



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, September 7, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

TERM ENERGY CORPORATION
713 EAST MAIN STREET

HARRISVILLE, WV 263620000

Re: Permit approval for 3
47-085-02969-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number:
Farm Name: BALL, S. E.
U.S. WELL NUMBER: 47-085-02969-00-00
Vertical Plugging
Date Issued:

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

09/08/2023

1) Date 06/20, 2023
2) Operator's
Well No. #3
3) API Well No. 47-085 - 02989

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil / Gas / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow ___

5) Location: Elevation 856 Watershed Third Run
District Grant County Ritchie Quadrangle Harrisville - NE

6) Well Operator Term Energy Corp. 7) Designated Agent Leroy Baker
Address 713 East Main Street Address 713 East Main Street
Harrisville, WV 26362 Harrisville, WV 26362

8) Oil and Gas Inspector to be notified Name Isaiah Richards
Address _____
9) Plugging Contractor Name R & R Well Service LLC
Address 42 Lynch Ridge
Walton, WV 25286

10) Work Order: The work order for the manner of plugging this well is as follows:
**FREE POINT AND RECOVER CASING'S & TUBULAR'S, 6% GEL BETWEEN
SET CEMENT PLUG 2030 TO 1670**

**SET 100' CEMENT PLUG ACROSS CASING CUT
SET 100' CEMENT PLUG 910 TO 810 (ELEVATION PLUG)
SET SURFACE PLUG 100' TO SURFACE
SET MONUMENT WITH API # AND DATE**

All cement Plugs will be class A.

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WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector  Date 08/08/2023

09/08/2023



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Cairo - Harrisville

WELL RECORD

Oil or Gas Well Combination
(KIMS)

Permit No. RITA2969

Company Philip Lemon
Address Cairo, W. Va.
Farm S.E. Ball Acres 105
Location (waters) Third Run
Well No. # 3 Elev. 856
District Grant County Ritchie
The surface of tract is owned in fee by Same
Address _____
Mineral rights are owned by S.E. Ball & B.F. Welch
Harrisville, W. Va. Address _____
Drilling commenced Nov, 23, 1964
Drilling completed Dec, 17, 1964
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	<u>181</u>	<u>181</u>	Size of
8 1/4	<u>432</u>		
6 1/2	<u>1278</u>		Depth set
5 3/16		<u>2010</u>	
2			Perf. top
2		<u>2030</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 80 /10ths Water in 17 Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 210 lbs. 24 hrs.
Oil # 1 bbls., 1st 24 hrs.
Fresh water 30' feet
Salt water _____ feet

CASING CEMENTED 5 1/2 SIZE 375 No. Ft. 12/23-64 Date
See record attached
COAL WAS ENCOUNTERED AT None FEET INCHES
_____ FEET INCHES FEET INCHES
_____ FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	yellow	soft	00	14			
lime	blue	hard	14	30	Water at	30 feet	
sand	lite	med	30	115			
slate	dark	med	115	155			
clay	red	med	155	350			
slate	dark	med	350	405			
clay	red	med	405	420			
slate	dark	med	420	450			
sand	lite	hard	450	490			
clay	red	med	490	640			
slate	dark	med	640	780			
clay	red	med	780	880			
slate	dark	med	880	930			
lime	dark	hard	930	970			
slate	dark	med	970	1080			
sand	lite	hard	1080	1215			
slate	dark	med	1215	1270			
sand	lite	hard	1270	1300			
slate	dark	med	1300	1320			
sand	dark	med	1320	1480			
slate	dark	med	1480	1555	show gas at	1720	
sand	lite	hard	1555	1602	:: ::	1735	
slate	dark	med	1602	1637	:: oil	1810	
sand	lite	hard	1637	1745			
B.lime	lite	hard	1745	1778			
I. sand	lite	hard	1778	1905			
shale	dark	med	1905	2293			
			TOTAL DEPT 2293		Well was fracked with 600 bbs. water but did not increase the production or the rockprasher		

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WW-4A
Revised 6-07

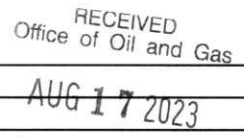


1) Date: 06/20/2023
2) Operator's Well Number _____
#3 _____
3) API Well No.: 47 - 085 - 02969

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name Kenneth E. Cornell JR.
Address 6507 Cairo Rd.
Harrisville, WV 26362
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Isaiah Richards
Address _____
Telephone 304-205-3032

5) (a) Coal Operator
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____



TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Term Energy Corporation
By: Larry Baker
Its: Agent / GM
Address 713 East Main Street
Harrisville, WV 26362
Telephone 304-643-4500



Subscribed and sworn before me this 9th day of August, 2023
Pamela Hendrickson Notary Public
My Commission Expires April 19th, 2026

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

09/08/2023

SURFACE OWNER WAIVER

Operator's Well
Number

#3

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

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WV Department of Environmental Protection

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

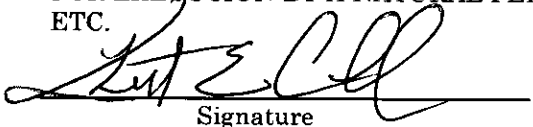
VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,


Signature

Date 8/9/23 Name _____
By _____
Its _____

Date

Signature

Date
09/08/2023

WW-4B

API No. 47-085-02969
Farm Name _____
Well No. #3

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

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WAIVER

WV Department of
Environmental Protection

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

09/08/2023

WW-9
(5/16)

API Number 47 - 085 - 02969
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Term Energy Corp. OP Code _____

Watershed (HUC 10) Third Run Quadrangle Harrisville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Above ground steel pit

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Steel pit will be used to contain fluids)

Will closed loop system be used? If so, describe: _____

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. _____

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Leroy Baker*

Company Official (Typed Name) Leroy Baker

Company Official Title General Manager

Subscribed and sworn before me this 9th day of August, 2023

Pamela Hendrickson Notary Public

My commission expires April 19th, 2024



Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-10

Fertilizer amount 500 lbs/acre

Mulch Hay Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Contractor's Mix

Contractor's Mix

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Comments: _____

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Title: OOG Inspector Date: 08/08/2023

Field Reviewed? () Yes () No

09/08/2023

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
GROUNDWATER PROTECTION PLAN**

Operator Name: Term Energy Corp.

Watershed (HUC 10): Third Run Quad: Harrisville

Farm Name: _____

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

N/A

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

N/A

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Third Run

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WV Department of
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4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No materials will be used

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

N/A

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8. Provide provisions and frequency for inspections of all GPP elements and equipment.

N/A

Signature: _____

Date: _____

West Virginia Department of Environmental Protection
Office of Oil & Gas

WELL LOCATION FORM: GPS

API: 47- 085 - 02969 WELL NO: 3

FARM NAME: S.E. Ball

RESPONSIBLE PARTY NAME: Term Energy Corporation

COUNTY: Ritchie DISTRICT: Grant

QUADRANGLE: Harrisville 7.5'

SURFACE OWNER: Kenneth E. Cornell Jr

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,337,091

UTM GPS EASTING: 493,554 GPS ELEVATION: 261 m.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone:17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:

Survey Grade GPS Post Processed Differential
 Real-Time Differential
 Mapping Grade GPS Post Processed Differential
 Real-Time Differential

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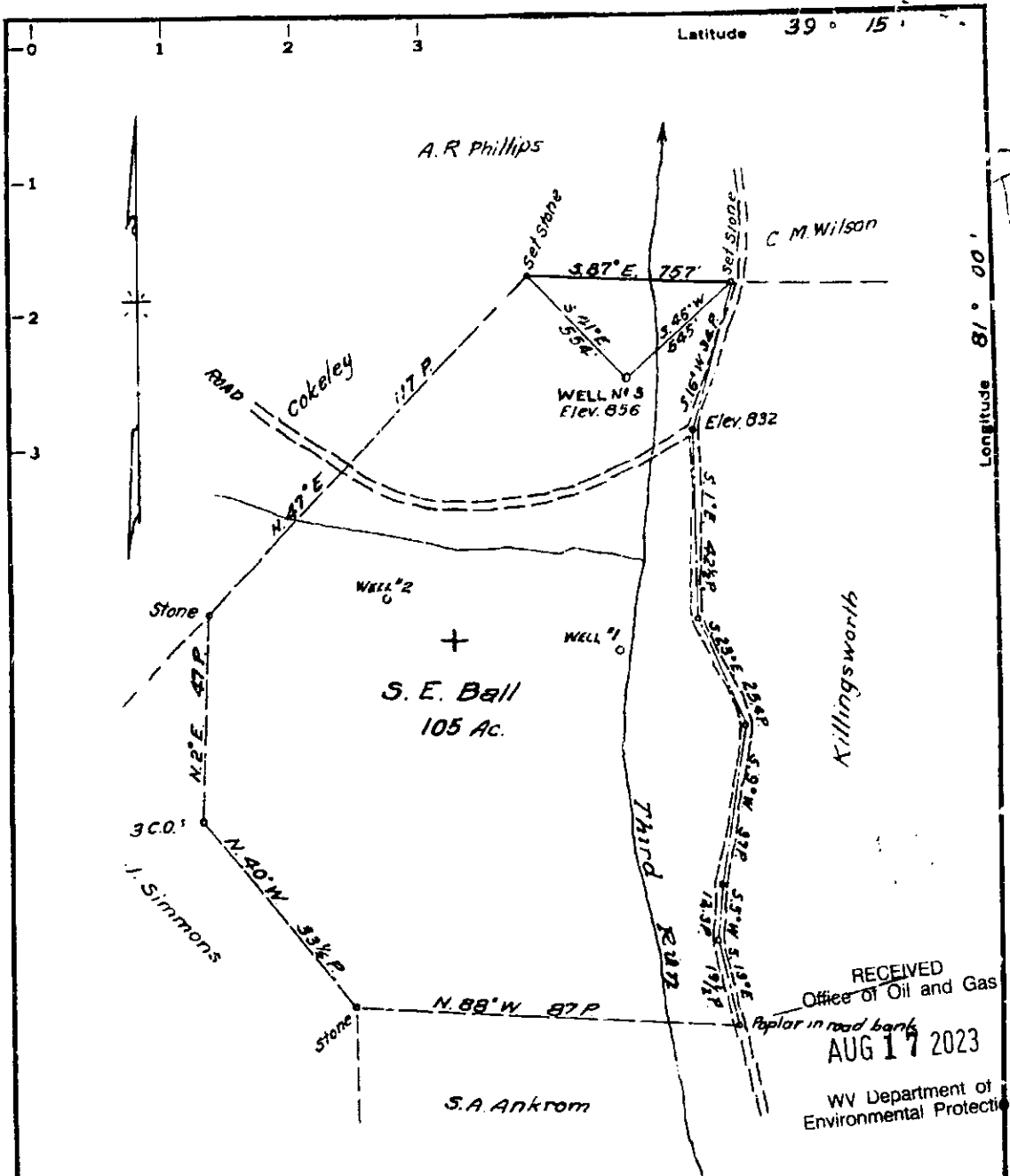
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature Leroy Baker

Title General Manager

8-8-23
Date

09/08/2023



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MINIMUM ERROR OF CLOSURE 1/1000
SOURCE OF ELEVATION junction of roads near location - Elev. 832

New Location
Drill Deeper
Abandonment

"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA."

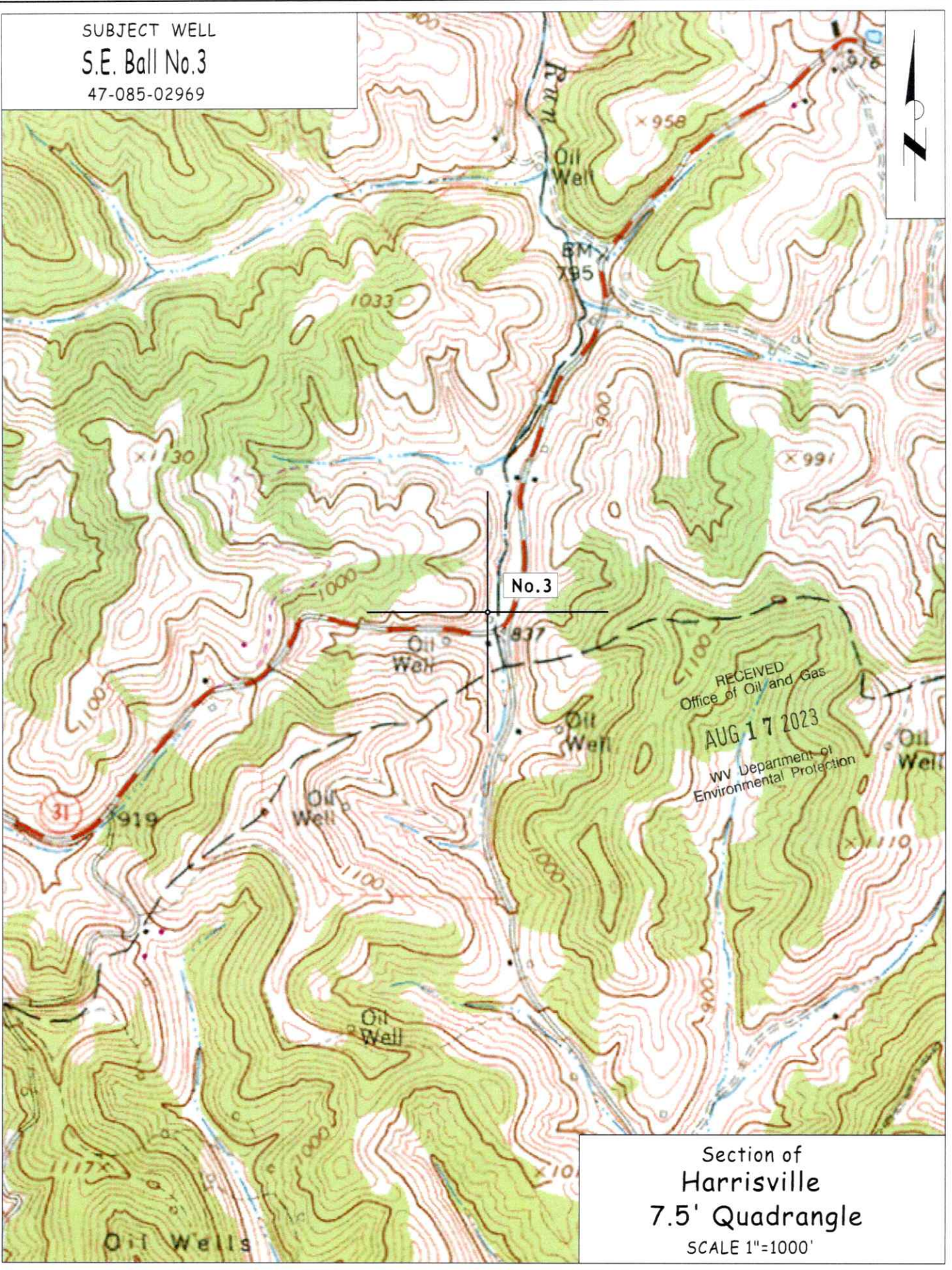
Company Philip Lemon
 Address Cairo, W.Va
 Farm S. E. Ball
 Tract 1 Acres 105 Lease No. _____
 Well (Farm) No. 3 Serial No. _____
 Elevation (Spirit Level) 856
 Quadrangle Harrisville - NE
 County Ritchie District Grant
 Engineer Parker E. Peters
 Engineer's Registration No. 485
 File No. _____ Drawing No. _____
 Date Oct. 29, 1964 Scale 1" = 300'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. RT-2969

+ Denotes location of well on United States Topographic Maps, scale 1 to 52,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch space on border line of original tracing.

09/08/2023

SUBJECT WELL
S.E. Ball No.3
47-085-02969



Section of
Harrisville
7.5' Quadrangle
SCALE 1"=1000'

09/08/2023



Kennedy, James P <james.p.kennedy@wv.gov>

plugging permits issued for 4708502969 4708502559

1 message

Kennedy, James P <james.p.kennedy@wv.gov>

Thu, Sep 7, 2023 at 2:15 PM


To: leroy.baker@termenergycorp.com, Isaiah M Richards <isaiah.m.richards@wv.gov>, amossor@wvassessor.com


To whom it may concern, plugging permits have been issued for 4708502969 08502559.

James Kennedy

WVDEP OOG

2 attachments

 **4708502559.pdf**
1497K

 **4708502969 (2).pdf**
1717K

09/08/2023