

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant: EnerVest Operating, L.L.C.)
)
)
Relief Sought: Pooling VCI-538428 Nora Grid 89-BN)
Nora Coalbed Gas Field)
Legal)
Description:)
Jacob Cook T-503 Tract) Docket Number:
202.23 acres, more or less) VGOB-17-0516-4122
New Garden District)
Big A Mountain Quadrangle)
Russell 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 406 West Main Street, P. O. Box 2136 Abingdon, Virginia 24212 Telephone: (276) 628-9001. The attorney for Applicant is Timothy E. Scott, MCKINNIS & 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-538428 Nora Grid 89-BN 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-538428 Nora Grid 89-BN 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-538428 Nora 89-BN should be pooled for the development and operation thereof.
- (d) Applicant proposes to drill at the permitted location to an approximate depth of 3,202 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 Aily, 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 \$503,900.00 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 915 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-538428 Nora Grid BN-89, 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.

Dated this 14th day of April, 2017.


ENERVEST OPERATING, L.L.C



Timothy E. Scott
MCKINNIS & 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
MCKINNIS & SCOTT

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-538428 Nora Grid 89-BN) VGOB-17-0516-4122
Nora Coalbed Gas Field)
)
)
Legal Description: Jacob Cook T-503 Tract)
)
)
202.23 acres, more or less)
)
)
New Garden District)
)
)
Big A Mountain Quadrangle)
)
)
Russell County, Virginia)

NOTICE OF HEARING

HEARING DATE: May 16, 2017
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-538428 Nora Grid 89-BN described on Exhibit "A" to the Application, which is attached to this Notice, in Russell 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-538428 Nora Grid 89-BN, containing approximately 58.77 acres, located on the above-referenced tracts situated approximately 4,050 feet northeast of the intersection of Virginia State Routes 621 and 738 and approximately 3,500 feet northeast of Crabtree School in the New Garden District, Big A Mountain Quadrangle of Russell 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

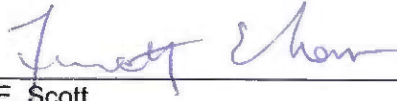
h. Granting such other relief as is merited by the evidence and is just and equitable, whether or not such relief has been specifically requested herein.

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 16, 2017** 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 14th day of April, 2017.

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




Timothy E. Scott

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

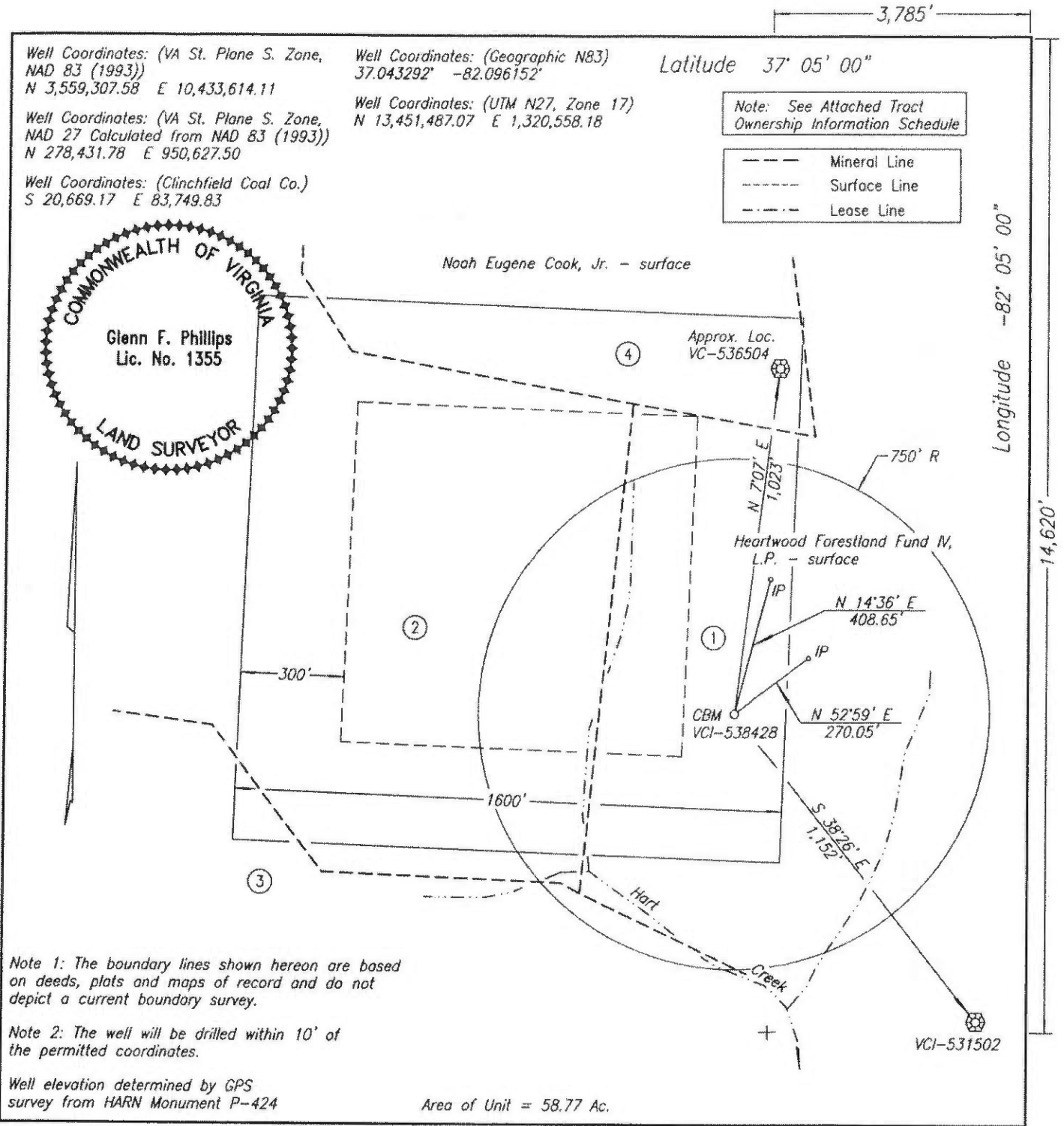
CERTIFICATE OF SERVICE

I, Timothy E. Scott, of Counsel for EnerVest Operating, L.L.C., hereby certify that I have on this, the 14th day of April, 2017, caused the foregoing notice and application to be served upon parties listed herein, at their address, by certified mail, return receipt requested.

Dated this 14th day of April, 2017.



Timothy E. Scott
MCKINNIS & SCOTT



WELL LOCATION PLAT NORA GRID BN-89

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER VCI-538428
 TRACT NO. I-503 ELEVATION 2,417.41' QUADRANGLE Big A Mountain
 COUNTY Russell DISTRICT New Garden SCALE 1" = 400' DATE 12-2-2016

This Plat is a new plat ; an updated plat x; 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

~~Licensed Professional Engineer or Licensed Land Surveyor~~

EXHIBIT A

VCI-538428 PLAT
TRACT OWNERSHIP INFORMATION SCHEDULE
12/2/2016

- 1 . T-503
Jacob Cook
202.23 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 15.82 Ac. 26.92%

- 2 . T-504
Jasper Cook
318.26 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 34.76 Ac. 59.14%

- 3 . T2-184
G. W. Cook
39.3 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. - (CBM)
Lease No. 967086 (Partially Leased)
G. W. Cook Estate - oil & gas (CBM)
20.37 Acres
Gas 0.54 Ac. 0.92%

- 4 . T-506
Peter Goldback
56.98 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 & CBM
Gas 7.65 Ac. 13.02%

Exhibit "B"
VCI-538428

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: Jim McKinney 408 West Main Street Abingdon, VA 24210 Tax # Minerals Only	Owner	26.92000000	15.82000000
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 # Minerals Only	Owner	59.14000000	34.76000000
3	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 # Minerals Only	Owner	0.92000000	0.54000000
4	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 # Minerals Only	Owner	13.02000000	7.65000000
TOTAL GAS ESTATE			100.00000000	58.77000000
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-538428

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: Jim McKinney 408 West Main Street Abingdon, VA 24210 Tax # Minerals Only	Owner	26.92000000	15.82000000
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 # Minerals Only	Owner	59.14000000	34.76000000
3	<i>Tax # Minerals Only</i> Maybel M. Presley 2070 Montello St Reno, NV 89512	Leased	0.01704641	0.01000550
	Timothy W. Green 2070 Montello St Reno, NV 89512	Leased	0.01704641	0.01000550
	Timothy Wayne Presley PO Box 2122 Rocky Mount, VA 24151	Unleased	0.01704641	0.01000550
	Virginia L. Johnson 10 McGibney Road, Apt G-3 Mount Vernon, OH 43050-1252	Leased	0.00852321	0.00500275
	William Monroe, Jr. & Sherry Johnson 5 Spring Street, PO Box 156 Sparta, OH 43350	Unleased	0.01704641	0.01000550
	Carl H. Evans 4424 Clarewood Avenue Dayton, OH 45431	Leased	0.02557900	0.01501376

Iva Lorraine Simpkins 1045 Burton Drive Danville, VA 24541	Leased	0.00852321	0.00500275
James Edward & Brenda Presley 4493 Snakepath Road Blairs, VA 24527	Leased	0.00852321	0.00500275
Wanda Sue & Forest Landon Searce 3168 Westover Drive Danville, VA 24541	Leased	0.00852321	0.00500275
Earl Wayne & Belva Presley 3320 Stoney Mill Road Danville, VA 24541	Leased	0.00852321	0.00500275
Debra Presley & William Edwin Mathews 261 Vincent Hoyle Road Henderson, NC 27536	Leased	0.00852321	0.00500275
Karen Presley & Danny Barber 196 Maxey Lane Danville, VA 24540	Leased	0.00852321	0.00500275
Jack R. & Brenda J. Presley 116 Lindberg Street Goodlettsville, TN 37202	Leased	0.01704641	0.01000550
Margaret J. & William E. Halpin 2007 Manchester Avenue Nashville, TN 37218	Leased	0.01704641	0.01000550
Ray Davenport 1867 E. Broabmoor Springfield, MO 65804	Leased	0.00851852	0.00500000
James & Melissa Davenport 1701 Arbor Ridge Drive Antioch, TN 37013	Leased	0.00851852	0.00500000
Mildred B. Wolford 12 Orchard Drive Mt. Vernon, OH 43050	Leased	0.01021097	0.00599340
Douglas E. & Barbara Elswick 58 Sychar Road Mt. Vernon, OH 43050	Leased	0.01021097	0.00599340

Danny L. & Sharon Elswick 13274 County Road 172 Cardington, OH 43315	Leased	0.01021097	0.00599340
Ronda G. & Gerry Fleury 830 Fairway Drive Howard, OH 43028	Leased	0.01021097	0.00599340
Sherry Bartkowiak PO Box 523 Longview, WA 98632	Leased	0.01021097	0.00599340
Darrell F. & Kimberly J. Presley 2223 Nomad Avenue Dayton, OH 45414	Leased	0.01278481	0.00750413
Larry Presley 126 W. Fifth Street #1018 Dayton, OH 45402	Leased	0.01278481	0.00750413
Gary Lee Presley 5920 Shore Drive Huber Heights, OH 45424	Leased	0.01278481	0.00750413
Kenny E. & Rhonda Presley 10 Hosreshoe Drive Dayton, OH 45432	Leased	0.01278481	0.00750413
Thomas Alfred, Jr. & Linda Salyers 2873 Mollies Creek Gladys, VA 24554	Leased	0.05109705	0.02999174
Juanita Ellen Sutphin 1937 Lynnwood Lane Christiansburg, VA 24073	Leased	0.05109705	0.02999174
Abraham & Phyliss E. Patton Salyers 706 Pheasant Drive Winchester, VA 22602-3505	Unleased	0.05109705	0.02999174
Franklin R., Sr. & Deborah Renee Smith #8 Heishmans Park Road Tom's Brook, VA 22660	Leased	0.01278481	0.00750413
Mary Lee Smith PO Box 94	Unleased	0.01278481	0.00750413

New Castle, VA 24127

Pamela Faye Smith 1601 Lakeside Avenue, Apt. 710 Henrico, VA 23228	Leased	0.01278481	0.00750413
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Doris A. & Gregory G. Brennen 383 Shenandoah River Lane Front Royal, VA 22630	Unleased	0.01278481	0.00750413
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Petish Irish Salyers & Ralph Eugene Smith Box 478 289 Flop Lane Catawba, VA 24070	Unleased	0.05109705	0.02999174
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Sunset Carson & Deloris A. Buchanan Salyers 2699 Corn Valley Road Honaker, VA 24260	Leased	0.05109705	0.02999174
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Sharon Yelton 301 Green Arbor Drive Fredericksburg, VA 22407-6313	Leased	0.03831224	0.02248762
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Michael Yelton 131 Kings Way Naples, FL 34104	Leased	0.03831224	0.02248762
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Lehman L. & Hattie Ruth Barton Tiller 1873 Indian Grave Gap Road Vansant, VA 24656	Leased	0.07666667	0.04500000
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Todd Patrick Farmer 3105 Edenbark Drive San Jose, CA 95148	Leased	0.03833333	0.02250000
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Rex Randolph Farmer 2406 Farrol Avenue Union City, CA 94587	Leased	0.03833333	0.02250000
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James E. Watson 23907 Spring Moss Drive Spring, TX 77373	Leased	0.07666667	0.04500000
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Tract 3 Totals		0.92000000	0.54000000
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4	EnerVest Energy Institutional Fund XIV-A, L.P. & EnerVest Energy Institutional Fund XIV-WIC, L.P. Attn: Jim McKinney 408 West Main Street	Owner	13.02000000	7.65000000
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Abingdon, VA 24210
Tax # Minerals Only

TOTAL GAS ESTATE

100.00000000 58.77000000

Percentage of Unit Leased 99.83814346
Percentage of Unit Unleased 0.16185654

Acreage in Unit Leased 58.67499725
Acreage in Unit Unleased 0.09500275

Exhibit "B-3"
VCI-538428

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
Gas Estate Only				
3	<i>Tax # Minerals Only</i> Timothy Wayne Presley PO Box 2122 Rocky Mount, VA 24151	Unleased	0.01704641	0.01000550
	William Monroe, Jr. & Sherry Johnson 5 Spring Street, PO Box 156 Sparta, OH 43350	Unleased	0.01704641	0.01000550
	Abraham & Phyliss E. Patton Salyers 706 Pheasant Drive Winchester, VA 22602-3505	Unleased	0.05109705	0.02999174
	Mary Lee Smith PO Box 94 New Castle, VA 24127	Unleased	0.01278481	0.00750413
	Doris A. & Gregory G. Brennen 383 Shenandoah River Lane Front Royal, VA 22630	Unleased	0.01278481	0.00750413
	Petish Irish Salyers & Ralph Eugene Smith Box 478 289 Flop Lane Catawba, VA 24070	Unleased	0.05109705	0.02999174
TOTAL GAS ESTATE			0.16185654	0.09500275

Company: EnerVest Operating, LLC.

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

AFE #

Well Name: VCI-53842E

Location: Russell, VA

Expected Pay Zones: PENNSLVANA COALS

Proposed Work: DRILL, COMPLETE AND PLACE INTO PRODUCTION

Property #

Field: NORA FIELD

Operator: EnerVest Operating, LLC.

Estimated Total Depth: 3,202 FT

Participants: EnerVest Operating, LLC. | W.I. 100% | Amount: \$503,900

Version # 1

Completed By: TEAM

Date: 4/12/2017

AAPG Class: DEVELOPMENT

Description	Casing Point	Completion	Total Cost
Leasehold Costs	\$0	\$0	\$0
Permit / Title Opinion / Survey / Insurance	\$13,000	\$0	\$13,000
Building Location/Materials	\$33,000	\$5,000	\$38,000
Roads / Stone / Culverts	\$13,000	\$0	\$13,000
Surface Damages	\$0	\$0	\$0
Drilling - Footage	\$53,800	\$0	\$53,800
Drilling - Mobilization	\$0	\$0	\$0
Drilling - Dryrate	\$0	\$0	\$0
Mud & Chemicals (Drilling)	\$0	\$0	\$0
Fuel	\$0	\$0	\$0
Cement Services	\$6,500	\$0	\$6,500
Open Hole Logging & Testing	\$4,100	\$6,000	\$10,100
Trucking / Dozer (Drilling)	\$2,000	\$0	\$2,000
Rental Tools & Equipment (Drilling)	\$500	\$0	\$500
Drilling - Bits	\$0	\$0	\$0
Technical Supervision (Drilling)	\$0	\$0	\$0
Fresh Water Hauling (Drilling)	\$2,000	\$0	\$2,000
Overhead Rate	\$1,000	\$1,000	\$2,000
Misc. & Contingencies (Insurance)	\$300	\$0	\$300
Location Rds/Stone/Culverts	\$0	\$1,000	\$1,000
Trucking / Dozer (Completion)	\$0	\$4,000	\$4,000
Technical Supervision (Completion)	\$0	\$0	\$0
Cased Hole Logging / Perforating	\$0	\$18,500	\$18,500
Stimulation / Fracturing	\$0	\$150,000	\$150,000
Completion Rig	\$0	\$14,000	\$14,000
Reclamation & Damages	\$8,000	\$0	\$8,000
Haul Pit Water / Disposal	\$0	\$4,000	\$4,000
Cement Production Casing	\$0	\$14,000	\$14,000
Rental Tools & Equipment (Completion)	\$0	\$4,500	\$4,500
Fresh Water Hauling (Completion)	\$0	\$3,000	\$3,000
Roustabout Labor	\$1,500	\$2,200	\$3,700
Environmental & Safety	\$500	\$500	\$1,000
TOTAL INTANGIBLES	\$138,700	\$227,500	\$366,200

Description	Casing Point	Completion	Total Cost
Conductor	\$700	\$0	\$700
26 lb/lft LS Surface Csg	\$3,000	\$0	\$3,000
19 lb/lft LS Intermediate Csg	\$0	\$0	\$0
4 1/2" 9.8 lb/lft M-65 Production Csg	\$0	\$14,900	\$14,900
4 1/2" 10.5 lb/lft M-85 Production Csg	\$0	\$0	\$0
2-3/8" 4.7 lb/lft J55 8rd Production Tubing	\$0	\$7,700	\$7,700
Wellhead Equipment / Fittings	\$2,400	\$15,000	\$17,400
Tank Battery	\$0	\$7,000	\$7,000
Separator / Heater / Treater	\$0	\$5,500	\$5,500
Gas Lift Equipment	\$0	\$0	\$0
Rods / Stuffing Box	\$0	\$4,900	\$4,900
Downhole Pump	\$0	\$1,500	\$1,500
Pumping Unit / Motor	\$0	\$12,000	\$12,000
Electric Service & Equipment	\$0	\$23,000	\$23,000
Valves & Fittings	\$0	\$0	\$0
Flow Line labor/material	\$0	\$6,000	\$6,000
Sales line labor/material	\$0	\$34,100	\$34,100
TOTAL TANGIBLES	\$6,100	\$131,600	\$137,700

GRAND TOTAL WELL COST	\$144,800	\$359,100	\$503,900
Plugging & Abandonment		\$30,000	
Production Costs :	\$503,900	Dry Hole Costs :	\$174,800

Operations Corn Randolph Date 4/13/17

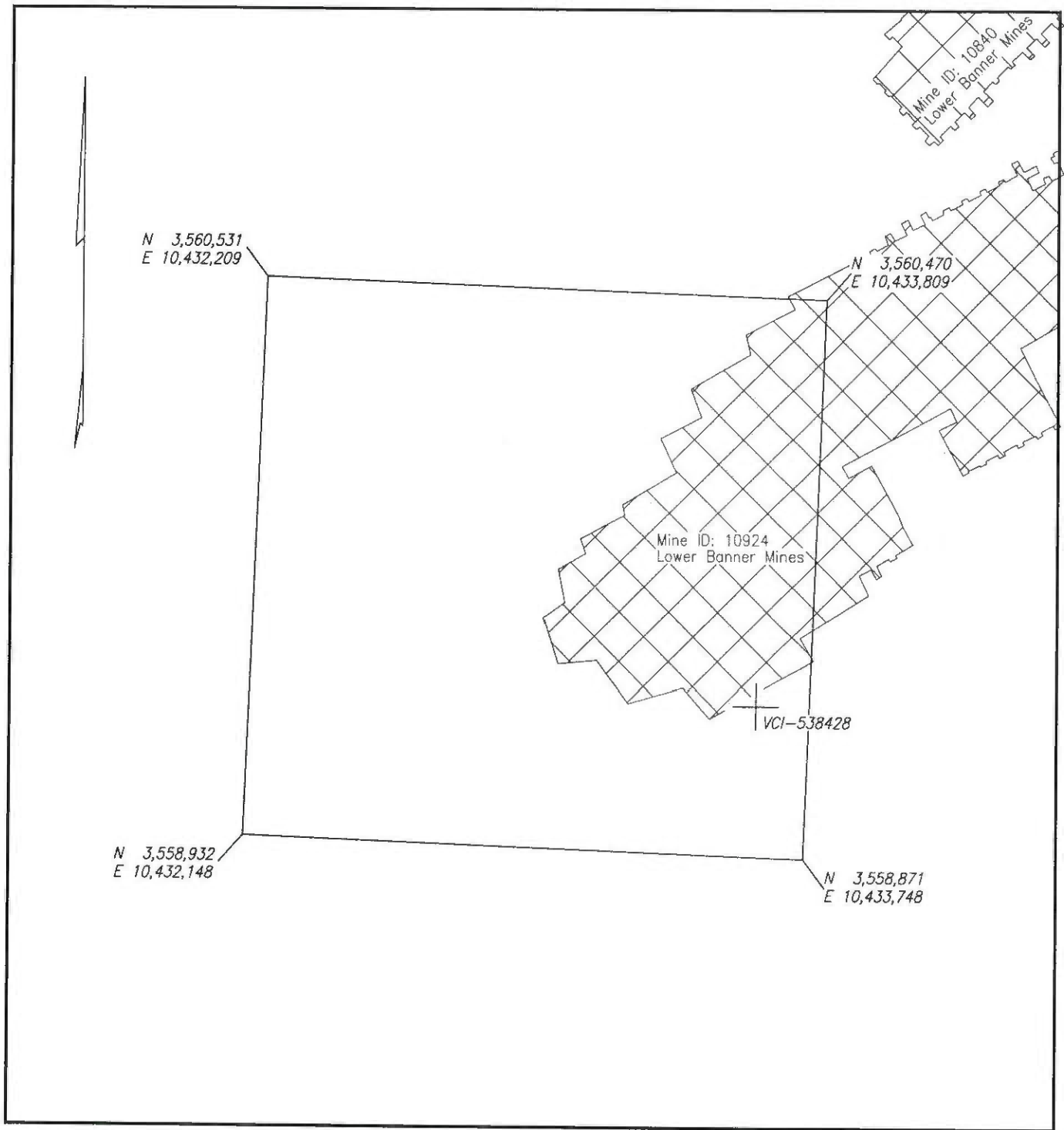
Engineering Ego frank Date 4/12/2017

Geology Shirley Date 4/17/17

Land Charles Henson Date 4/17/17

THIS IS AN ESTIMATE OF PREDICTED 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 DRILL DEPTH AND OTHER FACTORS INCLUDING, BUT NOT LIMITED TO, SEASONAL MATERIAL COSTS, WEATHER CONDITIONS, AND UNFORESEEN RIGHT-OF-WAY PROBLEMS.

Exhibit C



WELL & MINE LOCATION MAP NORA GRID BN-89

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER VCI-538428
 QUADRANGLE Big A Mtn. PERMIT NO. _____ SCALE 1" = 400' DATE 12-2-2016

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

Exhibit L