



 west virginia department of environmental protection

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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Wednesday, June 5, 2019
 WELL WORK PLUGGING PERMIT
 Vertical Plugging

PEOPLES GAS WV LLC
 375 NORTH SHORE DRIVE SUITE 600

PITTSBURGH, PA 15212

Re: Permit approval for 5153
 47-061-00429-00-00

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: 5153
 Farm Name: KAREN SUE SOLLARS
 U.S. WELL NUMBER: 47-061-00429-00-00
 Vertical Plugging
 Date Issued: 6/5/2019

PERMIT CONDITIONS

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

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

WW-4B
Rev. 2/01

1) Date April 15, 20 19
2) Operator's
Well No. 5153 Henderson
3) API Well No. 47-a - 1022

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 ___

5) Location: Elevation 1061 Watershed Days Run
District Clay County Monongalia Quadrangle Blacksville

6) Well Operator Peoples Gas WV, LLC 7) Designated Agent Brett Hoover
Address 375 North Shore Drive Address 375 North Shore Drive
Pittsburgh, PA 15212 Pittsburgh, PA 15212

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Gayne J. Knitowski Name Contractor Services Inc. of WV
Address P.O. Box 108 Address 929 Charleston Road
Gorman, WV 26720 Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached.

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

Work order approved by inspector Gayne Knitowski Date 5/2/2019

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06/07/2019

Well Plugging Procedures for
Peoples Gas #5153 (Henderson)
API #061-00429

1. Move in, rig up. Blow down well to pit.
2. Run in hole with sound line and check T.D. (3217')
3. If 3" has not been pulled, load hole with water and run bond log to locate packer and determine if 3" is free.
4. If 3" is free, we will try to release packer (at 1608') and pull 3".
5. If packer will not release, run CBL to locate packer and perforate below packer.
6. Trip in hole with 1 1/2" cement string and set cement plug #1 from 3217' to 2217'. Trip out of hole.
7. CBL 5 3/16", shoot and pull at free point.
8. Rig up wire line truck, run in hole; tag cement.
9. Trip in hole with 1 1/2" cement string and set cement plug #2 from 2217' to cut point. Trip out cement string.
10. Wait 6 hours, run bond log 6 5/8"
11. Shoot and pull 6 5/8" casing at free point.
12. Trip in hole; tag cement. Set cement plug #3 from top of cement at cut to surface. Trip out of hole.
13. Set monument, move off, reclaim.
14. Any casing left in hole shall be perforated and Class A cement plugs set so as to cover fresh water, salt water, or oil and gas shows.

An attempt to remove all free pipe at a min. of 1-1/2X string weight must be made



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SPECIAL WELL TEST REPORT
FORM GSA-2723

Special Test Cleaning Bailing Swabbing Pumping Shooting

Equitable Gas Company - W. Va. Div. Company WELL NO. 5153

Lease No. 15322 Farm John Henderson Acres 150 Map Blks. NW 3-1

Twp. or Dist. Clay County Monongalia State W. Va. Other wells on lease -

Date completed 7-1-08 O.D.O.F. _____ M. Cu. Ft. O.R.P. _____ Producing sand 5th. & Bayard

Gas at _____ Volume factor _____ Tubed with _____ ft. of _____ in. ti

Packed at _____ ft. With _____ Inch _____ Pack

CASING RECORD: 10" _____ ft. 8 1/4" _____ ft. 8 1/2" _____ ft. 8 3/4" _____ ft.

Total depth 3217 ft. Top of fluid at 2439 ft. Bridged at _____ ft. Depth after this work 2608

OPEN FLOW AND MINUTE PRESSURE TESTS OF GAS FROM 3 INCH TUBING CASING

	"1" Tube Reading	M or W	Size Opening	Pilot or F.M.	Open Flow	L/P	1/2 Min.	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	R/P	Hrs.	Date
Before	Against Line Pressure	xxx	x	xxx	xx	xxx									
	From Atmosphere														
After	Against Line Pressure	xxx	x	xxx	xx	xxx									
	From Atmosphere														

REMARKS (concerning wells condition, work done, machine used, etc.) Top of water 2439' bailed to 2608' with Machine

#2708, Henderson & Lough 6 das, 456 mi.

RECOMMENDATION _____

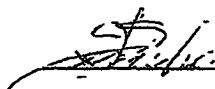
Amount Royalty \$ _____ Amount of free gas allowed per yr. _____ M Cu. ft. Amount used last 12 months _____ M Cu.

	This Job	Total Previous	TOTAL EXPENSE LAST TWELVE MONTHS
EXPENSE: Cleaning.....	\$ _____	\$ _____	_____
Bailing.....	<u>811.20</u>	_____	_____
Swabbing.....	_____	_____	<u>811.20</u>

Commenced work 11-13 19 78

Completed work 11-27 19 78

Date of this report 11-28 19 78


Division Superintendent

Geologist's Recommendation _____

_____ Date _____ 19 _____ Geologist

Land Agent's Report _____

_____ Date _____ 19 _____

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06/07/2019

J&G BILL
1 322-4422

DATE 1-17-19

PITTSBURGH & W. VA. GAS CO.

COMPANY

TO # 5153

DR.

P. O. ADDRESS

FOR HAULING GAS PER ITEMS GIVEN BELOW

DATE	HORSE TEAM	DATE	ARTICLES	FROM	TO	DIST.	RATE PER TON	AMOUNT
1-17-18	18-19							
1-20	21-24							
1-25								
1								
1								
1								
2-1								
2-2				200				
2-3				200				
2-3				200				
2-7								
2-7								
2-7								
2-16								
2-16								
2-21-23-24-25								
2-21				700				
3-4				1600				
3-7				2150				
3-8				2350				
3-9				2650				

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COST ANALYSIS OF CAPITAL ORDERS
FORM ET-350

LOCATION Hell 5153 - John Hamilton Farm, Clay Dist CC 2860
 WORK PERFORMED Amalgam C. H. V. Lines DIVISION F

DATE OF COMPLETION 4-13-49

ITEMS	ESTIMATED				ACTUAL				TOTAL
	D	E	F	B	H				
Actual Installation				444	2118				
Materials or Contractors Fees	857	16176	198471						
Miscellaneous Material									
P. & W.	116	2189	76944						
TOTAL	973	18365	158225						
Labor	17068								
Other Labor (Acct. 1000/908)	7639								
Taxes	4544								
Injuries and Damages	515								
Transportation	810								
Equipment Cost	2205								
Acct. 908 Undistributed	71073	1476	17456						
Mc 9016	7874								
Other Costs	1985								
Interest	3050	205	1527						
TOTAL ACTUAL COST	306670	19990	145876						
TOTAL ESTIMATED COST									

5724 36

	COST PER FOOT			
	ESTIMATED	ACTUAL	ESTIMATED	ACTUAL
Labor and Transportation				
Material				
TOTAL COST PER FOOT				

REMARKS

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WELL COMPLETION AND MATERIAL SUMMARY REPORT

FORM 875-1287

LEASE NO. 31227 DATE DRILLED THIS C.O. 1/15/82 COMPANY ... DATE 1/15/82

TOTAL DEPTH OF WELL 2227 C.O. NO. 2227 J.O. NO. ... DATE STARTED 1/15/82 DATE COMPLETED 1/15/82

SCOPE OF WORK ... CONSTRUCTION DATA

RETIREMENT DATA

COMPLETED AS: GAS WELL ... TUBING INSTALLED ... TUBING RETIRED ...

OIL WELL ... CASING INSTALLED ... CASING RETIRED ...

DRY HOLE ... WELL SHOT ... OTHER RETIREMENT ...

OTHER CONSTRUCTION ... R.P.R. NO. 2227

Table with columns: NAME OF PAPER, NUMBER OF PAPER, LENGTH OF TUBING AND CASING (10", 12", 14", 16", 18", 20", 22", 24", 26", 28", 30"), VALVES, PACKER, GAINING HEAD.

REMARKS ...

SIGNED ...

RECEIVED Office of Oil and Gas MAY 10 2019 WV Department of Environmental Protection

WARRANT BILL
#4 028-4428

DATE 3-10-1949

COMPANY

TO Mrs. 5752, ... DR.

P. O. ADDRESS ...

FOR HAULING AS PER ITEMS GIVEN BELOW.

DATE	HORSE TEAM	DAYS	ARTICLES	FROM	TO	DIST.	RATE PER DAY	AMOUNT
3-11				2700				
3-14				2800	2.8W			
3-15				2900	4.0W			
3-15				2900	3.6W			
3-15				2900	5.0W			
3-18				2975	4.6W		85.90	
3-21				3000	5.0W		87.40	
3-22				3010			85.00	
3-23				3050	4.2W		82.00	
3-24				3150				
3-25				3200	3.8W		77.00	
3-25				3229	3.1W		75.00	
3-31				3217				
4-1			Remove 148' 3" 217' ...					
			1-6 1/2 X 8" ...					
			... 3043-3051, 1-3X1 1/2 ...					
			... 7.6W 1 1/2 ...					
			... 1 1/2 - 3 - 5 - 10 - 15 - 20 - 30					
			... 1 1/2 - 3 - 5 - 8 - 11 - 13 - 25 - 35 - 50 - 70 ...					
			... 2nd ...					
6-5-6-7								
11-5-11-12								
4-12								

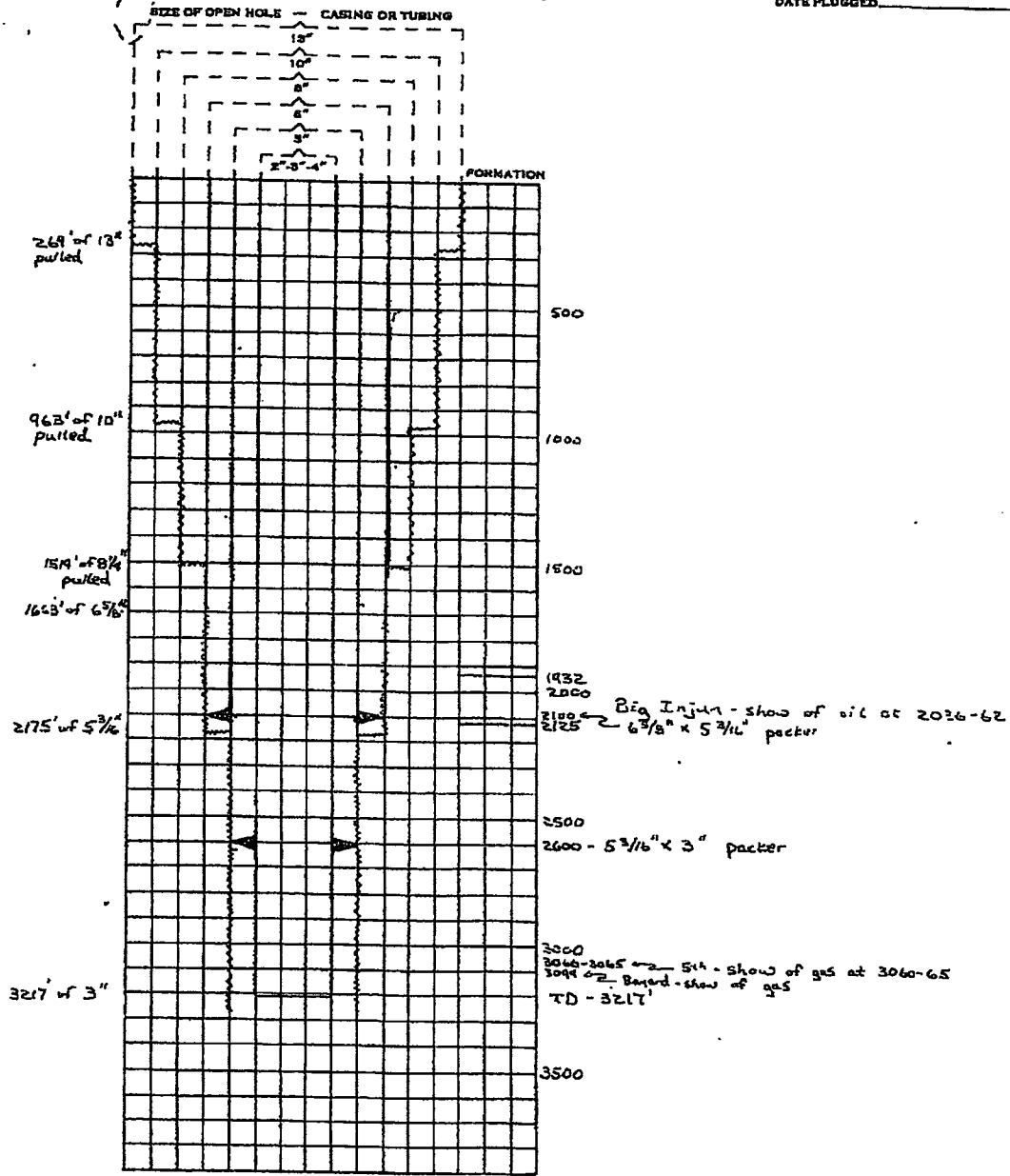
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WELL NO. 5153 LEASE NO. 15322
 FARM NAME Henderson, Jane
 TWP. OR DIST. Clay COUNTY Monongalia STATE W. Va.

DATE DRILLED Comp. 7-1-08
 DATE REDRILLED _____
 DATE RECONDITIONED _____
 DATE PLUGGED _____



LEGEND: Cement — Blue
 Aquapel — Green
 Calseal — Brown
 Plug — Black

EQUITABLE GAS COMPANY

DATE 11/15/78 AGM

DIAGRAMMATIC WELL SECTIC

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REPAIRS TO WELLS

FORM: W 13-10223

Pittsburgh & West Virginia Gas Co.

April 14th, 1949.

REPORT OF REPAIRS TO WELL NO. 5153, John Henderson FARM

Clay TWP. Monongalia COUNTY

Started 1-17-1949. WORK DONE BY Pgh. & West Va. Gas

CASED WITH FEET OF INCH FT.

TUBED WITH 3217 FEET OF 3" INCH AND 5-3/16 x 3/8 ANCHOR PACKER RUN 148 JTS. 3217 FEET 3" TUBING, 29 JTS. 6 1/2 FEET 3" ANCHOR 1-5-3/16 x 3/8 ANCHOR PACKER SET AT 2600 FT. 1-3" BALL PLUG 1-3 x 12" NIPPLE IN TOP OF PACKER. PERFORATION 3217 TO 3199 DEPTH. PERFORATION 3093 TO 3085 FT. & PERFORATION 3051 TO 3043 FT.

LAST PREVIOUS PRESSURE TAKEN 1-14-49 IN 3" INCH HOLE

Table with 4 columns: Time (1/2, 1, 2, 3, 4 minutes), Pressure (E.M., LBS.), and Rock Pressure (MRS.).

FIRST PRESSURE TAKEN AFTER BEING REPAIRED IN 3" IN. HOLE April 1st, 1949.

Table with 4 columns: Time (1/2, 1, 2, 3, 4 minutes), Pressure (LBS.), and Rock Pressure (MRS.).

CAUSE FOR REPAIRS Well drowned out.

fluid @ 60' from surface start

REMARKS:- Hole filled with stone from 3238 to 3217 feet. Test 4-1-49, 76/10 W I" Opg. F.M.-65,000, out 5-3/16" casing at 2100 feet, pulled out 2100 feet, run back 96 Jts. 2100 feet 5-3/16" casing on 6-5/8" x 5-3/16" bottom hole packer set at 2100 feet.

W

J. P. ... DIVISION SUPERINTENDENT

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4/15/2019

https://mail.google.com/mail/u/0/?tab=mail#inbox?chck=VjRDzdBZKXFPgqWWKFDQLKvKjVqMhCKRbNGQTInzTRqK-HvKaXWTFRRW/CV7projector=1&messagePartId=0_1



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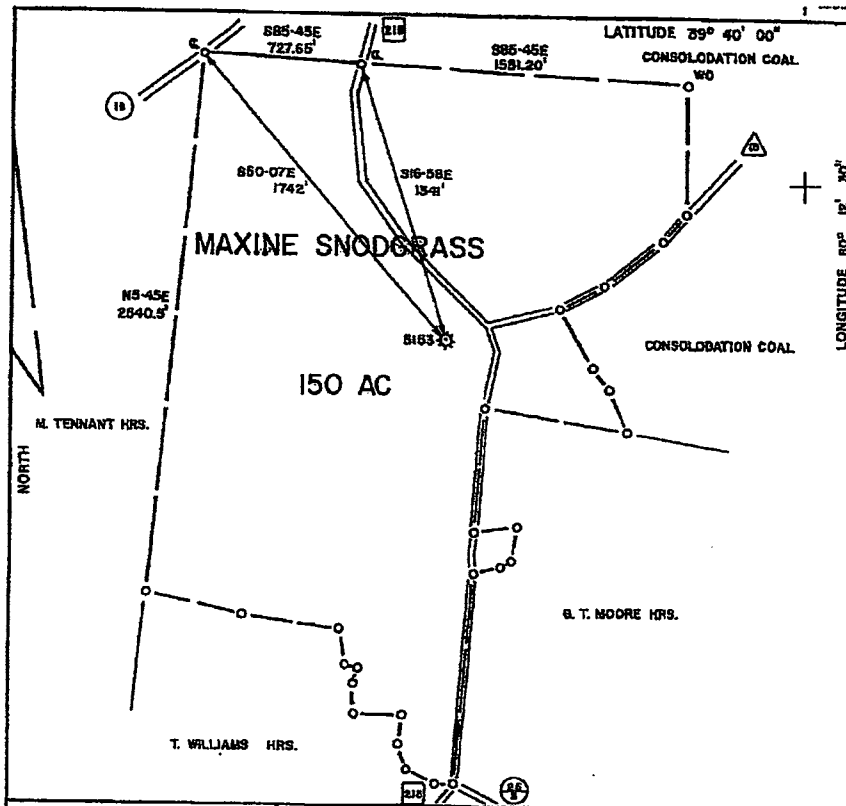
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4/15/2019

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06/07/2019



WV
 47-061-00429
 5153
 47-061-00429
 being
 returned
 to
 the
 owner

FILE NO. _____	I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DEPARTMENT OF MINES (SIGNED) <u>David L. Mitchell</u> R.P.E. _____ L.L.S. 873	PLACE SEAL HERE
DRAWING NO. _____		
SCALE <u>1" = 500'</u>		
MINIMUM DEGREE OF ACCURACY <u>1 IN 200</u>		
PROVEN SOURCE OF ELEVATION <u>RD. MARKS 1042'</u>		

(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (7-87)

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 2/14/90, 19____
 OPERATOR'S WELL NO. 5153
 API WELL NO. _____
47-061-0429
 STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1061' WATER SHED _____ DAYS RUN _____
 DISTRICT CLAY COUNTY MONONGALIA
 QUADRANGLE BLACKSVILLE/BLACKSVILLE NW 17 S 3 E
 SURFACE OWNER VIRSH TENNANT ACREAGE 18.9
 OIL & GAS ROYALTY OWNER MAXINE SNODGRASS ET AL LEASE ACREAGE 150
 LEASE NO. 15322

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION 5 TH SAND ESTIMATED DEPTH 3217' (TD)
 WELL OPERATOR EQUITRANS, INC. DESIGNATED AGENT BILL HOSTUTLER
 ADDRESS 4858 STEUBENVILLE PIKE ADDRESS P.O. BOX 1560
PITTSBURGH, PA, 15205 CLARKSBURG, WV 26301

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 MAY 10 2019
 WV Department of
 Environmental Protection

06/07/2019

WW-4A
Revised 6-07

1) Date: 04/15/2019
2) Operator's Well Number
5153 Henderson

3) API Well No.: 47 - 61 - 00429

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>Karen Sue Sollars</u>	Name _____
Address <u>2372 Daybrook Rd.</u>	Address _____
<u>Fairview, WV 26570</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Gayne J. Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 108</u>	Name _____
<u>Gormanias, WV 26720</u>	Address _____
Telephone <u>304-546-8171</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 reverse 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: Peoples Gas WV LLC
 By: _____
 Its: Director, Operations Technology
 Address: 375 North Shore Drive
Pittsburgh, PA 15212
 Telephone: 412-559-9646

Subscribed and sworn before me this 29th day of APRIL, 2019
Janice A. Saltzman Notary Public
 My Commission Expires OCT. 28, 2020

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 depprivacyoffice@wv.gov.

COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Janice A. Saltzman, Notary Public
 Wilkensburg Boro, Allegheny County
 My Commission Expires Oct. 28, 2020
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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WW-9
(5/16)

API Number 47 - 61 00429
Operator's Well No. 5153 - Henderson

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

Operator Name Peoples Gas WV, LLC OP Code 494514440

Watershed (HUC 10) Days Run Quadrangle Blacksville

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 Steel tanks will be used to hold effluent.

If so, please describe anticipated pit waste: _____

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

Proposed Disposal Method For Treated Pit Wastes:

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

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

Additives to be used in drilling medium? N/A

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) _____

-Landfill or offsite name/permit number? _____

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

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

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

Company Official Signature _____

Company Official (Typed Name) Brett Hoover

Company Official Title Director, Operations Technology

Subscribed and sworn before me this 29TH day of APRIL, 20 19

Janice A. Saltzman Notary Public

My commission expires Oct. 28, 2019

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Janice A. Saltzman, Notary Public
Wilksburg Boro, Allegheny County
My Commission Expires Oct. 28, 2020
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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Form WW-9

Operator's Well No. 5153

Proposed Revegetation Treatment: Acres Disturbed .5 Prevegetation pH 5.5

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type _____

Fertilizer amount 0.25 lbs/acre

Mulch Hay 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Ladino Clover	5
Red Top Clover	15	KY 31	40

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: Jayne Knitowski

Comments: _____

Reclaim well site ASAP

Title: Inspector Date: 5/2/2019

Field Reviewed? Yes No

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Environmental Protection

5153 Henderson



Approximate Scale 1:6,000

04/15/2019 - 05:00:14 PM

Disclaimer: The map information shown is from various sources including but not limited to tax maps and state and federal agency web sites. The map information does not represent and should not be relied upon as a land survey or legal depiction of the property or information shown. Title Maps LLC does not warrant the accuracy or correctness of the map information shown hereon.

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06/07/2019

* Note: Coordinates in DEP mapping system online are inaccurate.

WW-7
8-30-06



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

API: 47-061-00429 WELL NO.: 5153 Henderson
FARM NAME: Henderson
RESPONSIBLE PARTY NAME: Peoples Gas WV, LLC
COUNTY: Harrison DISTRICT: Clay
QUADRANGLE: Blacksville
SURFACE OWNER: Karen Sue Sollars
ROYALTY OWNER: Heirs of Jane Henderson
UTM GPS NORTHING: 4390133
UTM GPS EASTING: 567603 GPS ELEVATION: 1061

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.

Eq Dm Land Manager-Conserv 04/15/2019
Signature Title Date

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