

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT:	<b>EnerVest Operating, LLC</b>	)	VIRGINIA GAS
		)	AND OIL BOARD
RELIEF SOUGHT	<b>EXCEPTION TO STATEWIDE SPACING</b>	)	
	LIMITATIONS PRESCRIBED BY	)	DOCKET NO.
	VA. CODE § 45.1-361.17 (a) (2)	)	<b><u>VGOB-17-1121-4149</u></b>
	FOR <b><u>WELL NO. V-530331</u></b>	)	

LEGAL DESCRIPTION:

DRILLING UNIT SERVED BY WELL  
 NUMBERED **V-530331**  
 TO BE DRILLED IN THE LOCATION  
 DEPICTED ON **EXHIBIT A** HERETO,  
**H. G. Wampler T-451 Tract**  
 1,868.00 acres, more or less  
**DUTY QUADRANGLE**  
**ERVINTON DISTRICT**  
**DICKENSON COUNTY, VIRGINIA**  
 (the "Subject Lands" are more particularly described  
 on **Exhibit "A"**, attached hereto and made a part  
 hereof)

REPORT OF THE BOARD

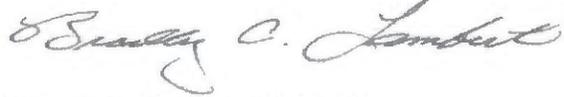
FINDINGS AND ORDER

1. Hearing Date and Place: This matter came on for hearing before the Virginia Gas and Oil Board (hereafter "Board") at **9:00 a.m. on November 21, 2017** at the Russell County Conference Center, 139 Highland Drive, Lebanon, Virginia.
2. Appearances: **Timothy E. Scott of McKinnis & Scott**, appeared for the Applicant.
3. Jurisdiction and Notice: Pursuant to Va. Code §§ 45.1-361.1 *et seq.*, the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a meaningful search of reasonably available sources to determine the identity and whereabouts of each gas and oil owner, coal owner, or mineral owner having an interest in Subject Drilling Unit underlying and comprised of Subject Lands; and (2) represented to the Board that it has given notice to those parties (hereafter sometimes "person(s)" whether referring to individuals, corporations, partnerships associations, companies, businesses, trusts, joint ventures or other legal entities) entitled by Va. Code § 45.1-361.19 to notice of this application. Further, the Board has caused notice of this hearing to be published as required by Va. Code § 45.1-361.19.B. Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of state due process.

4. Amendments: None.
5. Dismissals: None.
6. Relief Requested: Applicant requests an exception to the statewide spacing limitations set forth in Va. Code § 45.1-361.17 for Well No. V-530331.
7. Relief Granted: The requested relief in this cause shall be and hereby is granted. The Board hereby grants Applicant consent to permit and drill proposed Well No. V-530331 which is **2,368 feet from EnerVest Well No. V-530200**; and **2,442 feet from EnerVest Well No. V-537709** at the location depicted on the Plat attached hereto as **Exhibit A**.
8. Special Findings: The Board specifically and specially finds:
  - 8.1 Applicant is EnerVest Operating, LLC. Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;
  - 8.2 Applicant EnerVest Operating, LLC, is an operator in the Commonwealth of Virginia and has satisfied the Board's requirements for operations in Virginia;
  - 8.3 Applicant claims ownership of Conventional Gas Leases of Subject Drilling Unit and the right to explore for, develop and produce Gas from Well No. V-530331 as well as the right to participate and develop the reciprocal wells, being EnerVest Operating, LLC Well Nos. V-530200 and V-537709.
  - 8.4 The proposed Well No. V-530331 is located on the H.G. Wampler 1,868-acre T-451 Tract and the surface, coal, gas and oil owners have consented to the proposed location for Well No. V-530331 that is depicted on the Plat attached hereto as **Exhibit A**;
  - 8.5 The Applicant testified it has the right to operate and participate in the development of the reciprocal EnerVest Operating, LLC, Well Nos. V-530200 and V-537709 and that the granting of the application filed herein will not impact the correlative rights of any person;
  - 8.6 An exception to the well spacing requirements of Va. Code § 45.1-361.17 for Well No. V-530331 is necessary to efficiently drain a portion of the common sources of supply (reservoir) underlying Subject Drilling Unit, and the Board's granting of the requested location exception is in the best interest of preventing the waste of **400** million cubic feet of Conventional Gas underlying the Subject Drilling Unit, and to generally effect the purposes of the Virginia and Oil Act;
  - 8.7 Applicant proposes the drilling of Well No. V-530331 to a depth of **7,721** feet on the Subject Drilling Unit at the location depicted on Exhibit A to produce all the Mississippian and Devonian Age formations including, but not limited to, Ravencloiff, Maxon, Big Lime, Weir, Berea and Devonian Shale, from surface to total depth drilled, **7,721** feet ("Subject Formations");
  - 8.8 Applicant proposes to drill Well No. V-530331 a distance of **114.00 feet closer to EnerVest No. V-530200**; and a distance of **58.00** closer to EnerVest Well No. V-537709 than the 2500 feet mandated by statewide spacing;

- 8.9 Applicant proposes to complete and operate Well No. V-530331 for the purpose of producing Conventional Gas;
9. Conclusion: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and **IT IS SO ORDERED.**
10. Appeals: Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court. Such appeals must be taken in the manner prescribed in the Administrative Process Act, Va. Code Ann. § 9-6.14:1 *et seq.* and Rule 2A of the Rules of the Virginia Supreme Court.
11. Effective Date: This Order shall be effective as of the date of the Board's approval of this Application, which is set forth at Paragraph 1 above.

DONE AND EXECUTED this 11 day of December, 2017 by a majority of the Virginia Gas and Oil Board.



Chairman, Bradley C. Lambert

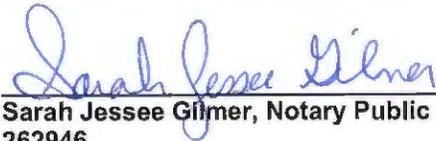
DONE AND PERFORMED this 11 day of December, 2017 by Order of the Virginia Gas and Oil Board.



Rick Cooper  
Principal Executive to the  
staff, Virginia Gas and Oil Board

COMMONWEALTH OF VIRGINIA  
COUNTY OF RUSSELL

Acknowledged on this 11th day of December, 2017, personally before me a notary public in and for the Commonwealth of Virginia, appeared Bradley C. Lambert, being duly sworn did depose and say that he is the Chairman of the Virginia Gas and Oil Board and appeared Rick Cooper, being duly sworn did depose and say that he is Principal Executive to the staff of the Virginia Gas and Oil Board, that they executed the same and was authorized to do so.

  
\_\_\_\_\_  
Sarah Jessee Gilmer, Notary Public  
262946

My Commission expires: July 31, 2021



DB 552 PG 665 9,300'

Well Coordinates: (Geographic N27)  
37.053239° -82.240214°

Latitude 37° 05' 00"

--- Mineral Line  
- - - Surface Line

Longitude 82° 12' 30"

10,970'

1250'R

Lease No. 906889 / T-451  
H. G. Wampler  
1,868.00  
ACIN LLC - coal  
Alpha Land & Reserves LLC - coal lessee  
WBRD LLC - coal  
Dickenson-Russell Coal Company LLC - coal lessee  
Range Resources-Pine Mountain, Inc. - oil, gas & CBM  
Gas 112.69 Ac. 100.00%

Heartwood Forestland Fund IV, L.P. - surface

☀ CBM  
VC-536338

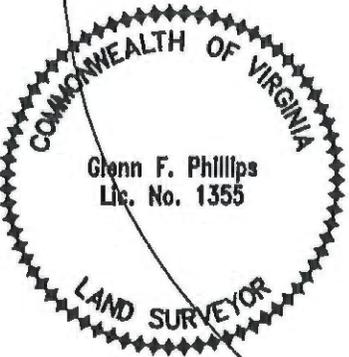
IP° N 35°05' W  
148.46'

V-530331

IP S 89°18' E  
157.34'

Va. Rte. 660

Va. Rte. 699



S 00°7' E  
2442'

☀ V-537709

Area of Unit = 112.69 Ac.

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

Well Coordinates: (VA St. Plane S. Zone, NAD 83)  
N 3,564,596.77 E 10,391,785.61

Well Coordinates: (VA St. Plane S. Zone, NAD 27 Calculated from NAD 83)  
N 283,721.80 E 908,800.14

Well Coordinates: (Clinchfield Coal Co.)  
S 17,006.58 E 41,773.78

WELL LOCATION PLAT NORA GRID BL-63

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER V-530331  
TRACT NO. Lease No. 906889 / T-451 ELEVATION 2,838.60' QUADRANGLE Duty  
COUNTY Dickenson DISTRICT Ervinton SCALE 1" = 400' DATE 12-13-2011

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

**Exhibit "B"**  
**V-530331**  
**VGOB-17-1121-4149**

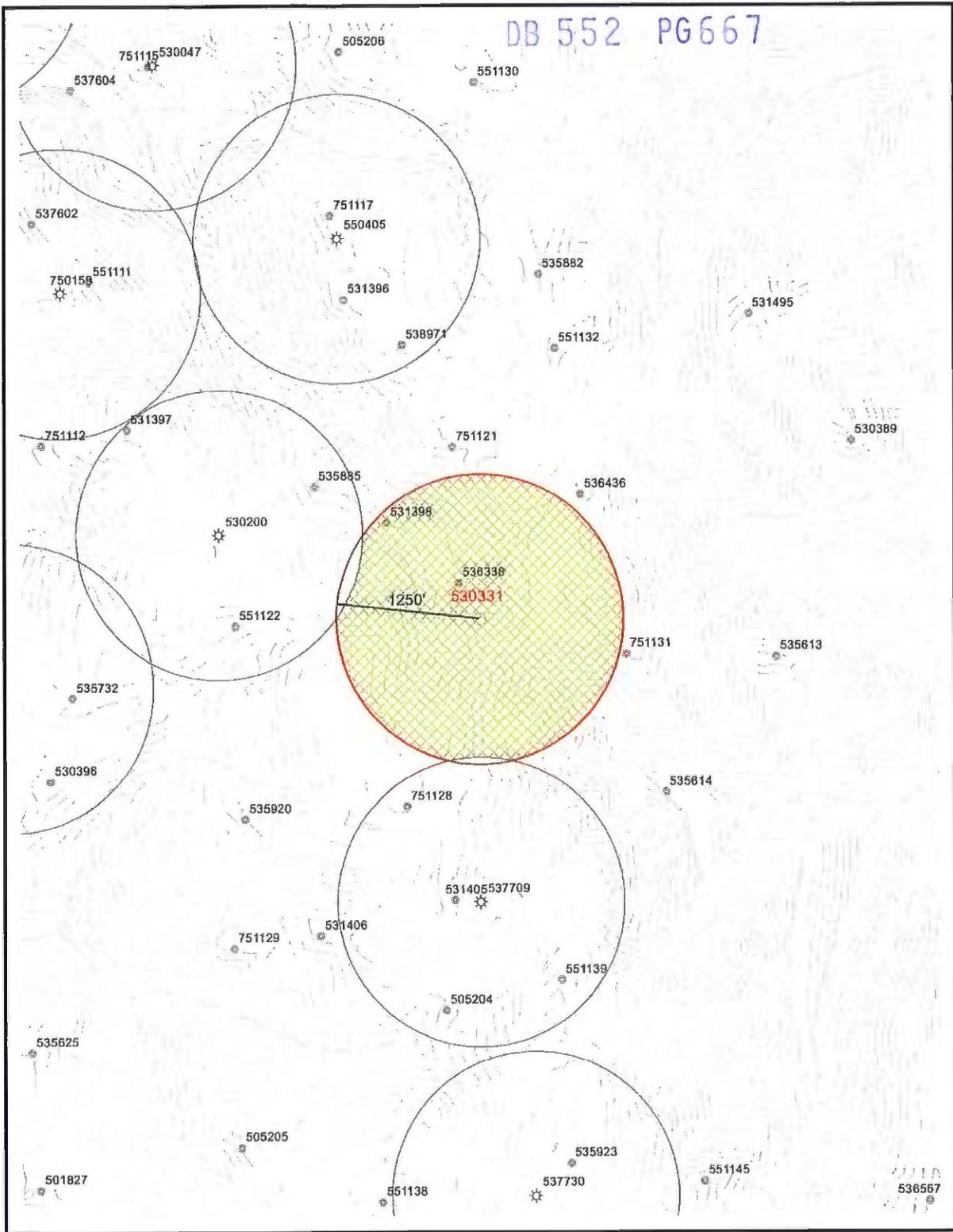
**DEPTH - 7,271'**

Dickenson-Russell Contura, LLC  
Attn: Steve Smith  
5703 Crutchfield Drive  
Norton, VA 24273

Paramont Contura, LLC  
Attn: Steve Smith  
5703 Crutchfield Drive  
Norton, VA 24273

WBRD LLC  
Chad Mooney  
5260 Irwin Road  
Huntington, WV 25705-3247

ACIN LLC  
Chad Mooney  
5260 Irwin Road  
Huntington, WV 25705-3247

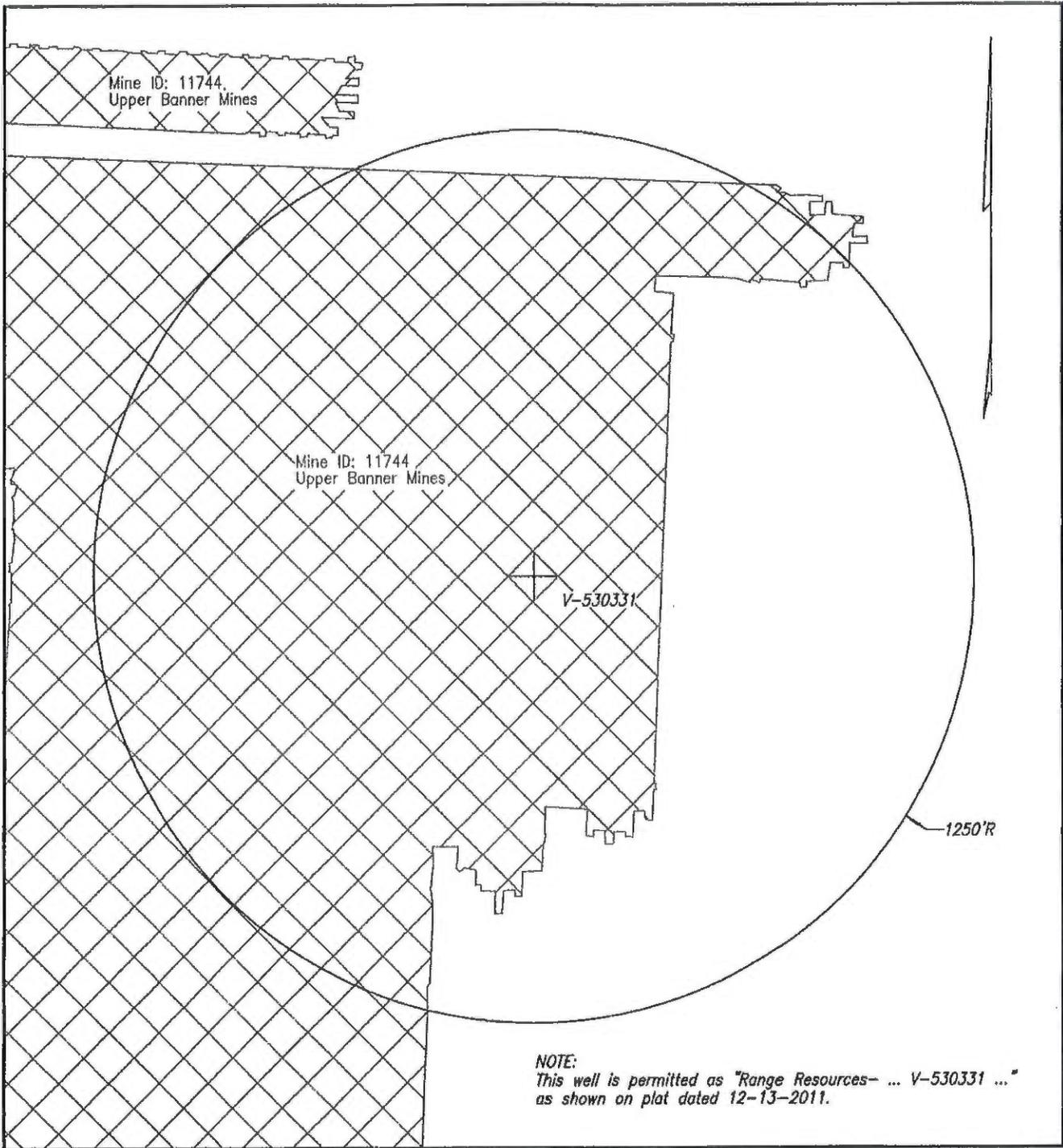


# Exhibit K

EnerVest Operating, LLC.

## 530331 LOCATION EXCEPTION EXHIBIT

Quad: Duty	Date: 9/12/2017	Drainage Area = 110.90	Scale: 1 inch = 1,000 feet
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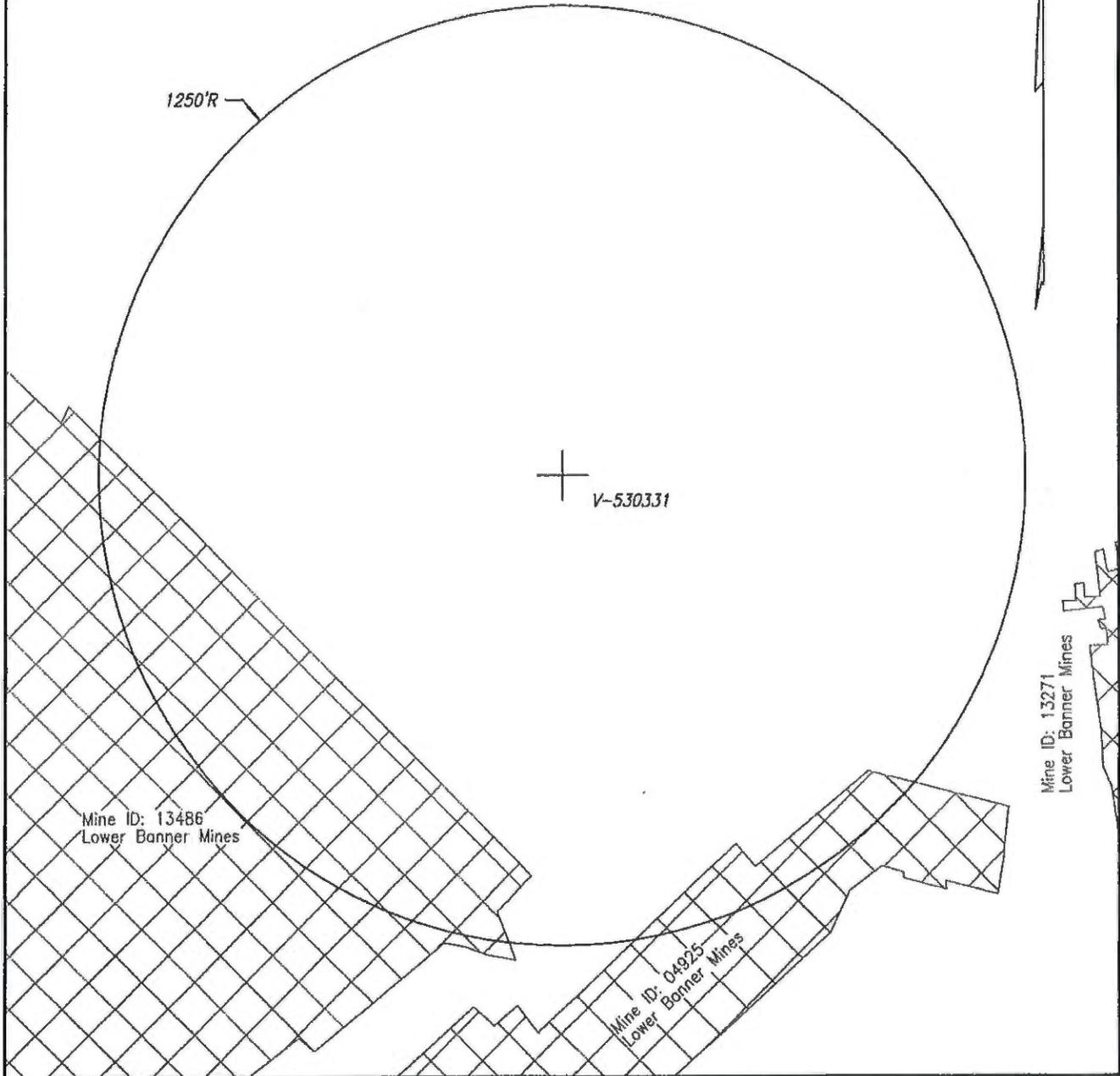


WELL & MINE LOCATION MAP NORA GRID BL-63

COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER V-530331  
 QUADRANGLE Duty PERMIT NO. \_\_\_\_\_ SCALE 1" = 400' DATE 9-12-2017

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

NOTE:  
This well is permitted as "Range Resources- ... V-530331 ..."  
as shown on plat dated 12-13-2011.

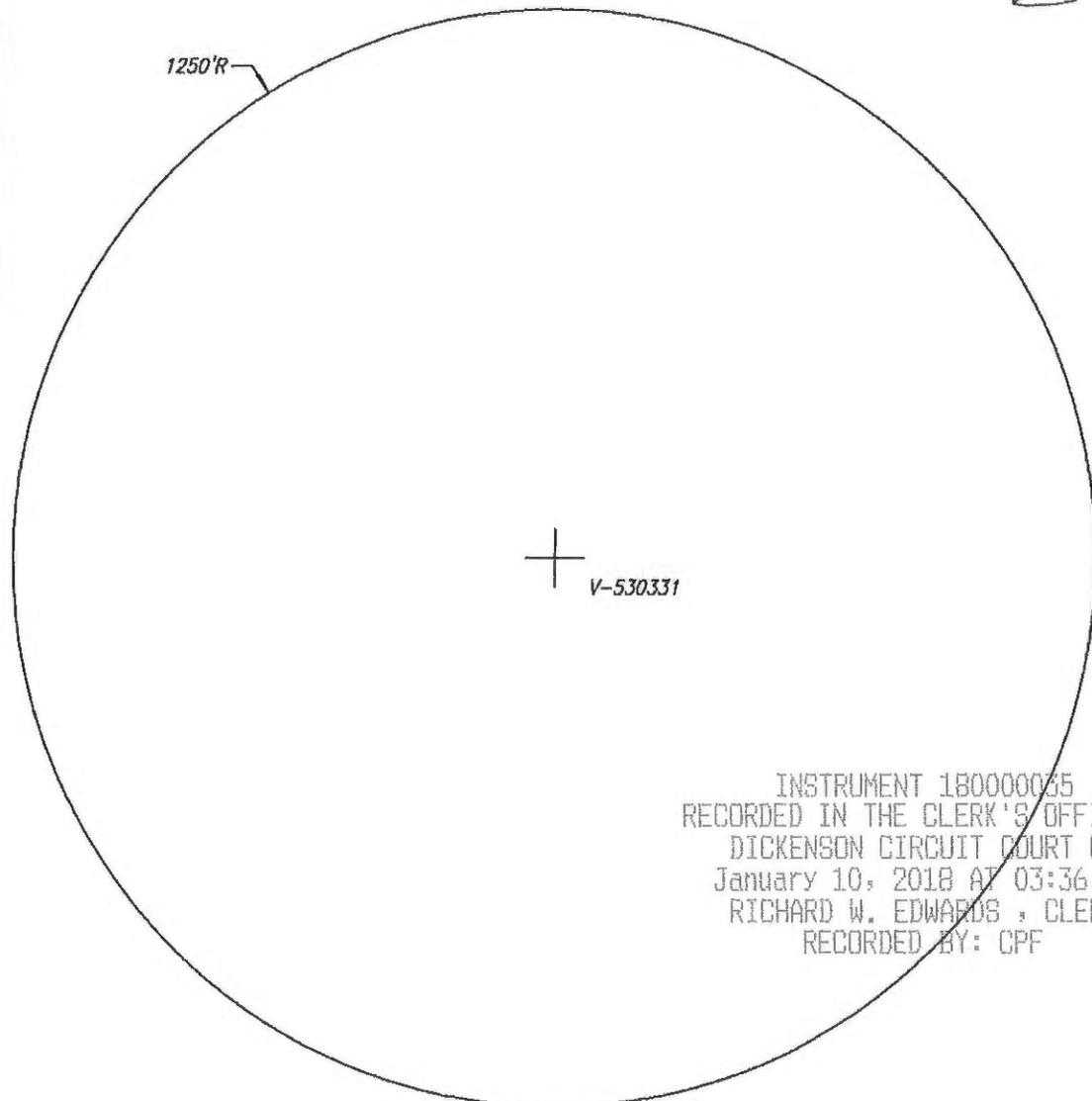


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Mine ID: 10585  
Jawbone Mines



INSTRUMENT 180000055  
RECORDED IN THE CLERK'S OFFICE OF  
DICKENSON CIRCUIT COURT ON  
January 10, 2018 AT 03:36 PM  
RICHARD W. EDWARDS, CLERK  
RECORDED BY: CPF

NOTE:  
This well is permitted as "Range Resources- ... V-530331 ..."  
as shown on plat dated 12-13-2011.

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COMPANY EnerVest Operating, LLC WELL NAME AND NUMBER V-530331  
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