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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)

Tuesday, April 26, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

HG ENERGY, LLC  
5260 DUPONT ROAD  
PARKERSBURG, WV 26101

Re: Permit approval for 4  
47-043-01809-00-00

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: 4  
Farm Name: HILL, LAURA  
U.S. WELL NUMBER: 47-043-01809-00-00  
Vertical Plugging  
Date Issued: 4/26/2022

## 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.

4704301809P

WW-4B  
Rev. 2/01

1) Date February 3, 2022  
2) Operator's Well No. Laura Hill 4  
3) API Well No. 47-043 - 01809

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

5) Location: Elevation 951.33' Watershed Laurel Fork  
District Duval County Lincoln Quadrangle Griffithsville 7.5'

6) Well Operator HG Energy, LLC 7) Designated Agent Diane White  
Address 5260 Dupont Road Address 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Terry Urban Name To Be Determined Upon Approval of the Permit  
Address P O Box 1207 Address \_\_\_\_\_  
Clendenin, WV 25045

10) Work Order: The work order for the manner of plugging this well is as follows:  
**\*\*See next page for plugging manners\*\***

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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  Date 3-7-22

04/29/2022

12/10/21

Manners of Plugging

Laura Hill Hrs #4

47-043-01809

Elev: 951.33

TD: 2501'

8 5/8" csng: 364.85' -CTS

4 1/2" csng: 2513' - 75 sks 50/50 Pozmix

Plug No 1- 2435'-~~2335'~~ <sup>2235'</sup>

Plug No 2- 2085'-1900'

Free point; cut, pull 4 1/2" csng - est 950'

Plug No 3- 1000'-<sup>900'</sup>~~950'~~ (adjust for cut)

Plug No 4- 415'-315'

Plug No 5- 100'-0

Install monument w/ API #

6% gel between cement plugs

TOC OF 4 1/2" MAY BE 2150',  
IF SO ADJUST ACCORDINGLY. gmm

soft below cut

Operator to cover with  
Cement All Oil & Gas producing zones  
including Elevation, Coal & Freshwater

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 17

4704301809P  
RECEIVED  
APR 23 1978  
OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle Madison  
Permit No. Lin-1809

Rotary  Oil   
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company Pennzoil Company  
Address P.O. Box 1588, Parkersburg, WV 26101  
Farm Laura Hill Hrs. Acres 182  
Location (water) Laurel Fork of Joe's Creek  
Well No. 4 Elev. 951.33  
District Duval County Lincoln  
The surface of tract is owned in fee by  
Mr. Keith Newcomer  
Address Rt. #1, Box 363, Hamlin, WV 25523  
Mineral rights are owned by Mayme Mullins  
Address 1208 10th Ave., Huntington, WV  
Drilling commenced 11-2-77  
Drilling completed 11-13-77  
Initial flow 12,000 cu. ft. 8 bbls.  
Final production 12,000 cu. ft. per day 7 bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	371	371	245 sks.
7			
5 1/2			
4 1/2	2501	2501	75 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured w/560 Bbls. Crude oil, 24,000 20/40 ml., 500 Gal. 15% HCL

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand Berea \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard on Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Substructure			0	8		
Sand & Shale			8	114		
Sand			114	204		
Shale			204	356		
Sand			356	449		
Shale			449	510		
Sand			510	546		
Shale			546	574		
Sand & Shale			574	671		
Shale			671	697		
Sand			697	723		
Shale			723	786		
Sand			786	870		
Sandy Shale			870	1000		
Shale			1000	1076		
Salt Sand			1076	1332		
Sandy Shale			1332	1446		
Salt Sand			1446	1516		
Shale			1516	1544		
Salt Sand			1544	1616		
Shale			1616	1658		
Salt Sand			1658	1713		
Little Lime			1713	1744		

\* Indicates Electric Log tops in the remarks section.

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Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Pencil Cave			1744	1749		
Big Lime			1749	1938		
McCrary Shale			1938	1956		
Big Injun			1956	2035		
Shale			2035	2086		
Wier			2086	2148		
Shale			2148	2420		
Coffee Shale			2420	2442		
Berea			2442	2466		
Shale			2466	2499		
Total Depth				2501		

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Date March 31 19 78

APPROVED PENNZOIL COMPANY

By Walter A. Lucas  
(Title) Eng. Dept.

04/29/2022

4704301809P

PENNZOIL COMPANY

NEW WELL REPORT

LEASE No. 46187-00      182 ACRES      WORKING DISTRICT Southern Area

Laur Hill Heirs FARM      Map 124-W

Duval District DISTRICT OR TOWNSHIP      Lincoln COUNTY      QUAD.

LOCATION MADE July 15, 19 77      DRILLING COMMENCED November 9, 19 77

DRILLING EQUIPMENT USED:       SPUDDER  
 ROTARY      DRILLING COMPLETED November 13, 19 77

DRILLING EQUIPMENT FURNISHED BY Clint Hurt and Associates, Inc.      TOTAL DEPTH 2501 SAND Berea

ELEVATION: FLOOR 959.33      DRILLING CONTRACTOR Clint Hurt and Associates, Inc

ELEVATION: GROUND 951.33      WORK ORDER No. 70-27950

FORMATION RECORD

KIND	TOP	BOTTOM	STEEL LINE MEAS.	TEST	KIND	TOP	BOTTOM	STEEL LINE MEAS.	TEST
Substructure	0	8							
Sand & Shale	8	114							
Sand	114	204							
Shale	204	356							
Sand	356	449							
Shale	449	510							
Sand	510	546							
Shale	546	574							
Sand & Shale	574	671							
Shale	671	697							
Sand	697	723							
Shale	723	786							
Sand	786	870							
Sandy Shale	870	1000							
Shale	1000	1076							
Salt Sand	1076	1332							
Sandy Shale	1332	1446							
Salt Sand	1446	1516							
Shale	1516	1544							
Salt Sand	1544	1616							
Shale	1616	1658							
Salt Sand	1658	1713							
Little Lime	1713	1744							
Pencil Cave	1744	1749							
Big Lime	1749	1938							
McCrady Shale	1938	1956							
Big Injun	1956	2035							
Shale	2035	2086							
Wier Sand	2086	2148							
Shale	2148	2420							
Coffee Shale	2420	2442							
Berea Sand	2442	2466							
Shale	2466	2499							
Total Depth		2501							
Logged By	Basin Surveys			November 13, 1977 to 2505					

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NEW WELL REPORT - CONTINUED

INITIAL TORPEDO RECORD	CASING AND TUBING RECORD						
	SIZE	PUT IN WELL			PULLED OUT		
		TRANSFER NO.	FEET	INCH	TRANSFER NO.	FEET	INCH
Date of Shot	8 5/8		364	85			
Name of Torpedo Co.	4 1/2		2513	00			
No. of Quarts							
Length of Shell							
Diameter of Shell							
Length of Anchor							
Top of Shot							
Bottom of Shot							
Feet of Fluid in Hole When Shot							
Results:							

PACKER RECORD						
INITIAL PRODUCTION FIRST 24 HOURS			KIND	SIZE	DEPTH SET	DATE SET
Flow	/10ths Water in	Inch	Steel Shoe	8 5/8	371	KB 11-10-77
	/10ths Merc. in	Inch	Guide Shoe	4 1/2	2501	KB 11-14-77
Volume		Cu. Ft.				
Rock Pressure		lbs.				
Oil		bbls., First 24 hrs.				

ACIDIZATION OR FRACTURING RECORD		CASING CEMENTED	
DATE WELL ACIDIZED		8 5/8 SIZE 371 FT. KB 11-10-77 DATE	
DATE WELL FRACTURED		BAGS USED 245 sks Neat Cement 3%CC & 1/8# Flocele	
NAME OF COMPANY		4 1/2 SIZE 2501 FT. KB 11-14-77 DATE	
(List below materials used in Acidizing or Fracturing, i.e., Sand, Crude Oil, Gasoline, Water, Kerosene, Mothballs, Acid, etc., giving gallons, barrels and pounds.)		BAGS USED 500 Gal Mud Flush 75 sks 50/50 poz-mix 2% CC & 1/8# Flocele	
		SIZE FT. DATE	
		BAGS USED	
		SIZE FT. DATE	
		BAGS USED	
		SIZE FT. DATE	
		BAGS USED	
		SIZE FT. DATE	
560 Bbls. Crude Oil		TOP DEPTH OF CEMENT SHOWN BY TEMPERATURE LOG	
24000# 20/40 Sand			
500 Gal. 15% HCL			
BREAKDOWN PRESSURE 2000#			
PUMPING PRESSURE Max 2400#, Min 2200#, Avg 2275#			
AVERAGE PUMPING RATE/MINUTE 33.5 BPM			
PUMPING TIME			
RESULT AFTER TREATMENT	GAS CU. FT.		
	OIL BBLs.		
ROCK PRESSURE AFTER TREATMENT	LBS.		

REMARKS:

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MAR 14 2022

APPROVED

*(Signature)*

WV Department of Environmental Protection SUPERINTENDENT

04/29/2022



Date FEB 21 1979

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. Laura Hill #4  
API Well No. 043 1809  
County Form

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

of (RE-VI) 1700...  
801 not 352...  
DESIGNATED AGENT James A. Crews

ADDRESS P. O. Box 1588  
Parkersburg, W. Va. 26101

WELL OPERATOR Pennzoil Company  
ADDRESS P. O. Box 1588  
Parkersburg, WV 26101

LOCATION: Elevation 951.33  
Watershed Laurel Fork of Joe's Creek  
Dist. Duval County Lincoln Quad Madison

GAS PURCHASER Columbia Gas Transmission Corp  
ADDRESS P. O. Box 1273  
Charleston, W. Va. 25325

Purchase Contract No. 65  
Meter Chart Code 6174  
Date of Contract 12-02-75

Provide a complete inventory of the lease and production equipment used for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

This well is connected to a gathering system which travels to Pennzoil's Griffithsville Northeast Compressor Station located in Duval District, Lincoln County.

Well record with completion information attached to filing. This well has no extraordinary lease production equipment other than standard casinghead arrangement (i.e., pump jack, casinghead, etc.)

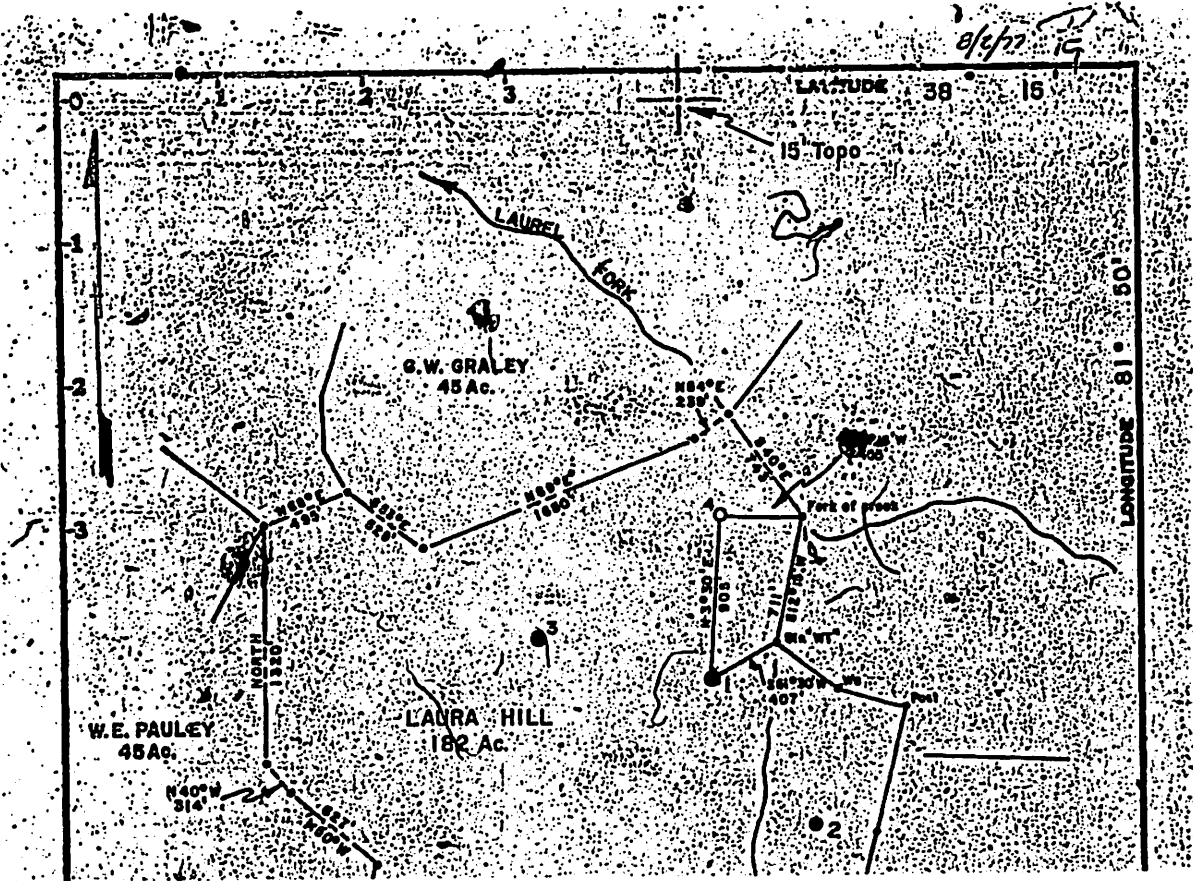
List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, 860 Tax Records and royalty payment records) and indicate the location of such records:

Pennzoil Company royalty meter statements.  
Oil production records  
Location: Pennzoil Company  
601 Grand Central Avenue, Vienna, W. Va. 26105

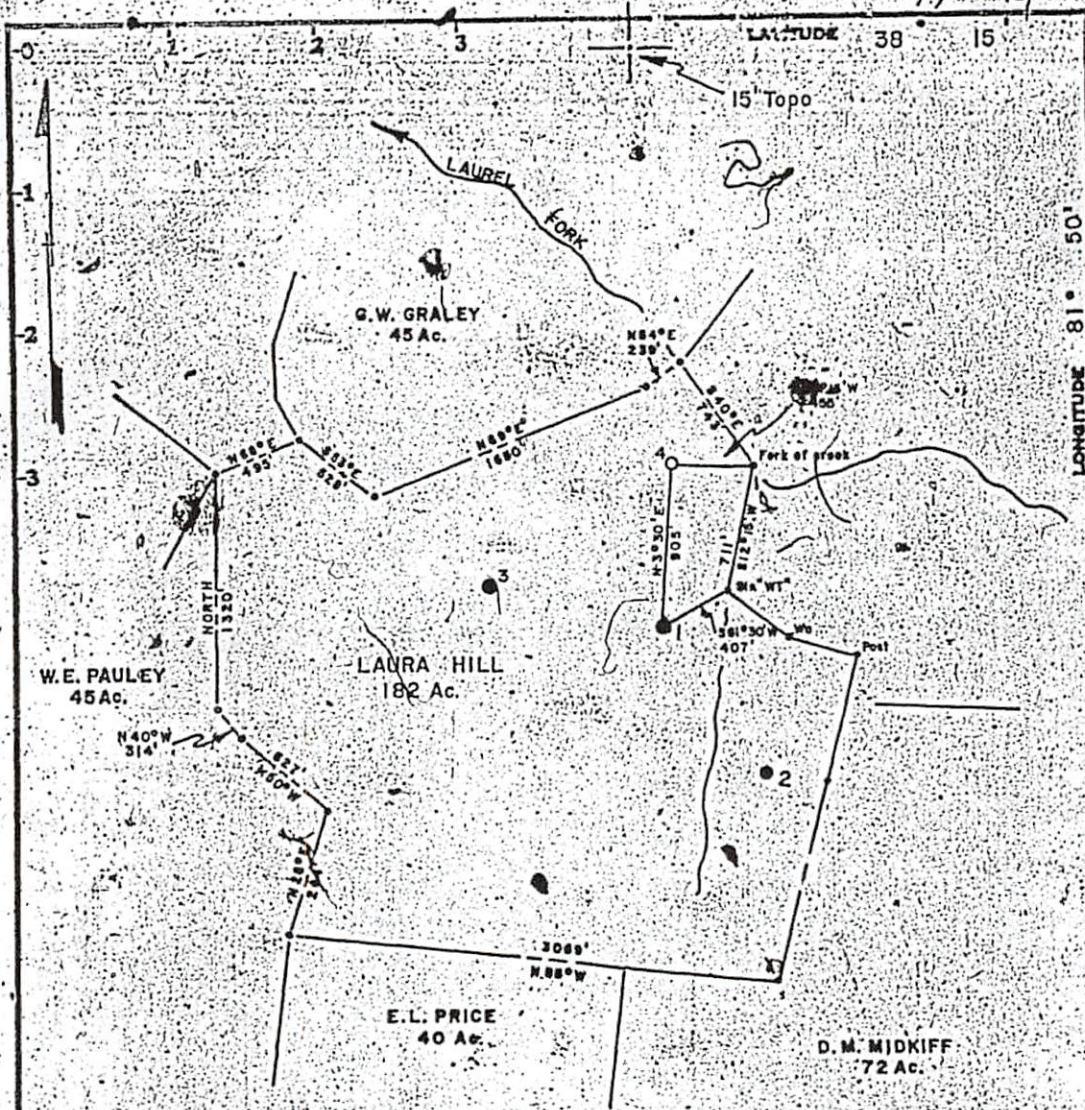
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04/29/2022

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**SURFACE-**

Kelth Newcomer  
Rt. 1, Box 363  
Hamlin, W. Va.

Minimum Error of Closure 1 in 200

Source of Elevation Laura Hill #1, Elev. 848.39

- Fracture
- 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.

Signed *Curtis A. Lucas*

Map No. 124 W Squares: N 81 E W 73

Company	PENNZOIL COMPANY		
Address	P.O. Box 1588, Parkersburg, W. Va. 26101		
Farm	LAURA HILL		
Tract	Acre	Lease No.	46187-00
Well (Farm) No.	4	Serial No.	
Elevation (Spirit Level)	951.33		
Quadrangle	MADISON 15'		
County	LINCOLN	District	DUVAL
Surveyor	CURTIS A. LUCAS		
Surveyor's Registration No.	275		
File No.	1630	Drawing No.	
Date	7-15-77	Scale	1" = 800'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP.**

FILE NO. LIN-1809 OFG

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. 47-043

BRUNING 44-131 27193

2526

04/29/2022



WW-4A  
Revised 6-07

1) Date: February 3, 2022  
2) Operator's Well Number  
Laura Hill # 4  
3) API Well No.: 47 - 043 - 01809

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

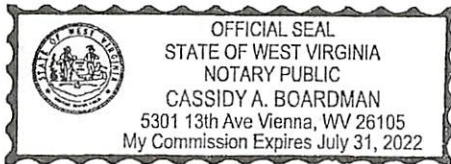
4) Surface Owner(s) to be served: (a) Name Joshua Dunlap et al, Address 10 A State Rt 19, Hurricane, WV 25526. 5) (a) Coal Operator Name NA, Address. (b) Coal Owner(s) with Declaration Name NA, Address. (c) Coal Lessee with Declaration Name NA, Address. 6) Inspector Terry Urban, Address P O Box 1207, Clendenin, WV 25045, Telephone 304-549-5915.

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 HG Energy, LLC
By: Diane White (Signature)
Its: Agent
Address: 5260 Dupont Road, Parkersburg, WV 26101
Telephone: 304-420-1119

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MAR 14 2022

Subscribed and sworn before me this 3RD day of FEBRUARY 2022 by Cassidy Boardman (Signature) Notary Public. My Commission Expires 7/31/2022

WV Department of Environmental Protection

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 deprivacyofficer@wv.gov.

04/29/2022





**HG Energy, LLC**  
5260 Dupont Road  
Parkersburg, WV 26101  
(304) 420-1100 - Office  
(304) 863-3172 - Fax

4704301809af

February 3, 2022

Joshua Dunlap et al  
110 A State Rt. 19  
Hurricane, WV 25526

RE: Laura Hill No. 4 (47-043-01809)  
Duval District, Lincoln County  
West Virginia

Dear Landowner:

Enclosed are copies of various application papers that we have filed with the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas. A well work permit is being requested for the above-referenced well.

Pursuant to WV Code Chapter 22B, Article 6, you are receiving copies of this correspondence because the well or other anticipated disturbance is located on your surface property. Your rights as a landowner are detailed in the enclosed permit application papers.

No action on your part is required. If you have any questions or comments regarding this application, you may call this office at (304) 420-1119 or email at [dwhite@hgenergyllc.com](mailto:dwhite@hgenergyllc.com).

Very truly yours,

*Diane White*

Diane C. White

Enclosures

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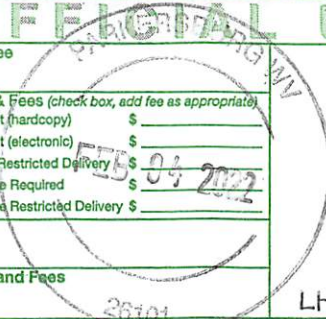
WV Department of  
Environmental Protection

04/29/2022

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7021 2720 0002 0050 6381

<b>U.S. Postal Service™</b>	
<b>CERTIFIED MAIL® RECEIPT</b>	
<i>Domestic Mail Only</i>	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
<b>OFFICIAL USE</b>	
Certified Mail Fee	\$ _____
<b>Extra Services &amp; Fees (check box, add fee as appropriate)</b>	
<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____
Postage	\$ _____
<b>Total Postage and Fees</b>	\$ _____
Sent To	Joshua Dunlap et al
Street and Apt. No., or PO Box No.	110 A State Route 19
City, State, ZIP+4®	Hurricane WV 25526
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	



Postmark Here

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WV Department of  
Environmental Protection

04/29/2022

SURFACE OWNER WAIVER

4704301809P

Operator's Well Number

Laura Hill No. 4

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..."

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,

RECEIVED Office of Oil and Gas

MAR 14 2022

Signature Date Name By Its WV Department of Environmental Protection Date

Signature Date 04/29/2022

WW-9  
(5/16)

4704301809P

API Number 47 - 043 - 01809  
Operator's Well No. \_\_\_\_\_

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

Operator Name HG Energy, LLC OP Code 494497948

Watershed (HUC 10) Laurel Fork Quadrangle Griffithsville 7.5'

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 Any well effluent will be contained in tanks until disposed of off site at an approved disposal facility.)

Will closed loop system be used? If so, describe: No

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

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

Additives to be used in drilling medium? NA

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

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

-Landfill or offsite name/permit number? If applicable, to be determined upon approval of the plugging permit

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 Diane White

Company Official (Typed Name) Diane White

Company Official Title Agent

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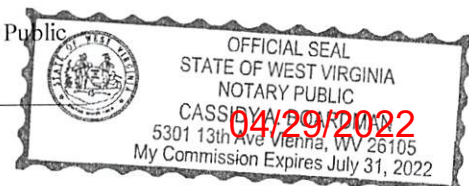
MAR 14 2022

WV Department of  
Environmental Protection

Subscribed and sworn before me this 3rd day of FEBRUARY, 2022

Cassidy Beaman Notary Public

My commission expires 7/31/2022





Operator's Well No. \_\_\_\_\_

Proposed Revegetation Treatment: Acres Disturbed 0.5 Acres Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10/20/20

Fertilizer amount 500 lbs/acre

Mulch Straw 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5

- Sediment Control Will Be In Place At All Times -

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: [Signature]

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

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WV Department of  
Environmental Protection

Title: \_\_\_\_\_ Date: 3.7.22

Field Reviewed? ( ) Yes ( ) No



SUBJECT WELL  
Laura Hill No. 4  
47-043-1809

4704301809



Section of  
Garrett's Bend & Griffithsville  
7.5' Quadrangles  
SCALE 1"=1000  
04/29/2022



West Virginia Department of Environmental Protection  
Office of Oil & Gas

**WELL LOCATION FORM: GPS**

API: 47- 043 - 01809 WELL NO: 4

FARM NAME: Laura Hill

RESPONSIBLE PARTY NAME: HG Energy, LLC

COUNTY: Lincoln DISTRICT: Duval

QUADRANGLE: Griffithsville 7.5'

SURFACE OWNER: Joshua Dunlap et al.

ROYALTY OWNER: HG Energy, LLC et al.

UTM GPS NORTHING: 4,233,874

UTM GPS EASTING: 420,896 GPS ELEVATION: 290 m. (951')

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

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.

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Office of Oil and Gas

MAR 14 2022

West Virginia Department of  
Environmental Protection

Diane C. White Diane C. White  
Signature

Designated Agent  
Title

December 14, 2021  
Date

04/29/2022



**HG Energy, LLC**  
5260 Dupont Road  
Parkersburg, WV 26101  
(304) 420-1100 - Office  
(304) 863-3172 - Fax

4704301809P

February 3, 2022

Jeff McLaughlin  
WVDEP  
Division of Oil & Gas  
601 57<sup>th</sup> Street  
Charleston, West Virginia 25304

RE: Laura Hill No. 4 - (47-043-01809)  
Duval District, Lincoln County  
West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-4(A), WW-4(B), WW-9, and WW-7, topo map, well record and a copy of the certified mailing receipt.

Please let me know if you have any questions or need further information. I can be reached at 304-420-1119 or [dwhite@hgenergyllc.com](mailto:dwhite@hgenergyllc.com).

Very truly yours,

*Diane White*

Diane C. White

Enclosures

cc: Joshua Dunlap, et al - Certified  
Terry Urban - Inspector

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MAR 14 2022  
WV Department of  
Environmental Protection

04/29/2022





Stansberry, Wade A <wade.a.stansberry@wv.gov>

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**Plugging Vertical Well Work Permit API: 47-043-01516 & 47-043-01809)**

1 message

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**Stansberry, Wade A** <wade.a.stansberry@wv.gov>

Tue, Apr 26, 2022 at 1:30 PM

To: Diane White <dwhite@hgenergyllc.com>, "Urban, Terry W" <terry.w.urban@wv.gov>, Guy Browning <guybrowning@lincolncountywv.org>

I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.

**47-043-01516 - 4**

**47-043-01809 - 4**

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

**Wade A. Stansberry**

**Environmental Resource Specialist 3**

**West Virginia Department of Environmental Protection**

**Office of Oil & Gas**

**601 57th St. SE**

**Charleston, WV 25304**


**(304) 926-0499 ext. 41115**


**(304) 926-0452 fax**


**[Wade.A.Stansberry@wv.gov](mailto:Wade.A.Stansberry@wv.gov)**

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**4 attachments**

 **47-043-01809 - Copy.pdf**  
4549K

 **47-043-01516 - Copy.pdf**  
4520K

 **43-01516 IR-8.pdf**  
249K

 **43-01809 IR-8.pdf**  
257K

**04/29/2022**