

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	EnerVest Operating, LLC)	
)	
Relief Sought:	Re-Pooling of Well No. V-530399)	
)	
Legal Description:	B.B. Redwine T-877 Tract)	Docket Number:
	114.98 acres, more or less)	VGOB-14-0714-4055-01
	Gladeville District)	
	Pound Quadrangle)	
	Wise County, Virginia)	
)	
	(See Exhibit A for Specific)	
	Description))	

APPLICATION

SECTION 1. PARTIES

1.1 Applicant herein is EnerVest Operating, LLC, whose address is 408 West Main Street, Abingdon, Virginia 24212, and whose telephone number is (276) 628-9001. The attorney for Applicant is Timothy E. Scott, McKinnis & Scott, Attorneys at Law, having an address of 135 West Main Street, Suite 200, Kingsport, Tennessee, 37660, and whose telephone number is (423) 247-9376.

1.2 Applicant has the right to investigate, explore, prospect, drill for, and produce oil and/or gas underlying the drillsite tract depicted and set forth on Exhibit A attached hereto and made a part hereof. Exhibit A is a plat prepared by a licensed land surveyor or registered professional engineer showing the boundary and acreage of the Drilling Unit within which Applicant's well is proposed to be located (hereinafter referred to as the "Unit").

1.3 The names and last-known addresses of each person identified by Applicant as owning an interest of record in the oil and gas within the Unit are listed on Exhibit B, attached hereto and made a part hereof. Every individual or entity so identified as having an interest in the oil and gas in the Unit is being made a party to this application, whether known or unknown. Each of the individuals named in Exhibit B is being made a party if living; if any such individual is deceased, then the unknown heirs, devisees, executors, administrators, personal representatives, trustees and assignees, of any such deceased individual are made parties herein. Each of the entities listed in Exhibit B 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 and assigns of such dissolved corporation are made parties herein. Each of the parties listed in Exhibit B 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 of such unincorporated association are made parties herein.

SECTION 2. ALLEGATION OF FACTS

A. Pooling of Interests

2.1 Applicant hereby states that it is a "gas or oil owner" within the meaning of § 45.1-361.21 of the Code of Virginia, being the lessee of the oil and gas owner of the drillsite tract within the Unit. Applicant is the owner of the right to develop and produce oil and gas from all formations, from the surface to total depth drilled, underlying said tract of land, and to appropriate the oil and gas produced therefrom.

2.2 Applicant further states that there exists within the Unit (i) two or more separately owned tracts or (ii) separately owned interests in all or part of such Unit, within the meaning of § 45.1-361.21 A of the Code of Virginia.

2.3 Applicant further states that, as of the date of the filing of this application, it has been unable to procure a voluntary agreement from each oil and gas interest owners within the Unit, and thus is entitled to file this application to pool such interests. Those parties who have not entered into a voluntary agreement with Applicant are listed on Exhibit B-3 attached hereto and made a part hereof.

2.4 Applicant has proposed a plan of development and operation of the oil and gas formations underlying the Unit, such plan to be commenced by the drilling on the Unit of Applicant's proposed well, designated as the V-530399 Well, for the production of oil and gas from the Unit.

2.5 A well work permit for the V-530399 Well has been or will be submitted to the Department of Mines, Minerals and Energy.

2.6 Applicant has exercised due diligence to locate each of the oil and gas interest owners named herein on Exhibit B-3 and has made or is making a bona fide effort to reach an agreement with all parties as to pooling their oil and gas interest for the development and operation of the well involved herein. Simultaneously with the filing of this application, Applicant has provided notice, by certified mail, return receipt requested, to each of the parties set forth on Exhibit B pursuant to the provisions of § 45.1-361.19 of the Code of Virginia, being all parties known to the Applicant having an interest in the oil and gas underlying the Unit. Any owners whose identities or locations are unknown at the time of the filing of this application are shown on Exhibit B. Where the identity or location of any person or entity is unknown, then Applicant is unable to provide said persons or entities with written notice or personal service of this application. Any unknown or unlocatable owners, if any, in the Subject Drilling Unit are listed in Exhibit E. The oil and gas interests of such persons or entities, whether known or unknown, should be pooled for the development and operation of the Unit, so as to safeguard, protect, and enforce the correlative rights of oil and gas owners having interests within the Unit, and to prevent waste and avoid the drilling of unnecessary wells, thus allowing the orderly development of the oil and gas resources within the Unit.

B. Costs and Production

2.7 Applicant proposes to drill at the location depicted on the plat attached hereto as Exhibit A to an approximate depth of 6,124 feet to test for oil and gas from all formations from the base of the Lee, including but not limited to: Ravencloff, Maxon, Big Lime, Weir, Berea, Devonion Shale, and other associated formations know to the Nora Gas Field. Applicant estimates the cost for a well drilled to said depth to be \$514,200.00 if completed for production. Attached hereto and made a part hereof as Exhibit C is Applicant's Authority for Expenditure (AFE) which shows the estimated cost of drilling, completing, and equipping said well.

2.8 The estimated production over the life of the proposed well is 877 mmcf. Such figures regarding estimated production and the amount of any reserves for the proposed well are, however, estimates only that are not based upon actual production and should not be relied upon for any purpose.

SECTION 3. LEGAL AUTHORITY

3.1 The relief sought by this application is authorized by Virginia Code Annotated §45.1-361.20 and § 45.1-361.21 *et seq.* of the Code of Virginia and § 4 VAC 25-160-70 *et seq.* of the Gas and Oil Board Regulations of the Commonwealth of Virginia.

SECTION 4. RELIEF SOUGHT

4.1 Applicant requests the Board to enter an order as follows:

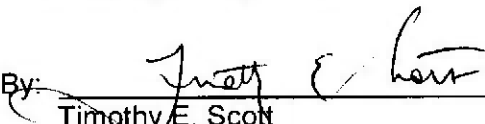
- a. Authorizing the drilling and operation of Applicant's proposed V-530399 Well, as depicted on Exhibit A;
- b. Establishing a drilling unit as depicted on Exhibit A pursuant to § 45.1-361.20 of the Code of Virginia. Pooling all the interests of every individual and entity owning an interest in oil and gas within the Unit, whether known or unknown, and their known and unknown heirs, devisees, executors, administrators, personal representatives, trustees, successors, and assigns, for the drilling, development, and production of oil and gas from the Unit;
- c. Designating EnerVest Operating, LLC, Applicant herein, as the operator who will be authorized to drill, complete, and operate the well drilled in the Unit, and the right to market and sell oil and gas produced from the Unit and attributable to the interests pooled herein;
- d. Prescribing the conditions under which the parties listed on Exhibit B-3 shall have the right to elect: (i) to sell or lease his gas or oil ownership to said operator on such terms as the parties may agree, or if unable to agree, upon such terms as are set forth by the Board in its order; (ii) to become a working interest owner by participating in the risk and cost of the well; or (iii) to participate in the operation of the well as a nonparticipating operator on a carried basis;
- e. Providing that all reasonable costs and expenses of drilling, completing, equipping, operating, plugging and abandoning the well to be drilled within the Unit shall be borne, and all production therefrom shared, by all participating parties in the proportion which their working interest bears to the total acreage in the Unit;

f. Establishing a reasonable fee for the Applicant as operator for operating costs, including a reasonable supervision fee, which shall include routine maintenance of the well and all accounting necessary to pay all expenses, royalties, and amounts due working interest owners, which fee shall be borne by all parties who elect to participate as a working interest owner or as a carried interest owner; and

g. 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.

Dated this 19th day of April, 2019.

EnerVest Operating, LLC

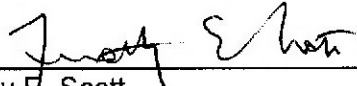
By: 

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

Attorney for Applicant

VERIFICATION

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



Timothy E. Scott
McKINNIS & SCOTT
Attorneys at Law

[c:\msword2000\enervest\2019\pooling.well no. V-530399.application May 2019]

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant: EnerVest Operating, L.L.C.)
)
)
Relief Sought: Re-Pooling)
)
Location: See Exhibit "A") Docket No.
Well Number: V-530399) VGOB-14-0714-4055-01
)
)
Legal)
Description: B.B. Redwine T-877 Tract)
114.98 acres, more or less)
Gladeville District)
Pound Quadrangle)
Wise County, Virginia)

NOTICE OF HEARING

HEARING DATE: May 21, 2019
PLACE: Russell County Conference Center
Highland Drive
Lebanon, Virginia
TIME: 9:00 a.m.

COMMONWEALTH OF VIRGINIA: To all unleased persons owning an interest in the oil and gas in and underlying the unit surrounding Well Number V-530399 as described on Exhibit "A" to the Application, which is attached to this Notice, in Wise County, Virginia (hereinafter "Subject Lands") and adjacent lands, and in particular to the following persons, their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote:

See attached Exhibit B-3.

NOTICE IS HEREBY GIVEN that the Applicant is requesting that the Virginia Gas and Oil Board (hereinafter "Board") issue an order establishing a drilling unit and pooling all the rights, interests, and estates of the unleased persons pursuant to Virginia Code Ann. § 45.1-361.1 et seq. in regard to the drilling, development and production of oil, gas from the V-530399 Unit Well, containing approximately 112.69 acres, located on the above-referenced tracts situated approximately 4,780 feet southeast of the intersection of Virginia State Routes 643 and 670 and approximately 7,320 feet east of Hurricane located in the Gladeville District, Pound Quadrangle of Wise County, Virginia.

Applicant requests that the Board issue an order providing as follows:

- a. Pooling all the interests and estates of the persons named herein and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the drilling, development and production of oil, gas and coalbed methane from the subject drilling unit for the Subject Formations underlying and comprised of the Subject Lands;
- b. Establishing a procedure whereby each person named herein shall have the right to elect (1) to assign or lease his oil, gas and coalbed methane interest in the subject drilling unit to the designated operator; (2) to enter into a voluntary agreement with the designated operator

to share in the 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, gas and coalbed methane 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, gas and coalbed methane produced from the subject drilling unit; granting the Operator the right to market and sell oil, gas and coalbed methane 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, gas and coalbed methane 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

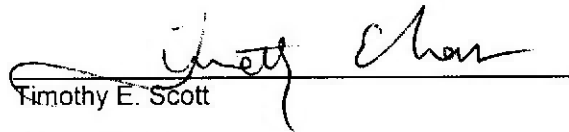
h. Granting such other relief as is merited by the evidence and is just and equitable, whether or not such relief has been specifically requested herein.

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 May 21, 2019** 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 19th day of April, 2019.

EnerVest Operating, L.L.C.
406 West Main Street
P. O. Box 2136
Abingdon, Virginia 24212

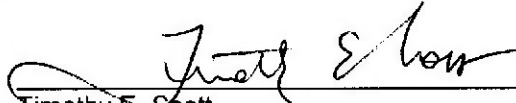

Timothy E. Scott

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 19th day of April, 2019, caused the foregoing notice and application to be served upon parties listed herein, at their address, by certified mail, return receipt requested.

Dated this 19th day of April, 2019.



Timothy E. Scott

Exhibit A
2400-R-547
V-530399
VGOB-14-0714-4055-01

2,605'

Well Coordinates: (Geographic N83) 37.003706° -82.508802°
 Well Coordinates: (UTM N27, Zone 17) N 13,439,433.33 E 1,199,980.89

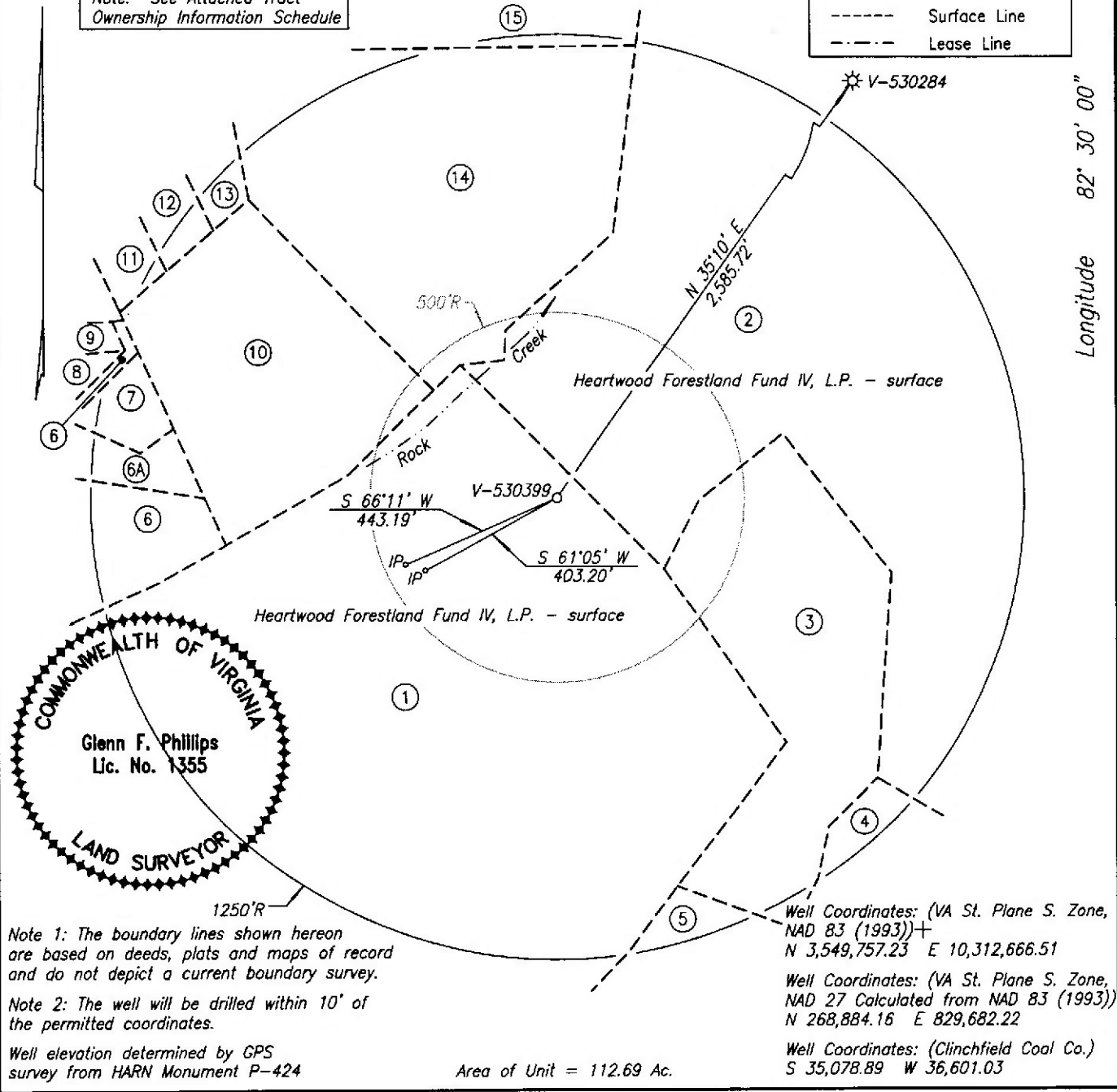
Latitude 37° 02' 30"

Longitude 82° 30' 00"

13,855'

Note: See Attached Tract Ownership Information Schedule

--- Mineral Line
 - - - Surface Line
 - · - Lease Line



Note 1: The boundary lines shown hereon are based on deeds, plats and maps of record and do not depict a current boundary survey.

Note 2: The well will be drilled within 10' of the permitted coordinates.

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

Area of Unit = 112.69 Ac.

Well Coordinates: (VA St. Plane S. Zone, NAD 83 (1993))+
 N 3,549,757.23 E 10,312,666.51

Well Coordinates: (VA St. Plane S. Zone, NAD 27 Calculated from NAD 83 (1993))
 N 268,884.16 E 829,682.22

Well Coordinates: (Clinchfield Coal Co.)
 S 35,078.89 W 36,601.03

WELL LOCATION PLAT NORA GRID BW-14

COMPANY Enervest Operating, LLC WELL NAME AND NUMBER V-530399
 TRACT NO. T-877 ELEVATION 2,389.97' QUADRANGLE Pound
 COUNTY Wise DISTRICT Gladeville SCALE 1" = 400' DATE 3-14-2019

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: c=US, o=GLENN F. PHILLIPS COMPANY P.C., ou=A01427D00000166C600328200006E48, cn=Glenn F Phillips
 Date: 2019.03.21 09:56:52 -0400

V-530399 PLAT
TRACT OWNERSHIP INFORMATION SCHEDULE
3/14/2019

Exhibit A
2400-R-547
V-530399
VGOB-14-0714-4055-01

1. T-877
B. B. Redwine
114.98 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
EnerVest Energy Institutional Fund XIV-A, L.P., EnerVest Energy Institutional Fund XIV-A1, L.P., &
EnerVest Energy Institutional Fund XIV-WIC, L.P. - oil & gas
Gas 39.97 Ac. 35.47%
2. T-875
E. G. Willard
248.77 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
EnerVest Energy Institutional Fund XIV-A, L.P., EnerVest Energy Institutional Fund XIV-A1, L.P., &
EnerVest Energy Institutional Fund XIV-WIC, L.P. - oil & gas
Gas 32.35 Ac. 28.71%
3. WI-58
John W. Horn
237.518 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Unleased
Kenneth Lester Sanders - oil & gas
10.30 Acres
Gas 10.47 Ac. 9.29%
4. WI-58
John W. Horn
237.518 Acres
KRP Marcellus I, LLC et al. - oil & gas
Gas 0.67 Ac. 0.59%
5. Lease No. 10001315-000
Jennifer Mize & Rebecca Mize, subject to life estate of Sharon Mize and James Mize - oil & gas
10 Acres
Gas 0.64 Ac. 0.57%
6. Lease No. 10001301-000
Alma Jean Estep - oil & gas
5.116 Acres
Gas 2.00 Ac. 1.78%
- 6A. Lease No. 10001301-000
Anthony & Natasha Proulex - oil & gas
0.929 Acres
Gas 0.76 Ac. 0.67%

Exhibit A
2400-R-547
V-530399
VGOB-14-0714-4055-01

- 7 . Lease No. 10001302-000
Anthony & Natasha Proulex - oil & gas
0.899 Acre
Gas 0.78 Ac. 0.69%
- 8 . Lease No. 10001300-000
William DeWayne Jackson & Penny Jo Jackson - oil & gas
0.390 Acres
Gas 0.01 Ac. 0.01%
- 9 . Lease No. 10001300-000
William DeWayne Jackson & Penny Jo Jackson - oil & gas
0.427 Acres
Gas 0.01 Ac. 0.01%
- 10 . TC-21
W. R. Wheatley
120.14 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Unleased
Faye & Kevin Wayne Ormes - oil & gas
8 Acres
Gas 9.41 Ac. 8.35%
- 11 . Unleased
Beverly Faye & Kevin Ormes - oil & gas
0.982 Acres
Gas 0.07 Ac. 0.06%
- 12 . Lease No. 10001297-002 & 10001297-001
Dennis R. Sluss & Deanna Maloney - oil & gas
0.982 Acres
Gas 0.27 Ac. 0.24%
- 13 . Unleased
Regina & Terry Chisenhall - oil & gas
4.003 Acres
Gas 0.33 Ac. 0.29%
- 14 . TC-21
W. R. Wheatley
120.14 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Unleased
Ben A. Jr. & Kathy Rena Franklin - oil & gas
10 Acres
Gas 14.67 Ac. 13.02%
- 15 . Unleased
34.436 Acres
Ben A. Franklin, Jr. & Kathy Rena Franklin - oil & gas
Gas 0.28 Ac. 0.25%

Exhibit "B"
V-530399
Docket Number: 14-0714-4055-01

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
1	EnerVest Energy Institutional Fund XIV-A, L.P. & EnerVest Energy Institutional Fund XIV-WIC, L.P. Attn: Kevin Miller 408 West Main Street Abingdon, VA 24210 Tax # Minerals Only	Owner	35.47000000	39.97000000
2	EnerVest Energy Institutional Fund XIV-A, L.P. & EnerVest Energy Institutional Fund XIV-WIC, L.P. Attn: Kevin Miller 408 West Main Street Abingdon, VA 24210 Tax # Minerals Only	Owner	28.71000000	32.35000000
3	Kenneth Lester Sanders 106 Pamala Court Sanford, FL 32771 Tax Card ID - 012233	Unleased	9.29000000	10.47000000
4	KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.2251086	0.2556318
	Rivercrest Royalties II, LLC 306 W 7th Street, Suite 888 Fort Worth, TX 76102	Unleased	0.1563264	0.1775232
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 301 Commerce Street, Suite 2900 Fort Worth, TX 76102	Unleased	0.1535003	0.1743139
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.01888	0.02144
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.0361847	0.0410911
	Tract 4 Totals		0.59000000	0.67000000
5	Sharon R James & Jennifer D Mize PO Box 3727 Wise, VA 24293	Unleased	0.57000000	0.64000000

Exhibit "B"
V-530399
Docket Number: 14-0714-4055-01

Tax Card ID - 012237

6	Alma J Estep PO Box 42 Wise, VA 24293 Tax Card ID - 010227	Unleased	1.78000000	2.00000000
6a	Anthony & Natasha Proulex PO Box 1312 Wise, VA 24293 Tax Card ID - 050093	Unleased	0.67000000	0.76000000
7	Anthony & Natasha Proulex	Unleased	0.69000000	0.78000000

Exhibit "B"
V-530399
Docket Number: 14-0714-4055-01

	PO Box 1312 Wise, VA 24293 Tax Card ID - 050093			
8	William D & Penny J Jackson PO Box 1354 Wise, VA 24293 Tax Card ID - 032636	Unleased	0.01000000	0.01000000
9	William D & Penny J Jackson PO Box 1354 Wise, VA 24293 Tax Card ID - 032636	Unleased	0.01000000	0.01000000
10	Beverly Faye & Kevin Ormes 619 Mullins Street Wise, VA 24293 Tax Card ID - 010290	Unleased	8.35000000	9.41000000
11	Beverly Faye & Kevin Ormes 619 Mullins Street Wise, VA 24293 Tax Card ID - 010290	Unleased	0.06000000	0.07000000
12	Tax Card ID - 037326 Dennis R Sluss 351 Kane Gap Road Duffield, VA 24224	Leased	0.24000000	0.27000000
	Deanna Maloney 6814 Big Ben Way Wise, VA 24293	Leased	0.00000000	0.00000000
13	Regina & Terry Chisenhall PO Box 2462 Wise, VA 24293 Tax Card ID - 037492	Unleased	0.29000000	0.33000000
14	Ben A & Kathy Rena Franklin, Jr 619 Mullins Street Wise, VA 24293 Tax Card ID - 012232	Unleased	13.02000000	14.67000000
15	Ben A & Kathy Rena Franklin, Jr 619 Mullins Street Wise, VA 24293 Tax Card ID - R011347	Unleased	0.25000000	0.28000000
	TOTAL GAS ESTATE		100.00000000	112.69000000
	Percentage of Unit Leased		64.42000000	
	Percentage of Unit Unleased		35.58000000	
	Acreage in Unit Leased			72.59000000
	Acreage in Unit Unleased			40.10000000

Exhibit "B-3" - Unleased Owners

V-530399

Docket Number: 14-0714-4055-01

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
3	Kenneth Lester Sanders 106 Pamala Court Sanford, FL 32771 Tax Card ID - 012233	Unleased	9.29000000	10.47000000
4	KRP Marcellus I, LLC 777 Taylor Street, Suite 810 Fort Worth, TX 76102	Unleased	0.2251086	0.2556318
	Rivercrest Royalties II, LLC 306 W 7th Street, Suite 888 Fort Worth, TX 76102	Unleased	0.1563264	0.1775232
	Diversified Rox Minerals, LLC C/O MSW Royalties, LLC 301 Commerce Street, Suite 2900 Fort Worth, TX 76102	Unleased	0.1535003	0.1743139
	BRD Royalty Holdings, LLC 2777 Stemmons Freeway, Suite 1133 Dallas, TX 75207	Unleased	0.01888	0.02144
	Amon G Carter Foundation PO Box 1036 Fort Worth, TX 76101	Unleased	0.0361847	0.0410911
	Tract 4 Totals		0.59000000	0.67000000
5	Sharon R James & Jennifer D Mize PO Box 3727 Wise, VA 24293 Tax Card ID - 012237	Unleased	0.57000000	0.64000000
6	Alma J Estep PO Box 42 Wise, VA 24293 Tax Card ID - 010227	Unleased	1.78000000	2.00000000
6a	Anthony & Natasha Proulex PO Box 1312 Wise, VA 24293 Tax Card ID - 050093	Unleased	0.67000000	0.76000000

Exhibit "B-3" - Unleased Owners
V-530399
Docket Number: 14-0714-4055-01

7	Anthony & Natasha Proulex PO Box 1312 Wise, VA 24293 Tax Card ID - 050093	Unleased	0.69000000	0.78000000
8	William D & Penny J Jackson PO Box 1354 Wise, VA 24293 Tax Card ID - 032636	Unleased	0.01000000	0.01000000
9	William D & Penny J Jackson PO Box 1354 Wise, VA 24293 Tax Card ID - 032636	Unleased	0.01000000	0.01000000
10	Beverly Faye & Kevin Ormes 619 Mullins Street Wise, VA 24293 Tax Card ID - 010290	Unleased	8.35000000	9.41000000
11	Beverly Faye & Kevin Ormes 619 Mullins Street Wise, VA 24293 Tax Card ID - 010290	Unleased	0.06000000	0.07000000
13	Regina & Terry Chisenhall PO Box 2462 Wise, VA 24293 Tax Card ID - 037492	Unleased	0.29000000	0.33000000
14	Ben A & Kathy Rena Franklin, Jr 619 Mullins Street Wise, VA 24293 Tax Card ID - 012232	Unleased	13.02000000	14.67000000
15	Ben A & Kathy Rena Franklin, Jr 619 Mullins Street Wise, VA 24293 Tax Card ID - R011347	Unleased	0.25000000	0.28000000
TOTAL GAS ESTATE			35.58000000	40.10000000

Exhibit "C"

Company: EnerVest Operating, LLC.

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

AFE # _____

Well Name: V-530399

Location: Wise, VA

Expected Pay Zones: Ravenc Cliff, Big Lime, Weir

Proposed Work: DRILL, COMPLETE AND PLACE INTO PRODUCTION

Property # _____ Version # 1

Field: NORA FIELD Completed By: TEAM

Operator: EnerVest Operating, LLC. Date: 5/17/2018

Estimated Total Depth: 6,124 FT AAPG Class: DEVELOPMENT

Participant(s): EnerVest Operating, LLC. Amount: \$514,200

	Description	Casing Point	Completion	Total Cost
	Roads / Stone / Culverts	\$7,000	\$0	\$7,000
	Location Rds/Stone/Culverts	\$0	\$1,000	\$1,000
	Building Location/Materials	\$17,000	\$5,000	\$22,000
	Reclamation & Damages	\$7,000	\$0	\$7,000
	Surface Damages	\$0	\$0	\$0
	Permit / Title Opinion / Survey / Insurance	\$8,000	\$0	\$8,000
	Drilling - Dayrate	\$6,000	\$0	\$6,000
	Drilling - Footage	\$75,200	\$0	\$75,200
	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	\$12,000	\$12,000
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	\$20,500	\$20,500
S	Rental Tools & Equipment (Drilling)	\$500	\$0	\$500
	Open Hole Logging & Testing	\$10,000	\$15,000	\$25,000
	Stimulation / Fracturing	\$0	\$90,000	\$90,000
	Roostabout 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	\$160,700	\$185,500	\$346,200
		Casing Point	Completion	Total Cost
	1" 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	\$29,100	\$0	\$29,100
T	4 1/2" 9.5 lb/ft M-85 Production Csg Ft	\$0	\$30,200	\$30,200
A	Wellhead Equipment / Fittings	\$3,400	\$4,000	\$7,400
N	2-3/8" 4.7 lb/ft J55 8rd Production Tubing Ft	\$0	\$17,000	\$17,000
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	\$34,700	\$34,700
S	Valves & Fittings	\$0	\$0	\$0
	Separator / Heater / Treater	\$0	\$7,050	\$7,050
	4 1/2" 10.5 lb/ft M-85 Production Csg Ft	\$0	\$0	\$0
	Gas Lift Equipment	\$0	\$0	\$0
	Pumping Unit / Motor	\$0	\$0	\$0
	Sales line labor/mat/row	\$0	\$30,950	\$30,950
	TOTAL TANGIBLES	\$39,600	\$128,400	\$168,000
	GRAND TOTAL WELL COST	\$200,300	\$313,900	\$514,200
	Plugging & Abandonment	\$30,000		
	Production Costs :	\$514,200	Dry Hole Costs :	\$230,300

Exhibit C
2400-R-547
V-530399
VGOB-14-0714-4055-01

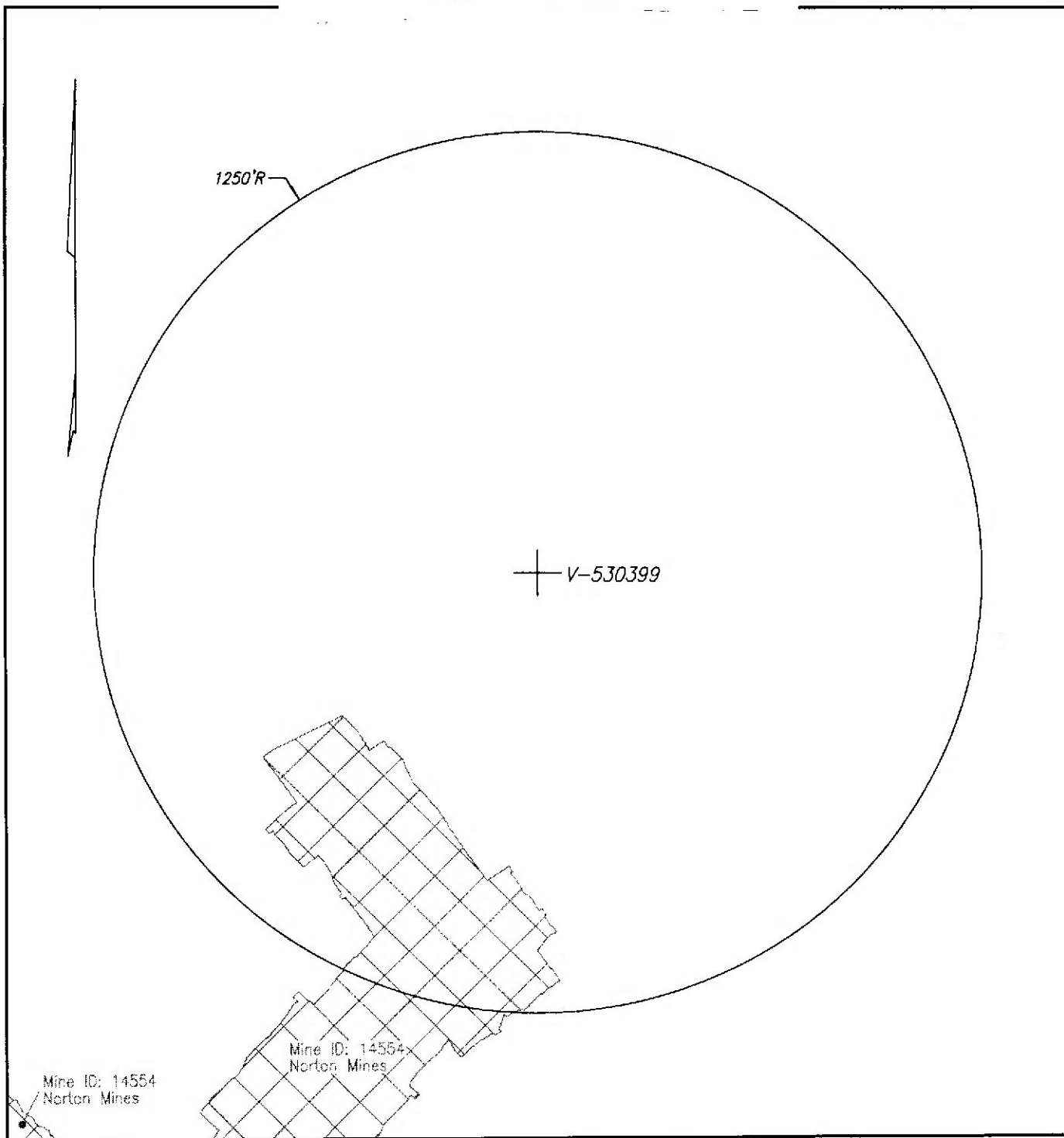
Operations [Signature] Date 4/14/2019

Engineering [Signature] Date 4/14/2019

Geology [Signature] Date 4/16/19

Land [Signature] Date 4/16/19

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.



WELL & MINE LOCATION MAP NORA GRID BW-14

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER V-530399
QUADRANGLE Pound PERMIT NO. _____ SCALE 1" = 400' DATE 3-14-2019

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