

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant: EnerVest Operating, L.L.C.)
)
)
Relief Sought: Establish Drilling Unit and Pooling V-530350)
)
Legal)
Description:)
Paul Wayne Wallen et al. Tract) Docket Number:
14.66 acres, more or less) VGOB-18-0918-4187
Kenady District)
Caney Ridge Quadrangle)
Dickenson County, Virginia)
)
(See Exhibit "A" For Specific)
Description))

APPLICATION

1. Parties: Applicant herein is EnerVest Operating, L.L.C., whose address for the purposes hereof is 408 West Main Street, Abingdon, Virginia 24210 Telephone: (276) 628-9001. The attorney for Applicant is Timothy E. Scott, whose address is 135 West Main Street, Suite 200, Kingsport, Tennessee 37660, Telephone: (423) 247-9376. The unleased entities or persons are listed on Exhibit B-3, attached hereto and made a party hereto. Set forth in Exhibit B is the name and last-known address of each owner of record identified by Applicant as having an interest in the oil a gas underlying the unit described in Exhibit A, attached hereto and made part hereof. Each of the unleased individuals named in Exhibit B-3 is being made a party if living; if any such individual is deceased, then the unknown heirs, executors, administrators, devisees, trustees and assignees, both immediate and remote, of any such deceased individual are made parties herein. Each of the unleased entities listed in Exhibit B-3 that is a corporation is being made a party if such entity continues to have legal existence, and if any such corporation is dissolved, then the unknown successors, trustees, and assigns, both immediate and remote, of such dissolved corporation are made parties herein. Each of the unleased entities listed in Exhibit B-3 that is an unincorporated association is being made a party if such entity continues to have legal existence, and if any such unincorporated association is dissolved or otherwise not in existence, then the unknown successors, trustees and assigns, both immediate and remote, of such unincorporated association are made parties herein.

2. Allegation of Facts: Applicant is the owner of the right to develop and produce oil and gas from all formations, from the surface to the total depth drilled within the Nora Gas Field and underlying the lands described on Exhibit A attached hereto and made a part hereof and to appropriate the oil and gas produced therefrom.

(a) Applicant has proposed a plan of development and operation of the Formations underlying the drilling unit involved herein (described and depicted on Exhibit A attached hereto and made a part hereof) and has proposed to commence such plan of development and operation of such unit by a well, designated as well number V-530350 under such plan in the lands involved herein so as to produce oil and gas from the proposed unit.

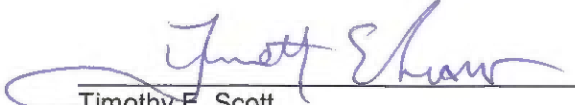
- (b) A Well work permit for well number V-530350 is currently or is anticipated to be pending before the Department of Mines, Minerals and Energy.
- (c) Applicant has exercised due diligence to locate each of the oil and gas interest owners named herein at Exhibit B-3 and has made or is making a bona fide effort to reach an agreement with all unleased parties as to pooling their interest for the development and operation of the well involved herein. Simultaneously with the filing of this application, Applicant has provided notice to each of the unleased parties set forth in Exhibit B-3 pursuant to the provisions of § 45.1-361.19 of the Virginia Code Annotated. Applicant hereby notifies the Board that where the identity or location of any person is shown as "unknown" on Exhibit B-3, then Applicant is unable to provide such person with written notice of the application herein. Conflicting Owners/Claimants in the Subject Drilling Unit are listed in Exhibit E. The interest of all unleased persons in the Formations underlying the drilling unit for well number V-530350 should be pooled for the development and operation thereof.
- (d) Applicant proposes to drill at the permitted location to an approximate depth of 5,037 feet on the Subject Lands to test for oil and gas in the Subject Formations, from the base of the Lee, including but not limited to, Ravencliff, Maxton, Big Lime, Weir, Berea, Devonian Shale, and other associated formations known as the Nora Coalbed Gas Field. Applicant estimates the cost for a well to said depth to be \$490,500.00 for a well completed for production. Exhibit C, attached hereto and made part hereof, is Applicant's signed Authorization For Expenditure ("AFE") which shows the estimated cost of drilling, completing and equipping said well.
- (e) The estimated production over the life of the proposed well is 775 mmcf. These figures concerning estimated production and the amount of reserves are, however, estimates only that are not based upon actual production and should not be relied upon for any purpose.

3. Legal Authority: The relief sought by this Application is authorized by Virginia Code Annotated § 45.1-361.21 et seq. and § 4 VAC 25-160-70 et seq.

4. Relief Sought: Applicant requests the Virginia Gas and Oil Board to enter an order pooling all unleased interests or estates of all persons or entities owning oil and gas interests in the Formations underlying the tracts encompassed by the drilling unit supporting well number V-530350, and (I) authorizing the drilling and operation of a well for the production of oil and gas from the pooled acreage; (II) designating Applicant as the party authorized to drill and operate such well; (III) prescribing the time, manner, and other conditions under which unleased parties owning an interest in the oil and gas may elect to participate in the operation of such well, or to exercise their rights of election under the applicable statutes; (IV) providing that all reasonable costs and expenses of drilling, completing, equipping, operating, plugging and abandoning such well shall be borne, and all production therefrom, shared, by all participating parties in the proportion which the acreage in the pooled tracts owned or under lease to each such participating party bears to the total acreage in such unit; and (V) making provision for the payment of all reasonable costs of the operation, including a reasonable supervision fee, to the Applicant by all parties who elect to participate therein or who elect to be carried interest owners.

Dated this 17th day of August, 2018.

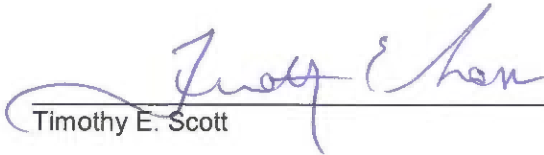
ENERVEST OPERATING, L.L.C



Timothy E. Scott
135 West Main Street, Suite 200
Kingsport, Tennessee 37660
(423) 247-9376

VERIFICATION

The foregoing Application to the best of my knowledge, information and belief is true and correct.



Timothy E. Scott

operation (including the sharing in all reasonable costs of the drilling of the well and development of the unit) at a rate of payment mutually agreed to by the person making the election hereunder and the designated operator herein; or (3) to share in the operation of the well as a nonparticipating operator on a carried basis after the proceeds allocable to such person's share equal the following:

In the case of a leased tract, 300 percent of the share of the costs allocable to such person's interest; or

In the case of an unleased tract, 200 percent of the share of costs allocable to such person's interest;

c. Providing that any person named herein who does not make a timely written election under the terms of the Order to be entered herein shall be deemed to have leased his oil and gas interest in the subject drilling unit to the operator designated herein at a rate to be established by the Board;

d. Designating Applicant, EnerVest Operating, L.L.C., as Operator; providing that the Operator shall have the right to drill, develop, produce, market and sell oil and gas produced from the subject drilling unit; granting the Operator the right to market and sell oil and gas produced from the subject drilling unit which is attributable to the conflicting claims and interest pooled herein; providing that the Operator shall have an operator's lien on the oil and gas estate and rights owned or claimed by the unleased persons named herein in the subject drilling unit; and granting the Operator the right to drill at any legal or specially permitted location on the subject drilling unit;

e. Making any necessary provision for the escrow of funds pursuant to Va. Code Ann. § 45.1-361.22;

f. Providing that the Order to be entered herein shall expire two (2) years from the date of its issuance if operations for the development of the subject drilling unit have not commenced by said date; but further providing that if operations have commenced during said two year period, then said order shall remain in effect for so long as operations continue on the subject drilling unit;

g. Providing that the conduct of operations on any tract in the subject drilling unit shall be deemed to be the conduct of operations on all tracts in the drilling unit; and providing that the production allocated to any tract in the pooled drilling unit shall be in the same proportion as the acreage of that tract bears to the total acreage in the drilling unit; and

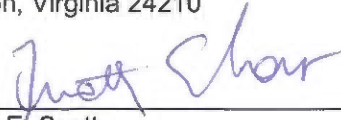
h. Granting such other relief as is merited by the evidence and is just and equitable, whether or not such relief has been specifically requested herein.

NOTICE IS FURTHER GIVEN that this cause has been set for hearing and the taking of evidence before the Board at **9:00 a.m. on September 18, 2018** at the **Russell County Conference Center, Highland Drive**, Lebanon, Virginia, and that notice will be published as required by the law and the rules of the Board.

NOTICE IS FURTHER GIVEN that you may attend this hearing, with or without an attorney, and offer evidence or state any comments you have. The Board rules require that any written objections you wish to file must be filed with the Board at least 10 days before the hearing. For further information, contact the Virginia Gas and Oil Board, State Gas and Oil Inspector, Department of Mines, Minerals and Energy, Division of Gas and Oil, 135 Highland Drive, Lebanon, Virginia, 24266, (276) 415-9650 or the Applicant at the address shown below.

DATED this 17th day of August, 2018.

EnerVest Operating, L.L.C.
408 West Main Street
Abingdon, Virginia 24210

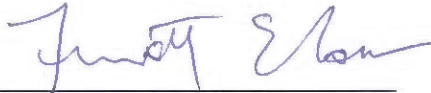


Timothy E. Scott
of Counsel for
EnerVest Operating, L.L.C.
135 West Main Street
Suite 200
Kingsport, Tennessee 37660
(423) 247-9376

CERTIFICATE OF SERVICE

I, Timothy E. Scott, of Counsel for EnerVest Operating, L.L.C., hereby certify that I have on this, the 17th day of August, 2018, caused the foregoing notice and application to be served upon parties listed herein, at their address, by certified mail, return receipt requested.

Dated this 17th day of August, 2018.



Timothy E. Scott

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

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| <p>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%</p> <p>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%</p> <p>3 . Lease No. 45013526
 68.03 Acres
 G. Mark French Heirs - surface, oil & gas
 Gas 11.50 Ac. 10.21%</p> <p>4 . Lease No. 45013526
 13.13 Acres
 G. Mark French Heirs & Wiley B. Trivitt Heirs - surface, oil & gas
 Gas 6.39 Ac. 5.67%</p> <p>5 . Lease No.
 Parcel
 Farrell L. Stanley oil & gas (1/2 Int.)
 Traci & Nicholas Jay Fisancik - oil & gas (1/2 Int.)
 Gas 0.27 Ac. 0.24%</p> <p>6 . Lease No.
 6.38 Acres
 Farrell L. Stanley oil & gas (1/2 Int.)
 Traci & Nicholas Jay Fisancik - oil & gas (1/2 Int.)
 Gas 6.32 Ac. 5.61%</p> <p>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%</p> <p>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%</p> <p>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%</p> <p>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%</p> <p>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%</p> | <p>12 . Lease No. 45013526
 P/O 40 Acres
 L.P. Mullins Heirs - oil & gas
 Gas 2.69 Ac. 2.39%</p> <p>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%</p> <p>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%</p> <p>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%</p> <p>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%</p> <p>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%</p> <p>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%</p> <p>19 . J.M Buchanan
 110.975 Acres
 ACIN LLC - coal
 Lease No.
 P/O 31.18 Acres
 Darrell Hibbitts & Ernestine Hibbitts - oil & gas (1/3 Und. Int.)
 Kenneth Hibbitts - oil & gas (1/3 Und. Int.)
 Zola Christine Hibbitts - oil & gas (1/3 Und. Int.)
 Gas 1.36 Ac. 1.21%</p> |
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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

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

	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

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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

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

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

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	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

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

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

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

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

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

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

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

Aurora, IL 60506-5741

Mary L Wallen 400 Carter Court, Atp. C Perryville, MD 21903	Unleased	0.02276190	0.02561905
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Donald W Wallen 210 S Main St Shrewsbury, PA 17361	Unleased	0.02276190	0.02561905
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Jennifer Wysocki PO Box 12 New Oxford, PA 17350	Unleased	0.02276190	0.02561905
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Tract 12 Totals		2.39000000	2.69000000
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13 Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	1.68500000	1.90000000
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Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	1.68500000	1.90000000
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Tract 13 Totals		3.37000000	3.80000000
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14 Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	1.77500000	2.00000000
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Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	1.77500000	2.00000000
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Tract 14 Totals		3.55000000	4.00000000
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15 Tax ID# - 4731-14229 KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.37772460	0.42732480
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Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.26231040	0.29675520
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Exhibit B; Well No. V-530350; VGOB-18-0918-4187

	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

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

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

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

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 Hibbitts PO Box 2013 Chilhowie, VA 24319	Unleased	0.40333333	0.45333333
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Kenneth & Betty Hibbitts 9290 Blackbird Loop Culpepper, VA 22701-8147	Unleased	0.40333333	0.45333333
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Zola Christine Hibbitts 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
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Percentage of Unit Unleased	39.82919345
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Acreage in Unit Leased	67.80562798
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Acreage in Unit Unleased	44.88437202
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OR - subject to lease agreement between KRP Marcellus I, LLC et. al. and EQT

Percentage of Unit Leased if EQT Leased	77.40080655
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Percentage of Unit Unleased if EQT Leased	22.59919345
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Acreage in Unit Leased if EQT Leased	87.22562798
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Acreage in Unit Unleased if EQT Leased	25.46437202
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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
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Mary L Wallen 400 Carter Court, Atp. C Perryville, MD 21903	Unleased	0.02276190	0.02561905
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Donald W Wallen 210 S Main St Shrewsbury, PA 17361	Unleased	0.02276190	0.02561905
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Jennifer Wysocki PO Box 12 New Oxford, PA 17350	Unleased	0.02276190	0.02561905
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Tract 12 Totals		2.25200595	2.53468452
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13 Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	1.68500000	1.90000000
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Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	1.68500000	1.90000000
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Tract 13 Totals		3.37000000	3.80000000
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14 Tax ID# - Minerals Only James R & Nola L Mullins 325 Trillium Ln Coeburn, VA 24230	Unleased	1.77500000	2.00000000
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Rebecca Ann Falce 350 Bello Rd Tazewell, TN 37879	Unleased	1.77500000	2.00000000
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Tract 14 Totals		3.55000000	4.00000000
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15 Tax ID# - 4731-14229 KRP Marcellus I, LLC	Unleased	0.37772460	0.42732480
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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 Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	12.14000000	13.68000000
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17 Tax ID# - 4731-14229

KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	1.03015800	1.15988160
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Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.71539200	0.80547840
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Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.70245900	0.79091680
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BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.08640000	0.09728000
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Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.16559100	0.18644320
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Tract 17 Totals		2.70000000	3.04000000
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OR

EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	2.70000000	3.04000000
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18 Tax ID# - 4731-14229

KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.53415600	0.60283320
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Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.37094400	0.41863680
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Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.36423800	0.41106860
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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

Company: EnerVest Operating, LLC.

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

AFE #

Well Name: V-530350

Location: Buchanan, VA

Expected Pay Zones: Ravenclyff, Big Lime, Weir, Berea

Proposed Work: DRILL, COMPLETE AND PLACE INTO PRODUCTION

Property #

Version # 1

Field: NORA FIELD

Completed By: TEAM

Operator: EnerVest Operating, LLC.

Date: 3/7/2018

Estimated Total Depth: 5,037 FT

AAPG Class: DEVELOPMENT

Participant(s): EnerVest Operating, LLC.

Amount: \$490,500

Description	Casing Point	Completion	Total Cost
Roads / Stone / Culverts	\$8,000	\$0	\$8,000
Location Rds/Stone/Culverts	\$0	\$1,000	\$1,000
Building Location/Materials	\$24,000	\$5,000	\$29,000
Reclamation & Damages	\$10,000	\$0	\$10,000
Surface Damages	\$0	\$0	\$0
Permit / Title Opinion / Survey / Insurance	\$13,000	\$0	\$13,000
Drilling - Dayrate	\$6,000	\$0	\$6,000
Drilling - Footage	\$66,900	\$0	\$66,900
Completion Rig	\$0	\$12,000	\$12,000
I Drilling - Bits	\$0	\$1,500	\$1,500
N Mud & Chemicals (Drilling)	\$0	\$0	\$0
T Fresh Water Hauling (Completion)	\$0	\$4,000	\$4,000
A Cement Production Casing	\$0	\$13,000	\$13,000
N Trucking / Dozer (Completion)	\$0	\$5,000	\$5,000
G Cement Services	\$18,000	\$0	\$18,000
I Trucking / Dozer (Drilling)	\$3,500	\$0	\$3,500
B Rental Tools & Equipment (Completion)	\$0	\$5,000	\$5,000
L Fresh Water Hauling (Drilling)	\$3,000	\$0	\$3,000
E Cased Hole Logging / Perforating	\$0	\$21,000	\$21,000
S Rental Tools & Equipment (Drilling)	\$500	\$0	\$500
Open Hole Logging & Testing	\$11,000	\$15,000	\$26,000
Stimulation / Fracturing	\$0	\$80,000	\$80,000
Roustabout Labor	\$2,500	\$5,000	\$7,500
Overhead Rate	\$2,000	\$6,000	\$8,000
Misc. & Contingencies (Insurance)	\$500	\$0	\$500
Haul Pit Water / Disposal	\$0	\$3,000	\$3,000
Drilling - Mobilization	\$0	\$0	\$0
Fuel	\$0	\$0	\$0
Technical Supervision (Drilling)	\$0	\$0	\$0
Technical Supervision (Completion)	\$0	\$0	\$0
Environmental & Safety	\$500	\$500	\$1,000
TOTAL INTANGIBLES	\$169,400	\$177,000	\$346,400

Description	Casing Point	Completion	Total Cost
_____ " Conductor Ft	\$1,100	\$0	\$1,100
_____ " 26 lb/ft LS Surface Csg Ft	\$6,000	\$0	\$6,000
_____ " 19 lb/ft LS Intermediate Csg Ft	\$20,600	\$0	\$20,600
T 4½" 9.5 lb/ft M-65 Production Csg Ft	\$0	\$27,500	\$27,500
A Wellhead Equipment / Fittings	\$3,400	\$12,000	\$15,400
N 2-3/8 " 4.7 lb/ft J55 8rd Production Tubing Ft	\$0	\$15,200	\$15,200
G Rods / Stuffing Box	\$0	\$0	\$0
I Downhole Pump	\$0	\$0	\$0
B Electric Service & Equipment	\$0	\$0	\$0
L Tank Battery	\$0	\$4,500	\$4,500
E Flow Line labor/material	\$0	\$28,450	\$28,450
S Valves & Fittings	\$0	\$1,000	\$1,000
Separator / Heater / Treater	\$0	\$7,050	\$7,050
4½" 10.5 lb/ft M-65 Production Csg Ft	\$0	\$0	\$0
Gas Lift Equipment	\$0	\$0	\$0
Pumping Unit / Motor	\$0	\$0	\$0
Sales line labor/mat/row	\$0	\$17,300	\$17,300
TOTAL TANGIBLES	\$31,100	\$113,000	\$144,100

GRAND TOTAL WELL COST	\$200,500	\$290,000	\$490,500
Plugging & Abandonment		\$30,000	
Production Costs :	\$490,500	Dry Hole Costs :	\$230,500

Operations	<i>C.M. Randolph</i>	Date	<i>8/16/18</i>
Engineering	<i>C.M. Randolph</i>	Date	<i>8/16/18</i>
Geology	<i>Henry J. Miller</i>	Date	<i>8/16/2018</i>
Land	<i>Chad...</i>	Date	<i>8/16/18</i>

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

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

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

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
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BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.38848000	0.43776000
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Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.74454620	0.83899440
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Tract 16 Totals		12.14000000	13.68000000
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OR

EQT Production Company Attn: Tracy Coyne PO Box 23536 Pittsburgh, PA 15222	Lessee	12.14000000	13.68000000
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17 **Tax ID# - 4731-14229**

KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	1.03015800	1.15988160
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Rivercrest Royalties II, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.71539200	0.80547840
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Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 306 West 7th Street, Suite 901 Fort Worth, TX 76102	Unleased	0.70245900	0.79091680
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BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.08640000	0.09728000
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Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.16559100	0.18644320
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Tract 17 Totals		2.70000000	3.04000000
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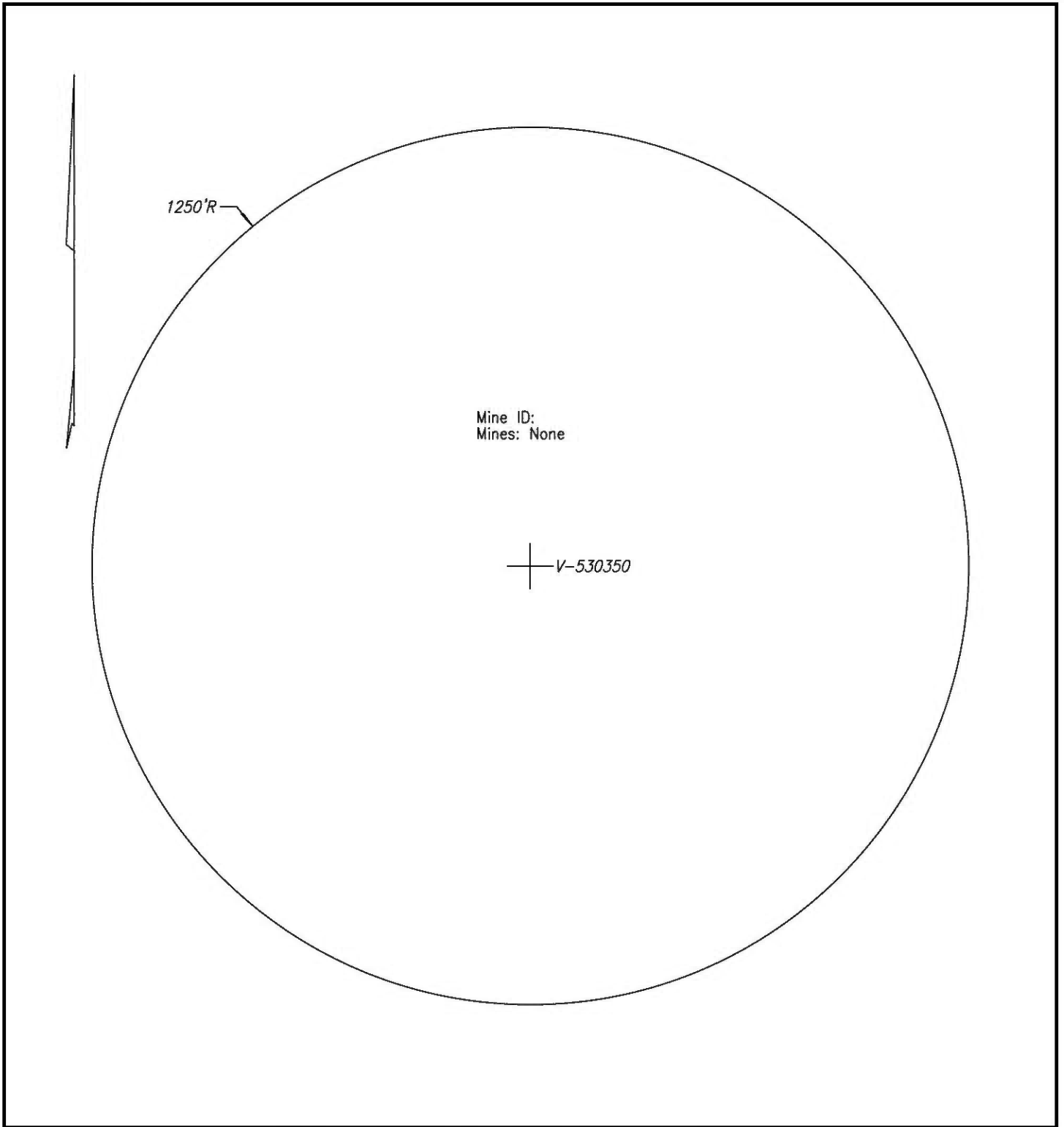
OR

EQT Production Company	Lessee	2.70000000	3.04000000
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Exhibit E; Well No. V-530350; VGOB-18-0918-4187

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			
	BRD Royalty Holdings, LLC	Unleased	0.04480000	0.05056000
	2777 Stemmons Freeway, Suite 1133			
	Dallas, TX 75207			
	Amon G Carter Foundation	Unleased	0.08586200	0.09690140
	PO Box 1036			
	Fort Worth, TX 76101			
	Tract 18 Totals		1.40000000	1.58000000
	OR			
	EQT Production Company	Lessee	1.40000000	1.58000000
	Attn: Tracy Coyne			
	PO Box 23536			
	Pittsburgh, PA 15222			
	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.