

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	EnerVest Operating, L.L.C.	)	
		)	
		)	
Relief Sought:	Pooling VCI-539006 Nora Grid AO-78	)	
	Nora Coalbed Gas Field	)	
Legal		)	
Description:		)	
	Robert H. Owens Tract	)	Docket Number:
	31.00 acres, more or less	)	VGOB-19-0319-4201
	Prater District	)	
	Prater 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-539006 Nora Grid AO-78 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-539006 Nora Grid AO-78 is currently or is anticipated to be pending before the Department of Mines, Minerals and Energy.

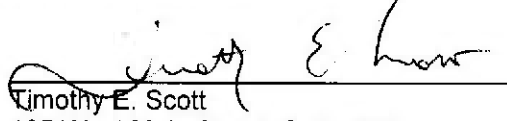
- (c) Applicant has exercised due diligence to locate each of the oil, gas and coalbed methane interest owners named herein at Exhibit B-3 and has made or is making a bona fide effort to reach an agreement with all unleased parties as to pooling their interest for the development and operation of the 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-539006 Nora Grid AO-78 should be pooled for the development and operation thereof.
- (d) Applicant proposes to drill at the permitted location to an approximate depth of 2,525 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 \$400,100.00 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 925 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-539006 Nora Grid AO-78, 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 15<sup>th</sup> day of February, 2019.

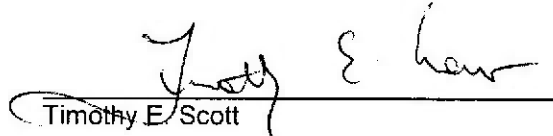
ENERVEST OPERATING, L.L.C



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

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-539006 Nora Grid AO-78 ) VGOB-19-0319-4201  
Nora Coalbed Gas Field )  
 )  
 )  
Legal Description: Robert H. Owens Tract )  
31.00 acres, more or less )  
Prater District )  
Prater 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-539006 Nora Grid AO-78 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-539006 Nora Grid AO-78 containing approximately 58.77 acres, located on the above-referenced tracts situated approximately 3,000 feet northeast of the intersection of Little Fox Creek Drive and Hurley Runyon Road and approximately 4,200 feet northwest of Little Fox School in the Prater District, Prater 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

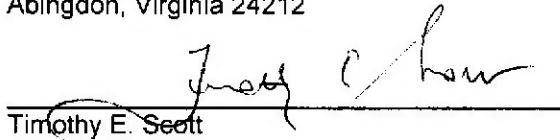
h. Granting such other relief as is merited by the evidence and is just and equitable, whether or not such relief has been specifically requested herein.

**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 15<sup>th</sup> of February, 2019.

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



Handwritten signature of Timothy E. Seott in black ink, written over a horizontal line.

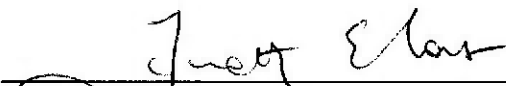
Timothy E. Seott

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 15<sup>th</sup> 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 15<sup>th</sup> day of February, 2019.

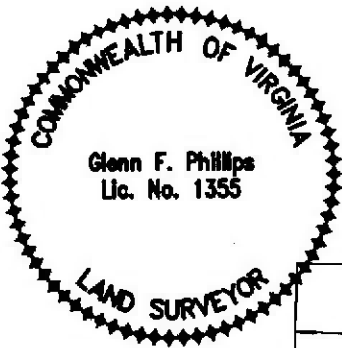
  
\_\_\_\_\_  
Timothy E. Scott

**Exhibit "A"**  
**VCI-539006**  
**Docket No. 19-0319-4201**

Well Coordinates: (Geographic N83)  
 37.153295° -82.159546°

Well Coordinates: (UTM N27, Zone 17)  
 N 13,491,744.37 E 1,302,551.45

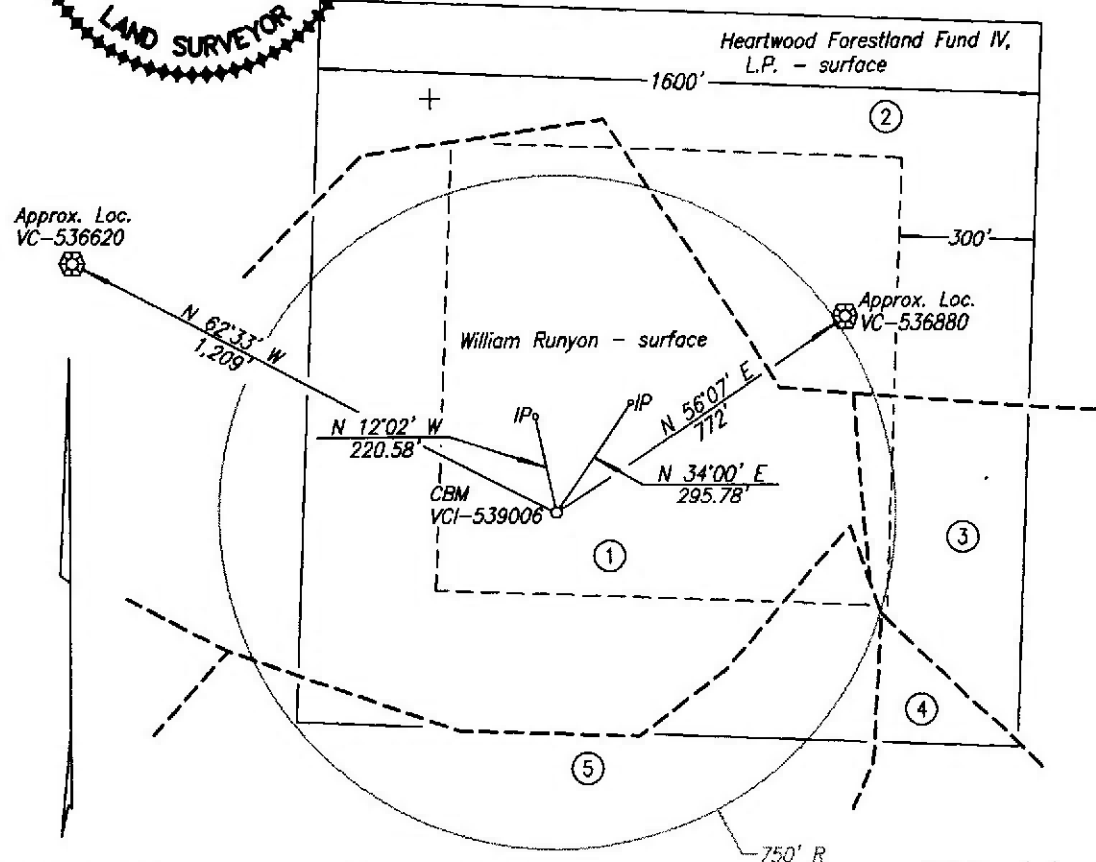
Latitude 37° 10' 00"



Note: See Attached Tract  
 Ownership Information Schedule

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

Longitude -82° 07' 30"  
 4,910'



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

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

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

Area of Unit = 58.77 Ac.

Well Coordinates: (VA St. Plane S. Zone, NAD 83 (1993))  
 N 3,600,039.57 E 10,416,678.03

Well Coordinates: (VA St. Plane S. Zone, NAD 27 Calculated from NAD 83 (1993))  
 N 319,162.48 E 933,692.08

Well Coordinates: (Clinchfield Coal Co.)  
 N 19,385.12 E 65,261.37

**WELL LOCATION PLAT NORA GRID AO-78**

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER VCI-539006  
 TRACT NO. Robert H. Owens ELEVATION 1,990.34' QUADRANGLE Prater  
 COUNTY Buchanan DISTRICT Prater SCALE 1" = 400' DATE 12-18-2018  
 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.

~~Licensed Professional Engineer or Licensed Land Surveyor~~

**Glenn F Phillips**  
 Digitally signed by Glenn F Phillips  
 DN: c=US, o=GLENN F. PHILLIPS COMPANY P.C., ou=A01427D00C09166C50032B20000EAB, cn=Glenn F Phillips  
 Date: 2019.01.10 11:26:05 -0500

VCI-539006 PLAT  
TRACT OWNERSHIP INFORMATION SCHEDULE  
12/18/2018

1. Robert H. Owens  
31 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 29.51 Ac. 50.21%
2. T2-42  
A. B. Nichols et al.  
2,068.22 Acres  
ACIN LLC - coal  
Paramont Contura, LLC - coal lessee  
WBRD LLC - coal  
Dickenson-Russell Contura, LLC - coal lessee  
Oil, gas & CBM:  
John M. Lamic, Esq., Trustee for Yellow Poplar Lumber Co. - 1/2 interest, Unleased  
EnerVest Energy Institutional Fund XIV-A, L.P., EnerVest Energy Institutional Fund XIV-A1, L.P., &  
EnerVest Energy Institutional Fund XIV-WIC, L.P. - 1/4 interest  
Weyerhaeuser Company - 1/4 interest, Lease No. 10089585  
Gas 19.98 Ac. 34.00%
3. TC-230  
Big Sandy Fuel Corp.  
146.19 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  
Lease No. 936511  
Patricia Ann Compton - gas & CBM  
10 Acres  
Gas 4.97 Ac. 8.46%
4. TC-230  
Big Sandy Fuel Corp.  
146.19 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  
Lease No. 10040145  
Patricia Colley - gas & CBM  
5 Acres  
Gas 1.06 Ac. 1.80%
5. TC-229  
J. H. Duty  
76.22 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 3.25 Ac. 5.53%

**Exhibit "B"**  
**VCI-539006**  
**Docket Number: 19-0319-4201**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
<b>Coal Estate Only</b>				
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	50.21000000	29.51000000
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	34.00000000	19.98000000
3	Patricia Ann Compton 8240 Beatrice Street Westland, MI 48185 <i>Tax ID - 3514</i>	Leased	8.46000000	4.97000000
4	Patricia Colley 6643 Cranesnest Road Vansant, VA 24656 <i>Tax ID - 11292</i>	Leased	1.80000000	1.06000000
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	5.53000000	3.25000000
<b>TOTAL GAS ESTATE</b>			100.00000000	58.77000000
Percentage of Unit Leased		100.00000000		
Percentage of Unit Unleased		0.00000000		

Acreage in Unit Leased  
Acreage in Unit Unleased

58.77000000  
0.00000000

**Exhibit "B"**  
**VCI-539006**  
**Docket Number: 19-0319-4201**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
<b>Gas Estate Only</b>				
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	50.21000000	29.51000000
2	<i>Tax ID - Minerals Only</i> John M Lamie, Esq Trustee For Yellow Poplar Lumber Company PO Box 519 Abingdon, Va 24212	Unleased	17.00000000	9.99000000
	Weyerhaeuser Company PO Box 101700 Atlanta, Ga 30392	Leased	8.50000000	4.99500000
	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	Owner	8.50000000	4.99500000
	<b>Tract 2 Totals</b>		<b>34.00000000</b>	<b>19.98000000</b>
3	Patricia Ann Compton 8240 Beatrice Street Westland, MI 48185 <i>Tax ID - 3514</i>	Leased	8.46000000	4.97000000
4	Patricia Colley 6643 Cranesnest Road Vansant, VA 24656 <i>Tax ID - 11292</i>	Leased	1.80000000	1.06000000
5	EnerVest Energy Institutional Fund XIV-A, L.P.	Owner	5.53000000	3.25000000

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

<b>TOTAL GAS ESTATE</b>		100.00000000	58.77000000
Percentage of Unit Leased		83.00000000	
Percentage of Unit Unleased		17.00000000	
Acreage in Unit Leased		48.78000000	
Acreage in Unit Unleased		9.99000000	

**Exhibit "B-3"**  
**VCI-539006**  
**Docket Number: 19-0319-4201**

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
<b>Gas Estate Only</b>				
2	<i>Tax ID - Minerals Only</i> John M Lamie, Esq Trustee For Yellow Poplar Lumber Company PO Box 519 Abingdon, Va 24212	Unleased	17.00000000	9.99000000
<b>TOTAL GAS ESTATE</b>			<b>17.00000000</b>	<b>9.99000000</b>

Company: EnerVest Operating, LLC.

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

AFE #

Well Name: VCI-539006

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: 11/05/2018

Estimated Total Depth: 2,525 FT

AAPG Class: DEVELOPMENT

Participant(s): EnerVest Operating, LLC.

Amount: \$400,100

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	\$27,000	\$2,000	\$29,000
Reclamation & Damages	\$10,000	\$0	\$10,000
Surface Damages	\$0	\$0	\$0
Permit / Title Opinion / Survey / Insurance	\$8,000	\$0	\$8,000
Drilling - Dayrate	\$0	\$0	\$0
Drilling - Footage	\$44,200	\$0	\$44,200
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	\$18,000	\$18,000
S Rental Tools & Equipment (Drilling)	\$0	\$0	\$0
Open Hole Logging & Testing	\$2,800	\$5,000	\$7,800
Stimulation / Fracturing	\$0	\$100,000	\$100,000
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
<b>TOTAL INTANGIBLES</b>	<b>\$125,400</b>	<b>\$167,400</b>	<b>\$292,800</b>

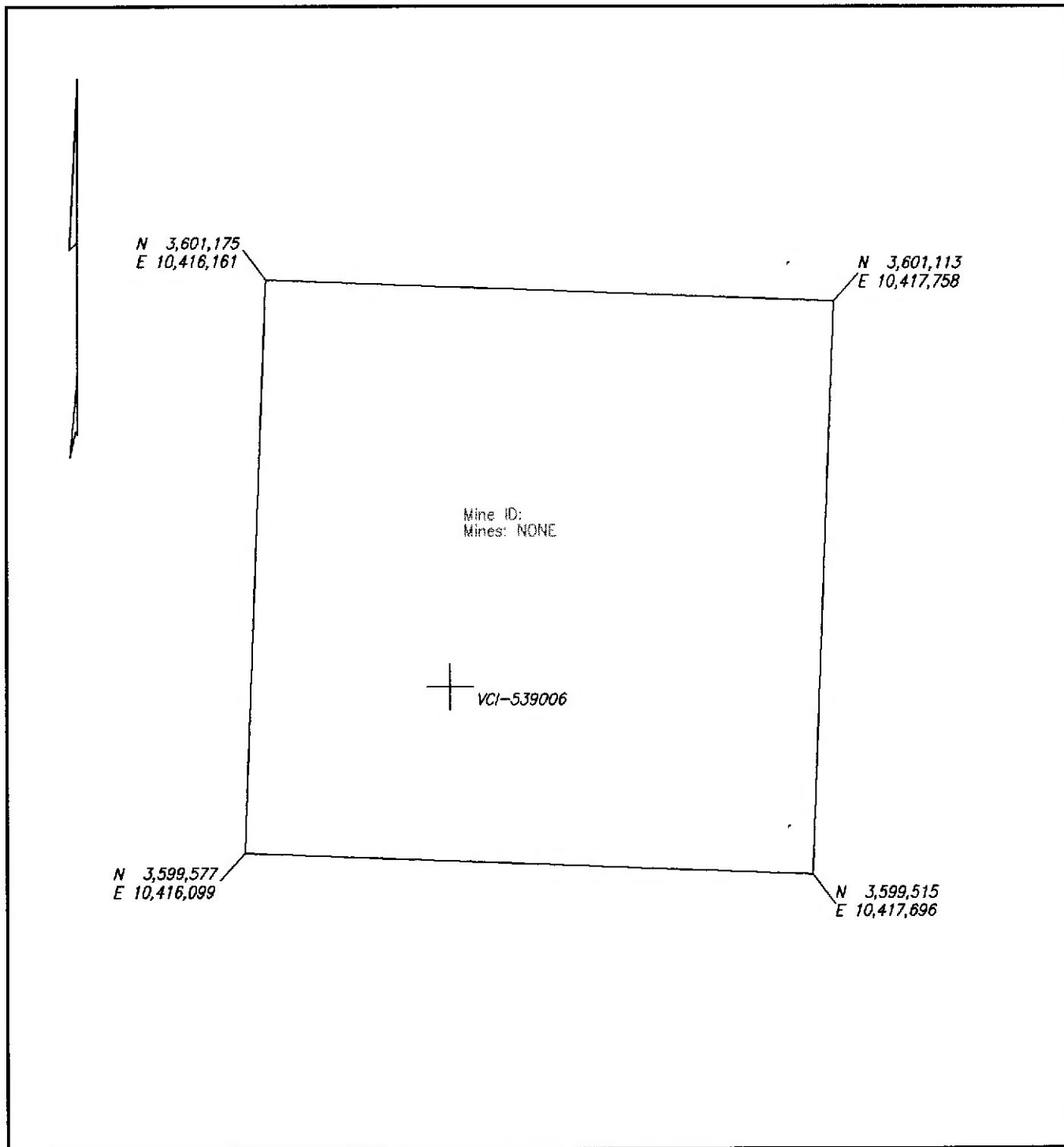
Description	Casing Point	Completion	Total Cost
T " Conductor Ft	\$1,100	\$0	\$1,100
A " 26 lb/ft LS Surface Csg Ft	\$3,900	\$0	\$3,900
N " 19 lb/ft LS Intermediate Csg Ft	\$0	\$0	\$0
G 4 1/2" 9.5 lb/ft M-65 Production Csg Ft	\$0	\$14,500	\$14,500
I Wellhead Equipment / Fittings	\$1,600	\$10,000	\$11,600
B 2-3/8 " 4.7 lb/ft J55 8rd Production Tubing Ft	\$0	\$9,000	\$9,000
L Rods / Stuffing Box	\$0	\$3,800	\$3,800
E Downhole Pump	\$0	\$1,700	\$1,700
S Electric Service & Equipment	\$0	\$22,000	\$22,000
Tank Battery	\$0	\$10,850	\$10,850
Flow Line labor/material	\$0	\$3,000	\$3,000
Valves & Fittings	\$0	\$0	\$0
Separator / Heater / Treater	\$0	\$5,800	\$5,800
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	\$8,050	\$8,050
Sales line labor/mat/row	\$0	\$12,000	\$12,000
Professional Services	\$0	\$14,000	\$14,000
<b>TOTAL TANGIBLES</b>	<b>\$6,600</b>	<b>\$114,700</b>	<b>\$107,300</b>

<b>GRAND TOTAL WELL COST</b>	<b>\$132,000</b>	<b>\$282,100</b>	<b>\$400,100</b>
Plugging & Abandonment	\$30,000		
<b>Production Costs :</b>	<b>\$400,100</b>	<b>Dry Hole Costs :</b>	<b>\$162,000</b>

Operations	<i>C.M. Randolph</i>	Date	<i>2/4/19</i>
Engineering	<i>Tom Gordon</i>	Date	<i>2/4/19</i>
Geology	<i>Jim Jones</i>	Date	<i>2/4/19</i>
Land	<i>Charles...</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.

Exhibit "L"  
VCI-539006  
Docket No. 19-0319-4201



WELL & MINE LOCATION MAP NORA GRID AO-78

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER VCI-539006  
QUADRANGLE Prater PERMIT NO. \_\_\_\_\_ SCALE 1" = 400' DATE 12-18-2018

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

## AFFIDAVIT

Comes now the affiant after being duly sworn does hereby swear and affirm as follows:

1. That the affiant is a resident of Washington County, Virginia and is over the age of 18 years.

2. That the affiant is employed as an associate landman by EnerVest Operating LLC which has an office located at 408 Main Street, Abingdon, Virginia.

3. That as a part of his duties as an associate landman with EnerVest Operating LLC, he assists in the preparation of pooling applications to be filed before the Virginia Gas & Oil Board, including the preparation of the ownership and parties respondent exhibits attached thereto.

4. That affiant participated in the preparation of the following EnerVest Operating, LLC pooling application now pending before the Virginia Gas & Oil Board to be heard on March 19, 2019, to wit:

VGOB 19-0319-4201-Well No. VCI-539006

5. That included within the boundary of the unit for which a pooling order is sought is a portion of tract commonly referred to as Yellow Poplar Lumber Tract No. 11 which contains 3,877.50 acres. The ownership of the oil and gas underlying same was the subject of declaratory judgment action filed in the United States District Court for the Western District of Virginia styled Plum Creek Timberlands, L.P. v. Yellow Poplar Lumber Company, Inc., Action No. 1:13cv00062 and was further subject to a bankruptcy proceeding styled In re: Yellow Poplar Lumber Company, Action No. 1:15cv00037. A plat depicting Yellow Poplar Lumber Company Tract No. 11 is attached as Exhibit B to this affidavit. A copy of the map which depicts the foregoing unit within Tract No. 11 is attached as Exhibit A to this affidavit.

6. That during the pendency of the foregoing actions, John M. Lamie, Esquire, was appointed as Trustee for Yellow Poplar Lumber Company to represent the interests of the unknown shareholders and creditors of the Yellow Poplar Lumber

Company which would include such interest in Tract No. 11. A copy of the order of appointment has been previously provided to the Board in prior applications.

7. That because the interest in the oil and gas in the unit for which the pooling application has been filed is unleased as to Yellow Poplar Lumber Company Tract No. 11, EnerVest Operating LLC filed the foregoing pooling application.

8. That as a result of the order appointment of John M. Lamie as trustee to represent the interests of the shareholders and creditors of Yellow Poplar Lumber Company, John M. Lamie, Esquire, Trustee for the Yellow Poplar Lumber Company, is listed as a party respondent on Exhibits B and B-3 to the listed pooling application.

9. That John M. Lamie, Esquire, Trustee for Yellow Poplar Lumber Company, is the proper party to be listed as a party respondent for the referenced application and to receive the notice of the filing thereof.

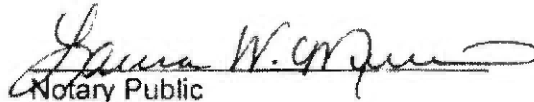
Further affiant sayeth not.



Aaron A. Anderson, Affiant

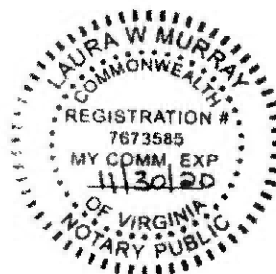
COMMONWEALTH OF VIRGINIA:  
COUNTY OF WASHINGTON:

The foregoing instrument was acknowledged before me this the 14<sup>th</sup> day of February, 2019, by Aaron A. Anderson, Associate Landman of EnerVest Operating, LLC, on behalf of the limited liability company.

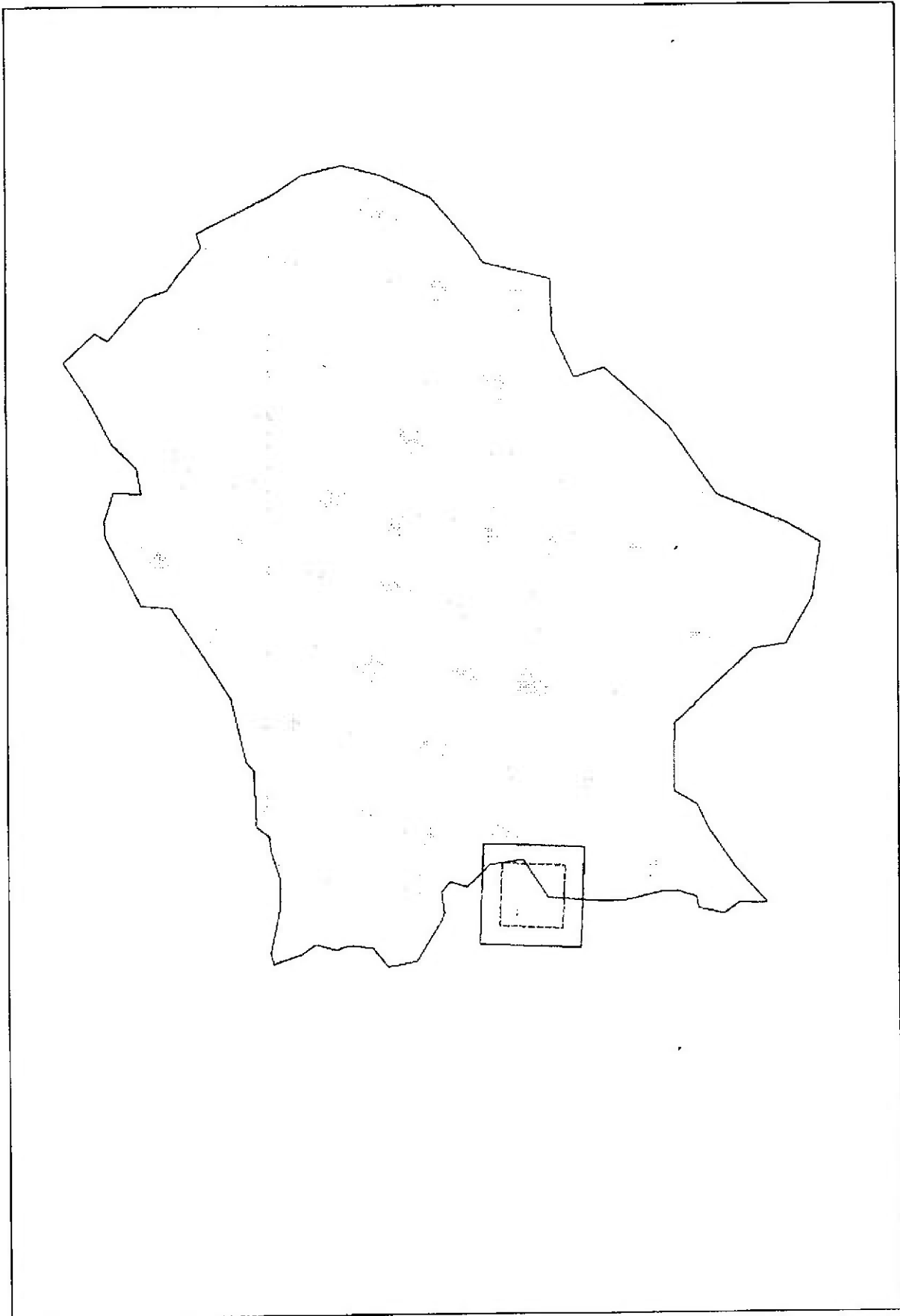
  
Notary Public

My Commission expires: 11/30/2020

Registration No.: 7673585



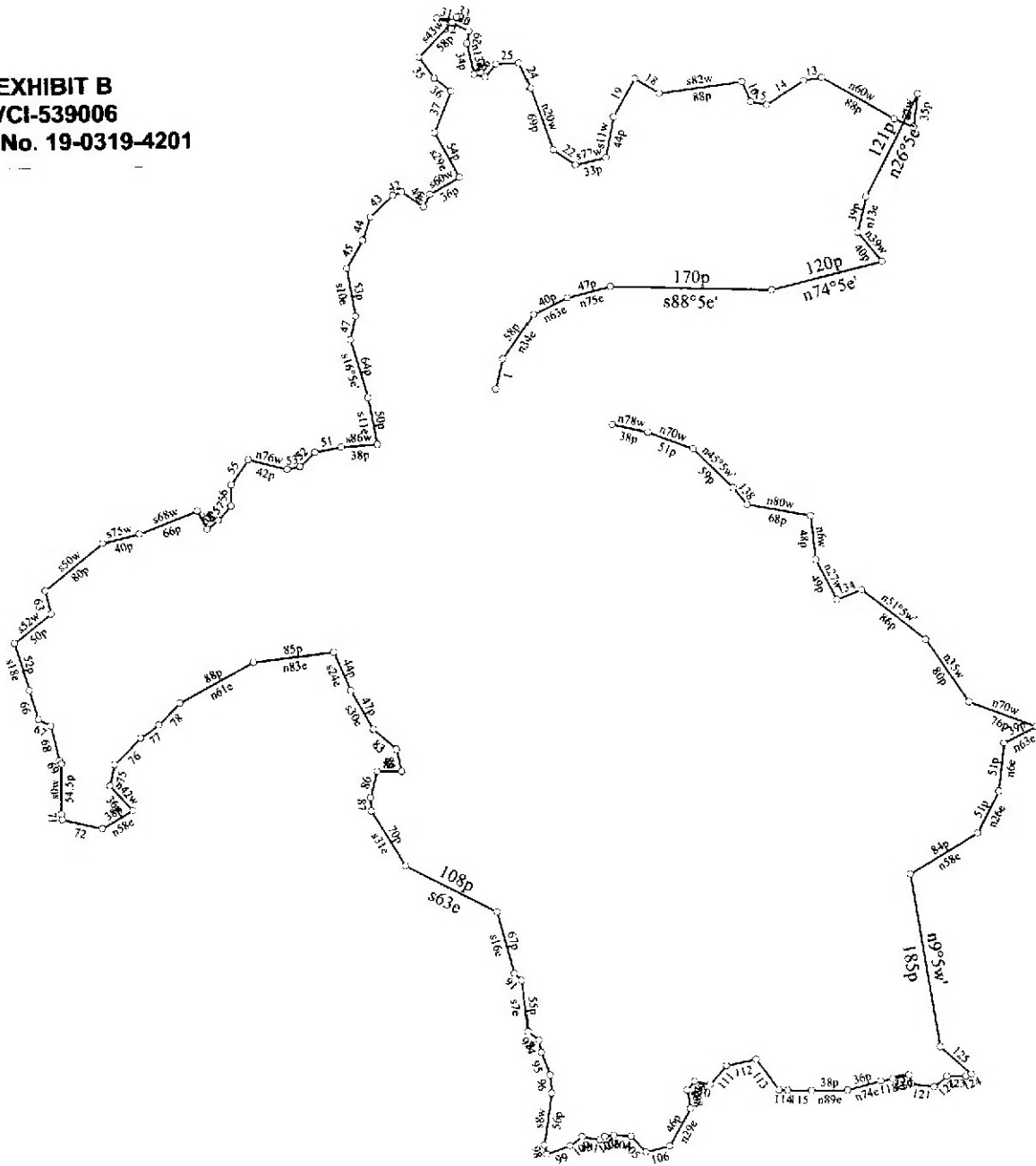
VCI-539006  
Docket No. 19-0319-4201



## Exhibit A

Former Yellow Poplar Tract with Proposed Wells and Units

**EXHIBIT B**  
**VCI-539006**  
**Docket No. 19-0319-4201**



Title: Excelsior C&L Co.>Yellow Pop. Lmbr Co.; 1/5/1906; 3,877.5ac	Date: 02-04-2008
Scale: 1 inch = 3000 feet	File: Yellow Poplar Lumber BCVDB 30-226 Tr. 11.des

Data and Deed Call Listing of File: Yellow Poplar Lumber BCVDB 30-226 Tr. 11.des

Tract 1: 3452.262 Acres: 150380512 Sq Feet: Closure = n73.1239w 2111.01 Feet: Precision =1/43: Perimeter = 90095 Feet

001=n12.5e 32.5p	058=s50w 15p	115=s88.5e 25p
002=n34e 58p	059=n28w 22.25p	116=n89e 38p
003=n63e 40p	060=s68w 66p	117=n74e 36p
004=n75e 47p	061=s75w 40p	118=n80e 13p
005=s88.5e 170p	062=s50w 80p	119=n76e 18p
006=n74.5e 120p	063=s14e 26p	120=s14e 10p
007=n39w 40p	064=s52w 50p	121=s82e 24p
008=n13e 39p	065=s18e 52p	122=n50e 18p
009=n26.5e 121p	066=s18e 32p	123=n90e 20p
010=s7w 35p	067=s62e 15p	124=n69e 6p
011=n68w 22.25p	068=s13.5e 37.5p	125=n47.5w 44p
012=n60w 88p	069=s35e 4p	126=n9.5w 185p
013=s80w 19p	070=s0w 54.5p	127=n58e 84p
014=s56.5w 47p	071=s7e 6p	128=n26e 51p
015=n78.5w 17p	072=s77e 43.75p	129=n6e 51p
016=n23w 23p	073=n58e 38p	130=n63e 39p
017=s82w 88p	074=n42w 36p	131=n70w 76p
018=n59w 30.5p	075=n12e 23p	132=n35w 80p
019=s28.5w 46p	076=n44.5e 39p	133=n51.5w 86p
020=s11w 44p	077=n54e 24p	134=s68w 28p
021=s77w 33p	078=n43.5e 32p	135=n27w 49p
022=n56w 28p	079=n61e 88p	136=n6w 48p
023=n20w 69p	080=n83e 85p	137=n80w 68p
024=n23.5w 30p	081=s24e 44p	138=n38.5w 23p
025=s86.5w 24p	082=s30e 47p	139=n45.5w 59p
026=s40w 18p	083=s49e 32p	140=n70w 51p
027=n76.5w 11.75p	084=s14e 24p	141=n78w 38p
028=n13w 34p	085=n90w 26p	
029=n10e 13p	086=s14w 29p	
030=n63w 20p	087=s4e 14.33p	
031=n73w 17p	088=s31e 70p	
032=s84e 30p	089=s63e 108p	
033=n65w 10p	090=s16e 67p	
034=s43w 58p	091=s46e 10.5p	
035=s35e 27.75p	092=s7e 55p	
036=s52e 22.5p	093=s52e 14p	
037=s21.5w 47p	094=s10e 13p	
038=s29e 54p	095=s21e 26.5p	
039=s60w 36p	096=s4e 20p	
040=s26w 15p	097=s8w 56p	
041=n55w 28p	098=s15e 10p	
042=s70w 10.5p	099=n70e 26p	
043=s45.5w 33p	100=n53e 16p	
044=s18w 26p	101=s81e 19p	
045=s28.5w 35p	102=n58e 6p	
046=s10e 53p	103=n81e 10p	
047=s12w 26p	104=s86e 18p	
048=s16.5e 64p	105=s43e 23p	
049=s11e 50p	106=n76e 26p	
050=s86w 38p	107=n29e 46p	
051=s79w 28p	108=n9.5w 20p	
052=s46w 22p	109=n38.5e 12p	
053=s78w 13.75p	110=s80e 17p	
054=n76w 42p	111=n40e 26.5p	
055=s34w 32p	112=n78e 32p	
056=s1w 23p	113=s35.5e 41p	
057=s41w 20p	114=s87.5e 9p	