

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

APPLICANT:	<u>EnerVest Operating, LLC</u>)	VIRGINIA GAS
)	AND OIL BOARD
RELIEF SOUGHT:	(1) ESTABLISHMENT OF THE DRILLING)	
	UNIT DEPICTED IN EXHIBIT A HERETO)	DOCKET NO.
	AND SERVED BY WELL NO. <u>V-530350</u>)	<u>VG0B-18-0918-4187</u>
	containing 112.69 acres)	
	(herein "Subject Drilling Unit"))	
	PURSUANT TO VA. CODE § 45.1-361.20;)	
	(2) POOLING OF INTERESTS IN)	
	SUBJECT DRILLING UNIT PURSUANT TO)	
	VA. CODE § 45.1-361.21, FOR THE)	
	PRODUCTION OF GAS OTHER THAN)	
	COALBED METHANE GAS FROM SUBJECT)	
	FORMATIONS (herein referred)	
	to as " Conventional Gas " or "Gas");)	
	and (3) DESIGNATE THE APPLICANT)	
	AS THE UNIT OPERATOR FOR THE)	
	SUBJECT DRILLING UNIT)	

LEGAL DESCRIPTION:

DRILLING UNIT SERVED BY WELL NUMBERED
V-530350 TO BE DRILLED IN
 THE LOCATION DEPICTED ON **EXHIBIT A** HERETO,
Paul Wayne Wallen et al. Tract
14.66 acres, more or less
CANEY RIDGE QUADRANGLE
KENADY DISTRICT
DICKENSON COUNTY, VIRGINIA
 (the "Subject Lands" are more particularly
 described on **Exhibit A** attached hereto
 and made a part hereof)

TAX MAP IDENTIFICATION NUMBERS:

TAX MAP IDENTIFICATION NUMBERS FOR ALL PARCELS
 AFFECTED BY THIS ORDER ARE SHOWN ON EXHIBIT(S)
B-3 WHICH IS/ARE ATTACHED TO AND A PART OF
 THIS ORDER.

REPORT OF THE BOARD

FINDINGS AND ORDER

1. Hearing Date and Place: This matter came on for hearing before the Virginia Gas and Oil Board (hereafter "Board") at 9:00 a.m. **September 18, 2018** at the Russell County Office Building, Highland Drive, Lebanon, Virginia.

2. Appearances: **Timothy E. Scott** appeared for the Applicant.

3. Jurisdiction and Notice: Pursuant to Va. Code § 45.1-361.1 *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 having an interest in Subject Drilling Unit underlying and comprised of Subject Lands; (2) has represented to the Board that it has given notice to those parties (hereafter sometimes "person(s)" whether referring to individuals, corporations, partnerships, associations, companies, businesses, trusts, joint ventures or other legal entities) entitled by Va. Code § 45.1-361.19 to notice of the Application filed herein; and (3) that the persons set forth in their Application and Notice of Hearing have been identified by Applicant through its due diligence as Owners or Claimants of Conventional Gas interests underlying Subject Drilling Unit, including those set out in **Exhibit B-3** who have not heretofore leased, sold or voluntarily agreed with the Applicant to pool their Gas interests in Subject Drilling Unit. Unknown and/or Unlocatable Owners/Claimants or Conflicting Claimants, if any, in the Subject Drilling Unit are listed on **Exhibit E**. Further, the Board has caused notice of this hearing to be published as required by Va. Code § 45.1-361.19 B. Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of due process.

4. Amendments: None.

5. Dismissals: None.

6. Relief Requested: Applicant requests (1) that pursuant to Va. Code § 45.1-361.20, the Board establish Subject Drilling Unit to be served by **Well No. V-530350**; and (2) that pursuant to Va. Code § 45.1-361.21, the Board pool the rights, interests and estates in and to the Conventional Gas of the known and unknown persons listed in the attached **Exhibit B-3**, and that of their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the drilling and operation, including production, of Conventional Gas from the Subject Drilling Unit established for Subject Formations underlying and comprised of the Subject Lands, (hereafter sometimes collectively identified and referred to as "Well Development and/or Operation in the Subject Drilling Unit"); and, (3) that the Board designate **EnerVest Operating, LLC** as Unit Operator.

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

7.1 The Board hereby: (1) establishes Subject Drilling Unit pursuant to Va. Code § 45.1-361.20; (2) pursuant to Va. Code § 45.1-361.21 C 3, designates **EnerVest Operating, LLC**. (hereinafter "Unit Operator") as the Operator authorized to drill and operate **Well No. V-530350** in the Subject Drilling Unit at the location depicted on the plat attached hereto as **Exhibit A** to produce Conventional Gas from Subject Formations, subject to the permit provisions contained in § 45.1-361.27 *et seq.*, Code of Virginia, 1950 as amended, to § 4 VAC 25-150 *et seq.*, Gas and Oil Regulations and to § 4 VAC 25-160 *et seq.*, Virginia Gas and Oil Board Regulations, all as amended from time to time; and (3) pursuant to Va. Code § 45.1-361.21A, the rights, interests, and estates in and to the Conventional Gas in Subject Drilling Unit including those 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 Drilling Unit underlying and comprised of the Subject Lands. There are no applicable field rules and the unit is subject to statewide spacing requirements of Va. Code § 45.1-361.17.

8. Election and Election Period: In the event any Gas owner named in the Application and Notice of Hearing has not heretofore reached a voluntary agreement to share in the operation of the well to be located in Subject Drilling Unit at a rate of payment mutually agreed to by said Gas owner and the Operator, then, such person 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 herein 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 his 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 Operator may elect to participate in the Well Development and Operation on the Subject Drilling 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 Well Development and Operation, 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 Completion-for-Production Costs for the Subject Drilling Unit are as follows:

Estimated, Completed-for-Production Costs: **\$490,500.00**

Any gas owner and/or claimants named in **Exhibit B-3**, who elects this option (Option 1) understands and agrees 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 in this Board Order.

A Participating Operator's proportionate cost hereunder shall be the result obtained by multiplying the Participating Operator's "Percent of 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 Well Development and Operation of Subject Drilling Unit under Paragraph 9.1 above, any Gas Owner or Claimant named in **Exhibit B-3** in the unit who has not reached a voluntary agreement with the Operator may elect to accept a cash bonus consideration of **\$25.00** per net mineral acre owned by such person, commencing upon entry of this Order and continuing annually until commencement of production from Subject Drilling 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 Well Development and Operation covered by this Order multiplied by the Gas owner's percentage interest Within Unit as set forth in the Application and Notice of Hearing (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. 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 Drilling 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 Gas owner 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 Well Development and Operation covered hereby and such electing person shall be deemed to and hereby does lease and assign its right, interests, and claims in and to the Gas produced from Subject Formation in the Subject Drilling 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 Drilling 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** hereto who does not reach a voluntary agreement with the Operator may elect to share in the Well Development and Operation of Subject Drilling Unit on a carried basis (as a "Carried Well 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 Drilling Unit. Such Carried Well Operator's rights, interests, and claims in and to the Gas in Subject Drilling Unit shall be deemed and hereby are assigned to the Unit Operator until the proceeds from the sale of such Carried Well Operator's share of production from Subject Drilling 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 Well Operator's share of the Completed-for-Production Costs allocable to the interest of such Carried Well 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 Well Operator shall automatically revert back to such Carried Well Operator, and from and after such reversion, such Carried Well 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 well development.

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 well 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 Drilling Unit to the Unit Operator for the period of time during which his 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 does not reach a voluntary agreement with the Applicant and fails to do so 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 Well Development and Operation in Subject Drilling 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 Gas in the Subject Drilling 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 Drilling 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 Well Development and Operation contemplated by this Order at a rate of payment agreed to mutually by said Owner or Claimant and the Applicant, and said person elects or fails to elect to do other than participate under Paragraph 9.1 above in the Well Development and Operation in Subject Drilling Unit, then such person shall be deemed to have and shall have assigned unto Applicant such person's right, interests, and claims in and to said well, in Subject Formations in Subject Drilling 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): **EnerVest Operating, LLC** shall be and hereby is designated as Unit Operator authorized to drill and operate **Well No. V-530350** in Subject Formations in Subject Drilling Unit, all subject to the permit provisions contained in Va. Code § 45.1-361.27 *et seq.*, §§ 4 VAC 25-150 *et seq.*, Gas and Oil Regulations and §§ 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:

EnerVest Operating, LLC
408 West Main Street
Abingdon, VA 24212

Phone: (276) 628-9001
 Fax: (276) 628-7246
 Attn: Charles Akers, Land Manager

14. Commencement of Operations: Unit Operator shall commence or cause to commence operations for the drilling of the well covered hereby within seven hundred and thirty (730) days from the date of this Order and shall prosecute the same with due diligence. If Unit Operator shall not have so commenced and/or prosecuted, then this Order shall terminate, except for any cash sums becoming 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 Drilling Unit to the extent that costs incurred in the drilling or operation on the Subject Drilling 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 drilling or operating the well covered hereby has been paid the full amounts due under the terms of this Order.

16. Escrow Provisions: Applicant has represented to the Board that there are no Unknown and/or Unlocatable Gas Owners within the Subject Drilling Unit whose interests are subject to the escrow requirements of Paragraph 16.1 of the Subject Drilling Unit; and, the Applicant has represented to the Board that there are conflicting claimants in Tracts 15, 16, 17 and 19 of the Subject Drilling Unit comprising 17.23% of the Subject Drilling Unit whose payments are subject to the provisions of Paragraph 16.2 hereof. Therefore, by this Order and unless and until otherwise ordered by the Board, the Escrow Agent named herein, or any successor named by the Board, is required to establish an interest-bearing escrow account for the Subject Drilling Unit (herein "Escrow Account"), and to receive and account to the Board pursuant to its agreement for the escrowed funds hereafter described in Paragraphs 16.1 and 16.2:

**First Bank and Trust Company
 Trust Division
 38 East Valley Drive
 Bristol, Virginia 24201
 Tel: (276) 466-9222
 Attention: Jody Maney**

- 16.1 Escrow Provisions for Unknown or Unlocatable Persons: If any payment of bonus, royalty payment or other payment due and owing 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 shall, pursuant to Va. Code § 45.1-361.21 D, be deposited by the 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 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 in accordance with Va. Code § 45.1-361.21 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 §§ 45.1-361.22 A 2, 45.1-361.22 A 3 and 45.1-361.22 A 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 **EnerVest Operating, LLC**. Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;
- 17.2. Applicant **EnerVest Operating, LLC**, is an operator in the Commonwealth of Virginia, and has satisfied the Board's requirements for operations in Virginia;
- 17.3. Applicant **EnerVest Operating, LLC**, claims ownership of Gas leases on **60.17080655%** percent of Subject Drilling Unit and the right to explore for, develop, and produce Gas from same;
- 17.4. Applicant has proposed the drilling of **Well No. V-530350** to a depth of **5,037** feet on the Subject Drilling Unit at the location depicted on **Exhibit A** to develop the pool of Gas in Subject Formations, and to complete and operate **Well No. V-530350** for the purpose of producing Conventional Gas.
- 17.5. The estimated production of the life of the proposed **Well No. V-530350** is **775 mmcf**.
- 17.6. With this Application, notice was provided to everyone claiming an ownership interest relative to the production of conventional gas in the Subject Drilling Unit. Set forth in **Exhibit B-3**, is the name and last known address of each Owner or Claimant identified by the Applicant as Gas owners in Subject Drilling Unit who has not, in writing, leased to the Applicant or the Unit Operator or agreed to voluntarily pool his interests in Subject Drilling Unit for its development. Gas interests unleased to the Operator and listed in **Exhibit B-3** represent **39.82919345%** percent of Subject Drilling 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 Subject Drilling Unit does not constitute an unreasonable or arbitrary exercise of Applicant's right to explore for or produce Gas;
- 17.9. The relief requested and granted is just and reasonable, is supported by substantial evidence and will afford each person listed and named in **Exhibit B-3** hereto the opportunity to recover or receive, without unnecessary expense, such person's just and fair share of the production from Subject Drilling Unit. The granting of the Application and relief requested therein will ensure to the extent possible the greatest ultimate recovery of Conventional 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 the 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 Drilling 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. § 45.1-361.9 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.

DONE AND EXECUTED this 18th day of October, 2018 by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert

Chairman, Bradley C. Lambert

COMMONWEALTH OF VIRGINIA
COUNTY OF RUSSELL

Acknowledged on this 18th day of October, 2018, personally before me a notary public in and for the Commonwealth of Virginia, appeared Bradley C. Lambert, being duly sworn did depose and say that he is the Chairman of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Sarah Jessee Gilmer
Sarah Jessee Gilmer, Notary Public
262946



My Commission expires: July 31, 2021

DONE AND PERFORMED this 19 day of October, 2018 by Order of the Virginia Gas and Oil Board.

Rick Cooper

Rick Cooper
Principal Executive to the
staff, Virginia Gas and Oil Board

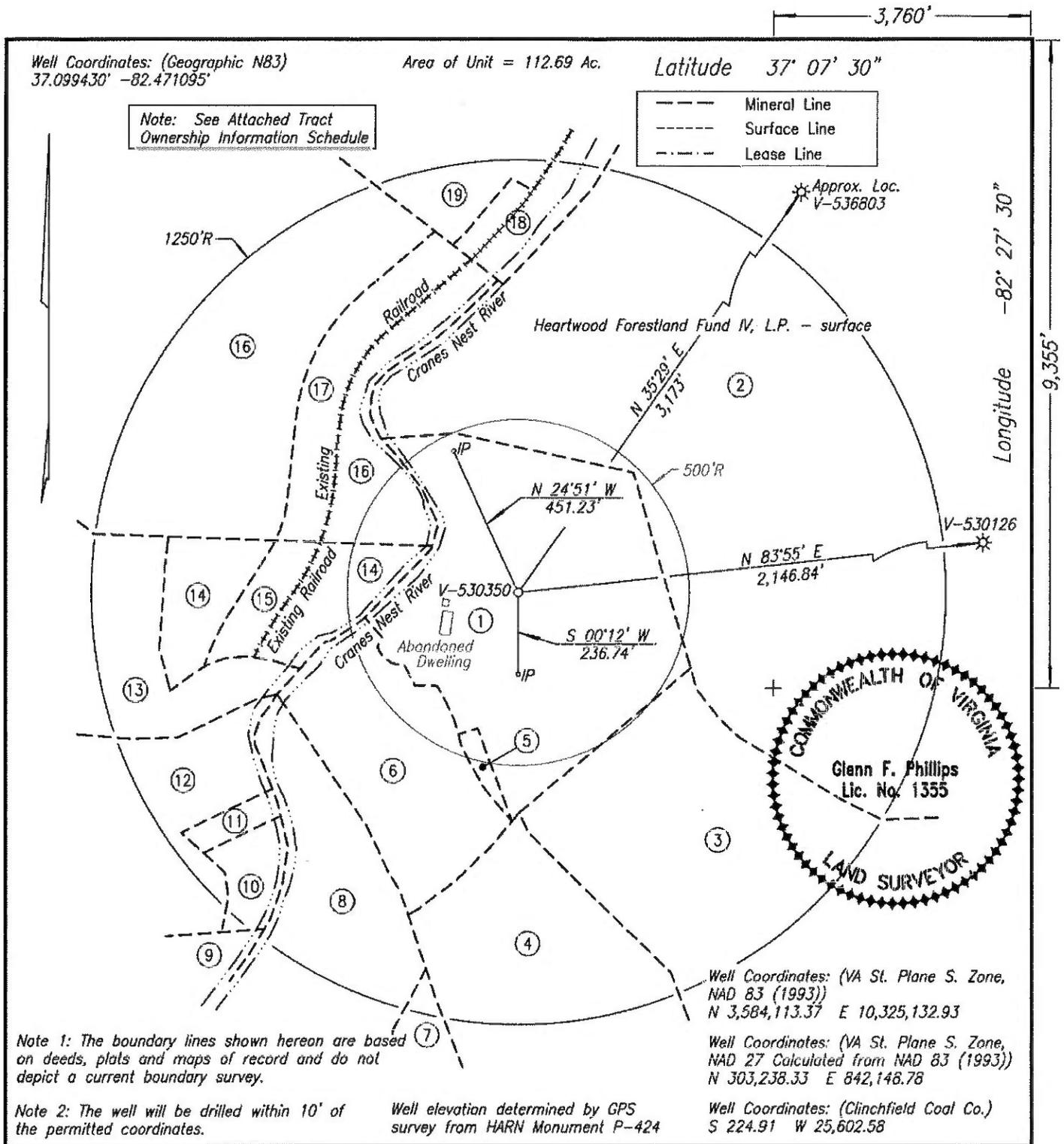
COMMONWEALTH OF VIRGINIA
COUNTY OF RUSSELL

Acknowledged on this 19th day of October, 2018, personally before me a notary public in and for the Commonwealth of Virginia, appeared Rick Cooper, being duly sworn did depose and say that he is the Principal Executive to the staff of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Sarah Jessee Gilmer
Sarah Jessee Gilmer, Notary Public
262946



My Commission expires: July 31, 2021



WELL LOCATION PLAT NORA GRID BA-21

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER V-530350
 TRACT NO. Greenberry Mullins ELEVATION 1,566.66' QUADRANGLE Caney Ridge
 COUNTY Dickenson DISTRICT Kenady SCALE 1" = 400' DATE 5-04-2015

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, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

~~Licensed Professional Engineer or Licensed Land Surveyor~~

Glenn F Phillips

Digitally signed by Glenn F Phillips
 DN: cn=US, o=IdenTrust ACES Business Representative, ou=GLENN F. PHILLIPS COMPANY P.C., c=Glenn F Phillips, o=2342, 19200100, 1081, 1=A01098000, 0013366E7837590906D0
 Date: 2018.08.16 15:01:34 -0400

V-530350 PLAT
TRACT OWNERSHIP INFORMATION SCHEDULE
8/16/2018

1. Greenberry Mullins
205.635 Acres
ACIN LLC - coal
Leased
16.53 Acres
Paul Wayne Wallen - surface, oil & gas
Gas 14.66 Ac. 13.01%
2. J.L. Litz
203.10 Acres
ACIN LLC - coal
Alpha Land & Reserves, LLC - coal lessee
WBR, LLC - coal
Dickenson-Russell Coal Company, LLC - coal lessee
Range Resources-Pine Mountain, Inc. - oil & gas
Gas 35.30 Ac. 31.32%
3. Lease No. 45013526
68.03 Acres
G. Mark French Heirs - surface, oil & gas
Gas 11.50 Ac. 10.21%
4. Lease No. 45013526
13.13 Acres
G. Mark French Heirs & Wiley B. Trivitt Heirs - surface, oil & gas
Gas 6.39 Ac. 5.67%
5. Lease No.
Parcel
Farrell L. Stanley oil & gas (1/2 Int.)
Traci & Nicholas Jay Fisaucik - oil & gas (1/2 Int.)
Gas 0.27 Ac. 0.24%
6. Lease No.
6.38 Acres
Farrell L. Stanley oil & gas (1/2 Int.)
Traci & Nicholas Jay Fisaucik - oil & gas (1/2 Int.)
Gas 6.32 Ac. 5.61%
7. Lease No.
47 Acres
James Ronald Mullins & Nola L. Skeens Mullins - oil & gas (Life Estates)
Rebecca Ann Falce - oil & gas (Remainder)
Gas 0.17 Ac. 0.15%
8. Lease No.
16.52 Acres
James Ronald Mullins & Nola L. Skeens Mullins - oil & gas (Life Estates)
Rebecca Ann Falce - oil & gas (Remainder)
Gas 5.22 Ac. 4.63%
9. Lease No.
38.15 Acres
James Ronald Mullins & Nola L. Skeens Mullins - oil & gas (Life Estates)
Rebecca Ann Falce - oil & gas (Remainder)
Gas 0.01 Ac. 0.01%
10. Lease No.
1 Acre
James Ronald Mullins & Nola L. Skeens Mullins - oil & gas (Life Estates)
Rebecca Ann Falce - oil & gas (Remainder)
Gas 1.07 Ac. 0.95%
11. Lease No.
0.54 Acres
James Ronald Mullins & Nola L. Skeens Mullins - oil & gas (Life Estates)
Rebecca Ann Falce - oil & gas (Remainder)
Gas 0.51 Ac. 0.45%
12. Lease No. 45013526
P/O 40 Acres
L.P. Mullins Heirs - oil & gas
Gas 2.69 Ac. 2.39%
13. Lease No.
P/O 33.24 Acres
James Ronald Mullins - oil & gas (1/2 Und. Int.)
Rebecca Ann Falce - oil & gas (1/2 Und. Int.)
Gas 3.80 Ac. 3.37%
14. A.J. Mullins
174.233 Acres
ACIN LLC - coal
Lease No.
P/O 4.69 Acres
James Ronald Mullins - oil & gas (1/2 Und. Int.)
Rebecca Ann Falce - oil & gas (1/2 Und. Int.)
Gas 4.00 Ac. 3.55%
15. DI-28
A.J. Mullins
0.76 Acres, P/O 174.233 Acres
Lease No. 904576L or Unleased
KRP Marcellus I, LLC et al. - oil & gas
EQT Production Company - oil & gas lessee
Gas 1.12 Ac. 0.99%
16. DI-28
A.J. Mullins
174.233 Acres
ACIN LLC - coal
Lease No. 904576L or Unleased
P/O 48 Acres
KRP Marcellus I, LLC et al. - oil & gas
EQT Production Company - oil & gas lessee
Gas 13.68 Ac. 12.14%
17. DI-28
A.J. Mullins
174.233 Acres
ACIN LLC - coal
Lease No. 904576L or Unleased
2 Acres, P/O 48 Acres
KRP Marcellus I, LLC et al. - oil & gas
EQT Production Company - oil & gas lessee
Gas 3.04 Ac. 2.70%
18. DI-7
J.M. Buchanan
110.975 Acres
ACIN LLC - coal
Lease No. 904576L or Unleased
1.8 Acres, P/O 110.975 Acres
KRP Marcellus I, LLC et al. - oil & gas
EQT Production Company - oil & gas lessee
Gas 1.58 Ac. 1.40%
19. J.M Buchanan
110.975 Acres
ACIN LLC - coal
Lease No.
P/O 31.18 Acres
Darrell Hibbits & Ernestine Hibbits - oil & gas (1/3 Und. Int.)
Kenneth Hibbits - oil & gas (1/3 Und. Int.)
Zola Christine Hibbits - oil & gas (1/3 Und. Int.)
Gas 1.36 Ac. 1.21%

Exhibit "B"
V-530350
Docket No.: VGOB-18-0918-4187

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
1	Paul Wayne Wallen 28345 Shuffle Drive Richland, MO 65556 Tax ID# - 6313-1173	Leased	13.01000000	14.66000000
2	EnerVest Energy Institutional Fund XIV-A, L.P. & EnerVest Energy Institutional Fund XIV-WIC, L.P. Attn: Jim McKinney 408 West Main Street Abingdon, VA 24210 Tax ID# - 20192	Owner	31.32000000	35.30000000
3	Tax ID# - Minerals Only Catherine Stookey 4114 W Springfield Ave Champaign, IL 61822	Leased	1.75028571	1.97142857
	David French 8593 Wall Triana Way Harvest, AL 35749	Leased	1.75028571	1.97142857
	Glenda S Lovegrove 11 Kensington Dr Billlerica, MA 01821	Leased	1.45857143	1.64285714
	Jennifer French Mackey 1274 County Rd 2051 Nacogdoches, TX 75965	Leased	0.87514286	0.98571429
	Mark B French 4112 Paddington Ln Colleyville, TX 76034	Leased	0.87514286	0.98571429
	Patricia A French 3522 Easton Dr Bowie, MD 20716	Leased	0.58342857	0.65714286

	Richard P Maske 7740 NW 35th St Hollywood, FL 33024	Leased	0.58342857	0.65714286
	Ellen L French 6640 Lake Park Dr, Apt 305 Greenbelt, MD 20770	Leased	0.58342857	0.65714286
	Big Lick Trust C/O Gregory W French, Trustee 2041 Lynn Cove Lane Virginia Beach, VA 23454-1008	Leased	1.75028571	1.97142857
	Tract 3 Totals		10.21000000	11.50000000
4	Tax ID# - Minerals Only Catherine Stookey 4114 W Springfield Ave Champaign, IL 61822	Leased	0.48600000	0.54771429
	David French 8593 Wall Triana Way Harvest, AL 35749	Leased	0.48600000	0.54771429
	Glenda S Lovegrove 11 Kensington Dr Billlerica, MA 01821	Leased	0.40500000	0.45642857
	Jennifer French Mackey 1274 County Rd 2051 Nacogdoches, TX 75965	Leased	0.24300000	0.27385714
	Mark B French 4112 Paddington Ln Colleyville, TX 76034	Leased	0.24300000	0.27385714
	Patricia A French 3522 Easton Dr Bowie, MD 20716	Leased	0.16200000	0.18257143
	Richard P Maske 7740 NW 35th St Hollywood, FL 33024	Leased	0.16200000	0.18257143
	Ellen L French 6640 Lake Park Dr, Apt 305 Greenbelt, MD 20770	Leased	0.16200000	0.18257143

Big Lick Trust C/O Gregory W French, Trustee 2041 Lynn Cove Lane Virginia Beach, VA 23454-1008	Leased	0.48600000	0.54771429
Thomas Edward Trivett 1401 Live Oak Parkway Wilmington, NC 28403	Leased	0.35437500	0.39937500
Christina Ann Poore 52 Lawton Avenue N Kingstown, RI 02852-5859	Leased	0.35437500	0.39937500
Trivett Holdings C/O Michael A Trivett 5221 Shadow Pond Lane Charlotte, NC 28226	Leased	0.70875000	0.79875000
Betty Quesenberry 900 Dillon Street Pulaski, VA 24301	Leased	0.23625000	0.26625000
Carole Clarke 2800 Heritage Drive Suffolk, VA 23435	Leased	0.23625000	0.26625000
Mary Lea Byer 509 Mitchell Rd Kingsport, TN 37663	Leased	0.23625000	0.26625000
Joan C Trivett 462 Hilledge Drive Laguna Beach, CA 92651	Leased	0.35437500	0.39937500
James C Trivett III 10495 State Route 550 Athens, OH 45701	Leased	0.17718750	0.19968750
Christina L Russin 21515 81st Street Bristol, WI 53104-9717	Unleased	0.17718750	0.19968750
Tract 4 Totals		5.67000000	6.39000000

5	Tax ID# - 6308-10790 Farrell L Stanley 1261 Rockhouse Rd Coeburn, VA 24230	Unleased	0.12000000	0.13500000
	Traci & Nicholas Jay Fisanick 1261 Rockhouse Rd Coeburn, VA 24230	Unleased	0.12000000	0.13500000
	Tract 5 Totals		0.24000000	0.27000000
6	Tax ID# - 6308-10790 Farrell L Stanley 1261 Rockhouse Rd Coeburn, VA 24230	Unleased	2.80500000	3.16000000
	Traci & Nicholas Jay Fisanick 1261 Rockhouse Rd Coeburn, VA 24230	Unleased	2.80500000	3.16000000
	Tract 6 Totals		5.61000000	6.32000000
7	Tax ID# - 5254-7450 James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased Life Estate	0.15000000	0.17000000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased Remainder	0.00000000	0.00000000
8	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	2.31500000	2.61000000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	2.31500000	2.61000000
	Tract 8 Totals		4.63000000	5.22000000
9	Tax ID# - 5261-3070 James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	0.00500000	0.00500000

	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	0.00500000	0.00500000
	Tract 9 Totals		0.01000000	0.01000000
10	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	0.47500000	0.53500000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	0.47500000	0.53500000
	Tract 10 Totals		0.95000000	1.07000000
11	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	0.22500000	0.25500000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	0.22500000	0.25500000
	Tract 11 Totals		0.45000000	0.51000000
12	Tax ID# - 5364-7474 James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	0.17071429	0.19214286
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	0.17071429	0.19214286
	Roger Blake Large PO Box 1417 Pound, VA 24279	Unleased	0.08535714	0.09607143
	George Ray Large 529 Beards Hill Rd Aberdeen, MD 21001	Unleased	0.08535714	0.09607143

Sandra Waters 2021 N. Nelson St., Apt 306 Arlington, VA 22207-3671	Unleased	0.08535714	0.09607143
Darrell R Large 583 Kumukahi Place Honolulu, HI 96825	Unleased	0.08535714	0.09607143
Opal May Mullins 1925 Old Mayfield Rd Danville, VA 24541	Unleased	0.34142857	0.38428571
Jewell Johnson 201 Wheatland Court Unit 3 Christiansburg, VA 24073	Unleased	0.34142857	0.38428571
Rae H Wallen 284 NE 40th Court Pompano Beach, FL 33064	Leased	0.02845238	0.03202381
<i>Haskel Carnis Mullins Heirs</i> Anna L Worley 601 McCosh Street Hanover, PA 17331	Unleased	0.11380952	0.12809524
Janis Hudler 143 Schoolhouse Road West Grove, PA 19390	Unleased	0.11380952	0.12809524
Patricia Strausbaugh 122 Fairview Ave Dover, PA 17315-1316	Unleased	0.11380952	0.12809524
<i>Kenneth Wallen Heirs</i> Benjmin Wallen 3420 Carlisle Pike New Oxford, PA 17350	Unleased	0.01422619	0.01601190
Brentli Wallen 3420 Carlisle Pike New Oxford, PA 17350	Unleased	0.01422619	0.01601190
<i>Lewis & Delores E Wallen Heirs</i> Jon Wallen 4 Mitchell Ct. Apt Hanover, PA 17331	Unleased	0.00711310	0.00800595

Stacey Topper 95 Pine Grove Rd Hanover, PA 17331	Unleased	0.00711310	0.00800595
Matthew Wallen 2938 Banks Street Harrisburg, PA 17103	Leased	0.00711310	0.00800595
Sara Wallen 13 N Market Street, Apt. 4 Duncannon, PA 17020-1210	Unleased	0.00711310	0.00800595
Norma Wilcox 1433 SE 5th St Deerfield Beach, FL 33441	Unleased	0.02845238	0.03202381
Ramona King 5509 NW Miami Ct, Apt. 4 Miami, FL 33127-1738	Leased	0.02845238	0.03202381
Norman Wallen JR 2098 Yingling Drive Spring Grove, PA 17362	Unleased	0.02845238	0.03202381
Joyce Markle 1324 Peepytown Road Abbottstown, PA 17301	Unleased	0.02845238	0.03202381
Glenetta Utz 1000 SE 11th St Deerfield Beach, FL 33441	Leased	0.02845238	0.03202381
Barbara G Witter 2260 Upper Bermudian Rd Gardners, PA 17324	Unleased	0.02845238	0.03202381
Amy Grosklags 2591 Ballew CT NE Marietta, GA 30062-4424	Unleased	0.02845238	0.03202381
Sharon Hamme 92 Hamilton Drive Abbottstown, PA 17301	Unleased	0.02845238	0.03202381
Mark Wallen 15 Friendly Drive Hanover, PA 17331	Unleased	0.02845238	0.03202381

Vickie B Taylor 403 Hickory Hollow Lane Brenham, TX 77833-9240	Unleased	0.02276190	0.02561905
Debra S Rodriguez 510 4th St Palacios, TX 77465	Leased	0.02276190	0.02561905
Gwyn D Wallen 238 Carlisle Avenue York, PA 17404	Unleased	0.02276190	0.02561905
Ester A Devereaux PO Box 274 South Cle Elum, WA 98943	Unleased	0.02276190	0.02561905
Karen J Leighty 111 Regency Place Columbia, SC 29212-7906	Unleased	0.02276190	0.02561905
Anthony L Wallen 2037 Glen Cove Rd Darlington, MD 21034-1112	Unleased	0.02276190	0.02561905
Steven D Wallen 599 Lake Meade Dr 47 East Burlin, PA 17316-9326	Unleased	0.02276190	0.02561905
Dennis J Wallen PO Box 4703 Gettysburg, PA 17325-4703	Unleased	0.02276190	0.02561905
David L Wallen 303 Primrose Ln Hanover, PA 17331-5209	Unleased	0.02276190	0.02561905
Jefferson P Wallen PO Box 471 East Berlin, PA 17316-0471	Unleased	0.02276190	0.02561905
Paul B Wallen 114 Meadow Hill Converse, TX 78109-2510	Leased	0.02276190	0.02561905
Larry J Wallen 1111 Monticello Dr	Unleased	0.02276190	0.02561905

Aurora, IL 60506-5741			
	Mary L Wallen 400 Carter Court, Atp. C Perryville, MD 21903	Unleased	0.02276190 0.02561905
	Donald W Wallen 210 S Main St Shrewsbury, PA 17361	Unleased	0.02276190 0.02561905
	Jennifer Wysocki PO Box 12 New Oxford, PA 17350	Unleased	0.02276190 0.02561905
	Tract 12 Totals		2.39000000 2.69000000
13	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	1.68500000 1.90000000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	1.68500000 1.90000000
	Tract 13 Totals		3.37000000 3.80000000
14	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	1.77500000 2.00000000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	1.77500000 2.00000000
	Tract 14 Totals		3.55000000 4.00000000
15	Tax ID# - 4731-14229 KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.37772460 0.42732480
	Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.26231040 0.29675520

	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.25756830	0.29139040
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.03168000	0.03584000
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.06071670	0.06868960
	Tract 15 Totals		0.99000000	1.12000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	0.99000000	1.12000000
16	Tax ID# - 4731-14229 KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	4.63189560	5.21946720
	Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	3.21661440	3.62465280
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	3.15846380	3.55912560
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.38848000	0.43776000
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.74454620	0.83899440
	Tract 16 Totals		12.14000000	13.68000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536	Lessee	12.14000000	13.68000000

Pittsburgh, PA 15222

17	Tax ID# - 4731-14229 KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	1.03015800	1.15988160
	Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.71539200	0.80547840
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.70245900	0.79091680
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.08640000	0.09728000
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.16559100	0.18644320
	Tract 17 Totals		2.70000000	3.04000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	2.70000000	3.04000000
18	Tax ID# - 4731-14229 KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.53415600	0.60283320
	Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.37094400	0.41863680
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.36423800	0.41106860
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133	Unleased	0.04480000	0.05056000

Dallas, TX 75207

Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.08586200	0.09690140
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Tract 18 Totals		1.40000000	1.58000000
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OR

EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	1.40000000	1.58000000
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19 Tax ID# - 4726-521 Darrell & Ernestine Hibbits PO Box 2013 Chilhowie, VA 24319	Unleased	0.40333333	0.45333333
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Kenneth & Betty Hibbits 9290 Blackbird Loop Culpepper, VA 22701-8147	Unleased	0.40333333	0.45333333
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Zola Christine Hibbits PO Box 58 Marshall, VA 20116-0058	Unleased	0.40333333	0.45333333
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Tract 19 Totals		1.21000000	1.36000000
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TOTAL GAS ESTATE		100.00000000	112.69000000
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Percentage of Unit Leased	60.17080655
Percentage of Unit Unleased	39.82919345

Acreage in Unit Leased	67.80562798
Acreage in Unit Unleased	44.88437202

OR - subject to lease agreement between KRP Marcellus I, LLC et. al. and EQT

Percentage of Unit Leased if EQT Leased	77.40080655
Percentage of Unit Unleased if EQT Leased	22.59919345

Acreage in Unit Leased if EQT Leased	87.22562798
Acreage in Unit Unleased if EQT Leased	25.46437202

**Exhibit "B-3" - Unleased Owners
V-530350
Docket No.: VGOB-18-0918-4187**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
4	Tax ID# - Minerals Only Christina L Russin 21515 81st Street Bristol, WI 53104-9717	Unleased	0.17718750	0.19968750
5	Tax ID# - 6308-10790 Farrell L Stanley 1261 Rockhouse Rd Coeburn, VA 24230	Unleased	0.12000000	0.13500000
	Traci & Nicholas Jay Fisanick 1261 Rockhouse Rd Coeburn, VA 24230	Unleased	0.12000000	0.13500000
	Tract 5 Totals		0.24000000	0.27000000
6	Tax ID# - 6308-10790 Farrell L Stanley 1261 Rockhouse Rd Coeburn, VA 24230	Unleased	2.80500000	3.16000000
	Traci & Nicholas Jay Fisanick 1261 Rockhouse Rd Coeburn, VA 24230	Unleased	2.80500000	3.16000000
	Tract 6 Totals		5.61000000	6.32000000
7	Tax ID# - 5254-7450 James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased Life Estate	0.15000000	0.17000000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased Remainder	0.00000000	0.00000000

Exhibit B-3; Well No. V-530350; VGOB-18-0918-4187

8	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	2.31500000	2.61000000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	2.31500000	2.61000000
	Tract 8 Totals		4.63000000	5.22000000
9	Tax ID# - 5261-3070 James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	0.00500000	0.00500000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	0.00500000	0.00500000
	Tract 9 Totals		0.01000000	0.01000000
10	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	0.47500000	0.53500000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	0.47500000	0.53500000
	Tract 10 Totals		0.95000000	1.07000000
11	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	0.22500000	0.25500000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	0.22500000	0.25500000

Exhibit B-3; Well No. V-530350; VGOB-18-0918-4187

Tract 11 Totals		0.45000000	0.51000000
12 Tax ID# - 5364-7474			
James R & Nola L Mullins	Unleased	0.17071429	0.19214286
325 Trillium Ln			
Coeburn, VA 24230			
Rebecca Ann Falce	Unleased	0.17071429	0.19214286
350 Bello Rd			
Tazewell, TN 37879			
Roger Blake Large	Unleased	0.08535714	0.09607143
PO Box 1417			
Pound, VA 24279			
George Ray Large	Unleased	0.08535714	0.09607143
529 Beards Hill Rd			
Aberdeen, MD 21001			
Sandra Waters	Unleased	0.08535714	0.09607143
2021 N. Nelson St., Apt 306			
Arlington, VA 22207-3671			
Darrell R Large	Unleased	0.08535714	0.09607143
583 Kumukahi Place			
Honolulu, HI 96825			
Opal May Mullins	Unleased	0.34142857	0.38428571
1925 Old Mayfield Rd			
Danville, VA 24541			
Jewell Johnson	Unleased	0.34142857	0.38428571
201 Wheatland Court Unit 3			
Christiansburg, VA 24073			
<i>Haskel Carnis Mullins Heirs</i>			
Anna L Worley	Unleased	0.11380952	0.12809524
601 McCosh Street			
Hanover, PA 17331			
Janis Hudler	Unleased	0.11380952	0.12809524
143 Schoolhouse Road			
West Grove, PA 19390			

Exhibit B-3; Well No. V-530350; VGOB-18-0918-4187

Patricia Strausbaugh 122 Fairview Ave Dover, PA 17315-1316	Unleased	0.11380952	0.12809524
<i>Kenneth Wallen Heirs</i> Benjmin Wallen 3420 Carlisle Pike New Oxford, PA 17350	Unleased	0.01422619	0.01601190
Brentli Wallen 3420 Carlisle Pike New Oxford, PA 17350	Unleased	0.01422619	0.01601190
<i>Lewis & Delores E Wallen Heirs</i> Jon Wallen 4 Mitchell Ct. Apt Hanover, PA 17331	Unleased	0.00711310	0.00800595
Stacey Topper 95 Pine Grove Rd Hanover, PA 17331	Unleased	0.00711310	0.00800595
Sara Wallen 13 N Market Street, Apt. 4 Duncannon, PA 17020-1210	Unleased	0.00711310	0.00800595
Norma Wilcox 1433 SE 5th St Deerfield Beach, FL 33441	Unleased	0.02845238	0.03202381
Norman Wallen JR 2098 Yingling Drive Spring Grove, PA 17362	Unleased	0.02845238	0.03202381
Joyce Markle 1324 Peepytown Road Abbottstown, PA 17301	Unleased	0.02845238	0.03202381
Barbara G Witter 2260 Upper Bermudian Rd Gardners, PA 17324	Unleased	0.02845238	0.03202381
Amy Grosklags 2591 Ballew CT NE	Unleased	0.02845238	0.03202381

Exhibit B-3; Well No. V-530350; VGOB-18-0918-4187

Marietta, GA 30062-4424

Sharon Hamme 92 Hamilton Drive Abbottstown, PA 17301	Unleased	0.02845238	0.03202381
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Mark Wallen 15 Friendly Drive Hanover, PA 17331	Unleased	0.02845238	0.03202381
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Vickie B Taylor 403 Hickory Hollow Lane Brenham, TX 77833-9240	Unleased	0.02276190	0.02561905
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Gwyn D Wallen 238 Carlisle Avenue York, PA 17404	Unleased	0.02276190	0.02561905
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Ester A Devereaux PO Box 274 South Cle Elum, WA 98943	Unleased	0.02276190	0.02561905
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Karen J Leighty 111 Regency Place Columbia, SC 29212-7906	Unleased	0.02276190	0.02561905
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Anthony L Wallen 2037 Glen Cove Rd Darlington, MD 21034-1112	Unleased	0.02276190	0.02561905
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Steven D Wallen 599 Lake Meade Dr 47 East Burlin, PA 17316-9326	Unleased	0.02276190	0.02561905
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Dennis J Wallen PO Box 4703 Gettysburg, PA 17325-4703	Unleased	0.02276190	0.02561905
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David L Wallen 303 Primrose Ln Hanover, PA 17331-5209	Unleased	0.02276190	0.02561905
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Jefferson P Wallen PO Box 471	Unleased	0.02276190	0.02561905
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Exhibit B-3; Well No. V-530350; VGOB-18-0918-4187

East Berlin, PA 17316-0471			
	Larry J Wallen 1111 Monticello Dr Aurora, IL 60506-5741	Unleased	0.02276190 0.02561905
	Mary L Wallen 400 Carter Court, Atp. C Perryville, MD 21903	Unleased	0.02276190 0.02561905
	Donald W Wallen 210 S Main St Shrewsbury, PA 17361	Unleased	0.02276190 0.02561905
	Jennifer Wysocki PO Box 12 New Oxford, PA 17350	Unleased	0.02276190 0.02561905
	Tract 12 Totals		2.25200595 2.53468452
13	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	1.68500000 1.90000000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	1.68500000 1.90000000
	Tract 13 Totals		3.37000000 3.80000000
14	Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	1.77500000 2.00000000
	Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	1.77500000 2.00000000
	Tract 14 Totals		3.55000000 4.00000000
15	Tax ID# - 4731-14229 KRP Marcellus I, LLC	Unleased	0.37772460 0.42732480

Exhibit B-3; Well No. V-530350; VGOB-18-0918-4187

777 Taylor Street, Suite 810 Fort Worth, TX 76102			
Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.26231040	0.29675520
Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.25756830	0.29139040
BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.03168000	0.03584000
Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.06071670	0.06868960
Tract 15 Totals		0.99000000	1.12000000
OR			
EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	0.99000000	1.12000000
16 Tax ID# - 4731-14229			
KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	4.63189560	5.21946720
Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	3.21661440	3.62465280
Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	3.15846380	3.55912560
BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.38848000	0.43776000
Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.74454620	0.83899440
Tract 16 Totals		12.14000000	13.68000000

Exhibit B-3; Well No. V-530350; VGOB-18-0918-4187

	OR			
	EQT Production Company	Lessee	12.14000000	13.68000000
	Attn: Tracy Coyne			
	PO Box 23536			
	Pittsburgh, PA 15222			
17	Tax ID# - 4731-14229			
	KRP Marcellus I, LLC	Unleased	1.03015800	1.15988160
	777 Taylor Street, Suite 810			
	Fort Worth, TX 76102			
	Rivercrest Royalties II, LLC	Unleased	0.71539200	0.80547840
	777 Taylor Street, Suite 810			
	Fort Worth, TX 76102			
	Diversified Rox Minerals, LLC	Unleased	0.70245900	0.79091680
	C/O MSW Royalties, LLC			
	306 West 7th Street, Suite 901			
	Fort Worth, TX 76102			
	BRD Royalty Holdings, LLC	Unleased	0.08640000	0.09728000
	2777 Stemmons Freeway, Suite 1133			
	Dallas, TX 75207			
	Amon G Carter Foundation	Unleased	0.16559100	0.18644320
	PO Box 1036			
	Fort Worth, TX 76101			
	Tract 17 Totals		2.70000000	3.04000000
	OR			
	EQT Production Company	Lessee	2.70000000	3.04000000
	Attn: Tracy Coyne			
	PO Box 23536			
	Pittsburgh, PA 15222			
18	Tax ID# - 4731-14229			
	KRP Marcellus I, LLC	Unleased	0.53415600	0.60283320
	777 Taylor Street, Suite 810			
	Fort Worth, TX 76102			
	Rivercrest Royalties II, LLC	Unleased	0.37094400	0.41863680
	777 Taylor Street, Suite 810			
	Fort Worth, TX 76102			
	Diversified Rox Minerals, LLC	Unleased	0.36423800	0.41106860
	C/O MSW Royalties, LLC			
	306 West 7th Street, Suite 901			
	Fort Worth, TX 76102			

Exhibit B-3; Well No. V-530350; VGOB-18-0918-4187

BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.04480000	0.05056000
Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.08586200	0.09690140
Tract 18 Totals		1.40000000	1.58000000
OR			
EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	1.40000000	1.58000000
19 Tax ID# - 4726-521 Darrell & Ernestine Hibbitts PO Box 2013 Chilhowie, VA 24319	Unleased	0.40333333	0.45333333
Kenneth & Betty Hibbitts 9290 Blackbird Loop Culpepper, VA 22701-8147	Unleased	0.40333333	0.45333333
Zola Christine Hibbitts PO Box 58 Marshall, VA 20116-0058	Unleased	0.40333333	0.45333333
Tract 19 Totals		1.21000000	1.36000000
TOTAL GAS ESTATE		39.82919345	44.88437202

OR - subject to lease agreement between KRP Marcellus I, LLC et. al. and EQT

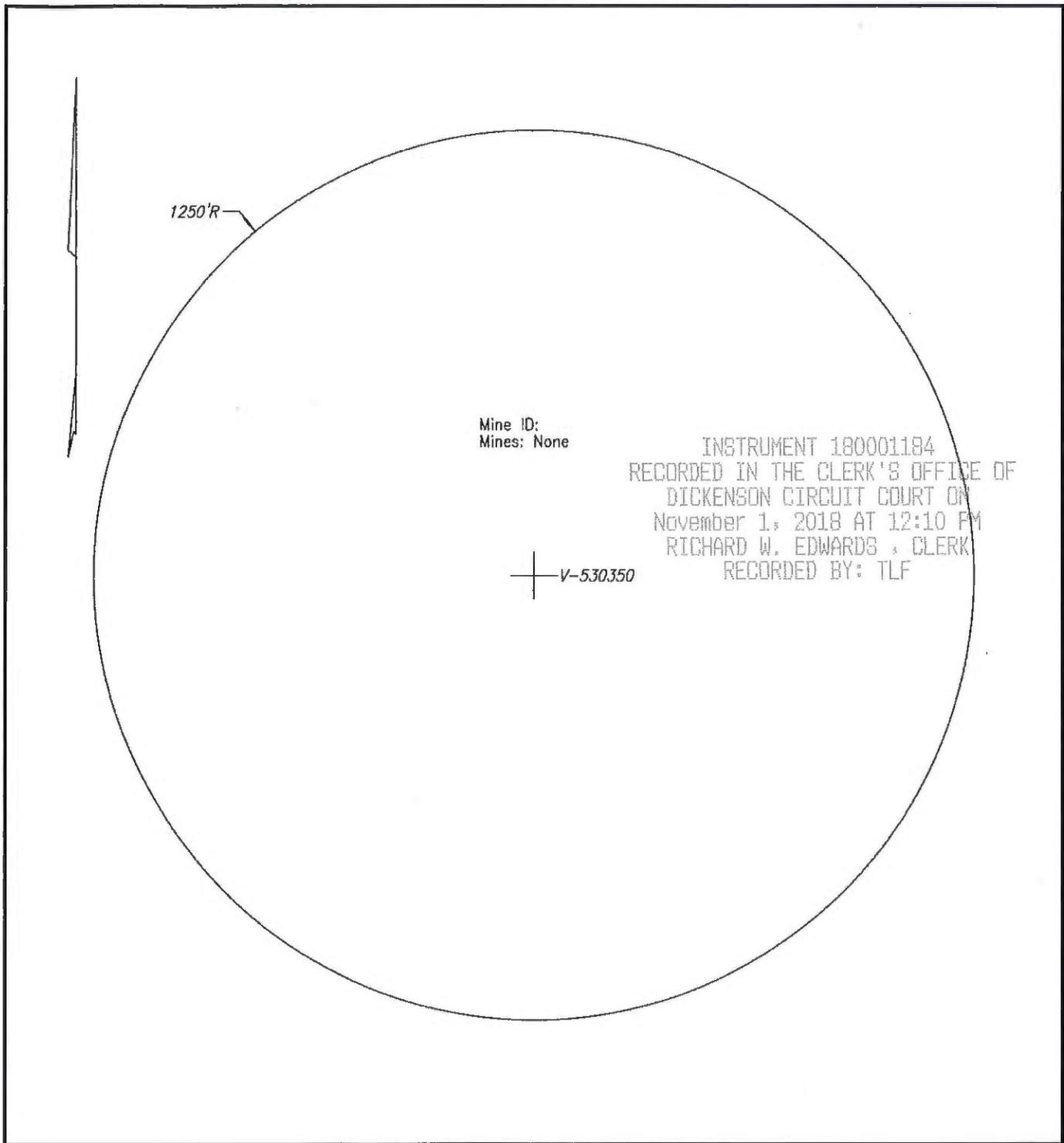
**Exhibit "E" - Escrow Owners
V-530350
Docket No.: VGOB-18-0918-4187**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage In Unit
Gas Estate Only				
15	Tax ID# - 4731-14229 KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.37772460	0.42732480
	Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.26231040	0.29675520
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.25756830	0.29139040
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.03168000	0.03584000
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.06071670	0.06868960
	Tract 15 Totals		0.99000000	1.12000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	0.99000000	1.12000000
16	Tax ID# - 4731-14229 KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	4.63189560	5.21946720
	Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810	Unleased	3.21661440	3.62465280

Fort Worth, TX 76102			
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	3.15846380 3.55912560
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.38848000 0.43776000
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.74454620 0.83899440
	Tract 16 Totals		12.14000000 13.68000000
	OR		
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	12.14000000 13.68000000
17	Tax ID# - 4731-14229		
	KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	1.03015800 1.15988160
	Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.71539200 0.80547840
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.70245900 0.79091680
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.08640000 0.09728000
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.16559100 0.18644320
	Tract 17 Totals		2.70000000 3.04000000
	OR		
	EQT Production Company	Lessee	2.70000000 3.04000000

Attn: Tracy Coyne
PO Box 23536
Pittsburgh, PA 15222

18	Tax ID# - 4731-14229 KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.53415600	0.60283320
	Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.37094400	0.41863680
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.36423800	0.41106860
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.04480000	0.05056000
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.08586200	0.09690140
	Tract 18 Totals		1.40000000	1.58000000
	OR			
	EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	1.40000000	1.58000000
	TOTAL GAS ESTATE		17.23000000	19.42000000



WELL & MINE LOCATION MAP NORA GRID BA-21

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER V-530350
 QUADRANGLE Caney Ridge PERMIT NO. _____ SCALE 1" = 400' DATE 5-04-2015

NOTE: The mine locations are approximate locations taken from downloaded DMME data.
 The maps are to be used for anticipated drilling hazards only.