

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	EnerVest Operating, LLC	)	
Relief Sought:	Establish Unit & Pooling Well No. V-536897	)	
Legal Description:	W.A. Powers T-887 Tract	)	Docket Number:
	185.04 acres, more or less	)	VGOB-19-0917-4222
	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, 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-536897 Well, for the production of oil and gas from the Unit.

2.5 A well work permit for the V-536897 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 5,831 feet to test for oil and gas from all formations from the base of the Lee, including but not limited to: Ravencliff, Maxon, Big Lime, Weir, Berea, Devonian Shale, and other associated formations know to the Nora Gas Field. Applicant estimates the cost for a well drilled to said depth to be \$553,450.00 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 950 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-536897 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;

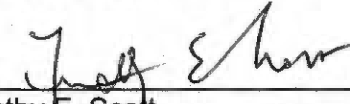
f. Establishing a reasonable fee for the Applicant as operator for operating costs, including a reasonable supervision fee, which shall include routine maintenance of the well and all accounting necessary to pay all expenses, royalties, and amounts due working interest owners, which fee shall be borne 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 16th day of August, 2019.

EnerVest Operating, LLC

By: _____

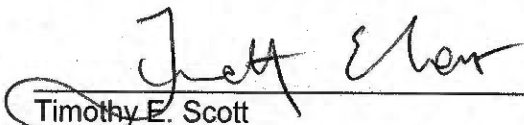

Timothy E. Scott

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
Attorney at Law

[c:\msword2000\enervest\2019\pooling.well no. V-537558.application June 2019]

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	EnerVest Operating, L.L.C.	)	
		)	
Relief Sought:	Establish Unit and Pooling	)	
		)	
Location:	See Exhibit "A"	)	Docket No.
Well Number:	V-536897	)	VGOB-19-0917-4222
		)	
Legal		)	
Description:	W.A. Powers T-887 Tract	)	
	185.04 acres, more or less	)	
	Gladeville District	)	
	Pound Quadrangle	)	
	Wise County, Virginia	)	

NOTICE OF HEARING

HEARING DATE: September 17, 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-536897 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-536897 Unit Well, containing approximately 112.69 acres, located on the above-referenced tracts situated approximately 1,065 feet northwest of the intersection of Virginia State Routes 640 and 641 and approximately 4,700 feet southwest of Duncan Gap 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 September 17, 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 16th day of August, 2019.

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

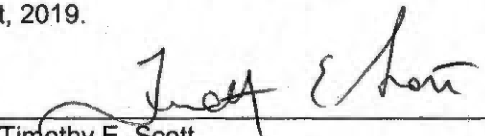


Timothy E. Scott
Counsel for
EnerVest Operating, L.L.C.
135 West Main Street
Suite 200
Kingsport, Tennessee 37660
(423) 247-9376

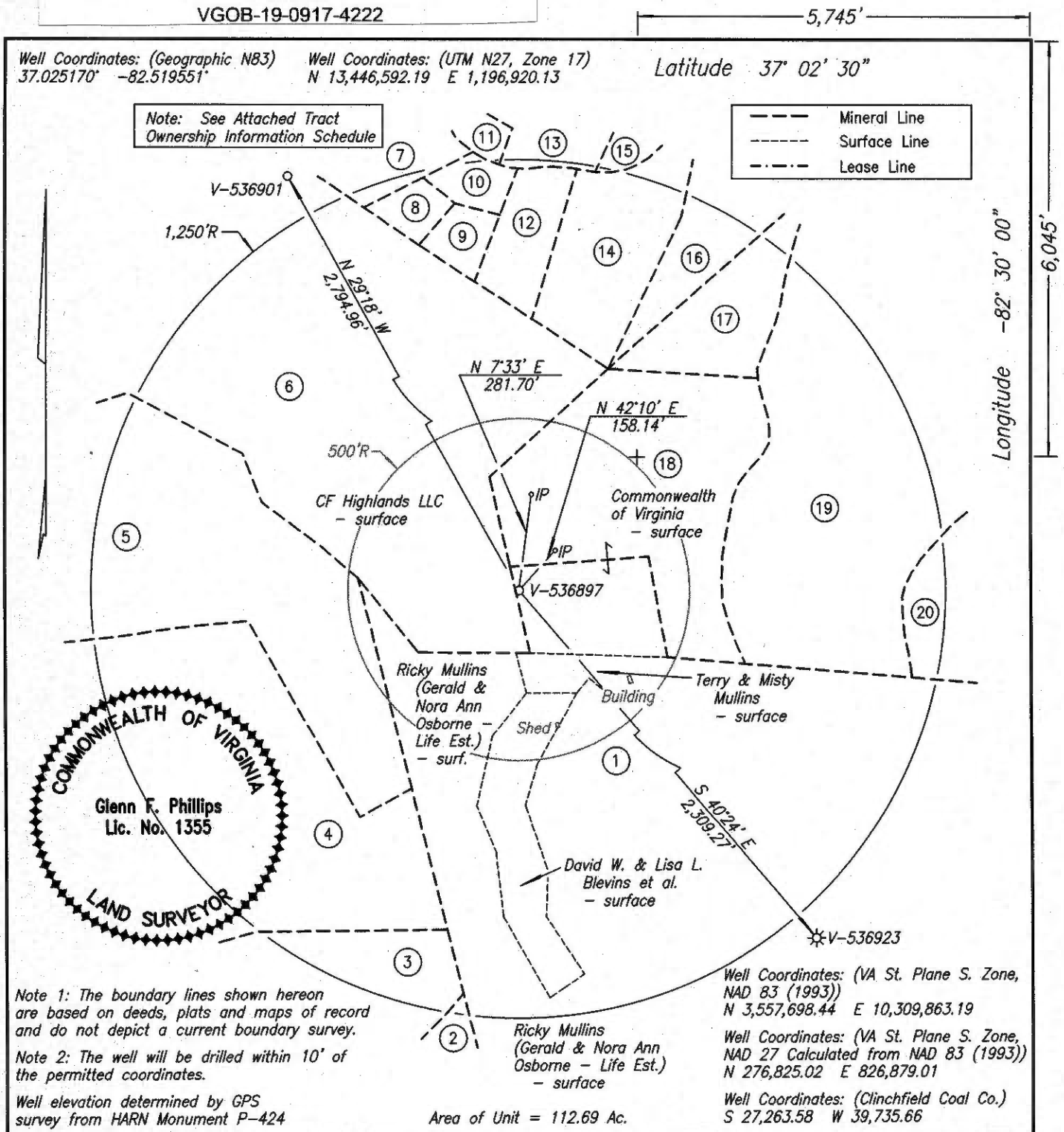
CERTIFICATE OF SERVICE

I, Timothy E. Scott, Counsel for EnerVest Operating, L.L.C., hereby certify that I have on this, the 16th day of August, 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 16th day of August, 2019.



Timothy E. Scott



WELL LOCATION PLAT NORA GRID BR-12

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER V-536897
TRACT NO. T-887 ELEVATION 2,248.01' QUADRANGLE Pound
COUNTY Wise DISTRICT Gladeville SCALE 1" = 400' DATE 8-6-2019
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.

V-536897 PLAT
TRACT OWNERSHIP INFORMATION SCHEDULE
8/6/2019

1. T-887
W. A. Powers
185.04 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 31.74 Ac. 28.17%
2. WI-75
Mary L. Powers
112.808 Acres
Unleased
Daniel Kevin Riner and Kerry Tyler Riner - oil & gas
3.50 Acres
Gas 0.05 Ac. 0.04%
3. WI-75
Mary L. Powers
112.808 Acres
Unleased
Joe E. & Mary Collins - oil & gas
11.06 Acres
Gas 1.98 Ac. 1.76%
4. WI-75
Mary L. Powers
112.808 Acres
Unleased
Joe E. & Mary Collins - oil & gas
16.5 Acres
Gas 12.25 Ac. 10.87%
5. WI-75
Mary L. Powers
112.808 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Unleased
Jimmy & Rosie Vanover - oil & gas
9.0 Acres
Gas 11.15 Ac. 9.89%
6. T-883
D. A. Stallard. Sr.
106 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 21.79 Ac. 19.34%

7. D. A. Stallard
73 Acres
Unleased
Robert J. & Donna Osborne Peters - oil & gas
8.686 Acres
Gas 0.21 Ac. 0.19%
8. D. A. Stallard
73 Acres
Unleased
Aaron Gentry - oil & gas
0.9 Acres
Gas 0.60 Ac. 0.53%
9. D. A. Stallard
73 Acres
Unleased
Jamie Gentry - oil & gas
0.62 Acres
Gas 0.67 Ac. 0.59%
10. D. A. Stallard
73 Acres
Unleased
Eugene Bevins - oil & gas
0.65 Acres
Gas 0.62 Ac. 0.55%
11. D. A. Stallard
73 Acres
Unleased
Eugene Bevins - oil & gas
1.4 Acres
Gas 0.01 Ac. 0.01%
12. D. A. Stallard
73 Acres
Unleased
Dinah Stallard - oil & gas
1.67 Acres
Gas 1.67 Ac. 1.48%
13. D. A. Stallard
73 Acres
Unleased
Jeff Bevins - oil & gas
4.69 Acres
Gas 0.13 Ac. 0.11%
14. D. A. Stallard
73 Acres
Unleased
Palema Porter - oil & gas
3.6 Acres
Gas 3.56 Ac. 3.16%

- 15 . D. A. Stallard
73 Acres
Unleased
Matthew & Vickie Stapleton - oil & gas
14.12 Acres
Gas 0.01 Ac. 0.01%
- 16 . D. A. Stallard
73 Acres
Unleased
Thomas Dotson (Leona Forrest tr.) - oil & gas
11 Acres
Gas 1.50 Ac. 1.33%
- 17 . WI-40
John W. Bise
105.792 Acres
Unleased
Thomas Dotson (Leona Forrest tr.) - oil & gas
2 Acres
Gas 2.52 Ac. 2.24%
- 18 . WI-40
John W. Bise
105.792 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Unleased
Commonwealth of Virginia - oil & gas
15 Acres
Gas 9.50 Ac. 8.43%
- 19 . WI-40
John W. Bise
105.792 Acres
Unleased
Jerry C. Miniard et al. - oil & gas
20 Acres
Gas 11.82 Ac. 10.49%
- 20 . WI-40
John W. Bise
105.792 Acres
Unleased
Daniel Kevin Riner and Kerry Tyler Riner - oil & gas
63.24 Acres
Gas 0.91 Ac. 0.81%

Exhibit "B"
V-536897
Docket Number: 19-0917-4222

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	28.17000000	31.74000000
2	Daniel Kevin & Kerry Tyler Riner 309 Oakwood Ave SE Wise, VA 24293 Tax # R011376	Unleased	0.04000000	0.05000000
3	Joe E. & Mary Collins 2416 Darts Cove Way Mount Pleasant, SC 29466 Tax # Minerals Only	Unleased	1.76000000	1.98000000
4	Joe E. & Mary Collins 2416 Darts Cove Way Mount Pleasant, SC 29466 Tax # R009882	Unleased	10.87000000	12.25000000
5	Jimmy & Rosie Vanover 8262 Boggs Hill Rd Wise, VA 24293 Tax # R009230	Unleased	9.89000000	11.15000000
6	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	19.34000000	21.79000000
7	Dorina O. Whitaker	Unleased	0.19000000	0.21000000

10540 Camby Rd
Wise, VA 24293
Tax # R037858

8	Aaron Gentry 10714 Richey Rd Wise, VA 24293 Tax # R041916	Unleased	0.53000000	0.60000000
9	Jamie Gentry 8299 Duncan Gap Rd Wise, VA 24293 Tax # R040899	Unleased	0.59000000	0.67000000
10	Eugene Bevins 7940 Round Top Rd Wise, VA 24293 Tax # R009217	Unleased	0.55000000	0.62000000
11	Eugene Bevins 7940 Round Top Rd Wise, VA 24293 Tax # R043157	Unleased	0.01000000	0.01000000
12	Dinah Stallard 10712 Richey Rd Wise, VA 24293 Tax # R040768	Unleased	1.48000000	1.67000000
13	Jeff Bevins 10637 Richey Rd Wise, VA 24293 Tax # R009228	Unleased	0.11000000	0.13000000
14	Palema Porter 704 Hurricane Rd Wise, VA 24293 Tax # R040852	Unleased	3.16000000	3.56000000
15	Vickie Robinson 7805 Thrasher Rd Wise, VA 24293 Tax # Minerals Only	Unleased	0.01000000	0.01000000
16	Thomas Dotson Living Trust 305 Hill Rd Southern Pines, NC 28387 Tax # Minerals Only	Unleased	1.33000000	1.50000000
17	Thomas Dotson Living Trust 305 Hill Rd Southern Pines, NC 28387 Tax # Minerals Only	Unleased	2.24000000	2.52000000
18	Commonwealth of VA, Div of General Services	Unleased	8.43000000	9.50000000

Real Estate Division
1100 Bank St, Suite 420
Richmond, VA 23219
Tax # R012602

19	Jerry C. Miniard P.O. Box 3804 Wise, VA 24293 Tax # R011529	Unleased	10.49000000	11.82000000
20	Daniel Kevin & Kerry Tyler Riner 309 Oakwood Ave SE Wise, VA 24293 Tax # R011369	Unleased	0.81000000	0.91000000
TOTAL GAS ESTATE			100.00000000	112.69000000
Percentage of Unit Leased			47.51000000	
Percentage of Unit Unleased			52.49000000	
Acreage in Unit Leased				53.53000000
Acreage in Unit Unleased				59.16000000

Exhibit "B-3" - Unleased Owners**V-536897****Docket Number: 19-0917-4222**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
2	Daniel Kevin & Kerry Tyler Riner 309 Oakwood Ave SE Wise, VA 24293 Tax # R011376	Unleased	0.04000000	0.05000000
3	Joe E. & Mary Collins 2416 Darts Cove Way Mount Pleasant, SC 29466 Tax # Minerals Only	Unleased	1.76000000	1.98000000
4	Joe E. & Mary Collins 2416 Darts Cove Way Mount Pleasant, SC 29466 Tax # R009882	Unleased	10.87000000	12.25000000
5	Jimmy & Rosie Vanover 8262 Boggs Hill Rd Wise, VA 24293 Tax # R009230	Unleased	9.89000000	11.15000000
7	Donna O. Whitaker 10540 Camby Rd Wise, VA 24293 Tax # R037858	Unleased	0.19000000	0.21000000
8	Aaron Gentry 10714 Richey Rd Wise, VA 24293 Tax # R041916	Unleased	0.53000000	0.60000000
9	Jamie Gentry 8299 Duncan Gap Rd Wise, VA 24293 Tax # R040899	Unleased	0.59000000	0.67000000
10	Eugene Bevins 7940 Round Top Rd Wise, VA 24293 Tax # R009217	Unleased	0.55000000	0.62000000

11	Eugene Bevins 7940 Round Top Rd Wise, VA 24293 Tax # R043157	Unleased	0.01000000	0.01000000
12	Dinah Stallard 10712 Richey Rd Wise, VA 24293 Tax # R040768	Unleased	1.48000000	1.67000000
13	Jeff Bevins 10637 Richey Rd Wise, VA 24293 Tax # R009228	Unleased	0.11000000	0.13000000
14	Palema Porter 704 Hurricane Rd Wise, VA 24293 Tax # R040852	Unleased	3.16000000	3.56000000
15	Vickie Robinson 7805 Thrasher Rd Wise, VA 24293 Tax # Minerals Only	Unleased	0.01000000	0.01000000
16	Thomas Dotson Living Trust 305 Hill Rd Southern Pines, NC 28387 Tax # Minerals Only	Unleased	1.33000000	1.50000000
17	Thomas Dotson Living Trust 305 Hill Rd Southern Pines, NC 28387 Tax # Minerals Only	Unleased	2.24000000	2.52000000
18	Commonwealth of VA, Div of General Se Real Estate Division 1100 Bank St, Suite 420 Richmond, VA 23219 Tax # R012602	Unleased	8.43000000	9.50000000
19	Jerry C. Miniard P.O. Box 3804 Wise, VA 24293 Tax # R011529	Unleased	10.49000000	11.82000000
20	Daniel Kevin & Kerry Tyler Riner 309 Oakwood Ave SE Wise, VA 24293 Tax # R011369	Unleased	0.81000000	0.91000000

TOTAL GAS ESTATE

52.49000000

59.16000000

Company: EnerVest Operating, LLC

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

AFE #

Well Name: V-536897

Location: Wise, VA

Expected Pay Zones: Ravencraft, 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: 3/16/2019

Estimated Total Depth: 5,831 FT

AAPG Class: DEVELOPMENT

Participant(s): EnerVest Operating, LLC

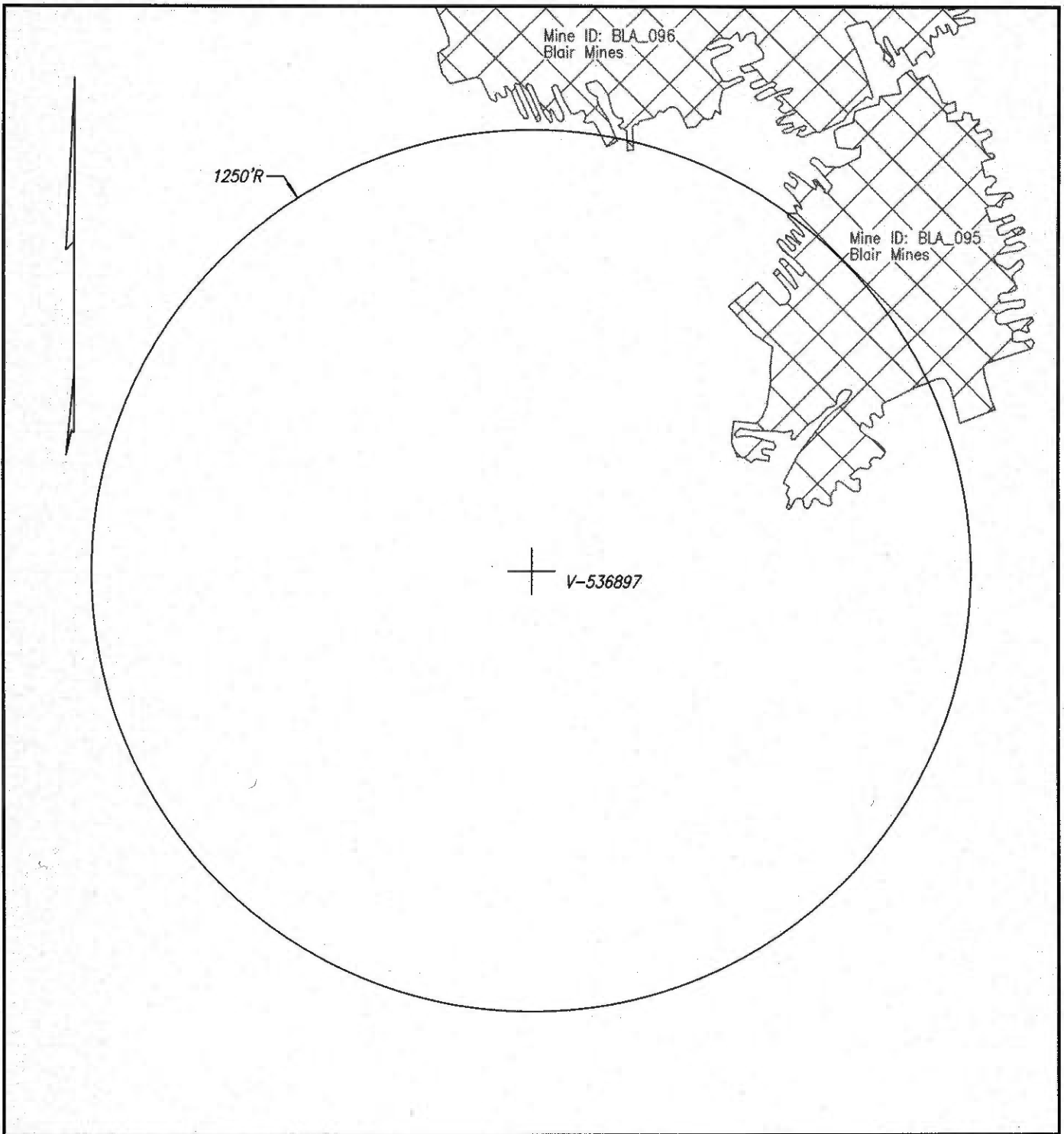
Amount: \$553,450

	Description	Casing Point	Completion	Total Cost	
	Roads / Stone / Culverts	\$14,000	\$0	\$14,000	
	Location Rds/Stone/Culverts	\$0	\$1,000	\$1,000	
	Building Location/Materials	\$83,000	\$5,000	\$98,000	
	Reclamation & Damages	\$15,000	\$0	\$15,000	
	Surface Damages	\$12,000	\$0	\$12,000	
	Permit / Title Opinion / Survey / Insurance	\$7,000	\$0	\$7,000	
	Drilling - Dayrate	\$6,000	\$0	\$6,000	
	Drilling - Footage	\$72,200	\$0	\$72,200	
	Completion Rig	\$0	\$11,000	\$11,000	
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	\$11,000	\$12,000	\$23,000	
	Stimulation / Fracturing	\$0	\$85,000	\$85,000	
	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	\$200,700	\$176,500	\$377,200	
		Casing Point	Completion	Total Cost	
	* Conductor	FT	\$1,100	\$0	\$1,100
	* 26 lb/ft LS Surface Csg	FT	\$5,600	\$0	\$5,600
	* 19 lb/ft LS Intermediate Csg	FT	\$28,100	\$0	\$28,100
Y	4 1/2" 9.5 lb/ft M-65 Production Csg	FT	\$0	\$27,800	\$27,800
A	Wellhead Equipment / Fittings		\$3,400	\$12,300	\$15,700
N	2-3/8" 4.7 lb/ft J55 Prod Production Tubing	FT	\$0	\$13,600	\$13,600
G	Rods / Stuffing Box		\$0	\$0	\$0
I	Downhole Pump		\$0	\$1,000	\$1,000
B	Electric Service & Equipment		\$0	\$0	\$0
L	Tank Battery		\$0	\$2,700	\$2,700
E	Flow Line labor/material		\$0	\$47,800	\$47,800
S	Valves & Fittings		\$0	\$0	\$0
	Separator / Heater / Treater		\$0	\$7,100	\$7,100
	4 1/2" 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/matrow		\$0	\$25,950	\$25,950
	TOTAL TANGIBLES	\$38,200	\$138,050	\$176,250	
	GRAND TOTAL WELL COST	\$238,900	\$314,550	\$553,450	
	Plugging & Abandonment	\$30,000			
	Production Costs	\$553,450	Dry Hole Costs	\$268,900	

Operations	<i>Chris Randolph</i>	Date	<i>3/9/19</i>
Engineering	<i>John</i>	Date	<i>3/9/2019</i>
Geology	<i>John</i>	Date	<i>3/9/2019</i>
Land	<i>John</i>	Date	<i>3/9/2019</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.

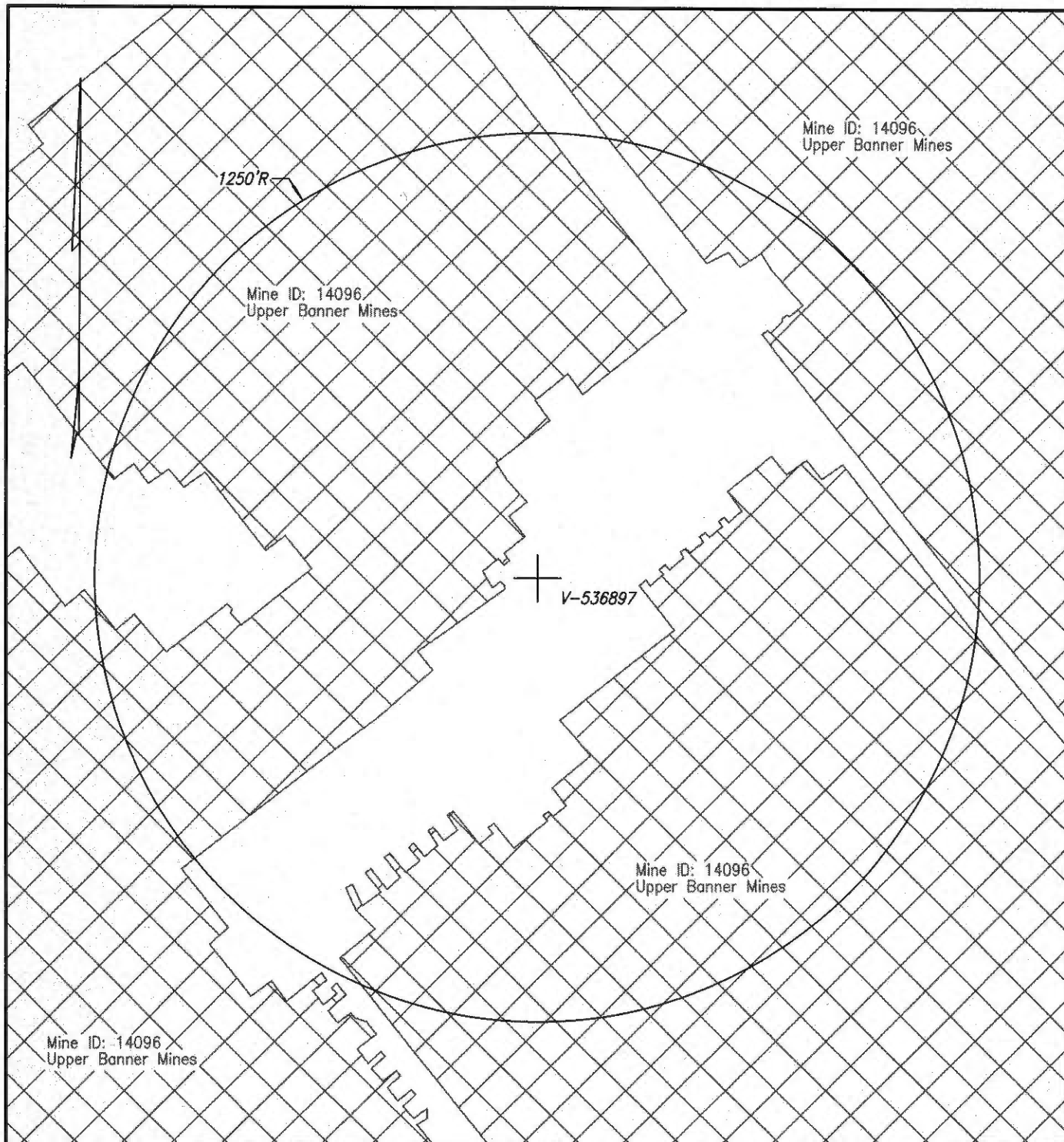
Exhibit C
2400-R-558
V-536897
VGOB-19-0917-4222



WELL & MINE LOCATION MAP NORA GRID BR-12

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER V-536897
QUADRANGLE Pound PERMIT NO. _____ SCALE 1" = 400' DATE 7-30-2019

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



WELL & MINE LOCATION MAP NORA GRID BR-12

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