

VIRGINIA:

BEFORE THE VIRGINIA DEPARTMENT OF ENERGY

APPLICANT:	KEYROCK ENERGY, LLC)	VIRGINIA GAS
)	AND OIL BOARD
RELIEF SOUGHT:)	
	CREATION OF SEALED GOB)	DOCKET NO.
	DRILLING UNIT AND POOLING)	VGOB 22-1115-4252
	OF INTERESTS IN A 234.30)	
	ACRE DRILLING UNIT)	
	DESCRIBED IN EXHIBIT A)	
	HERETO LOCATED IN THE)	
	NORA COALBED GAS FIELD)	
	AND SERVED BY WELL NO.)	
	KEYROCK #5 (HEREIN "SUBJECT)	
	DRILLING UNIT") PURSUANT TO)	
	§§ 45.2.1620 AND 45.2-1622 OF)	
	THE CODE OF VIRGINIA, FOR)	
	THE PRODUCTION OF COALBED)	
	METHANE GAS FROM THE)	
	MINED OUT JAWBONE COAL)	
	SEAM (HEREINAFTER "SUBJECT)	
	FORMATION") IN THE)	
	CONTURA DEEP MINE 41 IN)	
	DICKENSON COUNTY,)	
	VIRGINIA (HEREIN "COALBED)	
	METHANE GAS" OR "GAS"))	
)	
	DRILLING UNIT SERVED BY WELL)	
	NUMBERED KEYROCK #5)	
	TO BE DRILLED IN THE LOCATION)	
	DEPICTED ON EXHIBIT A HERETO,)	
	JOSHUA PRESSLEY 951.73 ACRE TRACT)	
	NORA 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 for hearing before the Virginia Gas and Oil Board (hereafter "Board") at 10:00 a.m. on February 21, 2023, at 3405 Mountain Empire Road, Big Stone Gap, Virginia.

2. APPEARANCES: Freddie E. Mullins appeared for the Applicant.
3. JURISDICTION AND NOTICE: Pursuant to §§ 45.2-1600 et seq. of the Code of Virginia, 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 § 45.2-1618 of the Code of Virginia to notice of this application. Further, the Board has caused notice of this hearing to be published as required by § 45.2-1618 of the Code of Virginia. 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 (1) that pursuant to Va. Code § 45.2- 1622, including the applicable portions of § 45.2-1620, the Board pool the rights, interests and estates in and to the Gas in the Subject Drilling Unit, including those of the Applicant and of the known persons named in Exhibit B hereto and that of their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the drilling and operation, including production, of Coalbed Methane Gas produced from the Subject Drilling Unit established for the Subject Formation underlying and comprised of the Subject Lands, (hereafter sometimes collectively identified and referred to as "well development and/or operation in the Subject Drilling Unit") for the purpose of combusting coalbed methane gas to generate carbon credits for sale on the open market; (2) the Board create a sealed gob unit for the coalbed methane gas produced from the Subject Drilling Unit ; and, (3) that the Board designate Keyrock Energy, LLC as the Unit Operator.
7. RELIEF GRANTED: The requested relief in this cause shall be and hereby is granted and: (1) pursuant to §45.2-1620 of the Code of Virginia, Keyrock Energy, LLC (hereafter "Unit Operator" or "Operator") is designated as the Unit Operator authorized to drill and operate the Well in Subject Drilling Unit at the location depicted on the plat attached hereto as Exhibit A, subject to the permit provisions contained in § 45.2.1629, et seq. of the Code of Virginia, to §§ 4 VAC 25-150 et seq., Gas and Oil Regulations; to §§ 4 VAC 25-160 et seq., Virginia Gas and Oil Board Regulations and to the Nora Coalbed Gas Field Rules established by the Oil and Gas Conservation Board's Order entered March 26, 1989; all as amended from time to time, as a sealed gob unit for the purpose of combusting coalbed methane gas to generate carbon credits for sale on the open market; and (2) all the interests and estates in and to the Gas in Subject Drilling Unit, including that of the Applicant, the Unit Operator and of the known persons listed on Exhibit B, attached hereto and made a part hereof, and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, be and hereby are pooled in the Subject Formations in the Subject Drilling Unit underlying and comprised of the Subject Lands. Please note all pooling in this unit is voluntary.
8. UNIT OPERATOR (OR OPERATOR): Keyrock Energy, LLC shall be and hereby is designated as Unit

Operator authorized to drill and operate the Well(s) in Subject Formations in Subject Drilling Unit, all subject to the permit provisions contained in §§ 45.2-1629 et seq. of the Code of Virginia; §§ 4 VAC 25-150 et seq., Gas and Oil Regulations; §§ 4 VAC 25-160 et seq., Virginia Gas and Oil Board Regulations; Oil and Gas Conservation Board ("OGCB") Order establishing the Nora Coalbed Gas Field Rules entered March 26, 1989; all as amended from time to time, and all elections required by this Order shall be communicated to Unit Operator in writing at the address shown below:

Keyrock Energy, LLC
 207 East Main Street, Suite 2-D
 P. O. Box 2223
 Johnson City, TN 37605
 Phone: (423) 726-2070
 Email: compliance@keyrockenergy.com

9. **COMMENCEMENT OF OPERATIONS:** Unit Operator shall commence or cause to commence operations for the drilling of the Well within Subject Drilling Unit within seven hundred thirty (730) days from the date of this Order, and shall prosecute the same with due diligence. If the Unit Operator has not so commenced and/or prosecuted, then this order shall terminate, except for any cash sums then payable hereunder; otherwise, unless sooner terminated by Order of the Board, this Order shall expire at 12:00 p.m. on the date on which the well covered by this Order is permanently abandoned and plugged. However, in the event an appeal is taken from this Order, then the time between the filing of the Petition for Appeal and the Final Order of the Circuit Court shall be excluded in calculating the two-year period reference herein.
10. **ESCROW PROVISIONS:** No request has been made to establish escrow because all owners in Exhibit B are voluntarily participating.
11. **SPECIAL FINDINGS:** The Board specifically and specially finds:
 - 11.1. Applicant is Keyrock Energy, LLC. Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;
 - 11.2. Applicant Keyrock Energy, LLC has made a delegation of authority to Keyrock Energy, LLC to explore, develop and maintain the properties and assets of Applicant, now owned or hereafter acquired, and Keyrock Energy, LLC has accepted this delegation of authority and agreed to explore, develop and maintain those properties and assets, and has consented to serve as Coalbed Methane Gas Unit Operator for Subject Drilling Unit and to faithfully discharge the duties imposed upon it as Unit Operator by statute and regulations;
 - 11.3. Applicant Keyrock Energy, LLC is an operator in the Commonwealth of Virginia, and has satisfied the Board's requirements for operations in Virginia;
 - 11.4. Applicant Keyrock Energy, LLC claims ownership of gas leases, Coalbed Methane Gas leases, and/or coal leases representing 100% percent of the oil and gas interest/claims in and to Coalbed Methane Gas in the Subject Drilling Unit; and, Applicant claims the right to explore for, develop and produce Coalbed Methane Gas from the Subject Formation in Subject Drilling Unit in Dickenson County, Virginia, which Subject Lands are more particularly described in Exhibit A;
 - 11.5. The estimated total production from Subject Drilling Unit is 586 mmcf. The estimated amount of

reserves from the Subject Drilling Unit is 586 mmcf.

- 11.6. The relief requested and granted is just and reasonable, is supported by substantial evidence and will afford each person listed and named in Exhibit B hereto the opportunity to recover or receive, without unnecessary expense, such person's just and fair share of the production from Subject Drilling Unit. The granting of the Application and relief requested therein will ensure to the extent possible the greatest ultimate recovery of Coalbed Methane Gas, prevent, or assist in preventing the various types of waste prohibited by statute and protect or assist in protecting the correlative rights of all persons in the subject common sources of supply in the Subject Lands. Therefore, the Board is entering an Order granting the relief herein set forth.
12. MAILING OF ORDER AND FILING OF AFFIDAVIT: Applicant or its Attorney shall file an affidavit with the Secretary of the Board within sixty (60) days after the date of recording of this Order stating that a true and correct copy of said Order was mailed within seven (7) days from the date of its receipt by Unit Operator to each Respondent named in Exhibit B pooled by this Order and whose address is known.
13. CONCLUSION: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and **IT IS SO ORDERED**.
14. APPEALS: Appeals of this Order are governed by the provisions of § 45.2-1609 of the Virginia Code which provides that any order or decision of the Board may be appealed to the appropriate circuit court.
15. 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.

DB 602 PGL 24
DONE AND EXECUTED this 10 day of March, 2023 by a majority of the Virginia Gas and Oil Board.

Interim Chairman, Donald L. Ratliff

COMMONWEALTH OF VIRGINIA
COUNTY OF RUSSELL

Acknowledged on this 10th day of March, 2023, personally before me a notary public in and for the Commonwealth of Virginia, appeared Donald L. Ratliff, being duly sworn did depose and say that he is the Interim Chairman of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Sarah Jessee Gilmer, Notary Public
262946



My Commission expires: July 31, 2025

DONE AND PERFORMED this 13 day of March, 2023 by Order of the Virginia Gas and Oil Board.

James P. Skorupa
Principal Executive to the staff,
Virginia Gas and Oil Board

COMMONWEALTH OF VIRGINIA
COUNTY OF RUSSELL

Acknowledged on this 13th day of March, 2023, personally before me a notary public in and for the Commonwealth of Virginia, appeared James P. Skorupa, being duly sworn did depose and say that he is the Principal Executive to the staff of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Sarah Jessee Gilmer, Notary Public
262946



My Commission expires: July 31, 2025

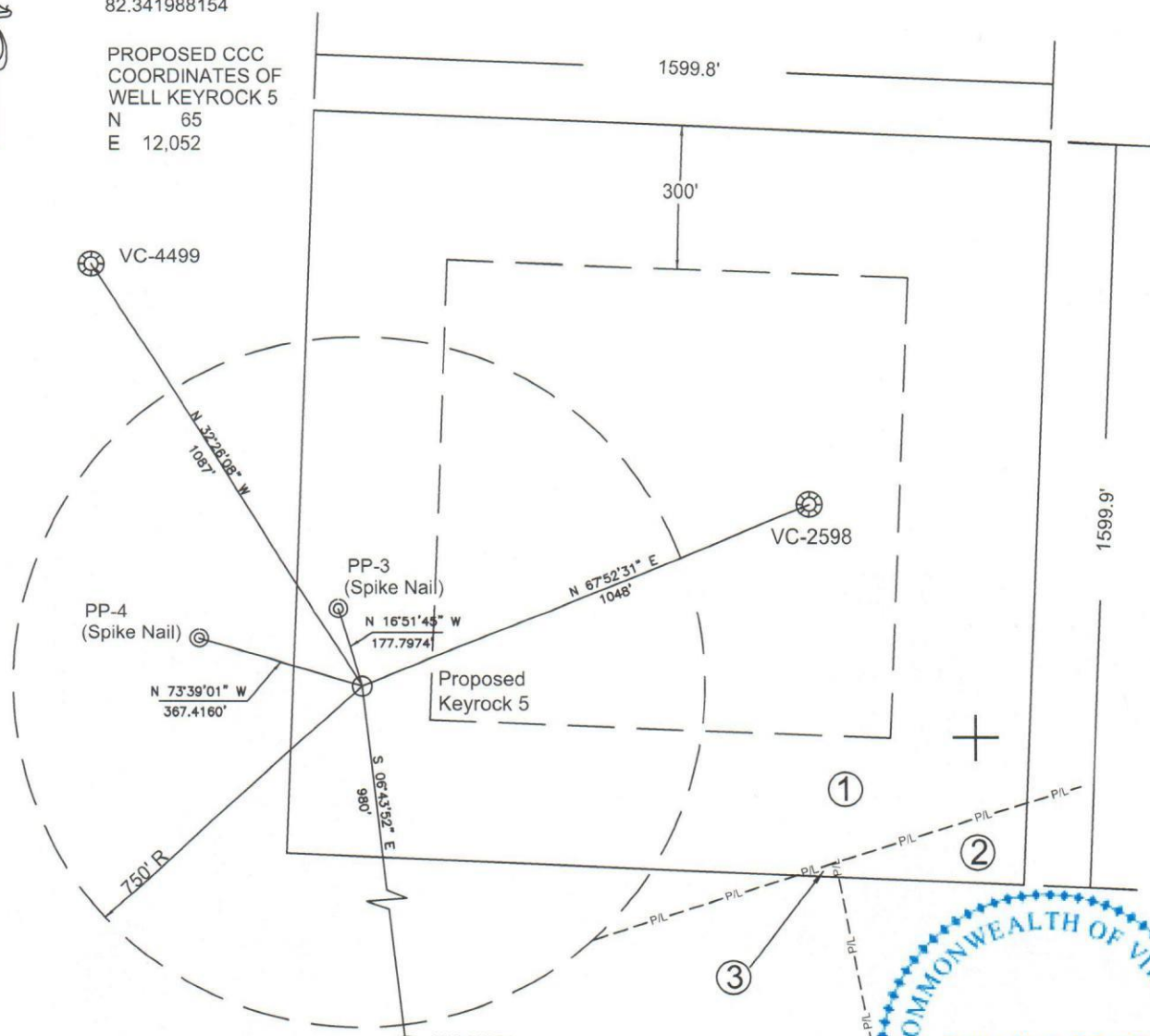
2,563'

LATITUDE 37° 05' 00"

EXHIBIT A

PROPOSED LAT. & LONG.
(NAD 83 DECIMAL DEGREES)
OF KEYROCK 5
37.100233538
82.341988154

PROPOSED CCC
COORDINATES OF
WELL KEYROCK 5
N 65
E 12,052

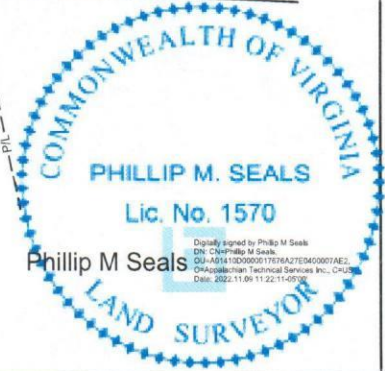


LONGITUDE 82° 20' 00"

9,061'

NOTE:

ELEVATIONS WERE DETERMINED BY GPS & TRIGONOMETRIC METHODS BASED ON CORS STATION VABG.
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 KEYROCK ENERGY, LLC
THE WELL WILL BE DRILLED WITHIN 10 (TEN) FEET OF THE PERMITTED COORDINATES.
THE POSITIONS OF EXISTING OFFSET WELLS WERE TAKEN FROM PLATS IN THE DGO FILES.



WELL LOCATION PLAT (Nora Grid BA-45)

COMPANY Keyrock Energy LLC WELL NAME OR NUMBER KEYROCK 5
 TRACT NO. T-101 QUADRANGLE NORA
 DISTRICT Ervinton
 WELL COORDINATES (VIRGINIA STATE PLANE 83) N 3,582,849.29 E 10,362,764.22
 ELEVATION 1,989.69 METHOD USED TO DETERMINE ELEVATION: GPS & TRIG.
 COUNTY Dickenson SCALE: 1" = 400' DATE 9-19-2022
 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.

Phillip M. Seals

 LICENSED LAND SURVEYOR

(AFFIX SEAL)

EXHIBIT PL-1

Property Ownership Information for Well # KEYROCK 5

TRACT IDENTIFICATION

①

T-101
 JOSHUA PRESSLEY
 951.73 AC.
 CF HIGHLANDS LLC -Surface
 ACIN LLC - coal
 PARAMONT CONTURA, LLC - coal lessee
 WBRD LLC - coal
 DICKENSON-RUSSELL CONTURA, LLC- coal lessee
 ENERVEST XIV-A NORA LLC
 ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &
 ENERVEST XIV-WIC NORA LLC
 1/4 interest oil, gas (cbm)
 GAS 57.77AC. 98.31 %

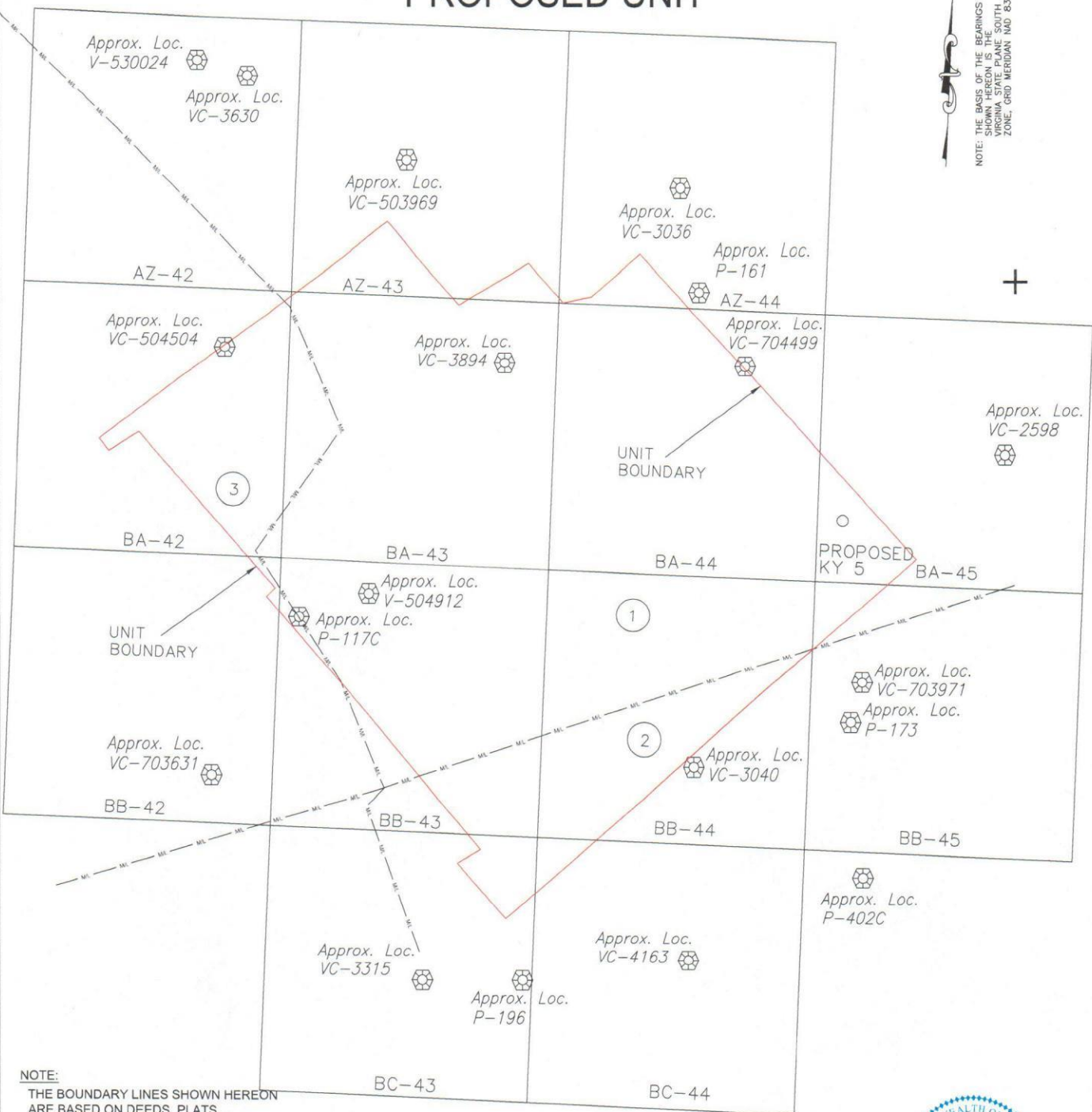
②

TRACT NO. T-7
 G. M. BLAIR
 280.00 ACRES
 ACIN LLC - coal
 PARAMONT CONTURA, LLC - coal lessee
 WBRD LLC - coal
 DICKENSON-RUSSELL CONTURA, LLC- coal lessee
 ENERVEST XIV-A NORA LLC
 ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &
 ENERVEST XIV-WIC NORA LLC
 1/4 interest oil, gas (cbm)
 GAS 0.97AC. 1.64 %

③

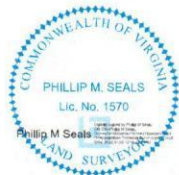
T-186
 NOAH A. SKEEN
 327.39 ACRES
 ACIN LLC - coal
 PARAMONT CONTURA, LLC - coal lessee
 WBRD LLC - coal
 DICKENSON-RUSSELL CONTURA, LLC- coal lessee
 ENERVEST XIV-A NORA LLC
 ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. &
 ENERVEST XIV-WIC NORA LLC
 1/4 interest oil, gas (cbm)
 GAS 0.03 AC. 0.05 %

PROPOSED UNIT



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 KEYROCK ENERGY 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.

TOTAL UNIT AREA
= 234.30 ACRES



WELL LOCATION PLAT (Nora Grid N/A) DGO FILE NO.: Unknown At This Time

COMPANY Keyrock Energy LLC WELL NAME OR NUMBER KY 5
 TRACT NO. T2-101 QUADRANGLE Nora
 DISTRICT Ervinton
 WELL COORDINATES (VIRGINIA STATE PLANE 83) N 3,582.89.29 E 10,362,764.22
 ELEVATION 1,989.69 METHOD USED TO DETERMINE ELEVATION: GPS & TRIG.
 COUNTY Dickenson SCALE: 1" = 400' DATE 9-19-2022

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.

EXHIBIT PL-1

Property Ownership Information for Keyrock 5
09-19-2022

TRACT IDENTIFICATION

①

T-101
Joshua Pressley
951.73 ACRES
C. F. Highlands - Surface
ACIN LLC - coal
PARAMONT CONTURA, LLC - coal lessee
WBRD LLC - coal
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

Keyrock Energy - cbm lessee
GAS 182.20 AC. 77.76%

②

T-186
Noah A. Skeen
327.39 ACRES
ACIN LLC - coal
PARAMONT CONTURA, LLC - coal lessee
WBRD LLC - coal
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

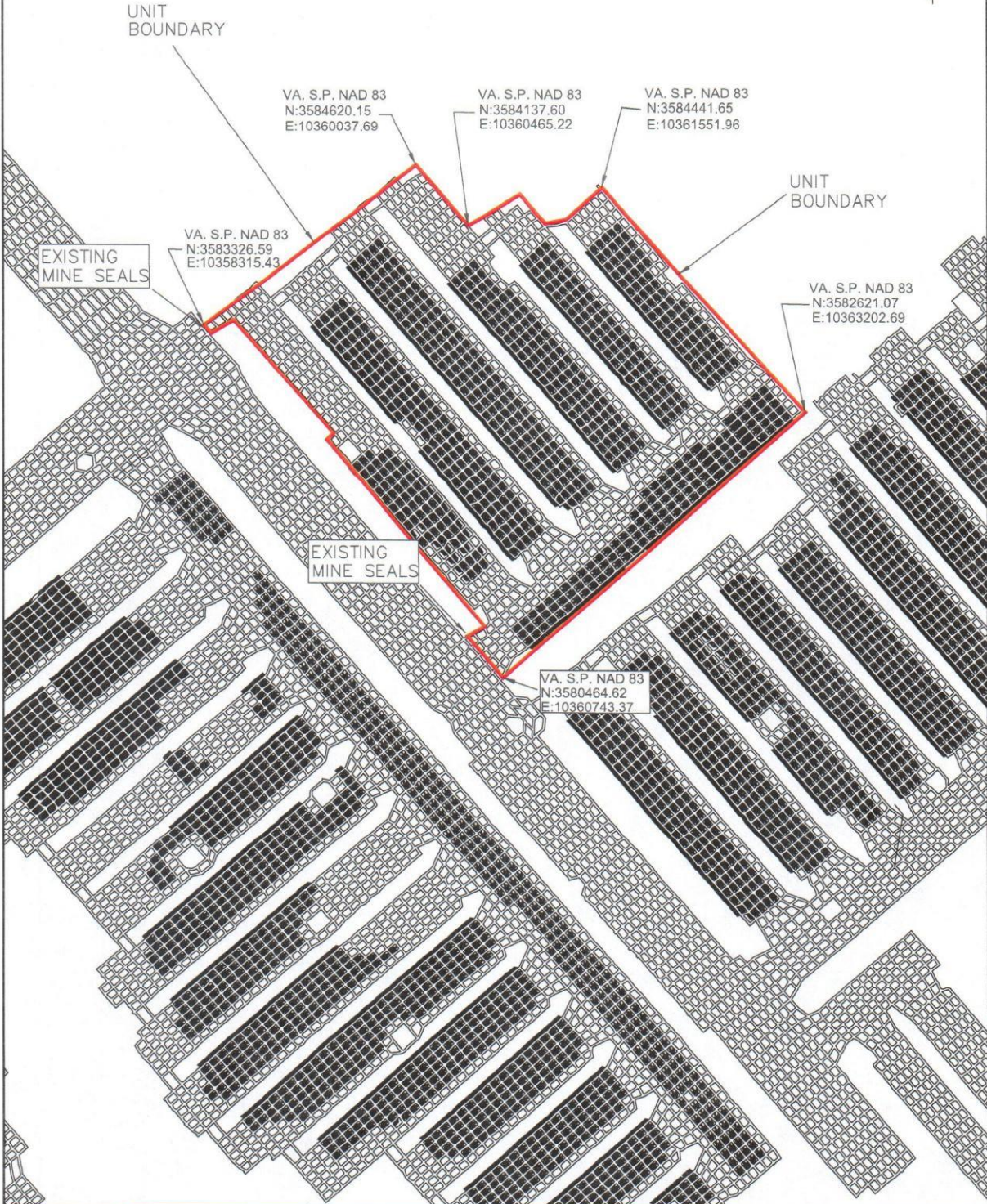
Keyrock Energy - cbm lessee
GAS 27.50 AC. 11.74%

③

T-129
Jasper Sutherland
641 ACRES
ACIN LLC - coal
PARAMONT CONTURA, LLC - coal lessee
WBRD LLC - coal
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

Keyrock Energy - cbm lessee
GAS 24.60 AC. 10.50%

NOTE:
Mine Works shown as
provided by Alpha
Metallurgical Resources




 Appalachian Technical Services, Inc. Engineering, Architecture, Surveying, Ecology & Environmental Science Abingdon Office: P.O. Box 1897, 476 West Main Street, Abingdon, VA 24212, (276) 676-4262 Wise Office: P.O. Box 3537, 6741 Indian Creek Road, Wise, VA 24293, (276) 326-4200	KEYROCK ENERGY LLC		Designed By: JMC	Drawn By: JMC	Checked By: PMS	Date: 10/14/22
	DEEP MINE 41 UNDERGROUND MINE MAP KYS EXHIBIT L		Project Number: 1892.01	Scale: 1" = 800'	Coordinate System: NORA VA NAD 83 South Zone	
	Drawing Name: Mineworks Only 24x36 With Well Units 10-14-22					01
Sheet/Layout: KYS EXHIBIT L 11X17					01	

Exhibit B
Unit # 5
VGOB Docket # 22-1115-4252
List of all Owners/Claimants
(234.30 Acre Unit)

	Acres in Unit	Interest in Unit
<u>Tract #T-101; Joshua Presley (951.73 Acres)</u>		
(1) ENERVEST XIV-A NORA LLC ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. ENERVEST XIV-WIC NORA LLC - Oil, Gas & CBM 1001 Fannin Street Ste 800 Houston, TX 77002	182.20 acres	77.76 %
<u>Tract #T-186; Noah A. Skeen (327.39 Acres)</u>		
(1) ENERVEST XIV-A NORA LLC ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. ENERVEST XIV-WIC NORA LLC - Oil, Gas & CBM - 1001 Fannin Street Ste 800 Houston, TX 77002	27.50 acres	11.74 %
<u>Tract #T-129; Jasper Sutherland (641 Acres)</u>		
(1) ENERVEST XIV-A NORA LLC ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. ENERVEST XIV-WIC NORA LLC - Oil, Gas & CBM - 1001 Fannin Street Ste 800 Houston, TX 77002	24.60 acres	10.50 %

Exhibit D
 Unit # 5
 VGOB Docket # 22-1115-4252
 Leased Parties in a Sealed Gob
 (234.30 Acre Unit)

	Acres in Unit	Interest in Unit
<u>Tract #T-101; Joshua Pressley (951.73 Acres)</u>		
(1) CF Highlands LLC – Surface C T Corporation System 4701 Cox Rd. Ste 285 Glen Allen, VA 23060		
(2) ACIN LLC – Coal Capitol Corporate Services, Inc. 10 South Jefferson St. Ste 1400 Roanoke, VA 24011		
(3) Paramount Contura, LLC - Coal Lessee Corporation Service Company 100 Shockoe Slip FL 2 Richmond, VA, 23219-4100		
(4) WBRD LLC - Coal Capitol Corporate Services, Inc. 10 South Jefferson St Ste. 1400 Roanoke, VA 24011		
(5) Dickenson-Russell Contura, LLC - Coal Lessee Corporation Service Company 100 Shockoe Slip FL 2 Richmond, VA, 23219-4100		
(6) ENERVEST XIV-A NORA LLC ENERVEST ENERGY INSTITUTIONAL FUND XIV-1A, L.P. ENERVEST XIV-WIC NORA LLC - Oil, Gas & CBM - Capitol Corporate Services, Inc. 10 South Jefferson St. Ste 1400 Roanoke, VA, 24011	182.20 acres	77.76%
(7) Keyrock Energy - CBM Lessee Corporate Creations Network Inc. 425 W Washington St. Ste 4 Suffolk, VA, 23434 - 5320		

DB 602 PG432

Exhibit D

Unit # 5

VGOB Docket # 22-1115-4252
Leased Parties in a Sealed Gob
(234.30 Acre Unit)

Acres in Unit

Interest in Unit

Tract #T-186; Noah A. Skeen (327.39 Acres)

- | | | |
|--|-------------|--------|
| (1) ACIN LLC – Coal
Capitol Corporate Services, Inc.
10 South Jefferson St.
Ste 1400
Roanoke, VA 24011 | | |
| (2) Paramount Contura, LLC - Coal Lessee
Corporation Service Company
100 Shockoe Slip
FL 2
Richmond, VA, 23219-4100 | | |
| (3) WBRD LLC - Coal
Capitol Corporate Services, Inc.
10 South Jefferson St
Ste. 1400
Roanoke, VA 24011 | | |
| (4) Dickenson-Russell Contura, LLC - Coal Lessee
Corporation Service Company
100 Shockoe Slip
FL 2
Richmond, VA 23219-4100 | | |
| (5) ENERVEST XIV-A NORA LLC
ENERVEST ENERGY INSTITUTIONAL
FUND XIV-1A, L.P.
ENERVEST XIV-WIC NORA LLC
- Oil, Gas & CBM -
Capitol Corporate Services, Inc.
10 South Jefferson St.
Ste 1400
Roanoke, VA, 24011 | 27.50 acres | 11.74% |
| (6) Keyrock Energy - CBM Lessee
Corporate Creations Network Inc.
425 W Washington St.
Ste 4
Suffolk, VA, 23434 - 5320 | | |

		Exhibit I		
		Unit # 5		
		VGOB Docket # 22-115-4252		
		List of all Wells Incl. the Sealed Gob		
		(234.30 Acre Unit)		
<u>UNIT NUMBER</u>	<u>WELL NUMBER</u>	<u>DGO FILE NUMBER</u>	<u>STATUS</u>	<u>TYPE WELL</u>
AZ-42	V- 530024	DI-2119	Producing	Conventional
AZ-42	VC-3630	DI-0832	Producing	Coalbed Methane
AZ-43	VC- 503969	DI-1470	Producing	Coalbed Methane
AZ-44	VC- 3036	DI-0735	Producing	Coalbed Methane
AZ-44	P-161	DI-0226	Producing	Conventional
BA-42	VC- 504504	DI-1040	Producing	Coalbed Methane
BA-43	VC- 3894	DI-0903	Producing	Coalbed Methane
BA-44	VC- 704499	DI-1013	Producing	Coalbed Methane
BA-45	VC- 2598	DI-0666	Producing	Coalbed Methane
BB-42	VC- 703631	DI-0939	Producing	Coalbed Methane
BB-43	P- 117C	DI-0005	Producing	Coalbed Methane
BB-43	V- 504912	DI-1081	Producing	Conventional
BB-44	VC- 3040	DI-0736	Producing	Coalbed Methane
BB-45	VC- 703971	DI-0933	Producing	Coalbed Methane
BB-45	P- 173	DI-0229	Producing	Conventional
BC-43	VC-3315	DI-0907	Producing	Coalbed Methane
BC-43	P- 196	DI-0242	Producing	Conventional
BC-43	VC- 4163	DI-0965	Producing	Coalbed Methane

MEMORANDUM OF PAID UP METHANE GAS LEASE

ENERVEST XIV-A NORA LLC (50.10494%), ENERVEST ENERGY INSTITUTIONAL FUND XIV-A1, LP. (15.00000%) and ENERVEST XIV-WIC NORA LLC (34.89506%), each a Delaware limited partnership c/o EnerVest Operating, LLC. (herein called "Lessor"), whose address is 408 W. Main Street, Abingdon, VA 24210, and Keyrock Energy LLC (herein called "Lessee"), whose address is 207 E. Main Street, Suite 2-D, Johnson City, Tennessee 37605, hereby acknowledge and give notice that Lessor has executed and delivered to Lessee a Paid Up Methane Lease (herein after "Lease") under date of January 12th, 2022, covering the premises situated between the waters of the Buffalo Creek and Caney Creeks of Dickenson County, Virginia, commonly known as Deep Mine 41, to wit:

See attached Exhibit A for map of leased premise.

Said Lease provides for a primary term of three (3) years from January 12, 2022, and as long thereafter as CBM is produced in paying quantities from the lands covered by the Lease, or said Lease is maintained in force in any other manner therein provided. An executed copy of said Lease is in the possession of both Lessor and Lessee, and said Lease with all of its terms, covenants and provisions, is incorporated herein by reference and made a part hereof for all purposes.

The purpose of this Memorandum of Paid Up Methane Gas Lease is to evidence the existence of said Lease, and this Memorandum is given in lieu of filing said Lease in full for record with the office of the Recorder in the county or counties in which said Land is located.

This instrument may be executed in counterparts, which can be combined in one or more instruments for recordation.

IN WITNESS WHEREOF this instrument is executed on this 19th day of January 2022, but to be effective January 12, 2022.

LESSOR:

LESSEE

EnerVest Operating, LLC.

Keyrock Energy, LLC

By: Michael R. Michay, M.M.

Mark Altman

Its: Vital R. Schmidt = Local

managing Director

Lessors:

Enervest Operating, LLC

By: Kevin J. Miller

Name: Kevin Miller

Title: Vice President – Land

*Enervest Operating, LLC as agent for Enervest XIV-A Nora LLC, Enervest XIV-WIC Nora LLC, & Enervest Energy Institutional Fund XIV-A1, L.P.

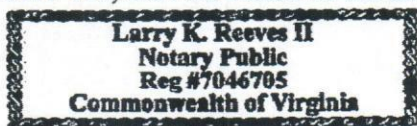
Acknowledgement

COMMONWEALTH OF VIRGINIA)

)

COUNTY OF WASHINGTON)

The foregoing instrument was acknowledged before me this 19th day of January, 2022 by Kevin Miller, as the Vice President – Land of Enervest Operating, LLC, as agent and attorney-in-fact for Enervest XIV-A Nora LLC, Enervest XIV-WIC Nora LLC, & Enervest Energy Institutional Fund XIV-A1, L.P. on behalf of the limited partnerships.



Larry K. Reeves II
Notary Public

My Commission Expires: November 30, 2023

Lessee

Keyrock Energy LLC

By: Mark Allaman

Name: Mark Allaman

Title: Managing Director

ACKNOWLEDGEMENT

STATE OF PENNSYLVANIA

)

) §

COUNTY OF BUTLER

)

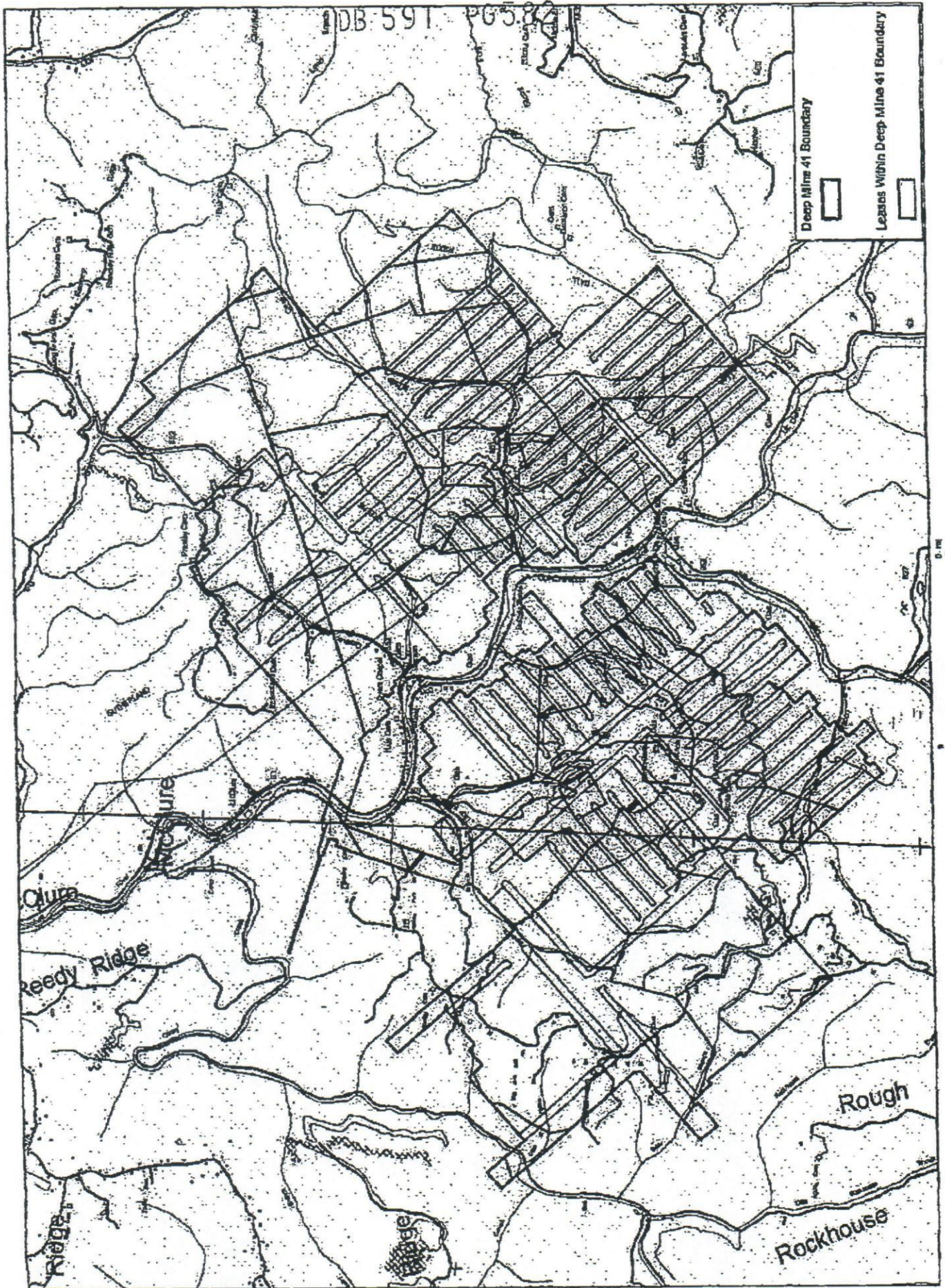
Venango

The foregoing instrument was acknowledged before me this 31st day of January, 2022 by Mark Allaman, as Managing Director of KEYROCK ENERGY, LLC, on behalf of the Limited Liability Company.

My Commission Expires: 12.17.22

Commonwealth of Pennsylvania - Notary Seal
Katie Marie Sottiaux, Notary Public
Venango County
My commission expires December 17, 2022
Commission number 1342247
Member, Pennsylvania Association of Notaries

Exhibit "A"



DB 602 PG439

DB 591 PG583

INSTRUMENT 230000290
RECORDED IN THE CLERK'S OFFICE OF
DICKENSON CIRCUIT COURT ON
MARCH 29, 2023 AT 11:53 AM
RICHARD W. EDWARDS, CLERK
RECORDED BY: SHM

INSTRUMENT 220000155
RECORDED IN THE CLERK'S OFFICE OF
DICKENSON CIRCUIT COURT ON
FEBRUARY 15, 2022 AT 02:39 PM
RICHARD W. EDWARDS, CLERK
RECORDED BY: TJB