



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

Monday, June 23, 2025

WELL WORK PLUGGING PERMIT
Vertical Emergency Permit

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-033-06116-00-00

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: LEACH DAVID B & ADRIEN
U.S. WELL NUMBER: 47-033-06116-00-00
Vertical Emergency Permit
Date Issued: 6/23/2025

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. 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.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. 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.

1) Date June 18, 2025
2) Operator's
Well No. Leach 1
3) API Well No. 47-033 - 06116

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

APPLICATION FOR EMERGENCY PERMIT TO PLUG AND ABANDON USING STATE FUNDS

This permit shall be issued exclusively to the WVDEP Office of Oil and Gas for the sole purpose of mitigating an active emergency related to an oil and gas well pursuant to W. Va. Code § 22-6-6(g). This permit in no way alleviates the operator of record of any responsibilities under W. Va. Code § 22-6-1. The responsible party may be subject to cost recovery.

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

5) Location: Elevation 1009' Watershed
District Simpson County Harrison Quadrangle Rosemont

6) Well Operator Unknown - DEP Paid Plugging Contract 7) Designated Agent H. Jason Harmon
Address 601 57th St SE Address 601 57th St SE
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor (if known):
Name Randall Kirchberg Name TBD
Address Address

10) Justification for emergency plugging (provide additional supporting documentation as attachments):

On June 12, 2025, the Office of Oil and Gas (OOG) was notified by Hope Gas that an undocumented abandoned well was discovered upon light excavation to be the source of a methane leak they detected outside the residence at 224 Pennsylvania Ave. during routine checks for commercial gas leaks. Hope Gas staff notified the fire department, which put out an alert, and the residents left to stay at a hotel. The same day, OOG staff confirmed the presence of a wooden conductor of an old well that had been buried under soil and rocks, only 30" from the home's foundation. Hope Gas staff applied soap to the opening, and OOG staff confirmed on June 13 that gas is still escaping, as evidenced by active foaming. More precisely, methane is measured to be leaking at a base reading of 30% LEL, with regular spikes to 50% LEL.

Immediate action is required to prevent further risks to the home and its residents. OOG will pursue emergency plugging activities to remove the source of the leak utilizing the Reclamation Fund established under W. Va. Code § 22-6-29. Responsive actions will include the plugging of the well to state specifications and reclamation of disturbances created by the plugging efforts.

06/27/2025

11) Work Order: The work order for the manner of plugging this well is as follows (provide attachments if necessary):

WV DEP Emergency Well Plugging

API # 47-033-06116

Location: 39.290049, -80.248862

Address: 224 Pennsylvania Avenue, Bridgeport, WV

Elevation: 1010'

Well Depth: Unknown – Approximate depth 1250-1300 feet

Formation: Injun (based on wells in the vicinity that were plugged)

Coal: ~490-500 feet (Maybe)

Fresh Water: ~100 feet and ~225 feet (Maybe)

Well Status: Wooden Conductor, ~14" ID cleaned out to approx. 8 feet below ground level

Plugging Procedure:

Notify County Inspector or Inspector Specialist 24 hrs prior to plugging operations.

The city of Bridgeport will close the streets and install a water meter on the hydrant across the street.

Install plastic on the front of the house to protect it from any dirt, mud, oils, grease, cement, etc. that could get splattered during plugging ops.

Install matting as needed to protect the yard, sidewalks, etc.

Set a 20-24" cellar around the wooden conductor.

Install a joint of surface casing inside of the conductor to establish a means of controlling the well.

Clean out the well bore to a depth of 1300 feet, if possible.

If unable to reach 1300 feet, notify WV DEP for approval to accept attainable bottom.

Set a 300' Class A/Class L cement plug on bottom, Completion Plug and Elevation Plug

Tag Plug to confirm TOC

Pump a 6% Gel spacer up to 550 feet.

Set a 100' Class A/Class L cement plug across coal seam, ~450-550'

Tag Plug to confirm TOC.

Pump a 6% Gel spacer up to 250 feet.

Set a Class A/Class L cement plug from 250 feet to surface.

Top off cement if necessary and erect the monument marking the well site.

Rig down and remove all plugging equipment and reclaim the site.

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

Work order approved by inspector _____
Date _____

06/27/2025

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

Operator Name Unknown - DEP Paid Plugging Contract OP Code _____

Watershed (HUC 10) _____ Quadrangle Rosemont

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: _____

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 _____)

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. Landfill

-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 Jason Harmon

Company Official (Typed Name) Jason Harmon

Company Official Title Deputy Chief

Subscribed and sworn before me this _____ day of _____, 20____

_____, Notary Public

My commission expires _____

06/27/2025

Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____

Lime _____ Tons/acre or to correct to pH _____

Fertilizer type _____

Fertilizer amount _____ lbs/acre

Mulch _____ Tons/acre

Seed Mixtures**Temporary****Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

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: _____

Title: _____ Date: _____

Field Reviewed? () Yes () No

06/27/2025



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-033-06116 WELL NO.: 1

FARM NAME: _____

RESPONSIBLE PARTY NAME: UNKNOWN-DEP PAID PLUGGING CONTRACT

COUNTY: Harrison DISTRICT: Simpson

QUADRANGLE: Rosemont

SURFACE OWNER: Leach David B & Adrienne F London

ROYALTY OWNER: NA

UTM GPS NORTHING: 4349227.49

UTM GPS EASTING: 564776.91 GPS ELEVATION: 1009

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and 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 ____

4. **Letter size copy of the topography map showing the well location.**

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

Title

Date

06/27/2025



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

plugging permit issued for 4703306116

1 message

Kennedy, James P <james.p.kennedy@wv.gov> Mon, Jun 23, 2025 at 2:08 PM
To: Terry Rexroad <var304@aol.com>, Henry J Harmon <henry.j.harmon@wv.gov>, Randall M Kirchberg <randall.m.kirchberg@wv.gov>, Kenny S Willett <kenny.s.willett@wv.gov>, dpalmer@harrisoncountywv.com

To whom it may concern, a plugging permit has been issued for 4703306116.

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James Kennedy

Environmental Resource Specialist III / Permitting


WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

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06/27/2025