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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)

Friday, July 7, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT  
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1  
47-085-00273-00-00

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: 1  
Farm Name: HAUGHT FAMILY TRUST  
U.S. WELL NUMBER: 47-085-00273-00-00  
Vertical Plugging  
Date Issued: 7/7/2023

# 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. 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.

07/07/2023

1) Date 5/10, 2023  
2) Operator's  
Well No. HAUGHT # 1  
3) API Well No. 47-085 - 00273

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 671' Watershed HUGHES RIVER  
District MURPHY County RITCHIE Quadrangle SMITHVILLE
- 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.**

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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 5/10/2023

07/07/2023

## WELL PLUGGING PROJECT

API # 47 - 085 - 00273

HAUGHT # 1

### Well detail:

The Office of Oil and Gas has a well record for the subject well. The record shows well site elevation at 671'. The record shows 42' of 10" conductor, 841' of 6-5/8" casing and 1769' of 2" tubing and packer. Packer size, 6-5/8" x 2" set at 1593'. There is a fresh water show at 121' and 665'. A gas show at 1683'. The producing formation is the Big Injun sand from 1680 to 1734'.

### Site-based considerations:

The subject well is located in a hayfield off Rte 47. The well site is flat and covered in grass. A service road will need to be constructed from Rte. 47 to the well, estimated 400'. The well is currently leaking gas and water at the surface, not exceeding the limits of the well site. There is no production line attached to the wellhead and no storage tank at the well site. The well is located 150' from the Hughes river. Mats can be used on the road and well site for stabilization. Stone cannot be used. OOG will contact locate 811 to have all subsurface utilities marked.

07/07/2023

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL  
(REQUIRED BY SECTION 3, CHAPTER 86, ACTS 1929)  
WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS SECTION

To THE DEPARTMENT OF MINES,  
Charleston, W. Va.

None \_\_\_\_\_ COAL OPERATOR OR COAL OWNER

W. H. Biokel \_\_\_\_\_ NAME OF WELL OPERATOR

R. 4, Parkersburg, W. Va. \_\_\_\_\_ COMPLETE ADDRESS

Owner of mineral rights: \_\_\_\_\_ COAL OPERATOR OR COAL OWNER

S. Hardman, \_\_\_\_\_ COAL OPERATOR OR COAL OWNER

Smithville, W. Va. \_\_\_\_\_ ADDRESS

October 8th., 1934 \_\_\_\_\_ PROPOSED LOCATION

Murphy \_\_\_\_\_ District

Ritchie \_\_\_\_\_ County

Well No. 1 \_\_\_\_\_

S. Hardman \_\_\_\_\_ Farm

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated

November 10th., 1933 made by S. Hardman and wife, to W. H. Biokel, and recorded on the 18th. day of July, 1934, in the office of the County Clerk for said County in Book 52, page 383

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location, will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above

named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

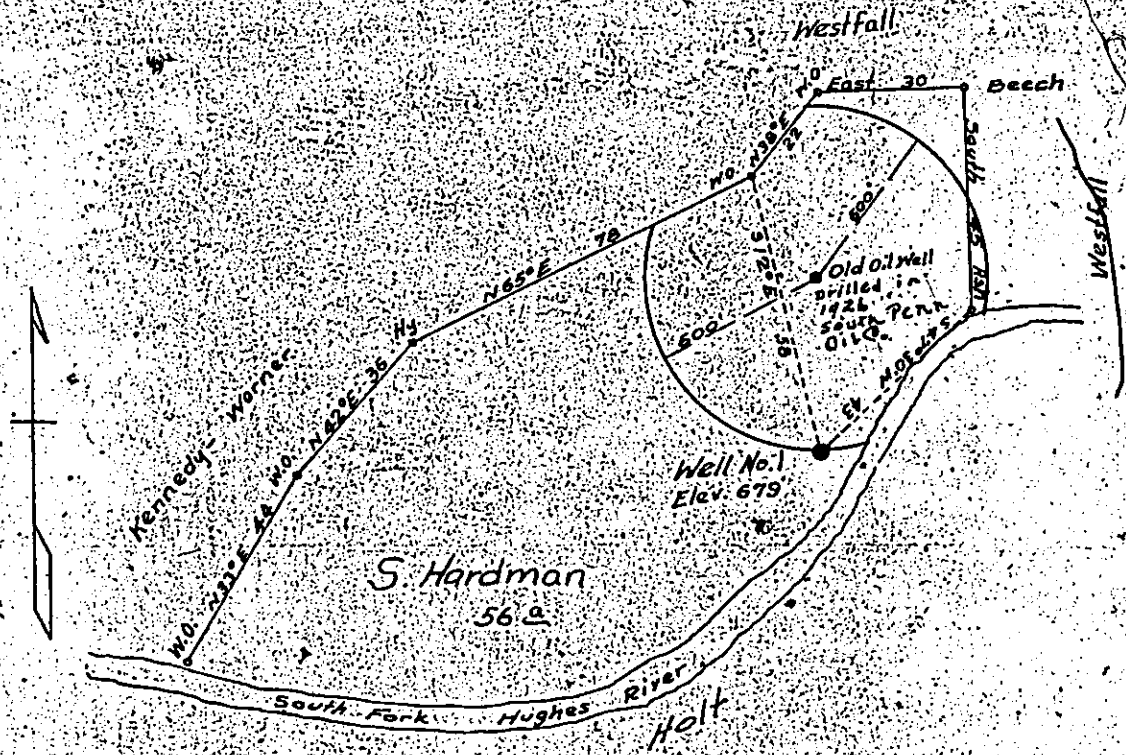
*W. H. Biokel*  
WELL OPERATOR

Address of Well Operator }  
Route 4, \_\_\_\_\_ STREET  
Parkersburg, \_\_\_\_\_ CITY OR TOWN  
West Virginia \_\_\_\_\_ STATE

\*Section 3. . . . If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.



Plat of the proposed location of Well No. 1, of the W. H. Bickel, Parkersburg, West Virginia, on the S. Hardman farm, consisting of 56 acres, located in Murphy district, Ritchie county, West Virginia.



ENGINEER'S CERTIFICATE

RIT-273

I, the undersigned, hereby certify that this Map is correct and shows all the information, to the best of my knowledge and belief, required by the Oil and Gas Section of the Mining Laws of West Virginia.

*Lester McDonald*  
 Reg. Engineer No. 610

Acknowledged before me, a Notary Public, this the 8th, day of October, 1934.

*Lester Poling*  
 Notary Public.

My commission expires *March 5, 1941*

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. RIT - 275

Oil or Gas Well Gas

Company	W. H. Bickel			Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	R 4, Parkersburg, W. Va.			Size			
Farm	S. Hardman	Acres	52	16 Wood	16	16	Kind of Packer
Location (waters)	South Fork of Hughes River			18			Anchor
Well No.	One	Elev.	679	10	42	42	Size of 6-5/8" X 2"
District	Murphy	County	Ritchie	8 1/2	248		Depth set 1593
The surface of tract is owned in fee by	S. Hardman			6 1/2	841	841	
Mineral rights are owned by	S. Hardman			5 3/16			Perf. top 1629
Drilling commenced	September 15, 1934			2		1769	Perf. bottom 1650
Drilling completed	November 7th, 1934			2			Perf. top
Date Shot	11-7-34	From	1681	2			Perf. bottom
With	50 quarts of nitro-glycerine			Liners Used			
Open Flow	16/10ths Water	in	Two				
	/10ths Merc.	in					
Volume							
Rock Pressure	525	lbs.	72				
Oil							
Fresh water	665	feet					
Salt water		feet					

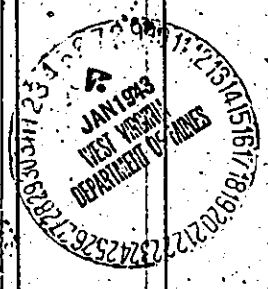
CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

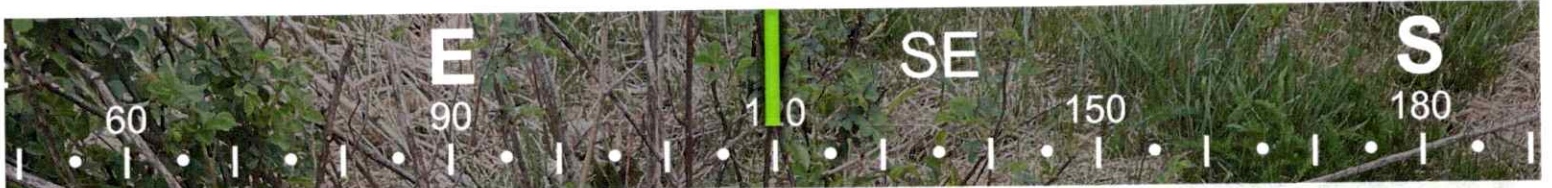
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface clay			0	16			
Quick sand			16	40			
Sand			40	80			
Slate			80	130			
Red rock			130	140			
White slate			140	150			
Sand			150	180			
Red rock			180	220			
Slate			220	260			
Sand			260	320			
Slate			320	380			
Sand			380	420			
Slate			420	450			
Sand			450	475			
Red rock			475	525			
Lime			525	570			
Red rock			570	590			
White slate			590	645			
Lime			645	678	Water	665	
Slate			678	762			
Gobel rock			762	774			
Slate			774	836			
BIG DUNKARD SAND			836	875			
Slate			875	943			
Lime			943	1000			
Slate			1000	1030			
Sand			1030	1083			
Slate			1083	1093			
Sand			1093	1144			
Slate			1144	1214			
Sand			1214	1275			
Slate			1275	1320			
Sand			1320	1363			
Slate			1363	1470			
THIRD SALT SAND			1470	1502			
Slate			1502	1521			
MAXON SAND			1521	1550			
LITTLE LIME			1550	1570			
Pencil Cave			1570	1576			
BIG LIME			1576	1655			
KRENER SAND			1655	1680			
BIG INJUN SAND			1680	1734			
Slate			1734	1769		1683-1754	



07/07/2023





☀ 120°SE (T) ● 39.074488°N, 81.111164°W ±13ft ▲ 671ft





WELL API # 47 – 085 - 00273  
HAUGHT # 1  
PLUGGING WORK ORDER

The work order for the manner of plugging this well is as follows:

1. Notify inspector specialist, Allen Flowers @ (304) 552-8308.  
Email address is [Allen.D.Flowers@wv.gov](mailto:Allen.D.Flowers@wv.gov) , **Notification is required 24 hrs prior to commencing plugging operations.**
2. Move in and rig up to existing 10" inch casing.
3. TIH pull all 2" tubing and packer if found.
4. TIH check TD @ or below 1680'. If TD cannot be reached begin cleaning out hole to approved depth/TD by inspector.
5. Once TD has be reached and approved by inspector a bond log will be ran inside the 6-5/8" casing to determine cement bond location and free points.  
Any casing found with out cement in the annulus that cannot be retrieved must be perforated at all required locations.
6. TIH to TD @ 1680' with tubing, spot 6% gel followed by cement from 1680' to 1480'. TOH, WOC tag top of plug. Add cement if needed.
7. TIH and free point the 6-5/8s casing, If casing cannot be removed Perforate @ approved location by Inspector specialist.
8. TIH with tubing, spot gel from 1480' to 1200' followed by cement plug from 1200' to 1100'. TOH, WOC tag top of cement plug. Add cement if needed.
9. TIH with tubing, spot gel from 1100' to 750' ' followed by cement plug from 750' to 550'. TOH, WOC tag top of cement plug. Add cement if needed.
12. TIH with tubing, spot gel from 550' to 200' followed by cement plug from 200' to surface.
13. Rig down and install monument, reclaim site.  
**NOTE.. Any casing found in the well with out cement In the annulus that Cannot be retrieved must be perforated and cemented at all saltwater, Freshwater, coal, gas, casing shoe and elevation points.**
14. **Class L cement will be used as a replacement for Class A cement during Supply chain interruptions.**

1) Date: 5/10/2023  
2) Operator's Well Number  
HAUGHT # 1  
3) API Well No.: 47 - 085 - 00273

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

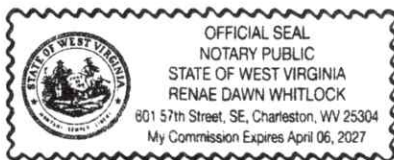
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>HAUGHT FAMILY TRUST</u>	Name <u>N/A</u>
Address <u>210 E MAIN STREET</u>	Address _____
<u>HARRISVILLE, WV 26362</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>165 GRASSY LICK ROAD</u>	(c) Coal Lessee with Declaration
Address <u>LIBERTY, WV 25124</u>	Name <u>N/A</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 30th day of June 2023  
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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

07/07/2023



**SURFACE OWNER WAIVER**

Operator's Well  
Number

47 - 085 - 00273

**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	5/10/27	Name	WV DEP PAID PLUGGING CONTRACT
			By	
			Its	Date

Signature

Date  
07/07/2023



west virginia department of environmental protection

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



James Martin, Chief  
Office of Oil and Gas

07/07/2023

WW-9  
(5/16)

API Number 47 - 085 - 00273  
Operator's Well No. HAUGHT # 1

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) HUGHES RIVER Quadrangle SMITHVILLE

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

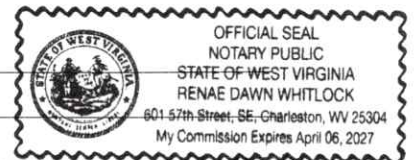
-Landfill or offsite name/permit number? UNKNOWN AT THIS TIME

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 Jason Harmon  
Company Official (Typed Name) JASON HARMON  
Company Official Title DEPUTY CHIEF



Subscribed and sworn before me this 30th day of June, 2023

Rene Dawn Whitlock Notary Public

My commission expires April 6, 2027

07/07/2023



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

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.

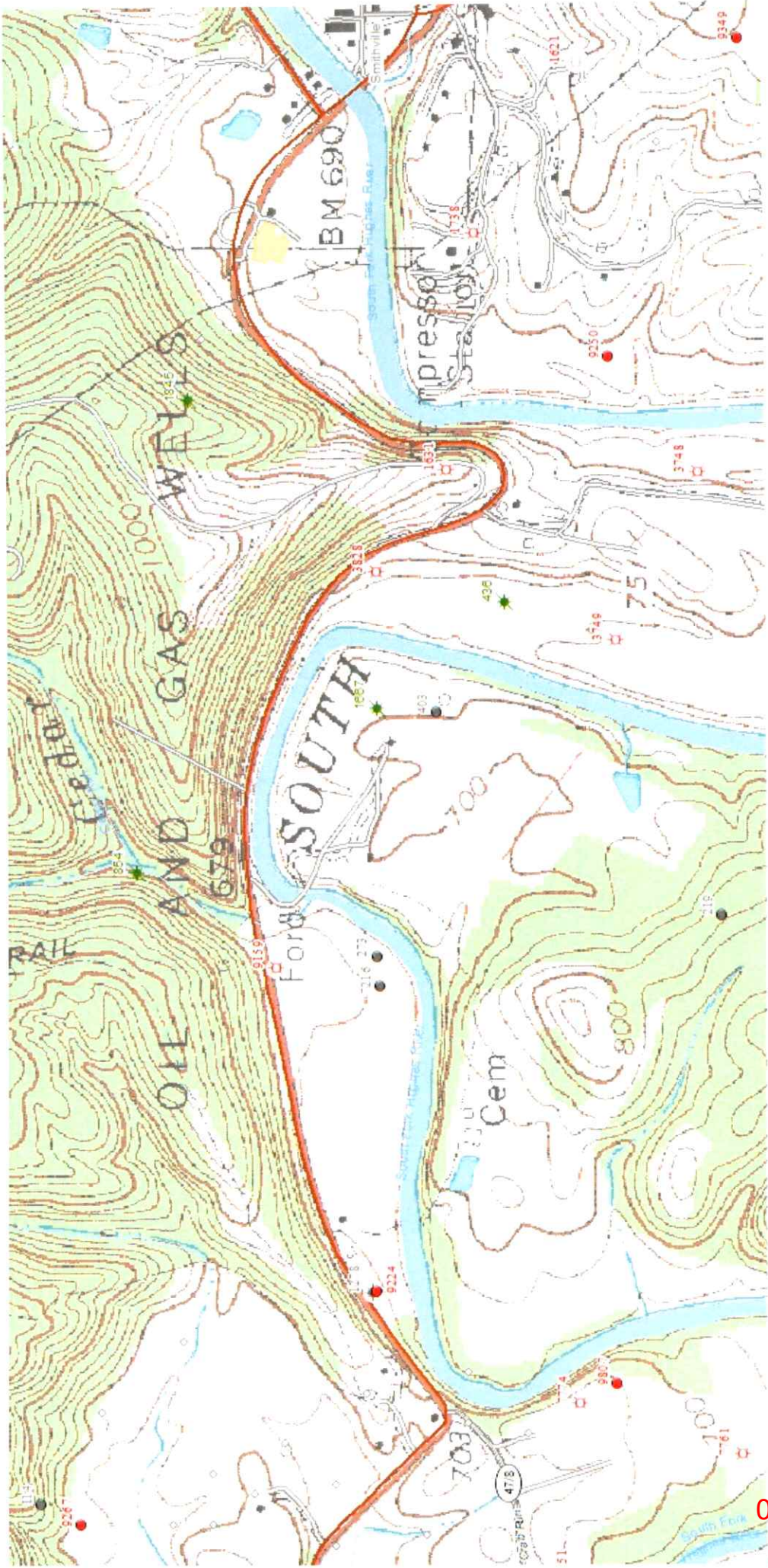
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: ALLEN FLOWERS

Comments:

Title: INSPECTOR Date: 5/10/2023

Field Reviewed? (XX) Yes ( ) No



07/07/2023



**HAUGHT # 1 Well**  
**PLUGGING PROJECT**  
**API #47-085-00273**

**I. SPECIAL PROVISIONS**

**1.0 Location/Site Description**

Located at State Rte. 47 Smithville WV 26137

The GPS location is as follows:

Coordinates, Decimal Degrees 39.074488 E; -081.111164 W

**Directions to site:**

**From the Charleston Area:**

Take I-77 N 71 miles to exit 174 Staunton Ave/ WV-Rte.47. Turn left on Rte. 47 E continue 33 miles and well site will be on the right side of Rte. 47 in hay field.

**Approaching from the Parkersburg Area:**

Take I-77 S to exit 174 Staunton Ave/WV-Rte.47. Turn left on Rte. 47 E continue 33 miles and well site will be on the right side of Rte. 47 in hay field.

07/07/2023

WW-7  
8-30-06



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

API: 47 - 085 - 00273 WELL NO.: HAUGHT # 1

FARM NAME: HAUGHT FAMILY TRUST

RESPONSIBLE PARTY NAME: WV DEP PAID PLUGGING CONTRACT

COUNTY: RITCHIE - 085 DISTRICT: MURPHY

QUADRANGLE: SMITHVILLE

SURFACE OWNER: HAUGHT FAMILY TRUST

ROYALTY OWNER: HAUGHT FAMILY TRUST

UTM GPS NORTHING: 4325048.53

UTM GPS EASTING: 490384.21 GPS ELEVATION: 671'

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 X : 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

5/10/2023  
Date

07/07/2023



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

**Abandoned Well Inspection Form**

API NUMBER	47 - 085 - 00273	ASSIGNED NUMBER	N/A		
WELL OPERATOR	OPERATOR UNKNOWN				
FARM NAME	HAUGHT FAMILY TRUST	WELL NUMBER	HAUGHT # 1		
QUAD	SMITHVILLE	DISTRICT	MURPHY	COUNTY	RITCHIE - 085
GPS FIELD READING	Latitude	39.074488	Longitude	-81.111164	
DATE AND TIME OF READING	5/10/2023 @ 11:00 AM				

WELL SCORE

WELL CLASS

- Does this well appear to be a potential or immediate threat to human health or safety?  
If yes, please describe situation. 

Potential threat	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Immediate threat	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Is this well leaking oil, gas or saltwater at the surface?  
Check all that apply. 

Oil	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Saltwater	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- If yes to question #2, check the appropriate response below:

-Significant leakage exceeds the limits of the well location	<input type="checkbox"/>	<input checked="" type="checkbox"/>
-Significant leakage at the surface of the well	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-minor leakage at the surface restricted to the well location	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- What is the condition of the well casing?  
Check all that apply. 

-Either no production or surface casing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-Severely deteriorated surface casing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-Severely deteriorated production casing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-Evidence of ground water contamination within 1000' of this well.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Check the appropriate response below. 

-planned or active mineral resource development within 1000' of well	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-planned or active mineral resource development within 1000' to 2000' of well	<input type="checkbox"/>	<input checked="" type="checkbox"/>
-planned or active mineral resource development within 2000' of well	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Identify the type if applicable (oil, gas, coal, limestone, etc.)
- Check the appropriate response below if applicable. 

-well is within 100' of a drinking water source	<input type="checkbox"/>	<input checked="" type="checkbox"/>
-well is within 100 to 500' of a drinking water source	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Check the appropriate response below if applicable. 

-10 to 20 people residing within 1000' of well	<input type="checkbox"/>	<input checked="" type="checkbox"/>
-more than 20 people residing within 1000' of well	<input type="checkbox"/>	<input checked="" type="checkbox"/>

8. Check the appropriate response below if applicable.
- |   |                                     |                                     |
|---|-------------------------------------|-------------------------------------|
|   | Y                                   | N                                   |
| -well is within 100' of a lake, river or stream         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| -well is within 100' to 500' of a lake, river or stream | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
9. What is the current land use? Check one of the following:
- Industrial  Commercial  Agricultural  Wooded  Residential   
Public

10. Give an approximate drill date for this well. 1934

11. Give an approximate abandonment date for this well. UNKNOWN

12. Is there the presence of contaminated soil around wellhead?

13. Provide the approximate size (square feet) of the contaminated area. 0

14. Is there refuse on the location?

15. Provide sketches and/or comments concerning the well and/or location, including directions, which you feel may be pertinent.

The well location has been recorded in RBDMS and OOG records

16. Put any other information that you received from your inspection, such as last known operator, landowner concerns, special instructions on plugging, or any other information that will be helpful in locating, plugging and recovering the cost of the plugging.

N/A

17. Describe which tool(s) were of the most benefit in locating this well (i.e. landowner, spot maps, inspector knowledge, operator, etc.).

ARC MAPS

18. If an individual assisted in locating this well, who do they indicate should be responsible for plugging it (i.e. state, landowner, operator, etc.)?

N/A

19. Amount of time spent searching for this well.

1 H.

20. Well reported by: RANDOM INSPECTION

Address:

Phone #:

Form completed by: ALLEN FLOWERS Date: 5/10/2023



WW-4B

API No.	<u>47 - 085 - 00273</u>
Farm Name	<u>HAUGHT # 1</u>
Well No.	<u>HAUGHT FAMILY TRUST</u>

**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: 5/10/2023

N/A

By: \_\_\_\_\_

Its \_\_\_\_\_

07/07/2023



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

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## plugging permit issued 4708500273

1 message

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

Fri, Jul 7, 2023 at 1:21 PM


To: Allen D Flowers <allen.d.flowers@wv.gov>, Henry J Harmon <henry.j.harmon@wv.gov>, Isaiah M Richards <isaiah.m.richards@wv.gov>, amossor@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4708500273.

James Kennedy

WVDEP OOG

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 **4708500273.pdf**  
2696K

07/07/2023