

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	EnerVest Operating, L.L.C.)	
)	
)	
Relief Sought:	Pooling VCI-538278 Nora Grid AX-79)	
	Nora Coalbed Gas Field)	
Legal)	
Description:)	
	J.M. Stallard Tract T-612)	Docket Number:
	330.00 acres, more or less)	VGOB-19-0319-4202
	Hurricane District)	
	Duty Quadrangle)	
	Buchanan 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, gas and coalbed methane 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 coalbed methane from all formations, from the surface to the total depth drilled within the Nora Coalbed Gas Field and underlying the lands described on Exhibit A attached hereto and made a part hereof and to appropriate the oil, gas and coalbed methane 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 VCI-538278 Nora Grid AX-79 under such plan in the lands involved herein so as to produce oil, gas and coalbed methane from the proposed unit.

(b) A Well work permit for well number VCI-538278 Nora Grid AX-79 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, gas and coalbed methane 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 VCI-538278 Nora Grid AX-79 should be pooled for the development and operation thereof.
- (d) Applicant proposes to drill at the permitted location to an approximate depth of 2,265 feet on the Subject Lands to test for oil, gas and coalbed methane in the Subject Formations, including all Pennsylvanian age coals from the top of the Ailly, including but not limited to Raven, Jawbone Rider, Jawbone, Tiller, Upper Seaboard, Greasy Creek, Upper Horsepen, Middle Horsepen, War Creek, Beckley, Lower Horsepen, Pocahontas #9, Pocahontas #3, Pocahontas #2, and Pocahontas #1 and any unnamed coal seams and other associated formations known as the Nora Coalbed Gas Field. Applicant estimates the cost for a well to said depth to be \$382,350.00 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 875 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, gas and coalbed methane interests in the Formations underlying the tracts encompassed by the drilling unit supporting well number VCI-538278 Nora Grid AX-79, and (I) authorizing the drilling and operation of a well for the production of oil, gas and coalbed methane 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, gas and coalbed methane 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.

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	EnerVest Operating, L.L.C.)	
)	
Relief Sought:	Pooling)	
)	
Location:	See Exhibit "A")	Docket No.
Well Number:	VCI-538278 Nora Grid AX-79)	VGOB-19-0319-4202
	Nora Coalbed Gas Field)	
)	
Legal)	
Description:	J.M. Stallard Tract T-612)	
	330.00 acres, more or less)	
	Hurricane District)	
	Duty Quadrangle)	
	Buchanan County, Virginia)	

NOTICE OF HEARING

HEARING DATE: March 19, 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, gas and coalbed methane in and underlying the unit surrounding VCI-538278 Nora Grid AX-79 described on Exhibit "A" to the Application, which is attached to this Notice, in Buchanan 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 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 and coalbed methane from drilling unit VCI-538278 Nora Grid AX-79 containing approximately 58.77 acres, located on the above-referenced tracts situated approximately 2,500 feet northeast of the intersection of Virginia State Routes 80 and 712 and approximately 6,400 feet southeast of Bee in the Hurricane District, Duty Quadrangle of Buchanan 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 March 19, 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 15th of February, 2019.

EnerVest Operating, L.L.C.
408 West Main Street
Abingdon, Virginia 24212



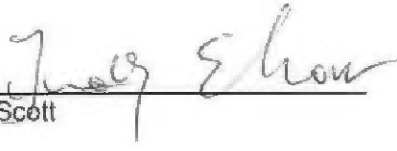
Timothy E. Scott

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

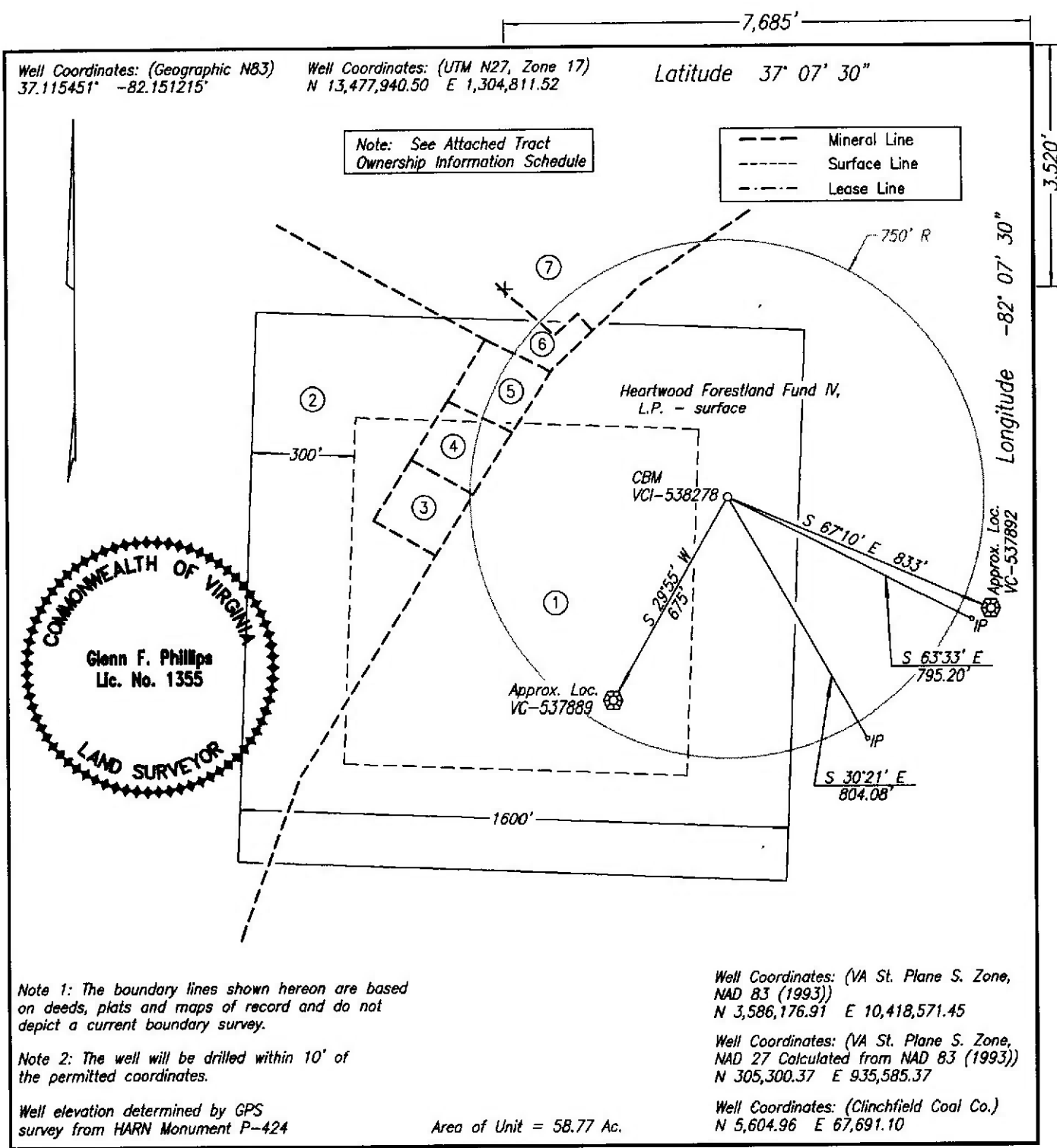
CERTIFICATE OF SERVICE

I, Timothy E. Scott, counsel for EnerVest Operating, L.L.C., hereby certify that I have on this, the 15th day of February, 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 15th day of February, 2019.



Timothy E. Scott



WELL LOCATION PLAT NORA GRID AX-79

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER VCI-538278
 TRACT NO. T-612 ELEVATION 1,897.62' QUADRANGLE Duty
 COUNTY Buchanan DISTRICT Hurricane SCALE 1" = 400' DATE 8-30-2018
 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.

Glenn F Phillips

Digitally signed by Glenn F Phillips
 DN: cn=US, o=IdentTrust ACES Business
 Representative, ou=GLENN F PHILLIPS
 COMPANY P.C., c=Glenn F Phillips
 03/23/11, 15203605.100.1.1=60103800
 0000124666F9175000002D
 Date: 2018.09.05 10:09:30 -0400'

VCI-538278 PLAT
TRACT OWNERSHIP INFORMATION SCHEDULE
8/30/2018

1. T-612
J. M. Stallard
330.00 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 & CBM
Gas 40.61 Ac. 69.10%

2. TC-223
John H. Duty
163.00 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Lease No. 907054
Oliver Gibson (1/2 int.) - oil, gas & CBM
Donald Gibson (1/2 int.) - oil, gas & CBM
Gas 14.39 Ac. 24.49%

3. TC-223
John H. Duty
163.00 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Lease No. 907114
Jerry & Ellen Yates - oil, gas & CBM
1.00 Acre
Gas 1.00 Ac. 1.70%

4. TC-223
John H. Duty
163.00 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Lease No. 907115
Garmon Rasnake - oil, gas & CBM
1.00 Acre
Gas 1.00 Ac. 1.70%

5 . TC-223
John H. Duty
163.00 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Leased
Carmel Rasnake - oil, gas & CBM
1.00 Acre
Gas 1.00 Ac. 1.70%

6 . TC-223
John H. Duty
163.00 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Lease No. 902913
Albert T. Rasnake, Jr., et al. - oil, gas & CBM
79,602 Acres
Gas 0.72 Ac. 1.23%

7 . TC-223
John H. Duty
163.00 Acres
ACIN LLC - coal
Paramont Contura, LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Contura, LLC - coal lessee
Lease No. 907519
Albert T. Rasnake, Jr. - oil, gas & CBM
8.059 Acres
Gas 0.05 Ac. 0.08%

Exhibit "B"
VCI-538278
Docket Number: 19-0319-4202

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Coal 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 <i>Tax ID - Minerals Only</i>	Owner	69.10000000	40.61000000
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 <i>Tax ID - Minerals Only</i>	Owner	24.49000000	14.39000000
3	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 <i>Tax ID - Minerals Only</i>	Owner	1.70000000	1.00000000
4	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 <i>Tax ID - Minerals Only</i>	Owner	1.70000000	1.00000000
5	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 <i>Tax ID - Minerals Only</i>	Owner	1.70000000	1.00000000
6	EnerVest Energy Institutional Fund XIV-A, L.P.	Owner	1.23000000	0.72000000

& EnerVest Energy Institutional Fund XIV-WIC, L.P.
 Attn: Kevin Miller
 408 West Main Street
 Abingdon, VA 24210
Tax ID - Minerals Only

7	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 <i>Tax ID - Minerals Only</i>	Owner	0.08000000	0.05000000
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TOTAL GAS ESTATE	100.00000000	58.77000000
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Percentage of Unit Leased	100.00000000
Percentage of Unit Unleased	0.00000000
Acreage in Unit Leased	58.77000000
Acreage in Unit Unleased	0.00000000

Exhibit "B"
VCI-538278
Docket Number: 19-0319-4202

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 <i>Tax ID - Minerals Only</i>	Owner	69.10000000	40.61000000
2	<i>Tax ID - 6233-2</i> Glynis C. Gibson 2455 Helen Henderson Hwy Davenport, VA 24239	Leased	12.24500000	7.19500000
	Oliver B. & Peggy L. Gibson 422 Cosby Road Winder, GA 30680	Leased	12.24500000	7.19500000
	<i>Tract 2 Totals</i>		<i>24.49000000</i>	<i>14.39000000</i>
3	Ellen Yates 1375 Hollow Poplar Road Davenport, VA 24239 <i>Tax ID - 18238-1</i>	Leased	1.70000000	1.00000000
4	<i>Tax ID - 13358-1</i> Valerie Yates 391 Centennial Heights Road Haysi, VA 24256	Leased	0.34000000	0.20000000
	Rickey Lee Rasnake 251 Gray Drive, Apt B Abingdon, VA 24210	Leased	0.34000000	0.20000000
	Randall Keith Rasnake 471 Woodway Drive Blountville, TN 37617	Leased	0.34000000	0.20000000

	Audrey R Tiller 119 Old Dominion Drive Rosedale, VA 24280	Leased	0.34000000	0.20000000
	Alesia Rasnake 1437 Hollow Poplar Road Davenport, VA 24239	Leased	0.34000000	0.20000000
	Tract 4 Totals		1.70000000	1.00000000
5	Carmel & Tonya Rasnake 860 Barren Valley Road Chuckey, TN 37641 <i>Tax ID - Minerals Only</i>	Leased	1.70000000	1.00000000
6	<i>Tax ID - 13408-1</i> Albert Tivis Rasnake Jr 1561 Hollow Poplar Road Davenport, VA 24239	Leased	0.23428571	0.13714286
	Curtis Rasnake 960 Cumberland Drive Greenville, TN 37745	Unleased	0.23428571	0.13714286
	James E Rasnake 909 Brushy Valley Road Heiskell, TN 37754	Unleased	0.17571429	0.10285714
	Kathy Williams 984 Lee Powell Lane Ten Mile, TN 37880	Leased	0.17571429	0.10285714
	Nancy Rasnake PO Box 384 Clinton, TN 37716	Unleased	0.17571429	0.10285714
	Roger Von Deel 20476 Blue Spruce Road Bristol, VA 24202	Leased	0.23428571	0.13714286
	Tract 6 Totals		1.23000000	0.72000000
7	Albert Tivis Rasnake Jr 1561 Hollow Poplar Road Davenport, VA 24239 <i>Tax ID - 19121-1</i>	Leased	0.08000000	0.05000000

TOTAL GAS ESTATE

100.0000000 58.7700000

Percentage of Unit Leased

99.41428571

Percentage of Unit Unleased

0.58571429

Acreage in Unit Leased

58.42714286

Acreage in Unit Unleased

0.34285714

Exhibit "B-3"
VCI-538278
Docket Number: 19-0319-4202

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
6	<i>Tax ID - 13408-1</i> Curtis Rasnake 960 Cumberland Drive Greenville, TN 37745	Unleased	0.23428571	0.13714286
	James E Rasnake 909 Brushy Valley Road Heiskell, TN 37754	Unleased	.0.17571429	0.10285714
	Nancy Rasnake PO Box 384 Clinton, TN 37716	Unleased	0.17571429	0.10285714
TOTAL GAS ESTATE			0.58571429	0.34285714

Company: EnerVest Operating, LLC.

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

AFE #	
Well Name: VCI-538278	
Location: Buchanan, VA	
Expected Pay Zones: PENNSLVANIA COALS	
Proposed Work: DRILL, COMPLETE AND PLACE INTO PRODUCTION	
Property #	Version # 1
Field: NORA FIELD	Completed By: TEAM
Operator: EnerVest Operating, LLC.	Date: 10/15/2018
Estimated Total Depth: 2,265 FT	AAPG Class: DEVELOPMENT
Participant(s): EnerVest Operating, LLC.	Amount: \$382,350

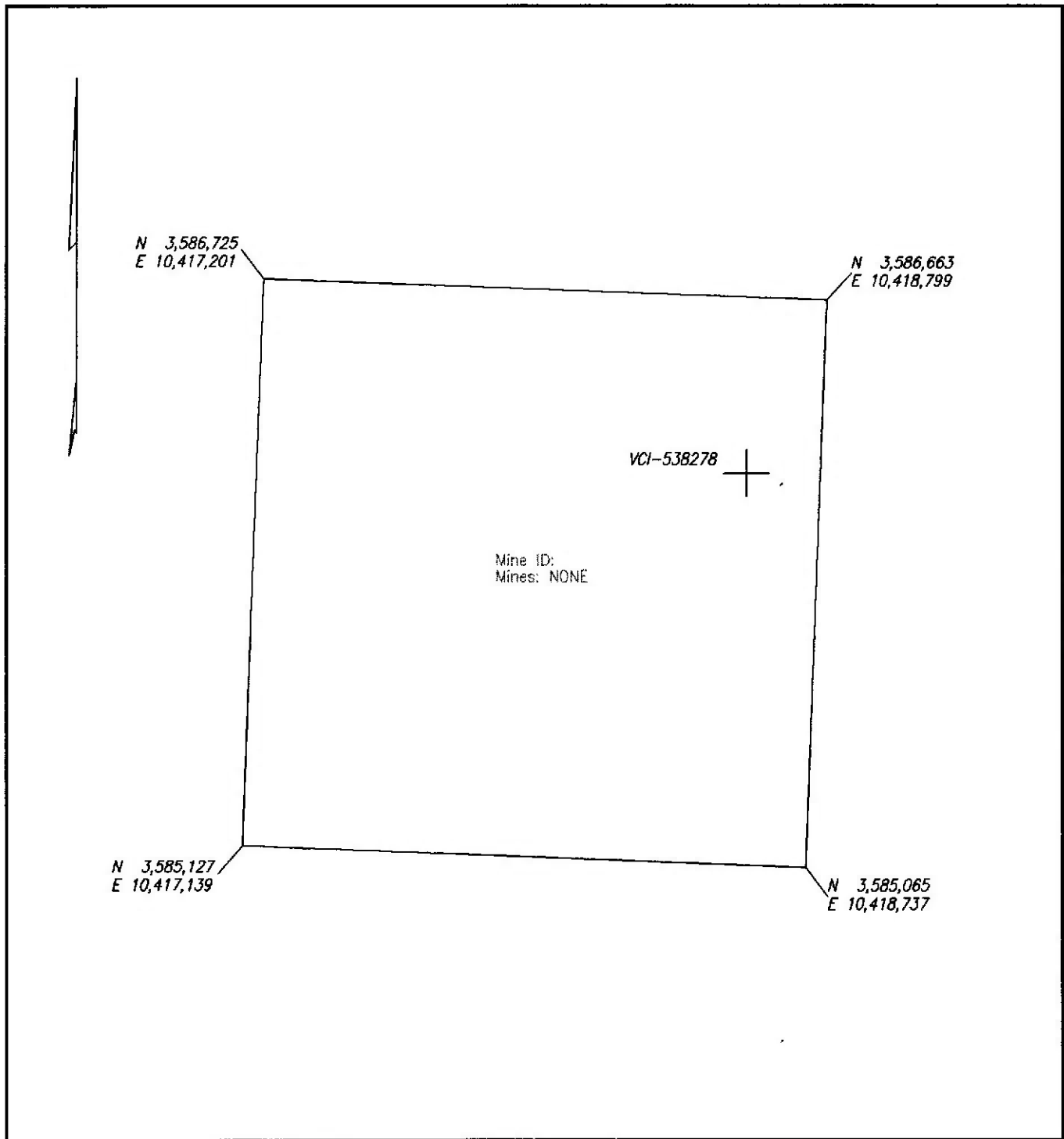
Description	Casing Point	Completion	Total Cost
Roads / Stone / Culverts	\$14,000	\$0	\$14,000
Location Rds/Stone/Culverts	\$0	\$1,000	\$1,000
Building Location/Materials	\$13,000	\$2,000	\$15,000
Reclamation & Damages	\$12,000	\$0	\$12,000
Surface Damages	\$1,500	\$0	\$1,500
Permit / Title Opinion / Survey / Insurance	\$6,000	\$0	\$6,000
Drilling - Dayrate	\$0	\$0	\$0
Drilling - Footage	\$39,600	\$0	\$39,600
Completion Rig	\$0	\$7,000	\$7,000
I Drilling - Bits	\$0	\$1,500	\$1,500
N Mud & Chemicals (Drilling)	\$0	\$700	\$700
T Fresh Water Hauling (Completion)	\$0	\$3,600	\$3,600
A Cement Production Casing	\$0	\$12,000	\$12,000
N Trucking / Dozer (Completion)	\$0	\$5,500	\$5,500
G Cement Services	\$6,200	\$0	\$6,200
I Trucking / Dozer (Drilling)	\$1,900	\$0	\$1,900
B Rental Tools & Equipment (Completion)	\$0	\$3,800	\$3,800
L Fresh Water Hauling (Drilling)	\$1,700	\$0	\$1,700
E Cased Hole Logging / Perforating	\$0	\$17,500	\$17,500
S Rental Tools & Equipment (Drilling)	\$0	\$0	\$0
Open Hole Logging & Testing	\$2,600	\$5,000	\$7,600
Stimulation / Fracturing	\$0	\$95,000	\$95,000
Roustabout Labor	\$1,700	\$2,900	\$4,600
Overhead Rate	\$6,000	\$1,000	\$7,000
Misc. & Contingencies (Insurance)	\$300	\$0	\$300
Haul Pit Water / Disposal	\$0	\$2,900	\$2,900
Drilling - Mobilization	\$0	\$0	\$0
Fuel	\$1,000	\$0	\$1,000
Technical Supervision (Drilling)	\$0	\$0	\$0
Technical Supervision (Completion)	\$0	\$0	\$0
Environmental & Safety	\$600	\$500	\$1,100
TOTAL INTANGIBLES	\$108,100	\$161,900	\$270,000

Description	Casing Point	Completion	Total Cost
" Conductor Ft	\$1,100	\$0	\$1,100
" 26 lb/ft LS Surface Csg Ft	\$3,900	\$0	\$3,900
" 19 lb/ft LS Intermediate Csg Ft	\$0	\$0	\$0
T 4½" 9.5 lb/ft M-65 Production Csg Ft	\$0	\$13,200	\$13,200
A Wellhead Equipment / Fittings	\$1,600	\$10,000	\$11,600
N 2-3/8" 4.7 lb/ft J55 8rd Production Tubing Ft	\$0	\$8,100	\$8,100
G Rods / Stuffing Box	\$0	\$3,400	\$3,400
I Downhole Pump	\$0	\$1,700	\$1,700
B Electric Service & Equipment	\$0	\$21,500	\$21,500
L Tank Battery	\$0	\$10,850	\$10,850
E Flow Line labor/material	\$0	\$15,100	\$15,100
S Valves & Fittings	\$0	\$0	\$0
Separator / Heater / Treater	\$0	\$5,800	\$5,800
4½" 10.5 lb/ft M-65 Production Csg Ft	\$0	\$0	\$0
Gas Lift Equipment	\$0	\$0	\$0
Pumping Unit / Motor	\$0	\$8,050	\$8,050
Sales line labor/mat/row	\$0	\$8,050	\$8,050
Professional Services	\$0	\$0	\$0
TOTAL TANGIBLES	\$6,600	\$105,750	\$112,350

GRAND TOTAL WELL COST	\$114,700	\$267,650	\$382,350
Plugging & Abandonment	\$30,000		
Production Costs :	\$382,350	Dry Hole Costs :	\$144,700

Operations	<i>C.M. Randolph</i>	Date	<i>2/4/19</i>
Engineering	<i>Tom Faudon</i>	Date	<i>2/4/2019</i>
Geology	<i>Luigi</i>	Date	<i>2/4/2019</i>
Land	<i>Charles Alesh</i>	Date	<i>2/4/19</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.



WELL & MINE LOCATION MAP NORA GRID AX-79

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER VCI-538278
 QUADRANGLE Duty PERMIT NO. _____ SCALE 1" = 400' DATE 8-28-2018

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