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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Thursday, July 11, 2024

WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-005-00316-00-00

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: ROGER FLIPPEN  
U.S. WELL NUMBER: 47-005-00316-00-00  
Vertical Plugging  
Date Issued: 7/11/2024

Promoting a healthy environment.

07/12/2024

## **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**

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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.

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1) Date 6/11, 20 24  
2) Operator's  
Well No. FLIPPEN#1  
3) API Well No. 47-005 - 00316

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 X / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 890' Watershed DOG FORK/TRACE CREEK  
District WASHINGTON County BOONE - 005 Quadrangle HENLAWSON

6) Well Operator WV DEP PAID PLUGGING CONTRACT 7) Designated Agent JASON HARMON  
Address 601 57TH STREET S E Address 601 57TH STREET S E  
CHARLESTON, WV 25304 CHARLESTON, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name ALLEN FLOWERS Name UNKNOWN AT THIS TIME  
Address 165 GRASSY LICK ROAD Address \_\_\_\_\_  
LIBERTY, WV 25124

10) Work Order: The work order for the manner of plugging this well is as follows:  
**SEE PLUGGING WORK PLAN ON NEXT PAGE.**

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

Work order approved by inspector ALLEN FLOWERS Date 6/11/2024

07/12/2024

240

270

300

330

☉ 287°W (T) ☉ 37.988036°N, 81.918192°W ±13ft ▲ 932ft



005-00316

10 Jun 2024, 11:37:37 AM

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PLUGGING PROJRCT  
API # 47-005-00316  
Well name Flippen #1

**REMEDICATION AND/OR PLUGGING WORK PLAN**

Notify Inspector Specialist, Allen Flowers at [allen.d.flowers@wv.gov](mailto:allen.d.flowers@wv.gov) or (304) 552-8308. **Notification is required 24 hrs prior to commencing plugging operations**

1. Move in and rig up to the well, blow down well. Trip in hole and check TD. Pull all tubing and packer. If all tubing cannot be retrieved contact inspector specialist for approved cut and depth.
2. Once TD has been reached and approved by inspector specialist a bond log will be ran inside the 6-5/8" casing to determine casing depth and cement bond locations. Any casing in the well that is not bonded with cement must be perforated at all points approved by inspector specialist.
3. TIH to TD and spot 6% gel followed by cement plug from 1320' to 1100'. Trip out of hole, WOC. TIH tag top of cement plug. Add cement if needed.
4. TIH free point and cut 6-5/8" casing utilizing info from the bond log. NOTE, any of the 6-5/8" casing that is not bonded with cement and cannot be retrieved must be perforated at 110' to cover fresh water show and 890' to cover elevation.
5. Once 6-5/8" casing has been removed or perforated at all points approved by inspector specialist TIH with tubing and spot 6% gel from 1100' to 940' followed by cement plug from 940' to 840' to cover elevation. Trip tubing out of hole, WOC. TIH tag top of plug. Add cement if needed.
6. TIH with tubing and spot 6% gel from 840' to 600' followed by cement plug from 600' to 500'. Trip tubing out of hole, WOC. TIH tag top of cement plug. Add cement if needed.
7. TIH with tubing and spot 6% gel from 500' to 300' followed by cement plug from 300' to surface.
8. Rig down and set well monument. Reclaim well site.

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9. NOTE.. Any casing found in the well with out cement in the annulus that cannot be retrieved must be perforated and cement at all saltwater, freshwater, coal, oil, gas, casing shoe and elevation points.

10. . Class L cement will be used as a replacement for Class A cement during Supply chain interruptions.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. B00-316-D

Oil or Gas Well Gas  
(Kind)

Company <u>Morehead Gas Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. Box 1722, Charleston, W. Va.</u>	Size			
Farm <u>J. H. Purdue</u> Acres <u>47</u>	16.			Kind of Packer
Location (waters) <u>Trace Fork of Big Creek</u>	13.			<u>Gas Anchor</u>
Well No. <u>1</u> Elev.	10.	<u>31'6"</u>	<u>31'6"</u>	Size of <u>2"x8 5/8"</u>
District <u>Washington</u> County <u>Boone</u>	8 1/2	<u>752'</u>		<u>16"</u>
The surface of tract is owned in fee by <u>J. H. Purdue</u>	6%	<u>1145'2"</u>	<u>1145'2"</u>	Depth set <u>1200'</u>
Mineral rights are owned by <u>The Cabell Company</u>	5 3/16			
Address <u>Charleston, W. Va.</u>	3.			Perf. top <u>1315'</u>
Drilling commenced <u>May 14, 1940</u>	2.		<u>1365'1"</u>	Perf. bottom <u>1335'</u>
Drilling completed <u>June 2, 1940</u>	Liners Used			Perf. top
Date shot <u>No</u> Depth of shot				Perf. bottom
Open Flow <u>12/10ths Water in</u> <u>2</u> Inch	CASING CEMENTED SIZE No. Ft. Date			
<u>/10ths Merc. in</u> <u>Inch</u>	COAL WAS ENCOUNTERED AT FEET INCHES FEET INCHES FEET INCHES			
Volume <u>539,000</u> Cu. Ft.				
Rock Pressure <u>225</u> lbs. <u>2 1/2</u> hrs.				
Oil <u>bbls., 1st 24 hrs.</u>				
Fresh water <u>feet</u> <u>feet</u>				
Salt water <u>feet</u> <u>feet</u>				

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Laxon			904	976	Water	935	
Red Rock			976	1000			
Slate & Shells			1000	1040			
Red Rock			1040	1050			
Slate & Shells			1050	1115			
Little Lime			1115	1155			
Big Lime			1155	1355			
Tujun Sand			1355	1355	Gas	1309	7/10 7 in 1"
					Gas	1315	16/10 7 in 1"
					Gas	1324	12/10 11 in 2"

O. B. Cunningham Company  
Charleston, West Virginia Address  
 WELL NO. 1 FARM Jess Pardee

COMPLETION DATA SHEET  
 NO. 2  
 FORMATION RECORD

Name	Color	Character	Oil Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Gravel				0	32			
Sand				32	50			
Slate			Water 110'	50	120			
Shell				120	122			
Slate				122	160			
Sand				160	265			
Slate				265	275			
Salt Sand				275	405			
Slate				405	417			
Sand				417	475			
Slate				475	483			
Ss				483	727			
Sl	White			727	747			
Lime	White			747	763			Sot Packer 753
Slate	Black			763	795			
Rock	Red			795	798			
Lime Shell				798	806			
Rock	Red			806	845			
Slate	White			845	850			
Slate & Shells				850	906			
Maxon Sand			Gas 910-920	906	920			
							920'	

shot  
 Well was not shot at ..... feet; well was shot at ..... feet.

-64t salt  
 Fresh water at ..... 110' ..... feet; fresh water at ..... feet.

producing  
 Well was ..... hole.  
 dry

May 25, 1936 Date Approved O. B. Cunningham Owner



NOTE: Geographical formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district, as well as any local names commonly used in the district for such strata.



1) Date: 6/11/2024  
2) Operator's Well Number  
FLIPPEN # 1  
3) API Well No.: 47 - 005 - 00316

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>ROGER FLIPPEN</u>	Name <u>N/A</u>
Address <u>1765 DOG FORK ROAD</u>	Address _____
<u>CHAPMANVILLE, WV 25508</u>	_____
(b) Name _____	<b>(b) Coal Owner(s) with Declaration</b>
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
<b>6) Inspector</b> <u>ALLEN FLOWERS</u>	<b>(c) Coal Lessee with Declaration</b>
Address <u>165 GRASSY LICK ROAD</u>	Name <u>N/A</u>
<u>LIBERTY, WV 25124</u>	Address _____
Telephone <u>(304) 552-8308</u>	_____

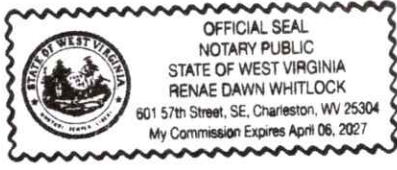
**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (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 WV DEP PAID PLUGGING CONTRACT  
 By: *Jason Harmon*  
 Its: \_\_\_\_\_  
 Address 601 57TH STREET S E  
CHARLESTON, WV 25304  
 Telephone (304) 926-0499 EX 41100



Subscribed and sworn before me this 12th day of June 2024  
*Renae Dawn Whitlock* Notary Public  
 My Commission Expires April 6, 2027

**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](mailto:depprivacyoffier@wv.gov).

07/12/2024

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

I, the undersigned, have been notified by a representative from the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas, of an abandoned well(s) and/or tank(s) on or adjacent to my property.

This well(s) and/or tank(s) is considered a potential hazard or imminent danger, or a possible pollutant to the surface or underground, or is wasting natural resources (leaking) and must be properly plugged or cleaned out and replugged.

I hereby acknowledge that I have no objection to the State of West Virginia having responsible contractors enter upon or traverse my property for the purpose of plugging this well (s) and/or remove tank(s).

Permit No. (if known)	<input type="text" value="47 - 005 - 00316"/>	Well No. (if known)	<input type="text" value="# - 1"/>
Farm Name	<input type="text" value="ROGER FLIPPEN"/>	County	<input type="text" value="BOONE - 005"/>
District	<input type="text" value="WASHINGTON"/>	Waters of	<input type="text" value="DOG FORK / TRACE FORK CREEK"/>

The contractor will properly plug the above named well(s), remove all material from the well location and reclaim, seed and mulch the well location and well road accesses used to state specifications. The plugging and reclamation shall be supervised by the WVDEP.

Owner Name	<input type="text" value="Roger G. Flippen, Jr."/>	Owner Signature	<input type="text" value="Roger G. Flippen, Jr."/>
Owner Address	<input type="text" value="1765 DOG FORK ROAD"/>	Date	<input type="text" value="6-10-24"/>
	<input type="text" value="CHAPMANVILLE, WV 25508"/>		

Please Return To: WVDEP - OFFICE OF OIL AND GAS  
601 57<sup>th</sup> Street S. E.  
Charleston, WV 25304

**SURFACE OWNER WAIVER**

Operator's Well  
Number

47 -005 - 00316

**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 57<sup>th</sup> 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..."

**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 6-10-24

Name  
By  
Its

WV DEP PAID PLUGGING CONTRACT

Date

Signature

Date 07/12/2024

**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.

**WAIVER**

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

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

Operator Name WV DEP PAID PLUGGING CONTRACT OP Code \_\_\_\_\_

Watershed (HUC 10) DOG FORK/TRACE CREEK Quadrangle HENLAWSON

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: N/A

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 UNKNOWN AT THIS TIME )
- 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: N/A

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

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

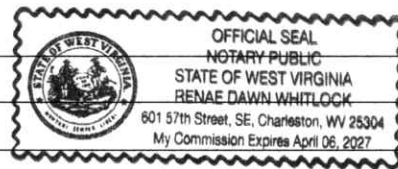
-Landfill or offsite name/permit number? UNKNOWN AT THIS TIME

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 [Signature]  
Company Official (Typed Name) JASON HARMON  
Company Official Title DEPUTY CHIEF



Subscribed and sworn before me this 12th day of June, 2024  
[Signature] Notary Public  
My commission expires April 6, 2027

Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH N/A

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10 - 10 - 20

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
N/A		FESCUE	30
		CONTRACTOR MIX	10
		CLOVER	10

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: ALLEN FLOWERS

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: INSPECTOR Date: 6/11/2024

Field Reviewed? (  ) Yes (  ) No

**PLUGGING PROJECT**

**API # 47-005-00316**

**FLIPPEN # 1**

**Site Preparation:**

200 Ft of silt fence will be installed around the well site and driveway to isolate the disturbed areas from the landowner's home and yard. The area around the well 50' x 100' will need to be flattened, smoothed and may be covered with tie mats to stabilize the plugging equipment. All production equipment shall be dismantled and removed from the well site. A minimum 24" cellar will be installed around the well head. A temporary wall will be constructed between the well and the landowner's house. The wall shall be a minimum of 8' in height and 50' in length. The wall may be constructed from wood, metal, plastic or other materials that have been pre-approved. A temporary driveway will be constructed and stoned for the landowners to use during the plugging process, estimated size 40' x 80'. The tree that is next to the well shall be cut down and removed from the property.

07/12/2024

**PLUGGING PROJECT**

**FLIPPEN # 1**

**API # 47-005-00316**

**Site Reclamation:**

All production equipment shall be removed and disposed of. All silt fences shall be removed and disposed of. All tie mats shall be removed from the well site and driveway. The cellar shall be removed from around the well head. The temporary wall constructed between the well and house shall be removed and disposed of. All disturbed areas will be smoothed, seeded and mulched. The driveway will be stoned with approved size from the homeowner. A well monument will be installed at the well head, minimum 6" diameter and 42" above final grade.

07/12/2024



WELL PLUGGING PROJECT

API # 47-005-00316

FLIPPEN # 1

**Well detail:**

The Office of Oil and Gas does have a well record for the subject well (47-005-00316). The record shows the well TD at 1360', additionally the record shows 31' of 10" conductor, 1150' of 6-5/8" casing, 1369' of 2" tubing with packer set at 1100'. The record shows fresh water at 110'. No coal or salt water was reported. The elevation at the wellhead is 890'. The production zone for this well was reported as the Injun sand at 1355'.

**Site-based considerations:**

The well is located 20' from the landowners residence. The well site is flat and covered in grass. The well is currently leaking gas from a valve that is attached to the well head. The area around the wellhead shall be covered with mats, no stone will be used beyond the driveway. The tree next to the wellhead shall be cut and removed from the property. There is no storage tank associated with the subject well. OOG will contact locate 811 to have all sub surface utilities marked. A temporary driveway will be constructed and stoned for the landowner to use during the plugging of the well, estimated size 40' x 80'.

07/12/2024

**Well Name Flippen # 1**  
**PLUGGING PROJECT**  
**API # 47-005-00316**

**I. SPECIAL PROVISIONS**

**1.0 Location/Site Description**

Located at 1765 Dog Fork Road Chapmanville, WV 25508

The GPS location is as follows:

Coordinates, Decimal Degrees 37.987909, -81.918344

**Directions to site:**

**From the Charleston Area:**

Take US-119 S and continue 36 miles. Turn left on Dog Fork Road and continue 0.6 mile. Turn left on Dog Fork/Workman Road and continue 0.3 mile to the well site on the left side of the road. The well will be located in the front yard of 1765 Dog Fork Road.

**From the Logan Area:**

Take US-119 N and continue 15 miles. Turn right on Dog Fork Road and continue 0.6 mile. Turn left on Dog Fork/Workman Road and continue 0.3 mile to the well site on the left side of the road. The well will be located in the front yard of 1765 Dog Fork Road.



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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone (304) 926-0450

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

**BEFORE THE OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM )  
LEGISLATIVE RULE 35CSR4 ) ORDER NO. 2022-13  
SECTION 14.1. AND LEGISLATIVE RULE )  
35CSR8 SECTION 20.1, )  
RELATING TO THE CEMENTING )  
OF OIL AND GAS WELLS )**

**REPORT OF THE OFFICE**

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

**FINDINGS OF FACT**

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

### **CONCLUSIONS OF LAW**

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.


### **ORDER**

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



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James Martin, Chief  
Office of Oil and Gas

07/12/2024



07/12/2024

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47 - 005 - 00316 WELL NO.: FLIPPEN # 1

FARM NAME: ROGER FLIPPEN

RESPONSIBLE PARTY NAME: WV DEP PAID PLUGGING CONTRACT

COUNTY: BOONE - 005 DISTRICT: WASHINGTON

QUADRANGLE: HENLAWSON

SURFACE OWNER: ROGER FLIPPEN

ROYALTY OWNER: YAWKEY AND FREEMAN CO.

UTM GPS NORTHING: 4204872.2

UTM GPS EASTING: 419357.6 GPS ELEVATION: 890'

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

INSPECTOR

Title

6/11/2024

Date

07/12/2024

State of West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**Abandoned Well Inspection Form**

**I. Well Identification**      well score       well class       sub class

API Number:       Assigned Number:

Well Operator:

Farm/Landowner:       Well Number:

**II. Well Location**

Quad:       District:       County:

Latitude:       Longitude:

**III. Impacts to public health or safety**

1. Does this well appear to be an immediate threat to human health or safety, i.e., sinkhole, explosion hazard, noxious gas/chemicals, unstable equipment? If yes, explain. NO  YES

*Note: An affirmative response to Question 1 results in an automatic Class 1 designation*

2. Does this well appear to be a potential (i.e., non-imminent) threat to human health or safety. If yes, explain. NO  YES

*Note: An affirmative response to this question results in an automatic Class 2 designation*

There was a small leak on the well head that has grown into the tree. The leak could become a potential threat to human safety and health of the people living around the well and the area.

**IV. Impacts to the environment**

3. Is this well leaking fluids (i.e., oil and/or saltwater) at the surface? Is leakage minor or significant? Check all that apply. If yes, explain, and include an estimate on the volume of fluids leaking.

NO       OIL       MINOR       SIGNIFICANT   
Yes       SALTWATER       MINOR       SIGNIFICANT

*Note: An affirmative response for significant leakage of any fluids for Question 3 results in an automatic Class 1 designation. Minor leakage results in a Class 2 designation.*


4. Is there evidence of contaminated soil around the wellhead? NO  YES   
If yes, explain and estimate the size of the impacted area.


5. If yes to question 3, has fluid leakage escaped the well location? NO  YES   
If yes, explain.

*Note: An affirmative response to Question 5 results in an automatic Class 1 designation*


6. Is there evidence of groundwater contamination within 1,000 ft of well. NO  YES   
If yes, explain.

*Note: An affirmative response to Question 6 will result in an automatic Class 1 designation*




IR-9FWell Class: \_\_\_\_\_

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7. Is this well leaking gas? Is leakage minor or significant? Check all that apply. If yes, explain detection methodology and include gas detector make and model, if used. Note that any well exhibiting leaking methane is subject to contract methane quantification requirements.

NO       METHANE       MINOR       SIGNIFICANT   
Yes       H<sub>2</sub>S

*Note: An affirmative response for significant leakage of methane or any H<sub>2</sub>S for Question 7 results in an automatic Class 1 designation. Minor leakage of methane results in a Class 2 designation.*


8. Well condition, check all that apply. If yes, explain.

a. Severely deteriorated (or absent) surface casing:      NO  YES   
b. Severely deteriorated (or absent) production casing:      NO  YES

*Note: An affirmative response to both Questions 8a and 8b will result in an automatic Class 1 designation, otherwise Class 2.*


9. Approximate well dates (if known):

Activity	< 25 years	25 – 50 years	> 50 years	Approximate year
Well Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1936
Well Abandonment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

10. What is the approximate distance of the well to the nearest planned or active mineral development, check all that apply:

Mineral Resource	0 – 1000'	1000-2000'	>2,000'
a. Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Gas	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Coal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Limestone	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

IR-9FWell Class: \_\_\_\_\_

Rev: 09/2022

*Note: The presence of planned or active mineral development within 1,000' of the subject well will result in an automatic Class 1 designation. Development within 2,000' of the subject well results in a Class 2 designation.*

11. What is the approximate distance of the well to the nearest water resource, check all that apply:

Water Resource	0 – 100'	100-500'	>500'	Identity
a. Drinking water	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
b. River/stream	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
c. Lake/Reservoir	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>

12. Estimate number of people residing within 1,000' of the well location:

	0 – 20	> 20
a. Number of residents	<input type="checkbox"/>	<input checked="" type="checkbox"/>

13. Current land use (check all that apply):

AGRICULTURAL  COMMERCIAL  RECREATIONAL  RESIDENTIAL   
UNDEVELOPED  OTHER:

14. Is there refuse or other debris on location? If yes, explain. NO  YES

15. Is the well located in a disadvantaged community, as defined by [CEJST](#)

No  Yes

If yes identify all factors for which the community was flagged as disadvantaged (i.e, 90<sup>th</sup> percentile)

A. Climate change <input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
B. Energy <input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C. Health <input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
D. Housing <input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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IR-9FWell Class: \_\_\_\_\_

Rev: 09/2022

E. Legacy pollution

Abandoned Mine Land

F. Transportation

Transportation Barriers

G. Water and wastewater

H. Workforce development

High School Education

**V. Inspection certification**

Inspection Date and Time:

I hereby certify that all the information contained in this inspection report (or any other accompanying or required documents) is correct, accurate and complete to the best of my knowledge. I understand that the falsification, misrepresentation, or omission of any facts in said documents may be cause for non-payment under terms of the contract.

Signature:

Printed Name:

Title:

Date:

07/12/2024

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Complaint Information Form

1. Date complaint taken:  Reply Due

2. Person taking complaint:

3. Person reporting complaint: Name:   
  
Phone No.:

4. Emergency Spill?  Yes  No HSEM Ref #

5. Company/person complaint is against / API#, Well Number, Farm Name, Etc:  
  
a. Have they been contacted?  Yes  No.  
b. County:

6. What are the specific directions to the site?

7. Complaint in detail -

8. Does this complaint involve dust issues?  Yes  No.  
 Well Pad  Access Road  Public Road  Other

9. Inspector Assigned:

10. Inspectors remarks:  
a. Date Complainant Contacted:

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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).



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

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## plugging permit issued 4700500316

1 message

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

Thu, Jul 11, 2024 at 11:03 AM


To: Henry J Harmon <henry.j.harmon@wv.gov>, Allen D Flowers <allen.d.flowers@wv.gov>, scook@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4700500316.

James Kennedy

WVDEP OOG

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 **4700500316.pdf**  
3302K

07/12/2024