

VIRGINIA DEPARTMENT OF ENERGY

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	EnerVest Operating, L.L.C.	)	
		)	
Relief Sought:	Pooling VCI-600010 Nora Grid 89-BL	)	
	Nora Coalbed Gas Field	)	
Legal		)	
Description:		)	
	Cornelius Ball TC-236 Tract	)	Docket Number:
	220.00 acres, more or less	)	VGOB-23-0321-4257
	Hurricane District	)	
	Big A Mountain 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 24212 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-600010 Nora Grid 89-BL 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-600010 Nora Grid 89-BL is currently or is anticipated to be pending before the Virginia Department of 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 § 45.2-1618 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. The interest of all unleased persons in the Formations underlying the drilling unit for well number VCI-600010 Nora 89-BL should be pooled for the development and operation thereof.
- (d) Applicant proposes to drill at the permitted location to an approximate depth of 3,200 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 \$738,007.00 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 990 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 § 45.2-1620 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-600010 Nora Grid 89-BL, 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 17<sup>th</sup> day of February, 2023.

ENERVEST OPERATING, L.L.C

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

**VERIFICATION**

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

  
Timothy E. Scott

VIRGINIA DEPARTMENT OF ENERGY

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-600010 Nora Grid 89-BL	) VGOB-23-0321-4257
	Nora Coalbed Gas Field	)
		)
Legal		)
Description:	Cornelius Ball TC-236 Tract	)
	220.00 acres, more or less	)
	Hurricane District	)
	Big A Mountain Quadrangle	)
	Buchanan County, Virginia	)

NOTICE OF HEARING

HEARING DATE: March 21, 2023  
PLACE: 3405 Mountain Empire Rd, Big Stone Gap, VA  
24219  
Virginia Department of Energy website  
TIME: 10:00 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-600010 Nora Grid 89-BL 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. § 45.2-1600 *et seq.* in regard to the drilling, development and production of oil, gas and coalbed methane from drilling unit VCI-600010 Nora Grid 89-BL containing approximately 58.77 acres, located on the above-referenced tracts situated approximately 6,400 feet northwest of the intersection of Virginia State Routes 602 and 601 and approximately 5,500 feet south of the intersection of Virginia State Routes 602 and 672 in the Hurricane District, Big A Mountain 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. § 45.2-1622;

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 **10:00 a.m. on March 21, 2023** at 3405 Mountain Empire Rd, Big Stone Gap, VA 24219 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, Virginia

Department of Energy, Division of Gas and Oil, 3405 Mountain Empire Rd, Big Stone Gap, VA 24219, (276) 523-8100 or the Applicant at the address shown below.

DATED this 17<sup>th</sup> day of February, 2023.

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

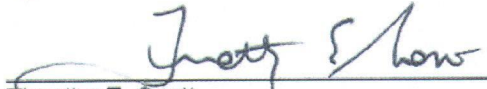
  
\_\_\_\_\_  
Timothy E. Scott

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

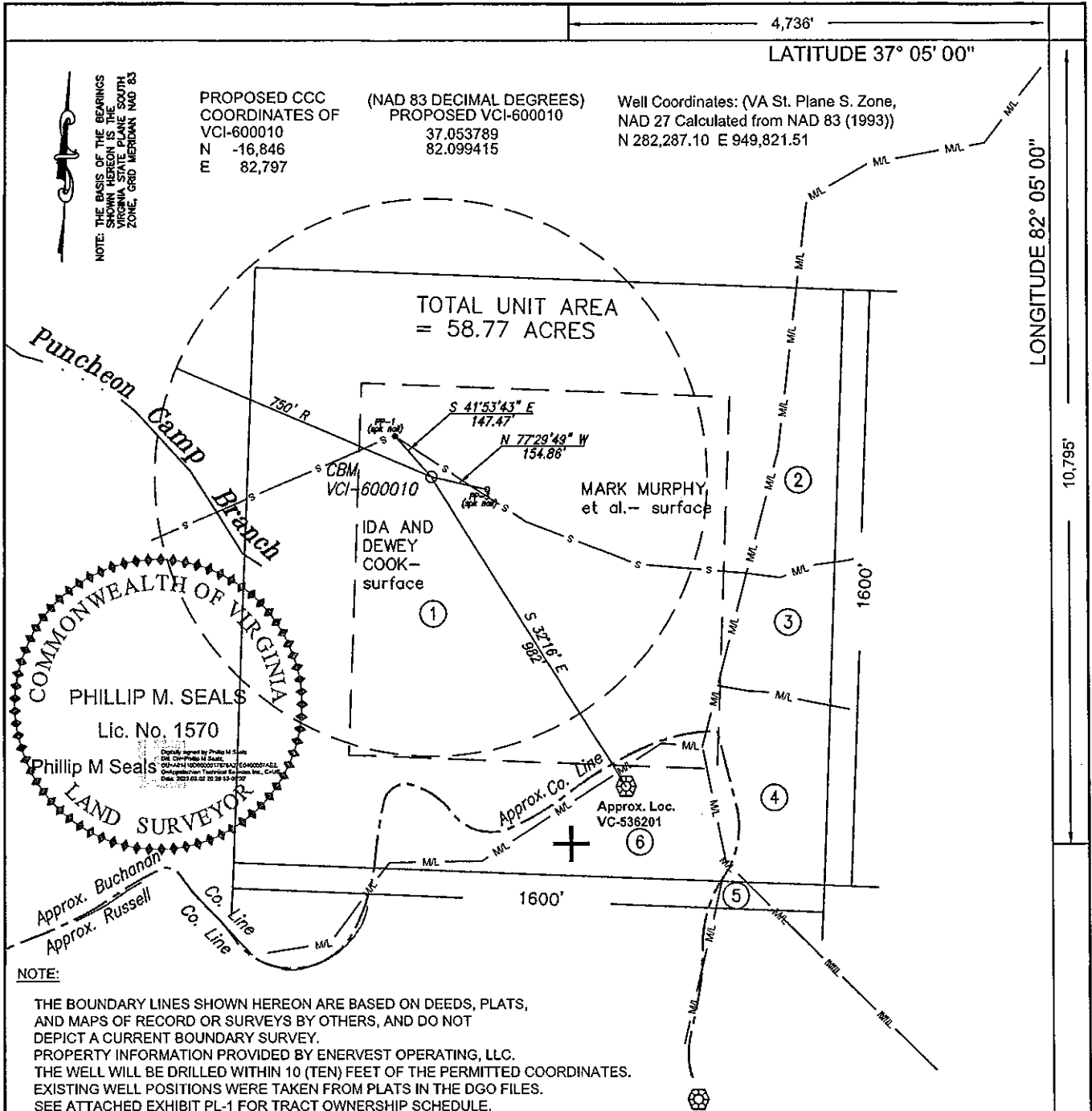
CERTIFICATE OF SERVICE

I, Timothy E. Scott, counsel for EnerVest Operating, L.L.C., hereby certify that I have on this, the 17<sup>th</sup> day of February, 2023, caused the foregoing notice and application to be served upon parties listed herein, at their address, by certified mail, return receipt requested.

Dated this 17<sup>th</sup> day of February, 2023.

  
Timothy E. Scott

**Exhibit "A"**  
**VCI-600010**  
**23-0321-4257**



NOTE: THE BASIS OF THE BEARINGS SHOWN HEREON IS THE VIRGINIA STATE PLANE SOUTH ZONE, GRID MERIDIAN NAD 83

PROPOSED CCC COORDINATES OF VCI-600010  
 N -16,846  
 E 82,797

(NAD 83 DECIMAL DEGREES) PROPOSED VCI-600010  
 37.053789  
 82.099415

Well Coordinates: (VA St. Plane S. Zone, NAD 27 Calculated from NAD 83 (1993))  
 N 282,287.10 E 949,821.51

LATITUDE 37° 05' 00"

LONGITUDE 82° 05' 00"

TOTAL UNIT AREA = 58.77 ACRES

COMMONWEALTH OF VIRGINIA  
 PHILLIP M. SEALS  
 Lic. No. 1570  
 Phillip M Seals  
 LAND SURVEYOR

**NOTE:**

THE BOUNDARY LINES SHOWN HEREON ARE BASED ON DEEDS, PLATS, AND MAPS OF RECORD OR SURVEYS BY OTHERS, AND DO NOT DEPICT A CURRENT BOUNDARY SURVEY.  
 PROPERTY INFORMATION PROVIDED BY ENERVEST OPERATING, LLC.  
 THE WELL WILL BE DRILLED WITHIN 10 (TEN) FEET OF THE PERMITTED COORDINATES.  
 EXISTING WELL POSITIONS WERE TAKEN FROM PLATS IN THE DGO FILES.  
 SEE ATTACHED EXHIBIT PL-1 FOR TRACT OWNERSHIP SCHEDULE.

**WELL LOCATION PLAT (Nora Grid BL-89)**

COMPANY	<u>EnerVest Operating, LLC</u>	WELL NAME OR NUMBER	<u>VCI-600010</u>
TRACT NO.	<u>T-504</u>	QUADRANGLE	<u>Big A Mountain</u>
DISTRICT	<u>Hurricane</u>		
WELL COORDINATES (VIRGINIA STATE PLANE 83)	<u>N 3,563,164.32 E 10,432,807.74</u>		
ELEVATION	<u>2,515.83'</u>	METHOD USED TO DETERMINE ELEVATION:	<u>GPS &amp; TRIG.</u>
COUNTY	<u>Buchanan</u>	SCALE:	<u>1" = 400'</u>
		DATE	<u>3-02-2023</u>

THIS PLAT IS A NEW PLAT  ; 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.

1565.49  
 Form DGO-GO-7  
 Rev. 1-98

*[Signature]*

LICENSED LAND SURVEYOR

(AFFIX SEAL)

EXHIBIT PL-1

Property Ownership Information for VCI-600010  
3-02-2023

①

T-504  
JASPER COOK  
318.26 ACRES  
ACIN LLC - coal  
PARAMONT CONTURA, LLC - coal lessee  
DICKENSON-RUSSELL CONTURA, LLC- coal lessee  
ENERVEST XIV-A NORA LLC  
ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &  
ENERVEST XIV-WIC NORA LLC  
oil, gas & cbm  
GAS 46.61 AC. 79.30%

②

TC-236  
CORNELIUS BALL  
220 ACRES  
ACIN LLC - coal  
PARAMONT CONTURA, LLC - coal lessee  
DICKENSON-RUSSELL CONTURA, LLC- coal lessee  
ENERVEST XIV-A NORA LLC  
ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &  
ENERVEST XIV-WIC NORA LLC  
(CBM)  
PARTIALLY LEASED  
LEASE # 967220  
ANNA BALL HEIRS - oil & gas (CBM)  
60 ACRES  
GAS 2.95 AC. 5.02%

③

TC-236  
CORNELIUS BALL  
220 ACRES  
ACIN LLC - coal  
PARAMONT CONTURA, LLC - coal lessee  
DICKENSON-RUSSELL CONTURA, LLC- coal lessee  
ENERVEST XIV-A NORA LLC  
ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &  
ENERVEST XIV-WIC NORA LLC  
(CBM)  
LEASED  
LEASE #10000382  
JAMES R. MURPHY ET AL. - oil & gas (CBM)  
43 ACRES  
GAS 2.09 AC. 3.56%

EXHIBIT PL-1

Property Ownership Information for VCI-600010  
3-02-2023

④

TC-236  
CORNELIUS BALL  
220 ACRES  
ACIN LLC - coal  
PARAMONT CONTURA, LLC - coal lessee  
DICKENSON-RUSSELL CONTURA, LLC- coal lessee  
ENERVEST XIV-A NORA LLC  
ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &  
ENERVEST XIV-WIC NORA LLC  
(cbm)

LEASED  
LEASE # 980279  
THOMAS DOTSON - oil & gas (cbm)  
116 ACRES

GAS 3.53 AC. 6.01%

⑤

T-503  
JACOB COOK  
202.3 ACRES  
ACIN LLC - coal  
PARAMONT CONTURA, LLC - coal lessee  
DICKENSON-RUSSELL CONTURA, LLC- coal lessee  
ENERVEST XIV-A NORA LLC  
ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &  
ENERVEST XIV-WIC NORA LLC  
oil, gas & CBM

GAS 0.04 AC. 0.07%

⑥

T-506  
PETER GOLDBACK  
56.98 ACRES  
ACIN LLC - coal  
PARAMONT CONTURA, LLC - coal lessee  
DICKENSON-RUSSELL CONTURA, LLC- coal lessee  
ENERVEST XIV-A NORA LLC  
ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &  
ENERVEST XIV-WIC NORA LLC  
oil, gas & CBM

GAS 3.55 AC. 6.04%

**Exhibit "B"**  
**VCI-600010**  
**23-0321-4257**  
**2/9/2023**

<b>Tract</b>	<b>Lessor</b>	<b>Lease Status</b>	<b>Interest Within Unit</b>	<b>Gross Acreage in Unit</b>
<b>Gas Estate Only</b>				
1	EnerVest XIV-A Nora LLC, EnerVest XIV-WIC Nora LLC, & EnerVest Energy Institutional Fund XIV-1A, L.P. Attn: Kevin Miller 408 West Main Street Abingdon, VA 24210 <i>Tax ID - Minerals Only</i>	Owner	79.30000000	46.61000000
2	<i>Tax ID - Minerals Only</i> Norma L.Harris 24 Biscayne Pl. Sterling, VA 20164	Leased	0.10244898	0.06020408
	Terry Skeens 3640 Applewood Rd. Richmond, VA 23234	Leased	0.10244898	0.06020408
	Ellen Parks 143 Farm View Rd. Front Royal, VA 22630	Leased	0.10244898	0.06020408
	Nancy Virginia Skeens, Widow 709 Kilarney Dr. Fredricksburg, VA 22407	Leased	0.10244898	0.06020408
	Shelby Skeens, Widow 153 Old Park Rd. Montross, VA 22520-2002	Leased	0.10244898	0.06020408
	Lacy Breeding, Jr. and Demmie Breeding, h/w 7851 Carrollton Pike Galax, VA 24333-5956	Leased	0.02048980	0.01204082
	Gary D. Breeding 3833 River Rd. Hopewell, VA 23860-1644	Leased	0.02048980	0.01204082
	Tommy J. Breeding 1433 River Mountain Rd. Lebanon, VA 24266	Leased	0.02048980	0.01204082
	Ronald Breeding 1829 Spring City Rd. Cleveland, VA 24225	Leased	0.02048980	0.01204082
	Peggy A. Leonard 1215 Tremont Ave. Bristol, VA 37620	Leased	0.02048980	0.01204082

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
2	Betty A. Mathis and Ronald K. Mathis, w/h 562 Fulla Lane Heath, OH 43056-9239	Leased	0.01707483	0.01003401
	Ada E. Wilson, Widow 1080 S. 30 St. - Apt.204 Mitchell Retirement Village Heath, OH 43056	Leased	0.01707483	0.01003401
	Leonard Parrott and Pauline Parrott, h/w 244 Browntown Rd. Max Meadows, VA 24360	Leased	0.01707483	0.01003401
	Donald Mabe 244 Browntown Rd. Max Meadows, VA 24360	Leased	0.01707483	0.01003401
	David Mabe 723 Copper Rd. Cleveland, VA 24225	Leased	0.01707483	0.01003401
	James Parrott and Kay Parrott, h/w 572 Myrtle Ave Newark, OH 43055-3193	Leased	0.01707483	0.01003401
	Terry W. McGlothlin Linda L. Griffith 512 Shannon St. Tazewell, VA 24651	Leased	0.17928571	0.10535714
	Mike A. Ball and Emily A. Ball, h/w 3808 Combs Ridge Rd. Honaker, VA 24260	Leased	0.17928571	0.10535714
	Betty J. Peyton Linda L. Griffith 512 Shannon St. Tazewell, VA 24651	Leased	0.17928571	0.10535714
	Mike A. Ball and Emily A. Ball, h/w 3808 Combs Ridge Rd. Honaker, VA 24260	Leased	0.17928571	0.10535714
2	Sharlene Compton Sheets 140 Carib Street Martinsburg, WV 25405	Leased	0.35857143	0.21071429
	Anna Compton Pauley 140 Carib St. Martinsburg, WV 25405	Leased	0.35857143	0.21071429
	Katherine Ball c/o Linda L. Griffith 512 Shannon St. Tazewell, VA 24651	Leased	0.71714286	0.42142857
	Heirs of Lovis Ball Brown Unknown/Unlocateable	Unleased	0.71714286	0.42142857

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
2	Linda L. Griffith 512 Shannon St. Tazewell, VA 24651	Leased	0.35857143	0.21071429
	Mike A. Ball and Emily A. Ball, h/w 3808 Combs Ridge Rd. Honaker, VA 24260	Leased	0.35857143	0.21071429
	Moses A. Ball, Jr. and Patricia M. Ball, h/w 1262 SW Maplewood Dr. Port Saint Lucie, FL 34986	Leased	0.35857143	0.21071429
	Todd J. Pioch 12098 83rd Ave Seminole, FL 33772	Leased	0.17928571	0.10535714
	Tammy K. Pioch 1574 Trestle Glen Rd Oakland, CA 94610	Leased	0.17928571	0.10535714
	<b>Tract 2 Totals</b>		<b>5.02000000</b>	<b>2.95000000</b>
3	<i>Tax ID - Minerals Only</i> James R. Murphy and Anna Murphy 1391 Finney Road Honaker, VA 24260	Leased	1.42400000	0.83600000
	Virginia L. Murphy 7376 Finney Road Honaker, VA 24260	Leased	1.06800000	0.62700000
	<b>Heirs of Norma C. Stevens</b> Ronnie L. Stevens 12795 River Mountain Road Lebanon, VA 24266	Leased	0.26700000	0.15675000
	Gerald Bryant Stevens P.O. Box 1057 Honaker, VA 24260	Leased	0.26700000	0.15675000
	Grady Randall Stevens 8 Fairway Drive Portsmouth, VA 23701	Leased	0.26700000	0.15675000
	Michael D. Stevens P.O. Box 1761 Honaker, VA 24260	Leased	0.26700000	0.15675000
	<b>Tract 3 Totals</b>		<b>3.56000000</b>	<b>2.09000000</b>
4	<i>Tax ID - Minerals Only</i> Thomas Young Dotson Living Trust Thomas Y. Dotson 305 Hill Road Southern Pines, NC 28387	Leased	6.01000000	3.53000000

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
5	EnerVest XIV-A Nora LLC, EnerVest XIV-WIC Nora LLC, & EnerVest Energy Institutional Fund XIV-1A, L.P. Attn: Kevin Miller 408 West Main Street Abingdon, VA 24210 <i>Tax ID - Minerals Only</i>	Owner	0.07000000	0.04000000
6	EnerVest XIV-A Nora LLC, EnerVest XIV-WIC Nora LLC, & EnerVest Energy Institutional Fund XIV-1A, L.P. Attn: Kevin Miller 408 West Main Street Abingdon, VA 24210 <i>Tax ID - Minerals Only</i>	Owner	6.04000000	3.55000000
<b>TOTAL GAS ESTATE</b>			<b>100.00000000</b>	<b>58.77000000</b>
	Percentage of Unit Leased	99.28285714		
	Percentage of Unit Unleased	0.71714286		
	Acreage in Unit Leased	58.34857143		
	Acreage in Unit Unleased	0.42142857		

**Exhibit "B-3"**  
**VCI-600010**  
**23-0321-4257**  
**2/9/2023**

<b>Tract</b>	<b>Lessor</b>	<b>Lease Status</b>	<b>Interest Within Unit</b>	<b>Gross Acreage in Unit</b>
<b>Gas Estate Only</b>				
2	<i>Tax ID# Minerals Only</i> Heirs of Lovis Ball Brown Unknown/Unlocateable	Unleased	0.71714286	0.42142857
<b>TOTAL GAS ESTATE</b>			<b>0.71714286</b>	<b>0.42142857</b>

Company: EnerVest Operating, L.L.C.  
Virginia Gas And Oil Template -- Estimate Authorization For Expenditure (AFE)


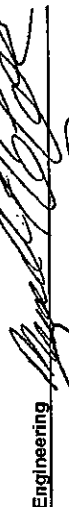


AFE #	
VCI-600010	
Location: Buchanan County, VA	
Expected Pay Zones: PENNSYLVANIAN COALS	
Proposed Work: DRILL, COMPLETE AND PLACE INTO PRODUCTION	
Property #	Version #1
Field: NORA FIELD	Completed By: TEAM
Operator: EnerVest Operating, L.L.C.	2/14/2023
Estimated Total Depth: 3,200 FT	AAPG Class: DEVELOPMENT
Participant(s): EnerVest Operating, L.L.C.	W.I.: 100% Amount: \$738,007

Description	Casing Point	Completion	Total Cost
Leasehold Costs	\$0	\$0	\$0
Permit / Title Opinion / Survey / Insurance	\$8,700	\$0	\$8,700
Building Location/Materials	\$50,902	\$6,020	\$56,922
Roads / Stone / Culverts	\$13,000	\$5,000	\$18,000
Surface Damages	\$15,000	\$0	\$15,000
Drilling - Footage	\$88,960	\$0	\$88,960
Drilling - Mobilization	\$0	\$0	\$0
Drilling - Dayrate	\$900	\$0	\$900
Mud & Chemicals (Drilling)	\$0	\$0	\$0
Fuel	\$0	\$0	\$0
Cement Services	\$6,100	\$13,824	\$19,924
Open Hole Logging & Testing	\$3,930	\$0	\$3,930
Trucking / Dozer (Drilling)	\$0	\$0	\$0
Rental Tools & Equipment (Drilling)	\$0	\$0	\$0
Drilling - Bits	\$0	\$0	\$0
Technical Supervision (Drilling)	\$0	\$0	\$0
Fresh Water Hauling (Drilling)	\$0	\$0	\$0
Overhead Rate	\$7,000	\$3,000	\$10,000
Misc. & Contingencies (Insurance)	\$500	\$0	\$500
Location Rds/Stone/Culverts	\$0	\$0	\$0
Trucking / Dozer (Completion)	\$0	\$6,522	\$6,522
Technical Supervision (Completion)	\$0	\$3,600	\$3,600
Cased Hole Logging / Perforating	\$0	\$38,400	\$38,400
Stimulation / Fracturing	\$0	\$160,000	\$160,000
Completion Rig	\$0	\$13,025	\$13,025
Reclamation & Damages	\$12,000	\$0	\$12,000
Haul Pit Water / Disposal	\$0	\$2,000	\$2,000
Cement Production Casing	\$0	\$0	\$0
Rental Tools & Equipment (Completion)	\$0	\$11,491	\$11,491
Fresh Water Hauling (Completion)	\$0	\$4,250	\$4,250
Roustabout Labor	\$2,750	\$8,876	\$11,626
Environmental & Safety	\$1,000	\$1,000	\$2,000
<b>TOTAL INTANGIBLES</b>	<b>\$210,742</b>	<b>\$277,008</b>	<b>\$487,750</b>

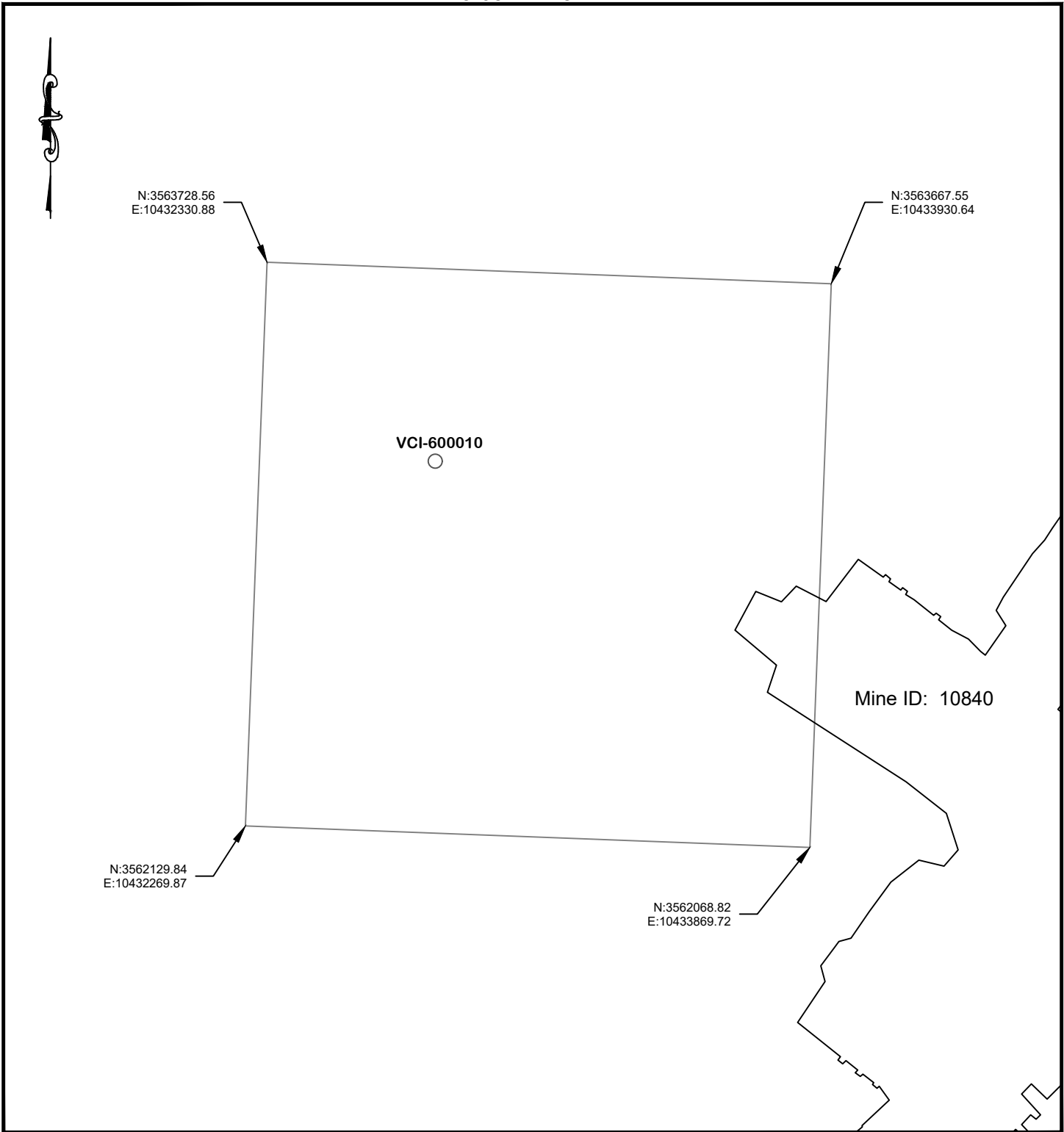
I N T A N G I B L E S

Description	Casing Point	Completion	Total Cost
" Conductor	40 Ft	\$1,120	\$1,120
" 26 lb/ft LS Surface Csg	300 Ft	\$4,050	\$4,050
" 19 lb/ft LS Intermediate Csg	Ft	\$0	\$0
4 1/2" 9.5 lb/ft M-65 Production Csg	Ft	\$0	\$0
4 1/2" 10.5 lb/ft M-65 Production Csg	3,200 Ft	\$43,943	\$43,943
2-3/8" 4.7 lb/ft J55 8rd Production Tubing	3,150 Ft	\$28,770	\$28,770
Wellhead Equipment / Fittings	\$3,990	\$1,083	\$5,074
Tank Battery	\$0	\$16,762	\$16,762
Separator / Heater / Treater	\$0	\$8,178	\$8,178
Gas Lift Equipment	\$0	\$0	\$0
Rods / Stuffing Box	\$0	\$11,132	\$11,132
Downhole Pump	\$0	\$2,000	\$2,000
Pumping Unit / Motor	\$0	\$18,053	\$18,053
Electric Service & Equipment	\$0	\$49,285	\$49,285
Valves & Fittings	\$0	\$4,459	\$4,459
Flow Line labor/material	\$0	\$10,679	\$10,679
Sales line labor/material	\$0	\$46,752	\$46,752
<b>TOTAL TANGIBLES</b>	<b>\$9,160</b>	<b>\$241,097</b>	<b>\$250,257</b>
<b>GRAND TOTAL WELL COST</b>	<b>\$219,902</b>	<b>\$518,105</b>	<b>\$738,007</b>
Plugging & Abandonment	\$35,000		
<b>Production Costs :</b>	<b>\$738,007</b>	<b>Dry Hole Costs :</b>	<b>\$254,902</b>

T A N G I B L E S

Operations		Date	2/14/2023
Engineering		Date	2/14/2023
Geology		Date	2/14/23
Land		Date	2/14/2023

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 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 BL-89

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER VCI-600010  
QUADRANGLE Big A Mountain PERMIT NO. \_\_\_\_\_ SCALE 1" = 400' DATE 12-09-22

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