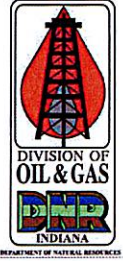




# APPLICATION FOR COAL BED METHANE WELL PERMIT

State Form 54785 (R / 8-12) / Form A15  
Approved by State Board of Accounts, 2012

INDIANA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS  
402 W. Washington St., Rm. 293  
Indianapolis, IN 46204  
Telephone number: (317) 232-4055  
Fax number: (317) 232-1550  
<http://www.in.gov/dnr/dnroil>



| FOR STATE USE ONLY                         |                                                                                                 |                                                       |
|--------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Application number<br><b>051446</b>        | Permit number<br><b>56419</b>                                                                   | Date received (month, day, year)<br><b>06/09/2026</b> |
| Date approved (month, day, year)           |                                                                                                 | Approved by                                           |
| IGS identification number<br><b>168682</b> | IGS samples<br><b>0'-TD</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | IGS pool name<br><b>Wildcat</b>                       |

| PART I GENERAL INFORMATION                                                                                                                                                                                                                                                                            |                                        |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------|
| Name of operator<br>Keyrock Energy LLC                                                                                                                                                                                                                                                                | Telephone number<br>( 304- ) 989 -5533 | Fax number<br>( ) - |
| Address of operator (number and street or PO Box) ( <input type="checkbox"/> Check here if this is a new address )<br>145 George St. Suite D                                                                                                                                                          |                                        |                     |
| City<br>Beckley                                                                                                                                                                                                                                                                                       | State<br>WV                            | ZIP code<br>25801 - |
| Send permit to (Enter name and address)<br>Joe Lane jlane@keyrockenergy.com                                                                                                                                                                                                                           | Telephone number<br>( 304 ) 989 -5533  | Fax number<br>( ) - |
| <input checked="" type="checkbox"/> Check here if you would like to have the permit sent via FAX or email. Email address: jlane@keyrockenergy.com                                                                                                                                                     |                                        |                     |
| Applicant is (Check one only) <input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Public corporation<br><input checked="" type="checkbox"/> Limited liability company <input type="checkbox"/> Corporation <input type="checkbox"/> Limited partnership |                                        |                     |

**NOTE: Corporations, limited partnerships and limited liability companies must register with the Secretary of State. For further information about registration, contact the Corporations Division, Secretary of State at (317) 232-6576**

**Type of bond (Check one only)**

- ☐ Surety bond ☐ Check  
☐ Blanket bond ☐ Personal surety bond (Valid for Non-commercial gas wells only)  
☐ Certificate of deposit ☒ Bond not required per IC 14-37-6-1

**NOTES: A bond must accompany this application unless the operator has a valid blanket bond on file with the division or is exempt from bonding under IC 14-37-6-1. All bonds must be originals and an original Verification of Certificate of Deposit form must accompany CD's. Checks must be certified. The bond amount for individual wells is \$2,500 and for blanket bonds is \$45,000.**

**Well type (Check one only)**

- ☒ Coal Bed Methane - Check the boxes below beside items that are attached to the application:  
☐ Non-Commercial Coal Bed Methane - Check the boxes below beside items that are attached to the application:  
☐ Form A12 - Coal Owner's and Coal Lessee's Consent Forms (Coal is leased),  
☒ Form A14 - Coal Owner's Consent Form (Coal is not leased),  
☒ Notices of Intent to Apply for a CBM permit and Affidavit of No Waste of Coal Resources or Miner Endangerment with Proof of Service to Coal Owner and Coal Lessee if no Consent Forms are attached (See Application Reminders),  
☒ Notice of Intent to Survey with Proof of Service to Surface Owner (Required for every application),  
☐ Well Stimulation Plan; OR ☒ Well will not be stimulated,  
☐ Horizontal Drilling Plan (If applicable),  
☐ Plugging Plan for Horizontal Well (If applicable).  
☒ Statement of Protection of Coal for Future Underground Mining (Required for every application)

**Application type (Check no more than two)**

- ☒ New well (Existing)  
☐ Old well workover  
☐ Old well deepening  
☐ Horizontal well sidetracking  
☐ Conversion  
☐ Change of location
- ☐ Change of operator (Complete PARTS I, II, VI and VII indicating lease lines and drilling unit boundaries, only unless another application type is also checked)  
☐ Permit renewal (Complete PARTS I, II and VI only unless another application type is also checked)  
**Note: A \$250 permit fee is required.**

Fee Payment Method: ☐ Check ☒ Credit Card (Attach credit card information on separate page or provide contact number: ( ) -)

Former operator (If applicable)

Former Permit number (If applicable)  
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| PART II SURFACE LOCATION AND LEASE INFORMATION                                                                                                                                                                             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                     |   |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |  |                         |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|--|
| Name of lease<br>Haase                                                                                                                                                                                                     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                     |   | Well number<br>1                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                            |  | Elevation (G.L.)<br>386 |  |
| Township<br>2S                                                                                                                                                                                                             | Range<br>12W | Land type >Section<<br>Land number: 30                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ¼                                                                                                                   | ¼ | ¼                                                                                                                                                                                                                                                      | Footages: 2078 ft. from <input type="checkbox"/> N, <input checked="" type="checkbox"/> S, <input type="checkbox"/> NW, <input type="checkbox"/> SE line<br>1933 ft. from <input type="checkbox"/> E, <input checked="" type="checkbox"/> W, <input type="checkbox"/> NE, <input type="checkbox"/> SW line |  |                         |  |
| County Gibson                                                                                                                                                                                                              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Distance to the nearest well capable of production from the same zone in which this well will be completed: 99 feet |   |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |  |                         |  |
| Drilling unit acreage (Check one only)<br><input type="checkbox"/> 40 acres<br><input checked="" type="checkbox"/> Other Mine Void acres<br>(Attach unit exception or petition for exception and supporting documentation) |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                     |   | <input type="checkbox"/> Check here if acreage is communitized (pooled)<br><br>NOTE: Attach a copy of the unit agreement or declaration of pooling. If previously submitted identify the permit number under which it was submitted: <b>Permit No.</b> |                                                                                                                                                                                                                                                                                                            |  |                         |  |
| Lease acreage<br>40 Acres                                                                                                                                                                                                  |              | Does operator own or control the rights to drill and produce coal bed methane in and under all land(s) within the drilling unit boundary and the lease acreage herein indicated and shown on the attached Survey? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>If No, explain the basis upon which the operator claims the right to drill and produce coal bed methane under this permit. Describe the documents that convey the rights by type and date of execution. |                                                                                                                     |   |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |  |                         |  |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                        |              | Does this application include a Notice of Intent to Survey and proof of delivery to the surface owner?                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                     |   |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                            |  |                         |  |

| PART III PROPOSED WELL CONSTRUCTION                                                                                                                               |             |               |            |                                                               |                       |               |             |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|------------|---------------------------------------------------------------|-----------------------|---------------|-------------|--------------|
| <input type="checkbox"/> Check here and go to PART IV if the well presently exists and the construction will not change                                           |             |               |            |                                                               |                       |               |             |              |
| Enter casing strings from largest to smallest and enter the cement information on successive rows for a casing string that will be set using multi cement stages. |             |               |            |                                                               |                       |               |             |              |
| Casing Information                                                                                                                                                |             |               |            |                                                               | Cementing Information |               |             |              |
| Casing Size (OD)                                                                                                                                                  | Casing Type | Casing Bottom | Casing Top | Hole Size                                                     | Cement Type           | Cement Volume | Volume Type | Cement Yield |
| 9.625                                                                                                                                                             | Surface     | 120 ft.       | 0 ft.      | 12.25                                                         | Class 1L              | 45            | Sacks       | 1.18         |
| 7.0                                                                                                                                                               | Long String | 590 ft.       | 0 ft.      | 8.75                                                          | Class 1L              | 200           | Sacks       | 1.18         |
|                                                                                                                                                                   |             | ft.           | ft.        |                                                               |                       |               |             |              |
|                                                                                                                                                                   |             | ft.           | ft.        |                                                               |                       |               |             |              |
| Packer setting depth _____ ft.                                                                                                                                    |             |               |            | Centralizers at As required ft. _____ ft. _____ ft. _____ ft. |                       |               |             |              |
| Packer setting depth _____ ft.                                                                                                                                    |             |               |            | Casing perforated From _____ ft. to _____ ft.                 |                       |               |             |              |
| Packer setting depth _____ ft.                                                                                                                                    |             |               |            | From _____ ft. to _____ ft.                                   |                       |               |             |              |
|                                                                                                                                                                   |             |               |            | From _____ ft. to _____ ft.                                   |                       |               |             |              |
|                                                                                                                                                                   |             |               |            | From _____ ft. to _____ ft.                                   |                       |               |             |              |

| PART IV DRILLING AND OPERATIONAL INFORMATION                                                                                                               |                      |                                                                                                                          |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>Section a All Wells</b>                                                                                                                                 |                      |                                                                                                                          |                                             |
| Declination type (Check one only)<br><input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Directional <input type="checkbox"/> Horizontal |                      | Note: For Directional & Horizontal wells the surface spot and termination point of the well must be shown on the survey. |                                             |
| Proposed total vertical depth                                                                                                                              | 610 feet (All wells) | Proposed measured length                                                                                                 | feet (Horizontal wells only)                |
| Name of deepest formation to be drilled Coal V Springfield                                                                                                 |                      |                                                                                                                          |                                             |
| Name of deepest coal seam targeted Coal V Springfield                                                                                                      |                      |                                                                                                                          |                                             |
| <input type="checkbox"/> Pool (Name):                                                                                                                      |                      | Or                                                                                                                       | <input checked="" type="checkbox"/> Wildcat |

**NAMES AND MAILING ADDRESSES OF THE SURFACE OWNER, COAL OWNER(S), COAL LESSEE(S):**

| Type Recipient | Name        | Address           | City       | State | Zip code |
|----------------|-------------|-------------------|------------|-------|----------|
| Surface Owner  | David Haase | 9651 N. 1550 Blvd | Mt. Carmel | IL    | 62863    |
| Coal Owner     | David Haase | 9651 N. 1550 Blvd | Mt. Carmel | IL    | 62863    |
| Coal Lessee    | Not Leased  |                   |            |       |          |
|                |             |                   |            |       |          |
|                |             |                   |            |       |          |
|                |             |                   |            |       |          |
|                |             |                   |            |       |          |

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Continued on the next page  
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**PART V****PROPOSED WELL DIAGRAM****NOTE: This diagram is required for Coal Bed Methane wells.****WELL CONSTRUCTION**

| Surface casing |       |              |
|----------------|-------|--------------|
| Setting depth  | 120   | feet         |
| Size (OD)      | 9.62  | in.          |
| Hole size      | 12.25 | in.          |
| Cement top     | 0     | Surface feet |
| Cubic feet     | 45    | Sacks        |

| Intermediate casing |  |      |
|---------------------|--|------|
| Setting depth       |  | feet |
| Size (OD)           |  | in.  |
| Hole size           |  | in.  |
| Cement top          |  | feet |
| Cubic feet          |  |      |

| Long string   |      |       |
|---------------|------|-------|
| Setting depth | 590  | feet  |
| Size (OD)     | 7    | in.   |
| Hole size     | 8.75 | in.   |
| Cement top    | 0    | feet  |
| Cubic feet    | 200  | Sacks |

| Liner         |  |      |
|---------------|--|------|
| Setting depth |  | feet |
| Size (OD)     |  | in.  |
| Hole size     |  | in.  |
| Cement top    |  | feet |
| Cubic feet    |  |      |

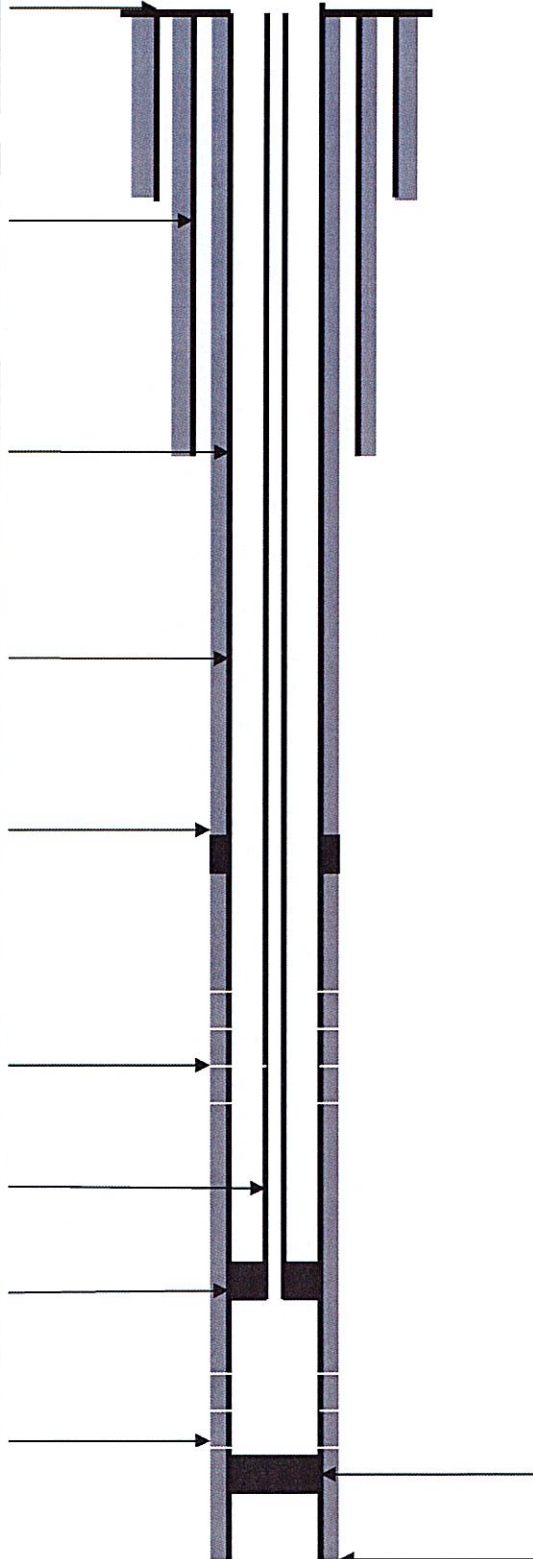
| Centralizers |  |    |
|--------------|--|----|
|              |  | ft |
|              |  | ft |
|              |  | ft |
|              |  | ft |
|              |  | ft |

| Cement squeeze |  |           |
|----------------|--|-----------|
| Perf. From     |  | ft. to ft |
| Cubic feet     |  |           |

| Tubing        |  |      |
|---------------|--|------|
| Setting depth |  | feet |
| Size (OD)     |  | in   |

| Packers       |  |      |
|---------------|--|------|
| Setting depth |  | feet |
| Setting depth |  | feet |
| Setting depth |  | feet |

| Perforations |        |    |
|--------------|--------|----|
| From         | ft. to | ft |
| From         | ft. to | ft |
| From         | ft. to | ft |
| From         | ft. to | ft |
| From         | ft. to | ft |
| From         | ft. to | ft |

**GEOLOGIC INFORMATION**

| Production zones (Top to bottom) |                                                                       |            |
|----------------------------------|-----------------------------------------------------------------------|------------|
| Name                             | Coal V Springfield                                                    |            |
| Intervals From                   | 600                                                                   | to 610 ft. |
| Primary lithology (Check one)    | <input type="checkbox"/> Coal <input type="checkbox"/> Other          |            |
| Name                             |                                                                       |            |
| Intervals From                   |                                                                       | to ft.     |
| Primary lithology (Check one)    | <input type="checkbox"/> Coal <input type="checkbox"/> Other          |            |
| Name                             |                                                                       |            |
| Intervals From                   |                                                                       | to ft.     |
| Primary lithology (Check one)    | <input type="checkbox"/> Coal <input type="checkbox"/> Other          |            |
| Name                             |                                                                       |            |
| Intervals From                   |                                                                       | to ft.     |
| Primary lithology (Check one)    | <input type="checkbox"/> Sandstone <input type="checkbox"/> Limestone |            |
| Intervals From                   |                                                                       | to ft.     |
| Primary lithology (Check one)    | <input type="checkbox"/> Coal <input type="checkbox"/> Other          |            |
| Name                             |                                                                       |            |
| Intervals From                   |                                                                       | to ft.     |
| Primary lithology (Check one)    | <input type="checkbox"/> Coal <input type="checkbox"/> Other          |            |

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| Plugback depth                       | feet                            |
|--------------------------------------|---------------------------------|
| Plugback type (Check all that apply) |                                 |
| <input type="checkbox"/> CIBP        | <input type="checkbox"/> Cement |
| <input type="checkbox"/> Other       | (Explain below)                 |

|             |     |      |
|-------------|-----|------|
| Total depth | 610 | feet |
|-------------|-----|------|

Continued on next page

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**PART VI****AFFIRMATION**

I affirm under penalty of perjury that the information provided in this application is true to the best of my knowledge and belief.

Typed or printed name of operator or authorized agent  
Joe Lane

Signature of operator or authorized agent

Date signed (month, day,  
year) 05/27/2026

**SPECIAL REQUIREMENTS**

1. Incomplete applications will be returned to the operator **without** being processed.
2. **Only** those individuals whose signatures appear in PARTS V and VI of the Organizational Report may sign this form.
3. The name of the operator on this application and the name of the principal on the bond **must** be identical.
4. If you are applying for a Change of Operator permit you are certifying that you have conducted a good faith search for the current operator and said operator could not be located.
5. If you are applying for a new well permit, do not forget to include the **Notice of Intent to Survey** and proof of service required under IC 32-23-7-6.5 that must be sent to the surface owner at least five (5) days prior to entering onto the property for the purpose of surveying the well location. An example of the notice is available on the division's website under Publications/Notices and Examples.

**APPLICATION REMINDERS****PART I:**

- Enter the name of the operator exactly as it appears on the Organizational Report.
- If you want to have a copy of the permit certificate faxed to you please check the appropriate box.
- Don't forget to register with the Indiana Secretary of State if you will operate as a Corporation, Limited Liability Company or Limited Partnership.
- Don't forget to attach the \$250 permit fee.
- If a Certificate of Deposit is selected as the Bond Type, don't forget to attach the original CD and original Verification of Certificate form.
- Check **all** of the appropriate boxes under Well Type to indicate which attachments are being submitted with this application. Required attachments **MUST** be included with the application or it will not be processed.
- If no Coal Owner and Coal Lessee (if coal is leased) consent forms are attached and if there is no copy of a written agreement that specifies other terms of notification of the operator's intent to drill a well for coal bed methane, the operator must send a **Notice of Intent to Apply for a CBM Permit** to the Coal Owner and Coal Lessee and submit a copy of the notice along with proof of service and an Affidavit of No Waste of Coal Resources or Miner Endangerment must accompany the application. An example of the Notice of Intent is available on the division's website under Publications/Notices and Examples.
- The Horizontal Drilling Plan and Plugging Plan for Horizontal Well must be submitted only if the proposed well declination is horizontal.
- If the proposed well will be stimulated, a Well Stimulation Plan must be submitted. Otherwise, check the box indicating that the well will not be stimulated.
- The Statement of Protection of Coal for Future Underground Mining must demonstrate that commercially minable coal outside of the coal bed methane production area is adequately protected for future underground mining.
- Examples of the required notices and affidavits may be found on the division's website under Publications – Notices and Examples.

**PART II**

- For this proposed coal bed methane well, be sure to indicate the distance to the nearest well capable of production from the same formation for which this permit is to be issued and make sure you check the rule requirements on well spacing to avoid placing the well an insufficient distance from an existing well.
- If you check the communitized box you must attach a copy of the pooling agreement or specify the permit number for the well under which the pooling agreement was previously submitted.
- If you check the Other box under the Drilling Unit section make sure to attach a copy of the exception.
- You must indicate that you own or control all of the coal bed methane within the proposed drilling unit before a permit can be issued. If you do not own or control all of the coal bed methane within the proposed drilling unit you must describe the basis upon which you claim the right to drill and operate a well for coal bed methane production.

**PART III**

- This part is used by the division to determine if your proposed well construction will meet the rule requirements. Please be sure to enter all information about the proposed construction so that it can be evaluated accurately.

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## PART VII

## SURVEY

**General Instructions**

Use a 1"=1000' scale

**Surveyor must complete the following:**

- Clearly indicate the section township, and range on the survey, spot the well and show the footages from the lines.
- Use the surveyor's notes to explain deviations from a standard location such as topography and irregular sections.

**Operator or authorized agent must complete the following:**

- For oil or gas wells, separately outline the boundary of both of the following using different colors or line styles:
  - the leased or communitized area; AND
  - the drilling unit allotment.
- For all Directional and Horizontal wells show the surface location, kickoff point, AND termination point of the well.
- For all Horizontal wells identify the points where each horizontal drainhole enters and departs the target zone.
- For Enhanced Recovery and Saltwater Disposal wells, draw a 1/4 mile radius circle around the proposed well, spot all other wells (plugged or unplugged) that intersect the proposed injection zone(s), and put the permit number of each well over the spot.

**NOTE: You must show the entire 1/4 mile radius circle around proposed Class II wells****SURVEYORS' NOTES:**

Elevation:

386 Feet

Keyrock Energy, LLC

Gibson County

Haase #1

Lease

26.0142.750

See attached map.

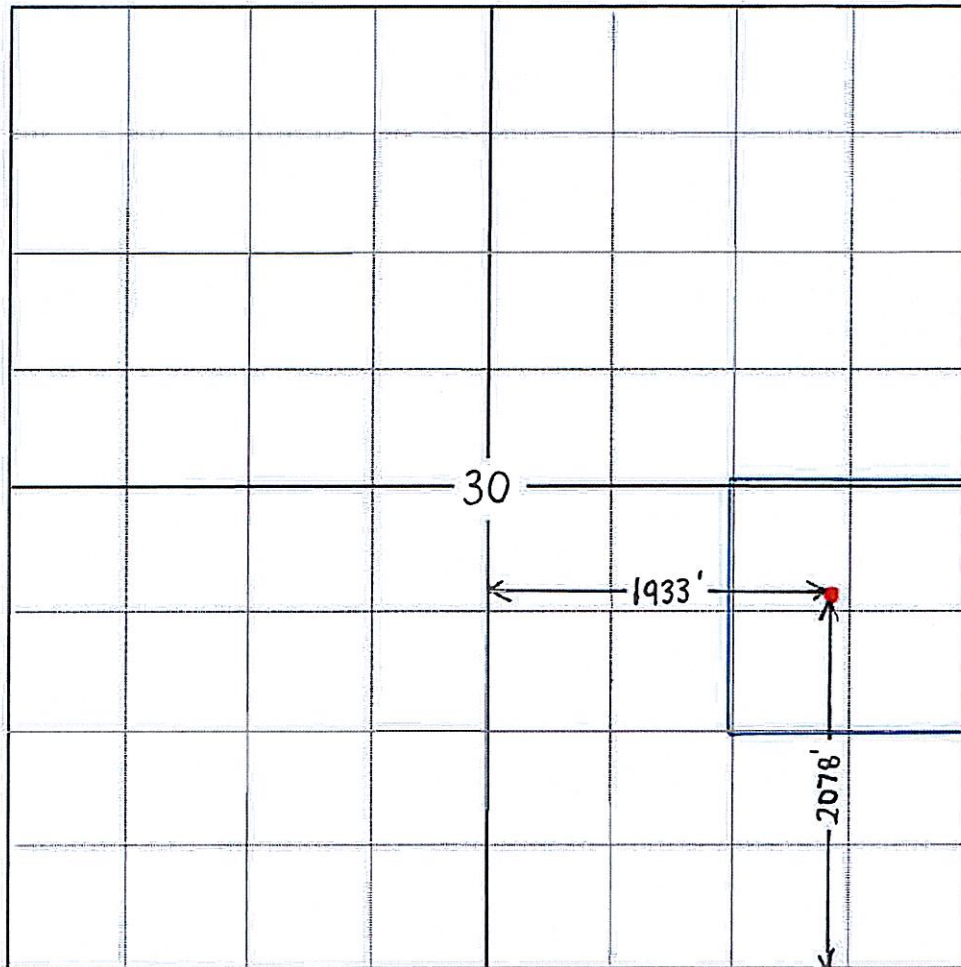
**SURVEYORS' SEAL:**

NAD 1983 UTM Zone 16N

UTMx: 431493m

UTMy: 4240459m

Enter UTM's in meters

N  
T  
2  
N  
or  
S

R 12 E or W

**CERTIFICATION**

I hereby certify that to the best of my knowledge and belief, the proposed location of the above described well, fixed as the result of an instrument survey made by me in compliance with the requirements of the laws of Indiana, is truly and correctly set forth hereon.

Printed name of registered Indiana land surveyor

Brian R. Schuh

Signature of registered Indiana land surveyor

Brian R. Schuh

Date signed (month, day, year)

3/6/2026

Address (Street or PO, City, State, ZIP)

PO Box 160 323 West 3rd St. Mt. Carmel, IL 62863

Telephone number

(618) 262 - 8651

**Special PART VII Requirements**

- You should adjust the location of the center of the section on the diagram so that the entire set of information in the General Instructions shows on a single survey plat. (Example: If a horizontal well will begin in one section but terminate in another section, you should move the section center point so that portions of both sections appear on the plat.)
- Surveyor must be registered under IC 25-21.5. This form **must** contain an original signature and original seal.
- Coordinates should be based upon NAD 1983 Datum, Universal Transverse Mercator (UTM) Coordinate System, Zone 16N.

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#### PART IV

- For all wells, be sure to specify the proposed total vertical depth, name of the deepest formation to be drilled, lowest coal seam to be targeted and the pool name.
- For horizontal wells, be sure to specify the proposed measured length.
- Include the names and addresses of the surface owner, coal owner(s) and coal lessee(s).

#### PART V

- The well diagram must be completed for all Coal Bed Methane well applications.
- Indicate the proposed depths of **all** centralizers. Proof of cement should be submitted with the completion report and Form R12–Verification of Coal Seam Protection Report in the form of cement tickets or a cement bond log.

#### PART VI

- Applications that do not contain an original signature cannot be processed.
- The signature **must** match a signature shown in Parts VI or VII of the operator's Organizational Report.
- If this application is for a Change of Operator your signature in PART VI certifies that you could not obtain this permit through the permit transfer process **ONLY** because the former operator could not be located.

#### PART VII

- If a coal bed methane well is intended to be hydraulically fractured, on either the well survey plat or a separate map, plot the location of the proposed coal bed methane well, labeling the distances to the closest quarter-quarter section (or other land type) lines. Draw a 500 foot (or the estimated half length of the proposed hydraulic fracture plane) radius circle around the well location. Inside the circle, plot all known water wells and all oil or gas wells that are deep enough to intersect the coal seams and label the oil and gas wells with the assigned permit number.

**Important:** A permit issued as a result of this application is a license to conduct an activity and does not convey any property rights to the permittee. Consequently, the permittee is solely responsible for acquiring any and all property rights necessary to use the permit for its stated purpose.

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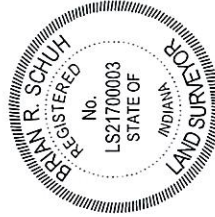
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KEYROCK ENERGY, LLC  
HAASE #1-#2  
SECTION 30, T.2S., R.12W.  
OF THE 2ND P.M.,  
GIBSON COUNTY, INDIANA

LEGEND

- EXISTING LOCATION (DRILLED BY GIBSON SOUTH COAL MINE)
- SECTION LINE
- 1/4 SECTION LINE
- ▨ LEASE

| LOCATION | UTMx    | UTMy     | ELEVATION |
|----------|---------|----------|-----------|
| HAASE #1 | 431493m | 4240459m | 386'      |
| HAASE #2 | 431518m | 4240477m | 386'      |



This map and the information shown on it is based on original government surveys, publication of survey monuments, instrument and GPS field measurements, and survey analysis. This survey does not meet the minimum standards for a boundary survey in Indiana.

*Brian R. Schuh* 03-06-2026  
BRIAN R. SCHUH, PLS #LS21700003  
LICENSE EXPIRATION DATE JULY 31, 2026

|                                                                     |                 |
|---------------------------------------------------------------------|-----------------|
| PROJECT NO: 20.0142-750                                             |                 |
| MT. CARMEL OFFICE                                                   |                 |
| 323 WEST THIRD STREET<br>P.O. BOX 100<br>MT. CARMEL, ILLINOIS 62893 |                 |
| PHONE: 618.282.8651<br>FAX: 618.283.3527<br>www.brsr-surveying.com  |                 |
| Drawn By: BRS                                                       | Checked By: BRS |
| SHEET 1 OF 1                                                        |                 |
| Date: 03/09/2024                                                    |                 |
| SCALE: 1" = 500'                                                    |                 |

BEARINGS BASED ON  
NAD83 INDIANA WEST STATE  
PLANE COORDINATE SYSTEM  
0 250' 500' 750'  
SCALE 1" = 500'



NOTES:  
1) PLOTTED LEASE IS BASED ON DOCUMENTS PROVIDED BY KEYROCK ENERGY, LLC

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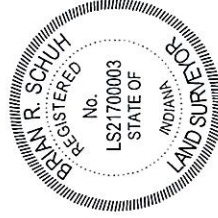
#156419

KEYROCK ENERGY, LLC  
HAASE #1-#2  
SECTION 30, T.2S., R.12W.  
OF THE 2ND P.M.,  
GIBSON COUNTY, INDIANA

LEGEND

- EXISTING LOCATION (DRILLED BY GIBSON SOUTH COAL MINE)
- SECTION LINE
- 1/4 SECTION LINE
- 1/4, 1/4 SECTION LINE
- LEASE

| LOCATION | UTMx    | UTMy     | ELEVATION |
|----------|---------|----------|-----------|
| HAASE #1 | 431493m | 4240459m | 386'      |
| HAASE #2 | 431518m | 4240477m | 386'      |



This map and the information shown on it is based on original government surveys, publically recorded documents, field investigation of survey monuments, instrument and GPS field measurements, and survey analysis. This survey does not meet the minimum standards for a boundary survey in Indiana.

*Brian R. Schuh* 03-06-2026  
BRIAN R. SCHUH, PLS #LS21700003  
LICENSE EXPIRATION DATE JULY 31, 2026

BEARINGS BASED ON  
NAD83 INDIANA WEST STATE  
PLANE COORDINATE SYSTEM  
GCS:INDIANA STATE PLANE  
UTM:SPHERICAL MGRS:UTM  
www.nadmap.com  
SCALE 1" = 500'

|                                                                    |                   |
|--------------------------------------------------------------------|-------------------|
| PROJECT NO: 25.0142750                                             | MT. CARMEL OFFICE |
| 323 WEST THIRD STREET<br>P.O. BOX 180<br>MT. CARMEL, INDIANA 46063 |                   |
| PHONE: 317.282.8801<br>FAX: 317.282.8337                           |                   |
| Drawn By: BRS                                                      | SCALE: 1" = 500'  |
| Checked By: BRS                                                    |                   |
| Date: 03/04/2026                                                   |                   |



NOTES:

- 1) PLOTTED LEASE IS BASED ON DOCUMENTS PROVIDED BY KEYROCK ENERGY, LLC

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#56419



**Hampton, Lenzini and Renwick, Inc.**  
Civil Engineers • Structural Engineers • Land Surveyors • Environmental Specialists  
www.hltreengineering.com

**NOTICE OF INTENT TO SURVEY**

In accordance with I C 32-23-7-6.5: Applicants Name: Keyrock Energy, LLC, with an address of 145 George Street, Suite D, Beckley, WV 25801, hereby notifies you, as the surface owner of lands located in Section 30, Township 2 South, Range 12 West of 2<sup>nd</sup> PM, Gibson County, Indiana, of our intention to have designated representatives enter that property for the purpose of surveying a drilling location for the well(s) listed below.

David Haase Farms LLC  
Lease Name

Haase #1-#2  
Well Number

03/30/2026  
Date

Surface Owners:

David Haase Farms LLC  
9651 N. 1550 Blvd  
Mt. Carmel, IL 62863

I acknowledge that I have received this notice of intent to enter my property for the purpose of surveying a drilling location.

DAVID HAASE  
Print Name

\_\_\_\_\_  
Print Name

David Haase  
Signature

\_\_\_\_\_  
Signature

4-1-2026  
Date

\_\_\_\_\_  
Date

C C F D Tc If Bc Bc O V 1 2 S B S S

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**ADDENDUM TO NOTICE OF INTENT TO SURVEY**

The Surveyor shall be responsible for any damage to the property caused directly or indirectly by the Surveyor, its employees, agents, contractors, designated representatives, or equipment. The Surveyor shall, at its sole cost and expense, promptly repair or restore the property to substantially the same condition that existed immediately prior to such damage.

The Surveyor acknowledges that it enters the property at its own risk and assumes full responsibility for the safety of its personnel and equipment. To the fullest extent permitted by applicable law, the Surveyor hereby releases, waives, and discharges the Landowner from any and all claims, liabilities, damages, losses, or causes of action arising out of or relating to personal injury, death, or property damage suffered by the Surveyor or its personnel while present on or about the Property, except to the extent caused by the Landowner's willful misconduct.

**SURVEYOR:**

HAMPTON, LENZINI AND RENWICK, INC.

By: Brian R Schuh

Name: Brian R. Schuh

Title: PLS

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#56419

Robert, Joseph E

**From:** Joe Lane <jlane@keyrockenergy.com>  
**Sent:** Friday, July 10, 2026 3:15 PM  
**To:** Phelps, Christa E  
**Cc:** Robert, Joseph E  
**Subject:** RE: Hirsch #1 Buck Creek  
**Attachments:** Haase Well #1 Submittal 6-2-2025.pdf; Haase Well #2 Submittal 6-2-2025.pdf

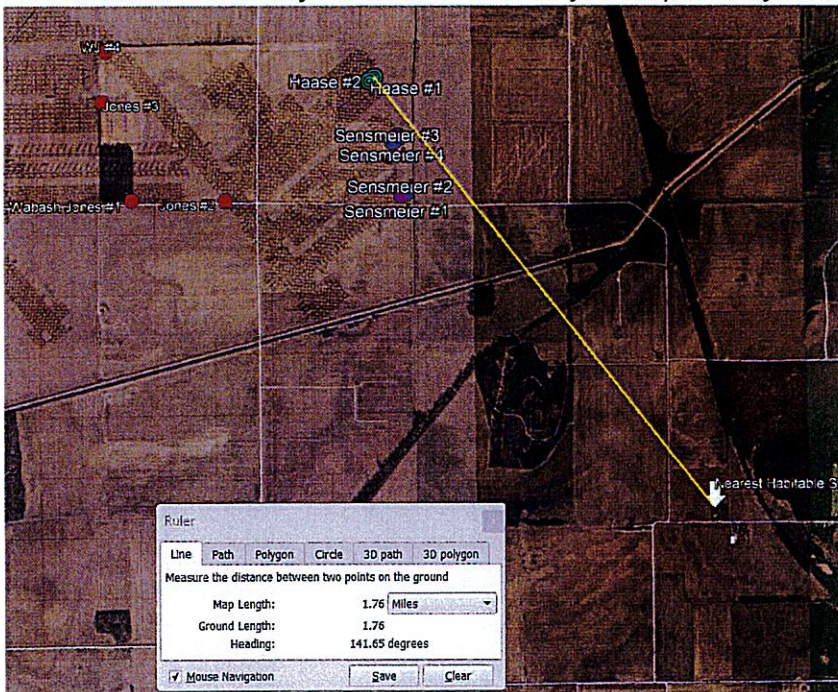
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

**EXTERNAL EMAIL:** This email was sent from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Thanks Christa,

Attached are the permit corrections that you requested. Below is a map of the nearest structure that is located approximately 1.76 miles from Haase #1 and Haase #2.

Please contact me at your convenience if you require any further information or changes.



✓ Greater than 200' from  
nearest structure.

JER

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JUL 10 2026

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Thanks

**JOE LANE**

Permit Compliance Mgr. / Keyrock Energy

(304) 989-5533

[jlane@keyrockenergy.com](mailto:jlane@keyrockenergy.com)

145 George St., Suite D

Beckley, WV 25801

#56419


**COAL OWNER CONSENT (CBM)**  
**(For Use When Coal is Not Leased)**

State Form 54784 (8-11) / Form A14-CNL

INDIANA DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL AND GAS  
 402 W. Washington St., Rm. 293  
 Indianapolis, IN 46204  
 Telephone number: (317) 232-4055  
 Fax number: (317) 232-1550  
<http://www.in.gov/dnr/dnroil>



| FOR STATE USE ONLY                                  |                                  |              |
|-----------------------------------------------------|----------------------------------|--------------|
| Date received (month, day, year)<br><b>6/9/2026</b> | Date approved (month, day, year) | Approved by: |

| PART I COAL OWNER INFORMATION                                           |  |             |                                    |
|-------------------------------------------------------------------------|--|-------------|------------------------------------|
| Name of coal owner<br>David Haase                                       |  |             | Telephone number<br>(618) 240-0270 |
| Address of coal owner (number and street or PO Box)<br>9651 N 1550 Blvd |  |             |                                    |
| City<br>Mt. Carmel                                                      |  | State<br>IL | ZIP code<br>62863 -                |

| PART II PROPERTY AND COAL SEAM INFORMATION |              |                                                    |                  |
|--------------------------------------------|--------------|----------------------------------------------------|------------------|
| Parcel number<br>26-10-30-400-000.160-021  |              | Coal seam(s):<br>Coal V Springfield                | Acres<br>40      |
| Township<br>2S                             | Range<br>12W | Land survey type<br>Land survey number: Section 30 | County<br>Gibson |
| Parcel number                              |              | Coal seam(s):                                      | Acres            |
| Township                                   | Range        | Land survey type<br>Land survey number:            | County           |
| Parcel number                              |              | Coal seam(s):                                      | Acres            |
| Township                                   | Range        | Land survey type<br>Land survey number:            | County           |

| PART III AFFIRMATION AND SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <p>I, the undersigned, affirm that I am the owner of the right to the coal on the above described parcel(s) and that I have given my consent to the extraction of the coal bed methane from said coal by <small>Keyrock Energy, LLC</small>.</p> <p>I have not leased the coal for the purpose of coal mining and I acknowledge that the recovery of coal bed methane may result in waste of the commercially minable coal resources.</p> |                                                   |
| Signature of coal owner<br>                                                                                                                                                                                                                                                                                                                                                                                                               | Date signed (month, day, year)<br><b>4-1-2026</b> |
| Name (printed or typed) David Haase                                                                                                                                                                                                                                                                                                                                                                                                       |                                                   |

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JUN 09 2026

Division Of Reclamation  
Oil & Gas

#56419

## NOTICE OF INTENT TO APPLY FOR A Coal Bed Methane Well Permit

Keyrock Energy LLC, 145 George St. Suite D, Madison WV 25130 intends to submit to the Division of Oil and Gas an application for a permit to drill and construct a well to be used for the production of Coal Bed Methane. The well will be located 2,078 feet from the S line, 1,933 feet from the W line, XX quarter, XX quarter, SE quarter, in Section 30, Twp. 2S, Rng. 12W, Gibson County, Indiana.

The subject well, Haase #1, is intended to produce coal bed methane from the Springfield V Seam at an approximate depth of 610 feet.

Written comments and objections to the issuance of a permit for this well based on the premise that the well will result in waste of a commercially minable coal or that the well will endanger the health and safety of miners must be submitted to the Division of Oil and Gas within thirty (30) days of the receipt of this notice and should be mailed to:

Division of Oil and Gas  
Department of Natural Resources  
Attn: Technical Services Section  
402 W. Washington Street, Rm. W293  
Indianapolis, IN 46204-2748

After the application is submitted, you may obtain a copy of or further information about the application by contacting the division at (317) 232-4055. The submitted application will be made available for review at the above address from 8 A.M. to 4:30 A.M. EST, Monday through Friday, or on the division's website at: [www.in.gov/dnr/dnroil](http://www.in.gov/dnr/dnroil).

### Optional:

I acknowledge that I have received this notice of intent to apply for a coal bed methane well permit.

MICK MONTCALM  
Print Name

  
Signature

6-22-2026  
Date

3455 S 700 W  
Address

OWENSVILLE, IN 47665  
City, IN Zipcode

#56419

**NOTICE OF INTENT TO APPLY FOR A Coal Bed Methane Well Permit**

Keyrock Energy, LLC, 145 George St. Suite D, Beckley, WV 25801 intends to submit to the Division of Oil and Gas an application for a permit to drill and construct a well to be used for the production of Coal Bed Methane. The well will be located Section 30, Township 2 South, Range 12 West, Gibson County, Indiana.

The subject wells, Haase #1-#2, are intended to produce coal bed methane from the Springfield Coal Seam at an approximate depth of 610 feet by drilling into the Wabash Mine.

Written comments and objections to the issuance of a permit for this well based on the premise that the well will result in waste of a commercially minable coal or that the well will endanger the health and safety of miners must be submitted to the Division of Oil and Gas within thirty (30) days of the receipt of this notice and should be mailed to:

Division of Oil and Gas  
Department of Natural Resources  
Attn: Technical Services Section  
402 W. Washington Street, Rm. W293  
Indianapolis, IN 46204-2748

After the application is submitted, you may obtain a copy of or further information about the application by contacting the division at (317) 232-4055. The submitted application will be made available for review at the above address from 8 A.M. to 4:30 A.M. EST, Monday through Friday, or on the division's website at: [www.in.gov/dnr/dnroil](http://www.in.gov/dnr/dnroil).

Optional: I acknowledge that I have received this notice of intent to apply for a coal bed methane well permit.

DAVID HAASE

Print Name

David Haase

Signature

Date: 4-1-2026

9651 N 1550 BLVD

Address

Mt Carmel IN 462863

City, State, Zip code

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JUN 09 2026

Division Of Reclamation  
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**AFFIDAVIT**

In accordance with IC 14-37-4-8.5(d), Keyrock Energy, LLC, 145 George St. Suite D, Beckley WV 25801, hereby certifies that the proposed well – Haase #1 – located in Section 30, Twp. 2S, Rng. 12W, Gibson County, Indiana is intended to produce coal bed methane from the coal V Springfield which has an average thickness of 10 feet at an approximate depth of 610 feet. The proposed well is located approximately within the original permitted boundary of the Wabash Mine, an existing, abandoned, and reclaimed, underground coal mine operation. The owner of the coal, David Haase, does not have experience in the underground mining of coal. No horizontal drilling, no acidizing, and no fracturing of any kind will take place at the Haase #1 well. Keyrock Energy, LLC hereby states that this well will enter the works of an abandoned coal mine. There are no miners underground, and no possibility of miners going underground. The coal was extracted via room and pillar mining; thus Keyrock Energy's activities will have no impact on the commercially minable coal resource.

*This affidavit accompanies the notice of intent to apply for a Coal Bed Methane Well Permit.*

.....

For Keyrock Energy, LLC:

Joe Lane

Print Name

Signature



Date 5-27-2026

**Received**

**JUN 09 2026**

**Division Of Reclamation  
Oil & Gas**

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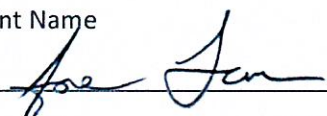
### STATEMENT OF PROTECTION OF COAL FOR FUTURE UNDERGROUND MINING

In accordance with IC 14-37-4-8(d)(4), Keyrock Energy LLC declares that commercially minable coal outside of the coal bed methane production area that contains the proposed coal bed methane well, Haase #1 Well, is protected for future underground mining for the following reasons:

- No hydraulic fracturing will be performed on the Coal V Springfield that will be used for coal bed methane production.
- The proposed well is at least 610 feet (or the estimated or calculated fracture half length) inside of the outside boundary of the coal bed methane production area.
- The proposed well is not being drilled horizontally within the coal seam.
- Other: The Coal V Springfield Coal has already been removed as a minable resource. No actions on behalf of Keyrock Energy will physically alter the remaining portions of the Coal V Springfield Seam

Joe Lane

Print Name

  
Signature

Date 5-27-2026

Received

JUN 09 2026

Division Of Reclamation  
Oil & Gas

#56419

## KEYROCK ENERGY LLC

May 27, 2026

Via Email: bhernly@dnr.in.gov  
Indiana Department of Natural Resources  
Division of Oil & Gas  
Attn: Beth Hernly  
402 West Washington St., Room 293  
Indianapolis, IN 46204

Re: Haase #1 Well, Gibson County, IN

Dear Mr. Hernly:

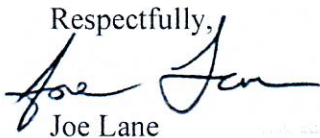
This letter supplements Keyrock Energy's Application for Coal Bed Methane Well Permit.

Our objective is to drill and complete the well as outlined in the application to access methane in the mine void, after accessing testing of the gas flow and quality will take place. The review of these results will help guide us in its use. The gas volume, purity and economic feasibility will guide us as to whether it can be sold into the pipeline, used to make electricity, or flared.

The gas will be monitored through our metering instrumentation unit, tracking flow and composition. Also, A PLC based SCADA system will give us 24/7 monitoring capabilities, connected to a call center that will alert our staff 24/7 if any issues arise. For security and safety, a 24-hour live view surveillance camera system will also be present to monitor the site.

This gives us the information needed to pay the mineral owner their royalty and the State of Indiana severance tax. Allowing the current stranded gas in the mine void to be commercialized, so no waste of Indiana's natural resources will take place.

Respectfully,



Joe Lane

Permitting Compliance  
Mgr. Keyrock Energy, LLC  
145 George St. Suite D  
Beckley WV, 25801

Received

JUN 09 2026

Division Of Reclamation  
Oil & Gas

