

BEFORE THE VIRGINIA GAS AND OIL BOARD

Applicant:	EnerVest Operating, L.L.C.	)	
		)	
		)	
Relief Sought:	Pooling VCI-537504 Nora Grid BG-69	)	
	Nora Coalbed Gas Field	)	
Legal		)	
Description:		)	
	S.D. Sutherland T-390 Tract	)	Docket Number:
	117.90 acres, more or less	)	VGOB-16-1115-4102
	Ervinton District	)	
	Duty Quadrangle	)	
	Dickenson 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-537504 Nora Grid BG-69 under such plan in the lands involved herein so as to produce oil, gas and coalbed methane from the proposed unit.

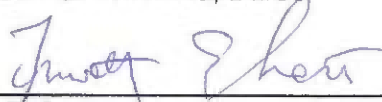
- (b) A Well work permit for well number VCI-537504 Nora Grid BG-69 is currently or is anticipated to be pending before the Department of Mines, Minerals and Energy.
- (c) Applicant has exercised due diligence to locate each of the oil, gas and coalbed methane interest owners named herein at Exhibit 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-537504 Nora Grid BG-69 should be pooled for the development and operation thereof.
- (d) Applicant proposes to drill at the permitted location to an approximate depth of 2,446 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 \$395,600.00 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 520 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-537504 Nora Grid BG-69, 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 14<sup>th</sup> day of October, 2016.

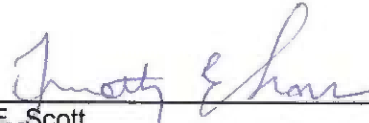
ENERVEST OPERATING, L.L.C



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-537504 Nora Grid BG-69 ) VGOB-16-1115-4102  
Nora Coalbed Gas Field )  
 )  
 )  
Legal Description: S.D. Sutherland T-390 Tract )  
117.90 acres, more or less )  
Ervinton District )  
Duty Quadrangle )  
Dickenson County, Virginia )

NOTICE OF HEARING

HEARING DATE: November 15, 2016  
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-537504 Nora Grid BG-69 as described on Exhibit "A" to the Application, which is attached to this Notice, in Dickenson 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-537504 Nora Grid BG-69, containing approximately 58.77 acres, located on the above-referenced tracts situated approximately 4,600 feet southeast of the intersection of Virginia State Route 600 and Big Spruce Pine Branch and approximately 4,480 feet northeast of Bucu in the Ervinton District, Duty Quadrangle of Dickenson 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

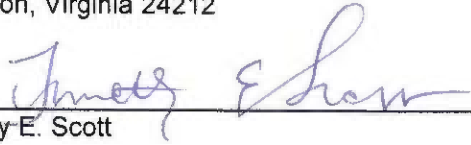
h. Granting such other relief as is merited by the evidence and is just and equitable, whether or not such relief has been specifically requested herein.

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 November 15, 2016**, 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 14<sup>th</sup> day of October, 2016.

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

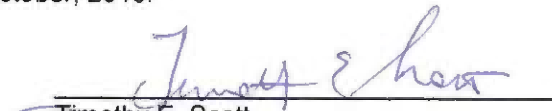
  
\_\_\_\_\_  
Timothy E. Scott

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 14<sup>th</sup> day of November, 2016, caused the foregoing notice and application to be served upon parties listed herein, at their address, by certified mail, return receipt requested.

Dated this 14<sup>th</sup> day of October, 2016.

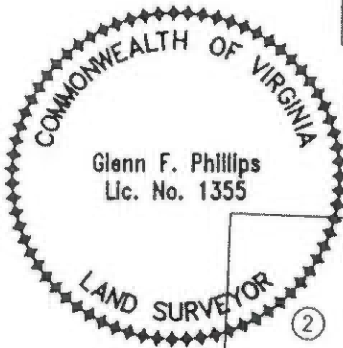
  
\_\_\_\_\_  
Timothy E. Scott  
MCKINNIS & SCOTT

175'

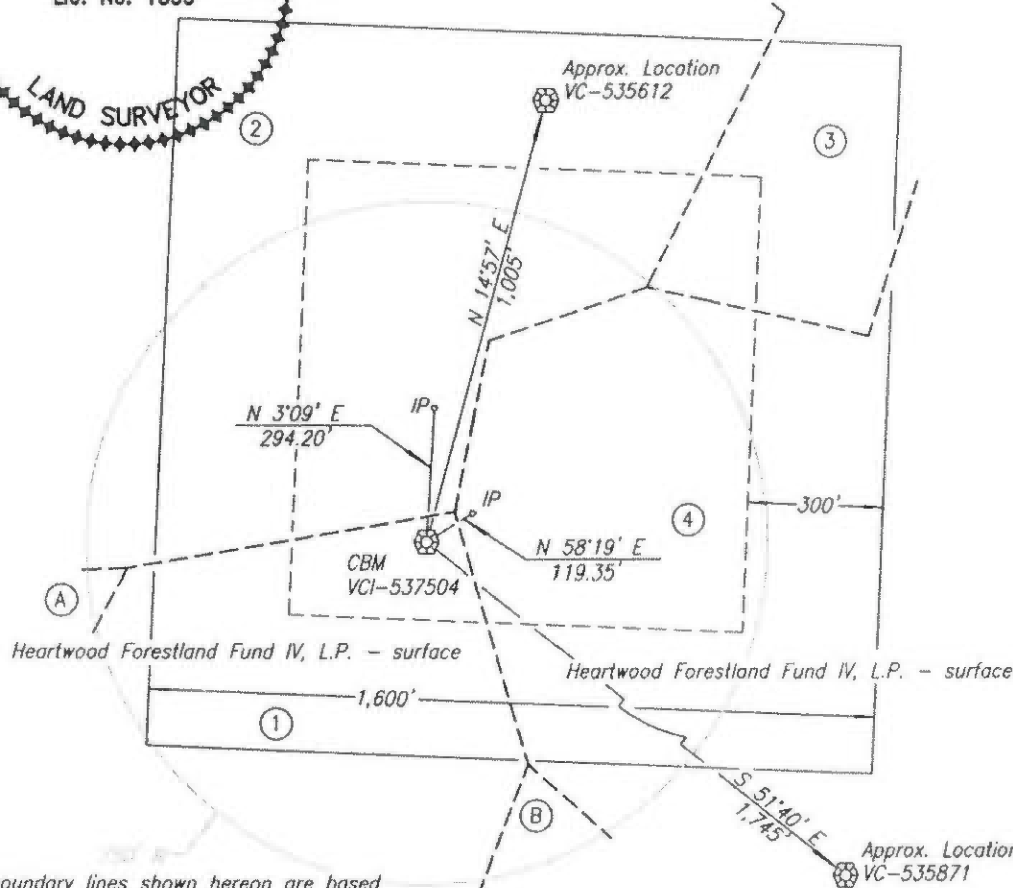
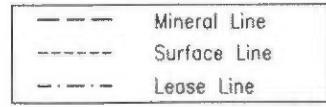
Well Coordinates: (Geographic N83)  
37.074155' -82.208791'

Well Coordinates: (UTM N27, Zone 17)  
N 13,463,118.90 E 1,287,837.49

Latitude 37° 05' 00"



Note: See Attached Tract  
Ownership Information Schedule



Gas 5.79 ac. 9.85%  
Longitude -82° 12' 30"

Note 1: The boundary lines shown hereon are based on deeds, plats maps of record, and certain lines shown on the well plat "EQT Production Co. ... VC-535612 ... 5-3-2004." They are not based upon a current field survey.

The undersigned hereby certifies that the final location is within ten (10') feet of the location shown on the well plat dated 9-15-2015.

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 3,571,807.12 E 10,401,205.57

Well Coordinates: (VA St. Plane S. Zone, NAD 27 Calculated from NAD 83 (1993))  
N 290,931.58 E 918,219.89

Well Coordinates: (Cinchfield Coal Co.)  
S 9,430.66 E 50,897.97

WELL LOCATION PLAT NORA GRID BG-69

COMPANY EnerVest Operation, LLC WELL NAME AND NUMBER VCI-537504  
TRACT NO. I-390 ELEVATION 2,259.70' QUADRANGLE Duty  
COUNTY Dickenson DISTRICT Ervinton SCALE 1" = 400' DATE 9-25-2016

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  
Licensed Professional Engineer or Licensed Land Surveyor

Exhibit A

**VCI-537504 PLAT**  
**TRACT OWNERSHIP INFORMATION SCHEDULE**  
9/25/2016

1 . T-390

S.D. Sutherland  
117.90 Acres  
ACIN LLC - coal (except for Jawbone & Tiller seams)  
Paramont Contura, LLC - coal lessee  
WBRD LLC - coal (except for Jawbone & Tiller seams)  
Dickenson -Russell Contura, LLC - coal lessee  
Mullins Land & Mineral - coal (Jawbone & Tiller seams only)  
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 8.19 Ac. 13.94%

2 . TC-219

J.H. Powers  
975.29 Acres  
ACIN LLC - coal (except for Jawbone & Tiller seams)  
Paramont Contura, LLC - coal lessee  
WBRD LLC - coal (except for Jawbone & Tiller seams)  
Dickenson -Russell Contura, LLC - coal lessee  
Mullins Land & Mineral - coal (Jawbone & Tiller seams only)  
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. 244427L  
Clarence Truax Jr. & Debra Truax - surface, oil & gas  
63.96 Acres  
Gas 24.71 Ac. 42.04%

3 . T-408

E. Sutherland  
382.22 Acres  
ACIN LLC - coal (except for Jawbone & Tiller seams)  
Paramont Contura, LLC - coal lessee  
WBRD LLC - coal (except for Jawbone & Tiller seams)  
Dickenson -Russell Contura, LLC - coal lessee  
Mullins Land & Mineral - coal (Jawbone & Tiller seams only)  
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.  
B.S. Powers Heirs - surface, oil & gas (CBM)  
53.15 Acres  
Gas 5.79 Ac. 9.85%

4 . T-408

E. Sutherland

382.22 Acres

ACIN LLC - coal (except for Jawbone & Tiller seams)

Paramont Contura, LLC - coal lessee

WBRD LLC - coal (except for Jawbone & Tiller seams)

Dickenson -Russell Contura, LLC - coal lessee

Mullins Land & Mineral - coal (Jawbone & Tiller seams only)

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 20.08 Ac. 34.17%

A . TC-220

ACIN LLC - 48% coal (except for Jawbone & Tiller seams)

Paramont Contura, LLC - coal lessee

WBRD LLC - 48% coal (except for Jawbone & Tiller seams)

Dickenson -Russell Contura, LLC - coal lessee

Mullins Land & Mineral - coal (Jawbone & Tiller seams only)

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)

Z.T. Sutherland Heirs - 52% coal (except for Jawbone & Tiller seams)

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. 241838L

Norma K. Sutherland, et al - surface, oil & gas

28.5 Acres

B . T2-223

E. Sutherland

178.67 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

**Exhibit "B"**

VCI-537504

Docket No: VGOB-16-1115-4102

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: Jim McKinney 408 West Main Street Abingdon, VA 24210 Tax # Minerals Only	Owner	13.94000000	8.19000000
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	42.04000000	24.71000000
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	9.85000000	5.79000000
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 # 20571	Owner	34.17000000	20.08000000
<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		58.77000000		
Acreage in Unit Unleased		0.00000000		

**Exhibit "B"**

**VCI-537504**

*Docket No: VGOB-16-1115-4102*

Tract	Lessor	Lease Status	Interest Within	Gross Acreage
<b>Gas Estate Only</b>				
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	13.94000000	8.19000000
2	Clarence W. Truax, Jr. & Debra June Truax 238 Bugle Hill Lane Luray, VA 22835 Tax # 2084	Leased	42.04000000	24.71000000
3	Tax # 3505 Elizabeth Ann Powers 1972 Rose Ridge Road Clintwood, VA 24228	Unleased	2.46250000	1.44750000
	Darrell Wayne Powers P.O. Box 199 Clinchco, VA 24226	Unleased	2.46250000	1.44750000
	Gaynell Sykes & Claire Sykes 4845 Glen Ivy Lane SW #318 Roanoke, VA 24018	Unleased	2.46250000	1.44750000
	Jerry Wayne Powers 337 Whispering Woods Bluff City, TN 37618	Leased Life Estate	0.00000000	0.00000000
	Rebecca Powers Sydnor 975 Dixie Road Greeneville, TN 37743	Leased Remainderman	2.46250000	1.44750000
<b>TRACT 3 TOTALS</b>			<b>9.85000000</b>	<b>5.79000000</b>
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 # 20571		34.17000000	20.08000000
<b>TOTAL GAS ESTATE</b>			<b>100.00000000</b>	<b>58.77000000</b>
	Percentage of Unit Leased		92.61250000	
	Percentage of Unit Unleased		7.38750000	
	Acreage in Unit Leased		54.42750000	
	Acreage in Unit Unleased		4.34250000	

**Exhibit "B-3"**

**VCI-537504**

*Docket NO: VGOB-16-1115-4102*

<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>				
3	Tax # 3505 Elizabeth Ann Powers 1972 Rose Ridge Road Clintwood, VA 24228	Unleased	2.46250000	1.44750000
	Darrell Wayne Powers P.O. Box 199 Clinchco, VA 24226	Unleased	2.46250000	1.44750000
	Gaynell Sykes & Claire Sykes 3719 Grandin Road Roanoke, VA 24018	Unleased	2.46250000	1.44750000
<b>TOTAL GAS ESTATE</b>			<b>7.38750000</b>	<b>4.34250000</b>

Company: EnerVest Operating, LLC.

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

AFE # 2016DD0180	
Well Name: VCI-537504	
Location: DICKENSON, 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: 7/12/2016
Estimated Total Depth: 2,446 FT	AAPG Class: DEVELOPMENT
Participant(s): EnerVest Operating, LLC.	W.I. 100% Amount: \$395,600

Description	Casing Point	Completion	Total Cost
Leasehold Costs	\$0	\$0	\$0
Permit / Title Opinion / Survey / Insurance	\$3,500	\$0	\$3,500
Building Location/Materials	\$35,500	\$5,000	\$40,500
Roads / Stone / Culverts	\$15,000	\$0	\$15,000
Surface Damages	\$4,000	\$0	\$4,000
Drilling - Footage	\$41,800	\$0	\$41,800
Drilling - Mobilization	\$0	\$0	\$0
Drilling - Dayrate	\$8,000	\$0	\$8,000
Mud & Chemicals (Drilling)	\$0	\$0	\$0
Fuel	\$0	\$0	\$0
Cement Services	\$15,000	\$0	\$15,000
Open Hole Logging & Testing	\$3,700	\$0	\$3,700
Trucking / Dozer (Drilling)	\$2,000	\$0	\$2,000
Rental Tools & Equipment (Drilling)	\$2,000	\$0	\$2,000
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)	\$3,300	\$0	\$3,300
Location Rds/Stone/Culverts	\$0	\$3,000	\$3,000
Trucking / Dozer (Completion)	\$0	\$5,000	\$5,000
Technical Supervision (Completion)	\$0	\$0	\$0
Cased Hole Logging / Perforating	\$0	\$11,100	\$11,100
Stimulation / Fracturing	\$0	\$70,000	\$70,000
Completion Rig	\$0	\$11,000	\$11,000
Reclamation & Damages	\$12,000	\$0	\$12,000
Haul Pit Water / Disposal	\$2,000	\$5,000	\$7,000
Cement Production Casing	\$0	\$9,000	\$9,000
Rental Tools & Equipment (Completion)	\$0	\$8,000	\$8,000
Fresh Water Hauling (Completion)	\$0	\$7,500	\$7,500
Roustabout Labor	\$2,000	\$5,000	\$7,000
Environmental & Safety	\$1,500	\$500	\$2,000
<b>TOTAL INTANGIBLES</b>	<b>\$152,300</b>	<b>\$141,100</b>	<b>\$293,400</b>

Description	Casing Point	Completion	Total Cost	
* Conductor	FI	\$800	\$0	\$800
* 26 lb/R LB Surface Csg	FI	\$3,900	\$0	\$3,900
* 19 lb/R LB Intermediate Csg	FI	\$5,600	\$0	\$5,600
4 1/2" 9.5 lb/R M-65 Production Csg	FI	\$0	\$10,600	\$10,600
4 1/2" 10.5 lb/R M-65 Production Csg	FI	\$0	\$0	\$0
2-3/8" 4.7 lb/R J55 6rd Production Tubing	FI	\$0	\$5,100	\$5,100
Wellhead Equipment / Fittings		\$4,500	\$11,000	\$15,500
Tank Battery		\$0	\$7,500	\$7,500
Separator / Heater / Treater		\$0	\$5,000	\$5,000
Gas Lift Equipment		\$0	\$0	\$0
Rods / Stuffing Box		\$0	\$4,200	\$4,200
Downhole Pump		\$0	\$1,800	\$1,800
Pumping Unit / Motor		\$0	\$10,000	\$10,000
Electric Service & Equipment		\$0	\$23,000	\$23,000
Valves & Fittings		\$0	\$0	\$0
Flow Line labor/material		\$0	\$3,900	\$3,900
Sales line labor/material		\$0	\$6,200	\$6,200
<b>TOTAL TANGIBLES</b>		<b>\$14,800</b>	<b>\$87,400</b>	<b>\$102,200</b>

<b>GRAND TOTAL WELL COST</b>	<b>\$167,100</b>	<b>\$228,500</b>	<b>\$395,600</b>
Plugging & Abandonment		\$30,000	
<b>Production Costs :</b>	<b>\$395,600</b>	<b>Dry Hole Costs :</b>	<b>\$197,100</b>

Operations	<i>[Signature]</i>	Date	10/14/16
Engineering	<i>[Signature]</i>	Date	10-11-16
Geology	<i>[Signature]</i>	Date	10/11/16
Leak	<i>[Signature]</i>	Date	10/11/16

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 UNUSUAL RISK-OF-WAY PROBLEMS.

BEFORE THE VIRGINIA GAS AND OIL BOARD

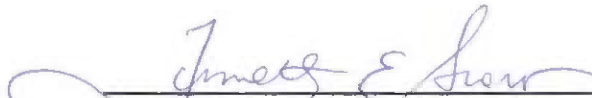
Applicant:	EnerVest Operating, L.L.C.	)	
		)	
Relief Sought:	Well No. VCI-537504-Nora Grid BG-69	)	Docket No.
	Pooling	)	VGOB-16-1115-4102
		)	
		)	

AFFIDAVIT OF MAILING  
(CERTIFICATE OF SERVICE)

STATE OF TENNESSEE )  
COUNTY OF SULLIVAN )

Timothy E. Scott, of lawful age, being duly sworn, upon oath, deposes and says:

- (1) He is a partner with MCKINNIS & SCOTT, Agent for EnerVest Operating, L.L.C. and makes this affidavit on behalf of EnerVest Operating, L.L.C.
- (2) Based upon information and belief, the names and last-known addresses where such addresses are known, of the parties owning an interest in the coal, oil and gas in this cause are set forth and attached hereto.
- (3) On the 14<sup>th</sup> day of October, 2016, the affiant caused to be mailed the application, notice of hearing and all exhibits thereto for the referenced matter by placing same in the United States mail in Kingsport, Tennessee, certified mail, return receipt requested, postage prepaid, duly addressed to the parties at their respective addresses as set forth in the attached Exhibit B which is hereby made a part of this Affidavit.
- (4) Notice of this cause has therefore been served by mail pursuant to the applicable statutes and rules of the Board.

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

SUBSCRIBED AND SWORN TO before me this 8<sup>th</sup> day of November, 2016.

  
\_\_\_\_\_  
Notary Public

My commission expires: 7-18-2017

[f:\msword:\enervest\Pooling Well no. VCI-537504.affidavit.mailing]



**Exhibit "B-3"**

**VCI-537504**

Docket NO: VGOB-16-1115-4102

Tract	Lessor	Lease Status	Interest Within Unit	Gross Acreage in Unit
<b>Gas Estate Only</b>				
3	Tax # 3505 Elizabeth Ann Powers 1972 Rose Ridge Road Clintwood, VA 24228	Unleased 70133020000188245871 10/25	2.46250000	1.44750000
	Darrell Wayne Powers P.O. Box 199 Clinchco, VA 24226	Unleased 70133020000188245884 10/17	2.46250000	1.44750000
	Gaynell Sykes & Claire Sykes 3719 Grandin Road Roanoke, VA 24018	Unleased 70133020000188245895 10/22	2.46250000	1.44750000
<b>TOTAL GAS ESTATE</b>			<b>7.38750000</b>	<b>4.34250000</b>

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Elizabeth Ann Powers**  
 1972 Rose Ridge Road  
 Clintwood, VA 24228

2. Article Number  
 (Transfer from service label) 7013 3020 0001 8824 5871

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-15

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

**Gaynell Sykes and**  
**Claire Sykes**  
 445 Glen Ivy Lane SW #318  
 Roanoke, VA 24018

Article Number  
 (Transfer from service label) 7013 3020 0001 8824 5895

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-15-00

COMPLETE THIS SECTION ON DELIVERY

A. Signature  
 Received by (Printed Name) C. Date of Delivery  
 10/22/16

B. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent  
 Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

OCT 25 2016

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

Article Number  
 (Transfer from service label) 7013 3020 0001 8824 5871

Domestic Return Receipt

102595-02-M-15

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Darrell Wayne Powers**  
 P. O. Box 199  
 Clinchco, VA 24226

2. Article Number  
 (Transfer from service label) 7013 3020 0001 8824 5888

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-15

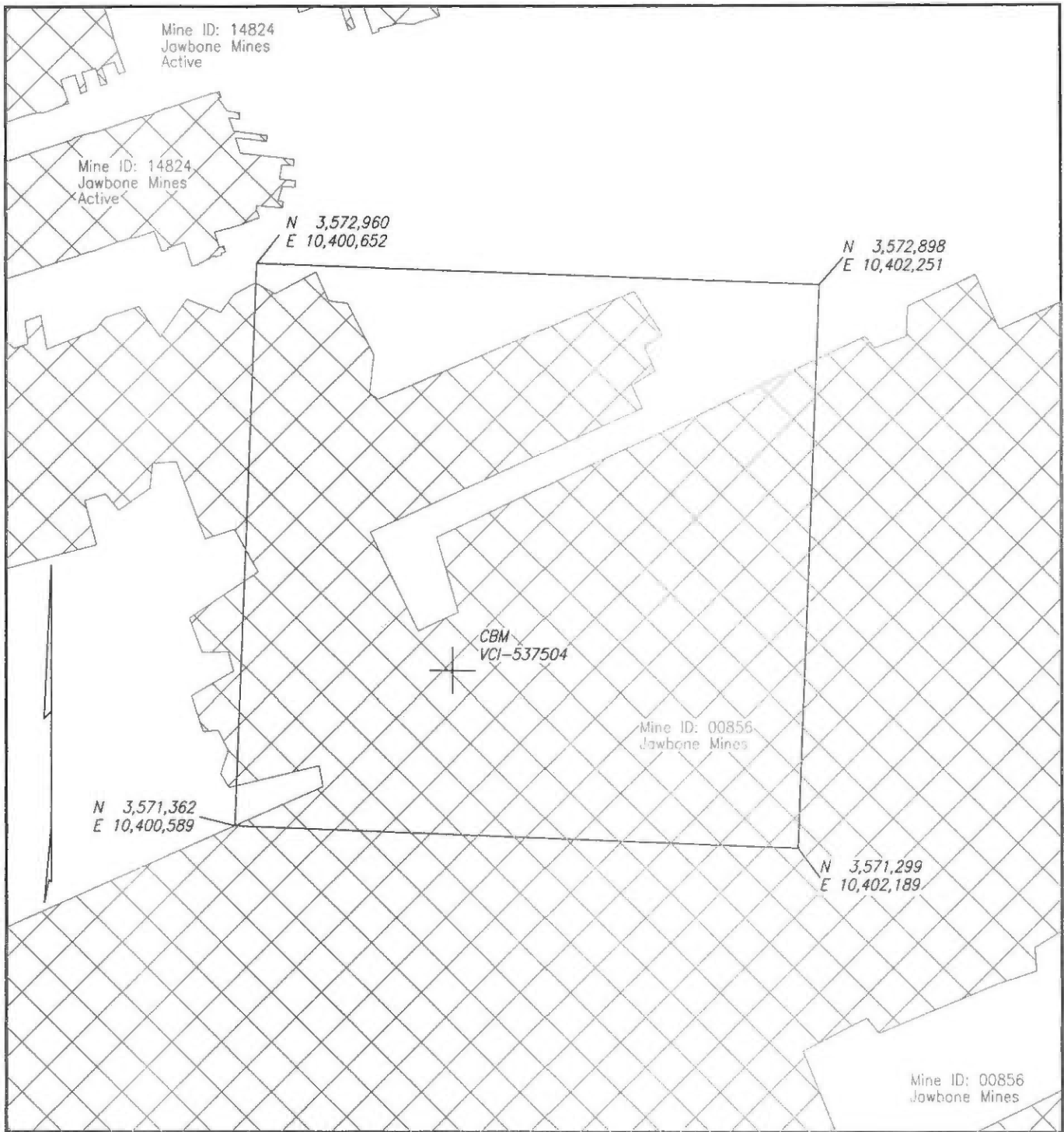
COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent  
 Received by (Printed Name) C. Date of Delivery  
 DARRELL W. POWERS 10/17/16

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

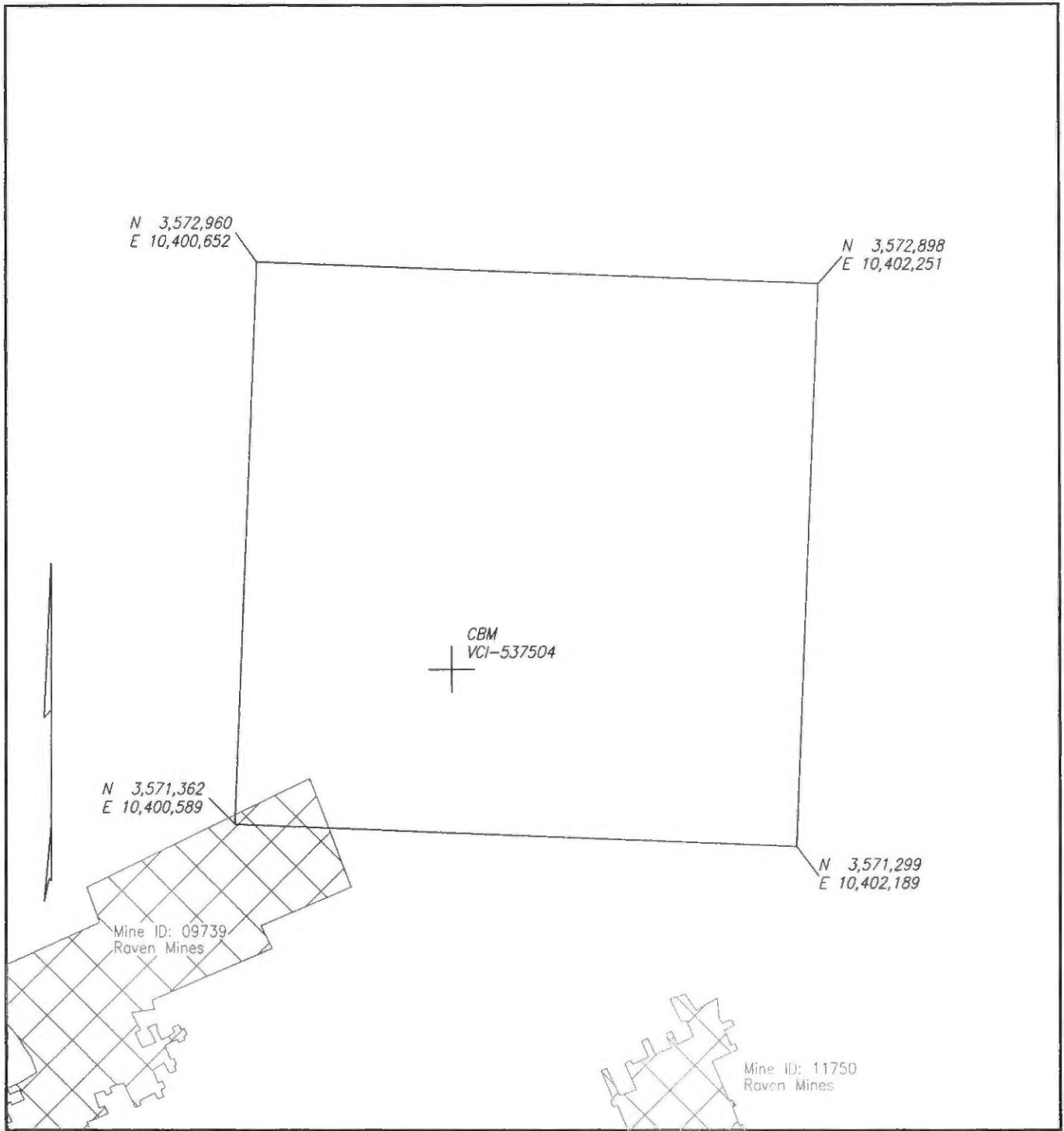
4. Restricted Delivery? (Extra Fee)  Yes



WELL & MINE LOCATION MAP NORA GRID BG-69

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER VCI-537504  
 QUADRANGLE Duty PERMIT NO. \_\_\_\_\_ SCALE 1" = 400' DATE 9-17-2015

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



WELL & MINE LOCATION MAP NORA GRID BG-69

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER VCI-537504  
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