) to complete the record regarding elections. The Board Order established a drilling unit and pooled all interests 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 Range Resources-Pine Mountain, Inc., (herein the "Designated Operator"), to mail copies of the Board Order to all Respondents whose interests, if any, were pooled by said Board Order;

- (b) The Designated Operator filed its affidavit of mailing dated March 8, 2012, disclosing that it had mailed a correct copy of the Board's Order to all Respondents whose interests, if any, were pooled by said Board Order;
 - (c) The Board Order required each Respondent whose interests, 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 March 8, 2012, in accordance with § 7.C of the Virginia Gas and Oil Board Regulations and 4 VAC 25-160.7C (herein "Affidavit of Elections" annexed hereto), wherein it has, for each Respondent whose interests, 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(s) made, if any; and (iii) whether, by reason of 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, interests, estates and claims in Subject Drilling Unit to the Designated Operator;
 - (d) Current Board standards requiring the escrow of funds and the Board's agreement with its Escrow Agent, First Bank and Trust Company, Trust Division, P.O. Box 3860, Kingsport, TN 37664; Tel: (423) 246-3700; 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 July 18, 2006. The Affidavit of Elections indicates that the escrow of funds is required with regard to VH-530185.
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, to the extent escrow was required and to the extent it pertained to the elections and interests of the Respondents who have entered into a royalty split agreement and no longer require escrow of any funds, the Applicant is hereby directed to provide the Board with reconciliation of its and the Escrow Agent's records so that any funds affected by this Order may be disbursed in an appropriate manner.
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

Supplemental Order stating that a true and correct copy of this Supplemental Order was mailed within seven (7) days from the date of receipt of this Supplemental Order to each Respondent 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 as of the date of the Board's approval of this Application, which is set forth at Paragraph 1 above.

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

IN RE: Application of Range Resources-Pine Mountain, Inc, for the Forced Pooling of Interests in VH-530185, Docket No. VGOB-09-0721-2564-01 in the Ervinton District, Haysi Quadrangle, Dickenson County, Virginia.

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

Timothy E. Scott (herein Affiant), being duly sworn on oath, deposes and says:

1. That the Affiant is an attorney in the law firm of MCKINNIS & SCOTT, the Agent for the Designated Operator, with offices located at 135 W. Main Street, Suite 200, Kingsport, Tennessee 37660, and is authorized to give this Affidavit in its behalf;
2. That the Order entered on October 25, 2011, by the Virginia Gas and Oil Board regarding the captioned conventional gas 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 and recorded 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; that proof of such mailing has previously been tendered to the Division of Gas and Oil, the Office of the Gas and Oil Inspector, at Lebanon, Virginia;
4. That the Order of the Virginia Gas and Oil Board in the captioned matter required all persons pooled thereby to tender written notice of their election of the option selected under Paragraph 9 of the Order to the Designated Operator within thirty (30) days from the date of receipt of a copy of the recorded Order;
5. That the Designated Operator, by and through its agent, McKinnis & Scott, Attorneys-at-Law, has established procedures to review all mail received and all written documents received by means other than by mail to ascertain whether parties whose interests 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 Drilling Unit; that the following persons or entities delivered, by mail or otherwise, written elections to the Unit Operator, within the thirty day elections period:

NONE

6. That the interest and/or claims of the following persons or entities (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 under the Board's Order pooling the captioned Unit, as unknown or unlocatable:

See Exhibit E

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

None

8. That the Designated Operator with regard to persons previously requiring the services of the Escrow Agent have now reached an agreement regarding their interests or claims that allows Applicant/Designated Operator to make royalty distribution without the need to escrow funds which would otherwise be in conflict:

None

9. That the Respondents identified in Revised Exhibit B-3 hereto have not made a timely election and have failed to enter into an agreement with the Designated Operator and their respective oil and gas rights, interests and claims shall be deemed to have leased to Applicant/Designated Operator pursuant to and in accordance with Paragraph 10 of the Board Order dated October 25, 2011:

See Revised Exhibit B-3

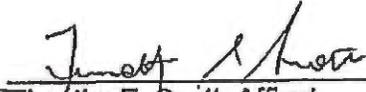
10. The Designated Operator requests that the following persons be dismissed as Respondents:

NONE

That pursuant to the provisions of 4VAC 25-160.70.A.10 and .C and VAC 25-160-80, annexed hereto and incorporated herein is a proposed supplemental order to

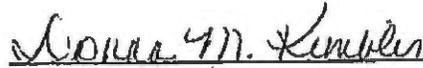
be entered to complete the record regarding elections; that said annexed supplemental order sets forth that the services of the Escrow Agent is required in this matter pursuant to the terms of §§ 45.1-361.21.D and 45.1-361.22.A.3 and .4.

Dated at Kingsport, Tennessee, this 8th day of March, 2012.



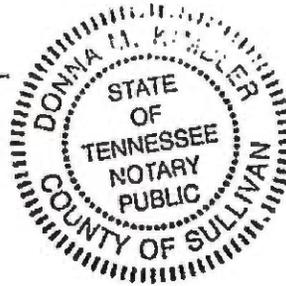
Timothy E. Scott, Affiant

Taken, subscribed and sworn to before me by Timothy E. Scott, the Agent for Range Resources-Pine Mountain, Inc., a corporation, on behalf of the corporation, this 8th day of March, 2012.



Notary Public

My commission expires: 11-20-2013



DONE AND EXECUTED this 20th day of November, 2018, by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert
Bradley Lambert, Chairman

DONE AND EXECUTED this 20th day of November, 2018, 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 20th day of November, 2018, 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 Ketron
Sally Settle Ketron

My Commission Expires January 31, 2019



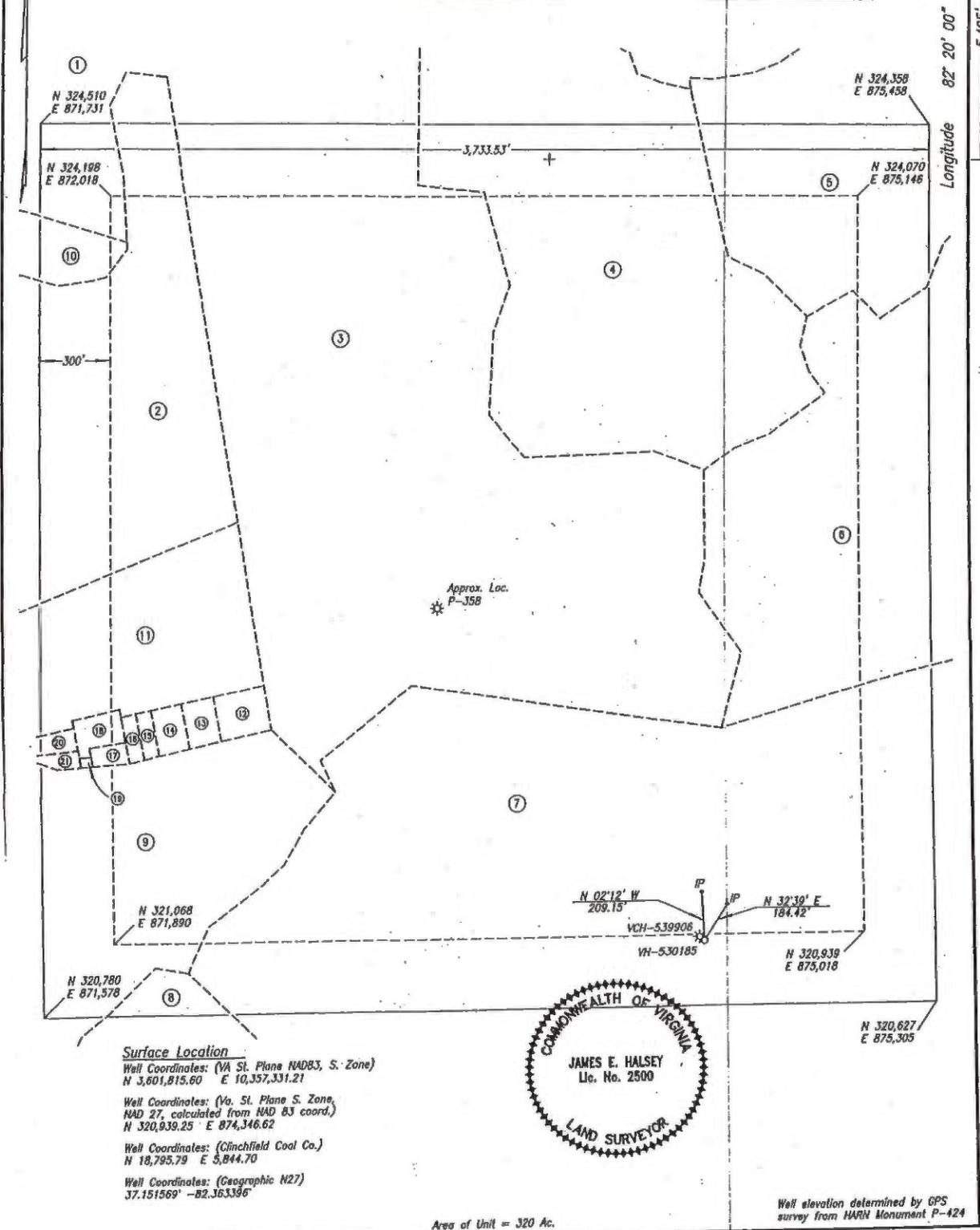
8,755'

Latitude 37° 10' 00"

Note: The boundary lines shown hereon are based on deeds, plats and maps of record and do not depict a current boundary survey.

See attached Tract Ownership Information Schedule

Mineral Line
Surface Line



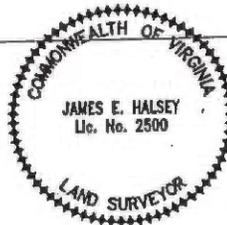
Surface Location

Well Coordinates: (VA St. Plane NAD83, S. Zone)
N 3,601,815.60 E 10,357,331.21

Well Coordinates: (Va. St. Plane S. Zone, NAD 27, calculated from NAD 83 coord.)
N 320,939.25 E 874,346.62

Well Coordinates: (Clinchfield Coal Co.)
N 18,795.79 E 5,844.70

Well Coordinates: (Geographic N27)
37.151569° -82.363386°



Well elevation determined by GPS survey from HARN Monument P-424

Area of Unit = 320 Ac.

WELL LOCATION PLAT

COMPANY Range Resources - Pine Mountain, Inc. WELL NAME AND NUMBER VH-530185
TRACT NO. Lease No. 906889 / F-236 ELEVATION 1,843.08' QUADRANGLE Haysi
COUNTY Dickenson DISTRICT Ervinton SCALE 1" = 400' DATE 6-11-2009

This Plat is a new plat X; an updated plat ; or a final location plat.
+ Denotes the location of a well on United States topographic Maps, sea level, 24,000, latitude and longitude lines being represented by border lines.

Exhibit A

James E. Halsey
Licensed Professional Engineer or Licensed Land Surveyor

DB 560 20173
 TRACT OWNERSHIP INFORMATION SCHEDULE
 5/19/2009

1. Lease No. 906889 / T-855
 B. F. Sykes Heirs
 128.75 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 3.47 Ac. 1.08%
2. Lease No. 906889 / T-356
 Alex Sykes
 39.89 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 24.66 Ac. 7.71%
3. Lease No. 906889 / T-355
 John A. Sykes
 97.91 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 86.88 Ac. 27.15%
4. Lease No. 906889 / T-357
 B.M. Sykes
 48.07 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 37.22 Ac. 11.63%
5. Lease No. 906889 / T-433
 S. S. Viers
 37.06 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 14.85 Ac. 4.64%
6. Lease No. 906889 / T-236
 Horance Hardaway
 197.10 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 29.63 Ac. 9.26%
7. Lease No. 906889 / T-444
 J.W. Wright
 916.84 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 81.52 Ac. 25.48%
8. Lease No. 906889 / T-135
 Lovell Stanley
 64.44 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 1.41 Ac. 0.44%
9. Lease No. 906889 / T-789
 W.L.J. Wright
 104.75 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 21.60 Ac. 6.75%
10. Lease No. 906889 / T-856
 Nanny E. Epling
 21.67 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Range Resources-Pine Mountain, Inc. - oil & gas
 Gas 1.76 Ac. 0.53%
11. Lease No.
 Dessie Thomas et al. - oil & gas
 9.77 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 12.75 Ac. 3.99%
12. Lease No.
 C.L. Edwards - oil & gas
 0.68 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.94 Ac. 0.29%
13. Lease No.
 Carol S. Robinette - oil & gas
 0.42 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.58 Ac. 0.18%
14. Lease No.
 Jenkins Mitchell Heirs - oil & gas
 0.42 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.58 Ac. 0.18%
15. Lease No.
 John Tipton - oil & gas
 0.21 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.29 Ac. 0.09%
16. Lease No.
 Victor & Vernie Anderson and Allen T. & Bonnie Viers - oil & gas
 0.21 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.29 Ac. 0.08%
17. Lease No.
 William Mullins et al - oil & gas
 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.31 Ac. 0.10%
18. Lease No.
 Sam Rizza - oil & gas
 1 Acre
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.67 Ac. 0.21%
19. Lease No.
 Tony & Patricia O'Quinn - oil & gas
 0.05 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.05 Ac. 0.02%
20. Lease No.
 Pearl Stevenson et al - oil & gas
 0.24 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.24 Ac. 0.08%
21. Lease No.
 Virginia Mollney - oil & gas
 0.30 Acres
 ACIN, LLC - coal
 Alpha Land and Reserves, LLC - coal lessee
 WBRD, LLC - coal
 Dickenson-Russell Coal Company, LLC - coal lessee
 Gas 0.30 Ac. 0.09%

Exhibit "B"
VH-530185 Revised

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage In Unit
Gas Estate Only				
1	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20399	Owner	1.08000000	3.47000000
2	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - Minerals Only	Owner	7.71000000	24.66000000
3	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20535	Owner	27.15000000	86.88000000
4	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20537	Owner	11.63000000	37.22000000
5	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20590	Owner	4.64000000	14.85000000
6	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20416	Owner	9.26000000	29.63000000
7	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham	Owner	25.48000000	81.52000000

	PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20601			
8	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20746	Owner	0.44000000	1.41000000
9	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20338	Owner	6.75000000	21.60000000
10	Range Resources - Pine Mountain, Inc. Attn: Jerry Grantham PO Box 2136 Abingdon, VA 24212 Tax Card ID - 20400	Owner	0.55000000	1.76000000
11	Dessie Thomas Heirs Unknown Tax Card ID - 4023	Unleased	1.99500000	6.37500000
	Robert Lee & Barbara Thomas 386 Shady Grove Road Louisa, KY 41230 Tax Card ID - 4023	Leased	0.22166667	0.70833333
	Billy Gene & Nancy Thomas 4968 Cougar Trail Road Dublin, VA 24084 Tax Card ID - 4023	Leased	0.22166667	0.70833333
	Timothy K. & Shirley Thomas 509 Cove Road Haysi, VA 24256 Tax Card ID - 4023	Leased	0.22166667	0.70833333
	Jerry & Judy Thomas 5996 Anderson Ave. Dublin, VA 24084 Tax Card ID - 4023	Leased	0.22166667	0.70833333
	Gary Dean & Carolyn Thomas	Leased	0.22166667	0.70833333

7655 Ralph Stanley Hghy.
 Coeburn, VA 24230
 Tax Card ID - 4023

Kenneth Allen & Diane Thomas 484 Walter Bottom Rd. Clintwood, VA 24228 Tax Card ID - 4023	Leased	0.22166667	0.70833333
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Darrell Wayne & Kathy Thomas 237 Meadowcrest Drive Bristol, VA 24201 Tax Card ID - 4023	Leased	0.22166667	0.70833333
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Jacqueline Thomas 428 Old Airport Road Bristol, VA 24201 Tax Card ID - 4023	Leased	0.22166667	0.70833333
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Tommy & Doris Thomas 249 Gibson Thomas Lane Coeburn, VA 24230 Tax Card ID - 4023	Leased	0.22166667	0.70833333
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12 C.L. Edwards Heirs Unknown Tax Card ID - Minerals Only	Unleased	0.29000000	0.94000000
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13 Carol S. Robinette P.O. Box 385 Clinchco, VA 24226 Tax Card ID - Minerals Only	Leased	0.18000000	0.58000000
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14 Harold B. Mitchell 170 Sevier St. Lebanon, VA 24266 Tax Card ID - 7421	Leased	0.18000000	0.58000000
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15 Cedar Tipton 142 Tipton Lane Clintwood, VA 24228 Tax Card ID - Minerals Only	Unleased	0.01000000	0.03222222
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Oscar K. Tipton 4512 Lawnneale Drive, Apt 207 Greensboro, NC 27455 Tax Card ID - Minerals Only	Leased	0.01000000	0.03222222
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Charlotte Musick 22700 Tulane Avenue Farmington Hills, MI 48336 Tax Card ID - Minerals Only	Leased	0.01000000	0.03222222
Lillie Herron 1622 Spring Street Kingsport, TN 37663 Tax Card ID - Minerals Only	Leased	0.01000000	0.03222222
Ruby Messer 22791 Pardue Street Farmington Hills, MI 48336 Tax Card ID - Minerals Only	Leased	0.01000000	0.03222222
May Ellyson 20031 Lehman Road Manchester, MI 48158 Tax Card ID - Minerals Only	Leased	0.01000000	0.03222222
Polly & Buster Mullins P.O. Box 32 Breaks, VA 24607 Tax Card ID - Minerals Only	Leased	0.00142857	0.00460317
Kay & Johnny Cochran Box 203 Clinchco, VA 24226 Tax Card ID - Minerals Only	Unleased Life Estate	0.00000000	0.00000000
Jennifer Lynn Mullins P.O. Box 1122 Clintwood, VA 24228 Tax Card ID - Minerals Only	Leased Remainder	0.00071429	0.00230159
Cecil Ballard Tipton P.O. Box 1922 Clintwood, VA 24228 Tax Card ID - Minerals Only	Leased Remainder	0.00071429	0.00230159
Marlene Tipton McCowan 120 New Camp Street Clinchco, VA 24226 Tax Card ID - Minerals Only	Leased	0.00142857	0.00460317
Shelia T. & Robert Taylor	Leased	0.00142857	0.00460317

712 New Berry Rd.
Clintwood, VA 24228
Tax Card ID - Minerals Only

Mildred T. Salyers 4907 Enchanted Lane Richmond, VA 23237 Tax Card ID - Minerals Only	Leased	0.00142857	0.00460317
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Claude Allen Tipton P.O. Box 724 Bracey, VA 23919 Tax Card ID - Minerals Only	Leased	0.00142857	0.00460317
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Roger C. Tipton P.O. Box 272 Clinchco, VA 24226 Tax Card ID - Minerals Only	Leased	0.00142857	0.00460317
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Jenny & Dwayne Bloodgood P.O. Box 373 Clinchco, VA 24226 Tax Card ID - Minerals Only	Leased	0.00200000	0.00644444
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Donna & Andrew Arnett 421 Arnett Street Clinchco, VA 24226 Tax Card ID - Minerals Only	Leased	0.00200000	0.00644444
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Anita Mullins P.O. Box 994 Clintwood, VA 24228 Tax Card ID - Minerals Only	Leased	0.00200000	0.00644444
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Edith & Fred Fields 238 Arnett Street Clinchco, VA 24226 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
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Charlett Perry 236 Arnett Street Clinchco, VA 24226 Tax Card ID - Minerals Only	Leased	0.00200000	0.00644444
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John M. & Margaret Colley 4721 Old Stage Rd. Kingsport, TN 37664	Unleased	0.00200000	0.00644444
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	Tax Card ID - Minerals Only			
	Stony M. & Brenda Colley 5505 Comanche Dr. Kingsport, TN 37664 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
	Margaret & Bobby Bear 509 White Oak Lane Kingsport, TN 37664 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
	Holiday Ray & Eva Colley 115 Equius Via Private Drive Johnson City, TN 37601 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
	Richard & Judy Colley 604 Palmyra Drive Kingsport, TN 37664 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
16	Charles P Mullins Address Unknown Tax Card ID - Minerals Only	Unleased	0.04000000	0.14500000
	Herbert Rasnick Address Unknown Tax Card ID - Minerals Only	Unleased	0.04000000	0.14500000
17	W.C. & Esther Fine Unknown Heirs	Unleased	0.10000000	0.31000000
18	Sam Rizza Heirs Unknown Tax Card ID - Minerals Only	Unleased	0.21000000	0.67000000
19	Tony C. & Patricia O'quinn 1251 Rose Ridge Clintwood, VA 24228 Tax Card ID - Minerals Only	Unleased	0.02000000	0.05000000
20	Pearl Stephens Unknown Address Tax Card ID - Minerals Only	Unleased	0.08000000	0.24000000
21	James Robert Molinary	Unleased	0.00375000	0.01250000

6236 Nell Circle
Roanoke, VA 24019
Tax Card ID - Minerals Only

Fredrick Mark Molinary 16657 Buchanan St. St. Paul, VA 24283 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
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Joseph Michael Molinary 15383 Dickenson Hwy. Clinchco, VA 24226 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
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Victor Vincent Molinary II 15383 Dickenson Hwy. Clinchco, VA 24226 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
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William Patrick Molinary 3353 Summit Drive St. Paul, VA 24283 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
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John Laneve Molinary 16657 Buchanan St. St. Paul, VA 24283 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
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Effie Molinary P.O. Box 565 Clintwood, VA 24228 Tax Card ID - Minerals Only	Leased	0.02250000	0.07500000
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Pauline Molinary 4944 Reeds Valley Rd. Castlewood, VA 24224 Tax Card ID - Minerals Only	Leased	0.02250000	0.07500000
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Jenny M. Simchock 5404 Old Hillsborough Rd. Durham, NC 27705-5916 Tax Card ID - Minerals Only	Unleased	0.00750000	0.02500000
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Jan M. Zimmer 23244 Wycoff Dr. Abingdon, VA 24211	Unleased	0.00750000	0.02500000
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Tax Card ID - Minerals Only

Jo M. Copeland 20080 Judith Way Abingdon, VA 24211 Tax Card ID - Minerals Only	Unleased	0.00750000	0.02500000
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TOTAL GAS ESTATE		100.00000000	320.00000000
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Percentage of Unit Leased	97.15800000
Percentage of Unit Unleased	2.84200000

Acreage in Unit Leased	310.90411111
Acreage in Unit Unleased	9.09588889

Exhibit "B-3" - Unleased Owners
VH-530185 Revised 5/16/2011

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
	Gas Estate Only			
11	Dessie Thomas Heirs Unknown Tax Card ID - 4023	Unleased	1.99500000	6.37500000
12	C.L. Edwards Heirs Unknown Tax Card ID - Minerals Only	Unleased	0.29000000	0.94000000
15	Cedar Tipton 142 Tipton Lane Clintwood, VA 24228 Tax Card ID - Minerals Only	Unleased	0.01000000	0.03222222
	Kay & Johnny Cochran Box 203 Clinchco, VA 24226 Tax Card ID - Minerals Only	Unleased Life Estate	0.00000000	0.00000000
	Edith & Fred Fields 238 Arnett Street Clinchco, VA 24226 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
	John M. & Margaret Colley 4721 Old Stage Rd. Kingsport, TN 37664 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
	Stony M. & Brenda Colley 5505 Comanche Dr. Kingsport, TN 37664 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
	Margaret & Bobby Bear 509 White Oak Lane Kingsport, TN 37664 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
	Holiday Ray & Eva Colley	Unleased	0.00200000	0.00644444

115 Equius Via Private Drive
Johnson City, TN 37601
Tax Card ID - Minerals Only

	Richard & Judy Colley 604 Palmyra Drive Kingsport, TN 37664 Tax Card ID - Minerals Only	Unleased	0.00200000	0.00644444
16	Charles P Mullins Address Unknown Tax Card ID - Minerals Only	Unleased	0.04000000	0.14500000
	Herbert Rasnick Address Unknown Tax Card ID - Minerals Only	Unleased	0.04000000	0.14500000
17	WC & Esther Fine Unknown Heirs	Unleased	0.10000000	0.31000000
18	Sam Rizza Heirs Unknown Tax Card ID - Minerals Only	Unleased	0.21000000	0.67000000
19	Tony C. & Patricia O'quinn 1251 Rose Ridge Clintwood, VA 24228 Tax Card ID - Minerals Only	Unleased	0.02000000	0.05000000
20	Pearl Stephens Unknown Address Tax Card ID - Minerals Only	Unleased	0.08000000	0.24000000
21	James Robert Molinary 6236 Nell Circle Roanoke, VA 24019 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
	Fredrick Mark Molinary 16657 Buchanan St. St. Paul, VA 24283 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
	Joseph Michael Molinary 15383 Dickenson Hwy. Clinchco, VA 24226 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000

Victor Vincent Molinary II 15383 Dickenson Hwy. Clinchco, VA 24226 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
William Patrick Molinary 3353 Summit Drive St. Paul, VA 24283 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
John Laneve Molinary 16657 Buchanan St. St. Paul, VA 24283 Tax Card ID - Minerals Only	Unleased	0.00375000	0.01250000
Jenny M. Simchock 5404 Old Hillsborough Rd. Durham, NC 27705-5916 Tax Card ID - Minerals Only	Unleased	0.00750000	0.02500000
Jan M. Zimmer 23244 Wycoff Dr. Abingdon, VA 24211 Tax Card ID - Minerals Only	Unleased	0.00750000	0.02500000
Jo M. Copeland 20080 Judith Way Abingdon, VA 24211 Tax Card ID - Minerals Only	Unleased	0.00750000	0.02500000
TOTAL GAS ESTATE		2.84200000	9.09588889

Exhibit "E" - Escrow Owners
VH-530185 Revised 5/16/2011

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
11	Dessie Thomas Heirs Unknown Tax Card ID - 4023	Unleased	1.99500000	6.37500000
12	C.L. Edwards Heirs Unknown Tax Card ID - Minerals Only	Unleased	0.29000000	0.94000000
16	Charles P Mullins Address Unknown Tax Card ID - Minerals Only	Unleased	0.04000000	0.14500000
	Herbert Rasnick Address Unknown Tax Card ID - Minerals Only	Unleased	0.04000000	0.14500000
17	WC & Esther Fine Unknown Heirs	Unleased	0.10000000	0.31000000
18	Sam Rizza Heirs Unknown Tax Card ID - Minerals Only	Unleased	0.21000000	0.67000000
20	Pearl Stephens Unknown Address Tax Card ID - Minerals Only	Unleased	0.08000000	0.24000000
	TOTAL GAS ESTATE		2.75500000	8.82500000

INSTRUMENT 180001372
RECORDED IN THE CLERK'S OFFICE OF
DICKENSON CIRCUIT COURT ON
DECEMBER 18, 2018 AT 02:06 PM
RICHARD W. EDWARDS, CLERK
RECORDED BY: CPF