



west virginia department of environmental protection

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

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

Tuesday, August 10, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

PEOPLES GAS WV LLC
375 NORTH SHORE DRIVE SUITE 600
PITTSBURGH, PA 15212

Re: Permit approval for 5090
47-049-00445-00-00

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: 5090
Farm Name: TETRICK, MARY C.
U.S. WELL NUMBER: 47-049-00445-00-00
Vertical Plugging
Date Issued: 8/10/2021

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 within two years of the date of issuance of this permit.

WW-4B
Rev. 2/01

1) Date July 6, 2021
2) Operator's
Well No. 5090
3) API Well No. 47-46 - 0045

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 _____ Watershed Camp Run
District Lincoln County Marion Quadrangle Shinnston
- 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 Bryan Harris Name Contractor Services Inc. of WV
Address P.O. Box 157 Address 929 Charleston Road
Volga, WV 26238 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 Bryan Harris Date 7/6/21

08/13/2021

PLUGGING PROCEDURE Peoples 5090

Contact state 48hours before work

Work road build site, set e&s control

Move in equipment, Rig up service rig.

TOOH with 3-1/2csg and packer (if packer can not be pulled run 1-1/2tubing set bottom hole Plug , Tag cement top if good shoot 3-1/2 off above packer)

Run cement string in hole set bottom hole plug 2500'-1800' (type1 cement) reverse off (Tag cement top)

TOOH with cement string

TOOH 6-5/8csg (if csg can be pulled contact state for perforation)

Run cement string set cement plug 1800'-1450' reverse off (Tag cement top)

TOOH with cement string

TOOH 8-1/4csg (if csg can not be pulled contact state for perforation)

Run cement string set cement plug 1450'-450' pull up reverse off

TOOH / run wireline perforate 10''

Run cement string cement from 450'-surf.

Set monument

Reclaim site and road.

TD \approx 2505'

448' OF 10''

1451' OF 6 5/8''

1724' OF 5 3/16''

2500' OF 3'' TUBING

Form 699-27263 Pittsburgh & West Va. Gas Company WELL NUMBER 5090

SPECIAL TEST OR CLEANING - BAILING, SWABBING, ARRANGEMENT REPORT

LEASE NO. 15453 FARM Mary O. Petrick ACRES 100 MAP REF. 11k. 8/2.8(0)

TWP. OR DIST. Lincoln COUNTY Marion STATE W. Va. OTHER WELLS ON LEASE None

DATE COMPLETED 7-14-14 O. D. O. F. _____ M. CU. FT. - O. R. P. _____

PRODUCING SAND 30 ft. GAS PAY @ 2455-2481 VOLUME FACTOR _____

TUBED WITH 2805 FT. 5 IN. SIZE & KIND OF PACKER 6-5/8 x 3" Hook Wall SET @ 2404 FT.

CASING RECORD -- 10" 448 FT. -- 8 1/2" 1451 FT. -- 6 5/8" 1724 FT. -- 5 7/8" 94 FT.

Present: / TOTAL DEPTH 2505 FT. - FLUID _____ FT. - BRIDGED 1780 FT. - DEPTH AFTER CLEANING 2505 FT.

5090

OPEN FLOW AND MINUTE PRESSURE TESTS

KIND TEST	IN. DEPTH WATER	SIZE OPENING	OPEN FLOW	SIZE TUBING CASING	L/P	1/2"	1"	2"	3"	4"	5"	R/P	HRB.	DATE
BEFORE CLEANING BAILING SWABBING AGAINST LINE PRES.	X	X	X											
FROM ATMOSPHERE Flow meter	22/10	1"	34.4	3"	-	1/2	1	2	3	5	6			7-25-33
AFTER CLEANING BAILING SWABBING FROM ATMOSPHERE Flow meter	23/10	1-1/4"	86.4	3"	-	2	4	6	11	14	17	110	28	9-26-33
AGAINST LINE PRES.	X	X	X											
AFTER SHOOTING FROM ATMOSPHERE				3"		Well Press.		Pressure				Vol.		
AGAINST LINE PRES.	X	X	X			16"		42/10-7-1-1/4"				80.126		

CONDITION OF WELL AFTER CLEANING ~~BAILING SWABBING~~ not
 Cleaned from 1780' to 2505-Lead Plug, with Star machine. Records do/ show this well filed to 2505'.
 Retired 103 feet of 3" tubing & 1-6/8 x 3" H.W. Packer. Inserted 105 feet of 3" tubing & 1-6-5/8 x 3" Hook Wall Packer.

RECOMMENDATION :-

ANNUAL ROYALTY \$ 100.00 HOW PAID ANNUALLY QUARTERLY NEXT PAYMENT DUE 10-14-19 33
 AMOUNT FREE GAS ALLOWED PER YEAR 250 M. CU. FT. AMOUNT OF FREE GAS CONSUMED FOR TWELVE PREVIOUS MONTHS 257 M. C. F.

EXPENSE { CLEANING \$ 670.76 PREVIOUS EXPENSE \$ _____ TOTAL EXPENSE LAST TWELVE MONTHS \$ 883.62
 BAILING \$ _____ PREVIOUS EXPENSE \$ 69.75
 SWABBING \$ _____ PREVIOUS EXPENSE \$ _____
 tubing & other material \$ 114.11

DATE { WORK COMMENCED 8-9-19 33
 WORK COMPLETED 9-25-19 33
 OF THIS REPORT 10-6-19 33

J. A. Schenck
 (DIVISION SUPERINTENDENT)

ELOGIST'S RECOMMENDATION

WW-4A
Revised 6-07

1) Date: 07/05/2021
2) Operator's Well Number
5090

3) API Well No.: 47 - 049 - 00445

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>Gary & Cindy Eagle</u>	Name _____
Address <u>868 Four States Road</u>	Address _____
<u>Worthington, WV 26591</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Bryan Harris</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 157</u>	Name _____
<u>Volga, WV 26238</u>	Address _____
Telephone <u>304-553-6087</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: [Signature]
 Its: Director, Operations Technology
 Address 375 North Shore Drive
Pittsburgh, PA 15212
 Telephone 412-559-9646

Commonwealth of Pennsylvania - Notary Seal
Janice A. Saltzman, Notary Public
Allegheny County
My commission expires October 28, 2024
Commission number 1089157
 Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this 19th day of JULY 2021
Janice A. Saltzman Notary Public
 My Commission Expires Oct. 28, 2024

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.

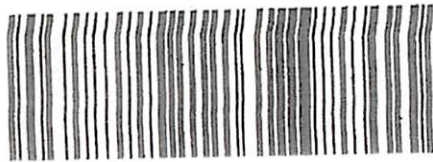
47-049-00445 P



Contractor Services Inc.
929 Charleston Road
Spencer, WV 25276

7/21/2021

CERTIFIED MAIL™



7009 0820 0000 6453 8606

FIRST-CLASS



PRIMEY BOWES
US POSTAGE
02 7H \$ 007.36
0001312240 JUL 21 2021
MAILED FROM ZIP CODE 2527

Gary + Cindy Eagle
888 Four States Road
Worthington, WV 28591

7009 0820 0000 6453 8606

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Sent To Gary + Cindy Eagle
Street, Apt. No.,
or PO Box No. 888 Four States Road
City, State, ZIP+4 Worthington, WV 28591

WW-9
(5/16)

API Number 47 - 049 - 00445
Operator's Well No. 5090

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) Camp Run Quadrangle _____

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 ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS BEFORE DISPOSING OFF SITE. PUMP

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) to permitted disposal facility TBD.
- 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. N/A

-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 [Signature]

Company Official (Typed Name) Brett Hoover

Company Official Title Director, Operations Technology

Subscribed and sworn before me this 9TH day of AUGUST, 2021

Janice A. Saltzman

Notary Public
Commonwealth of Pennsylvania - Notary Seal
Janice A. Saltzman, Notary Public
Allegheny County
My commission expires October 28, 2024
Commission number 1089157
Member, Pennsylvania Association of Notaries

My commission expires OCT. 28, 2024

Operator's Well No. 5090

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: Bryan Harris

Comments: _____

Title: Land Manager Date: 7/6/21

Field Reviewed? () Yes () No

SURFACE OWNER WAIVER

Operator's Well
Number

5090

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.**

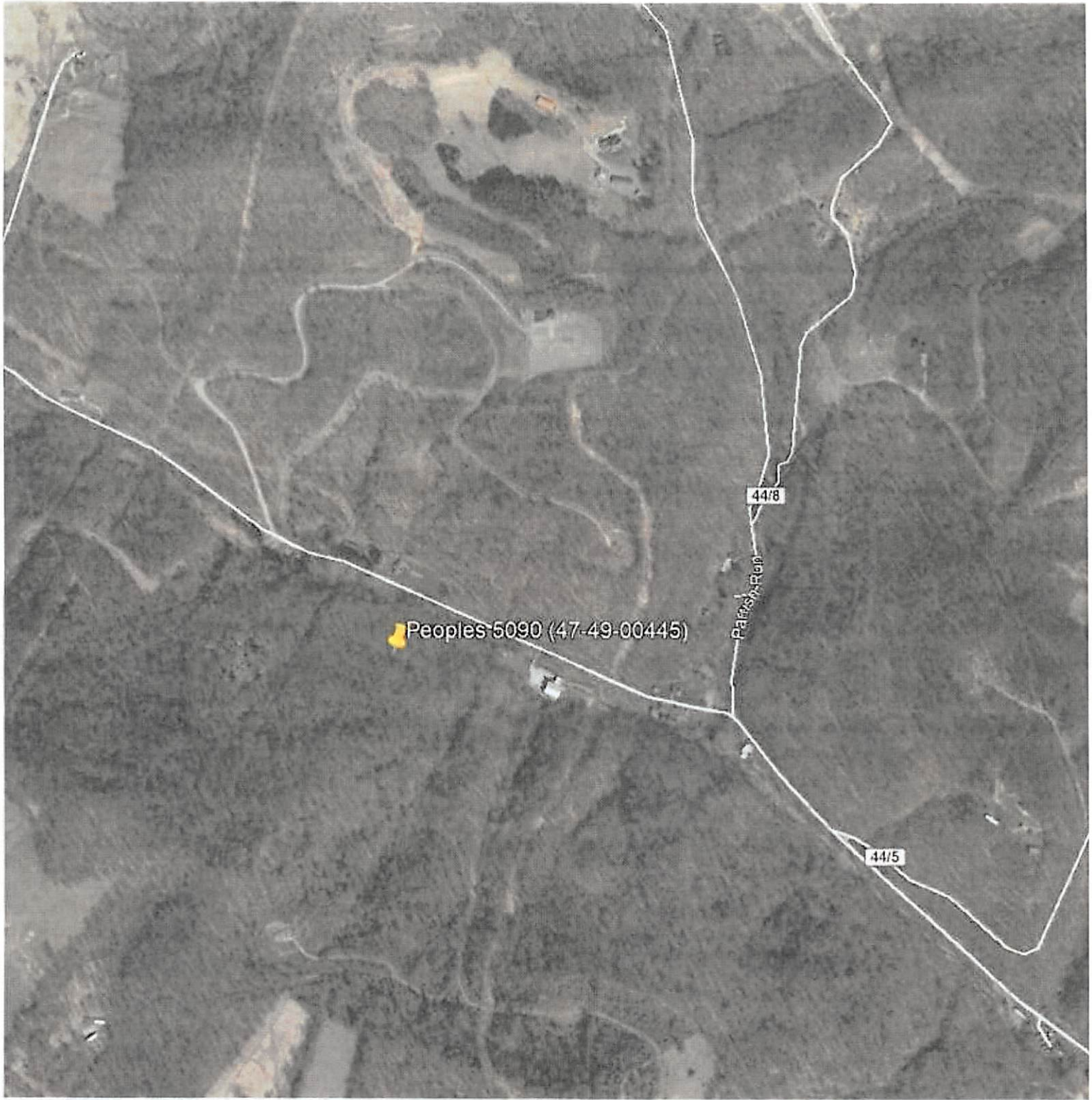
**FOR EXECUTION BY A CORPORATION,
ETC.**

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

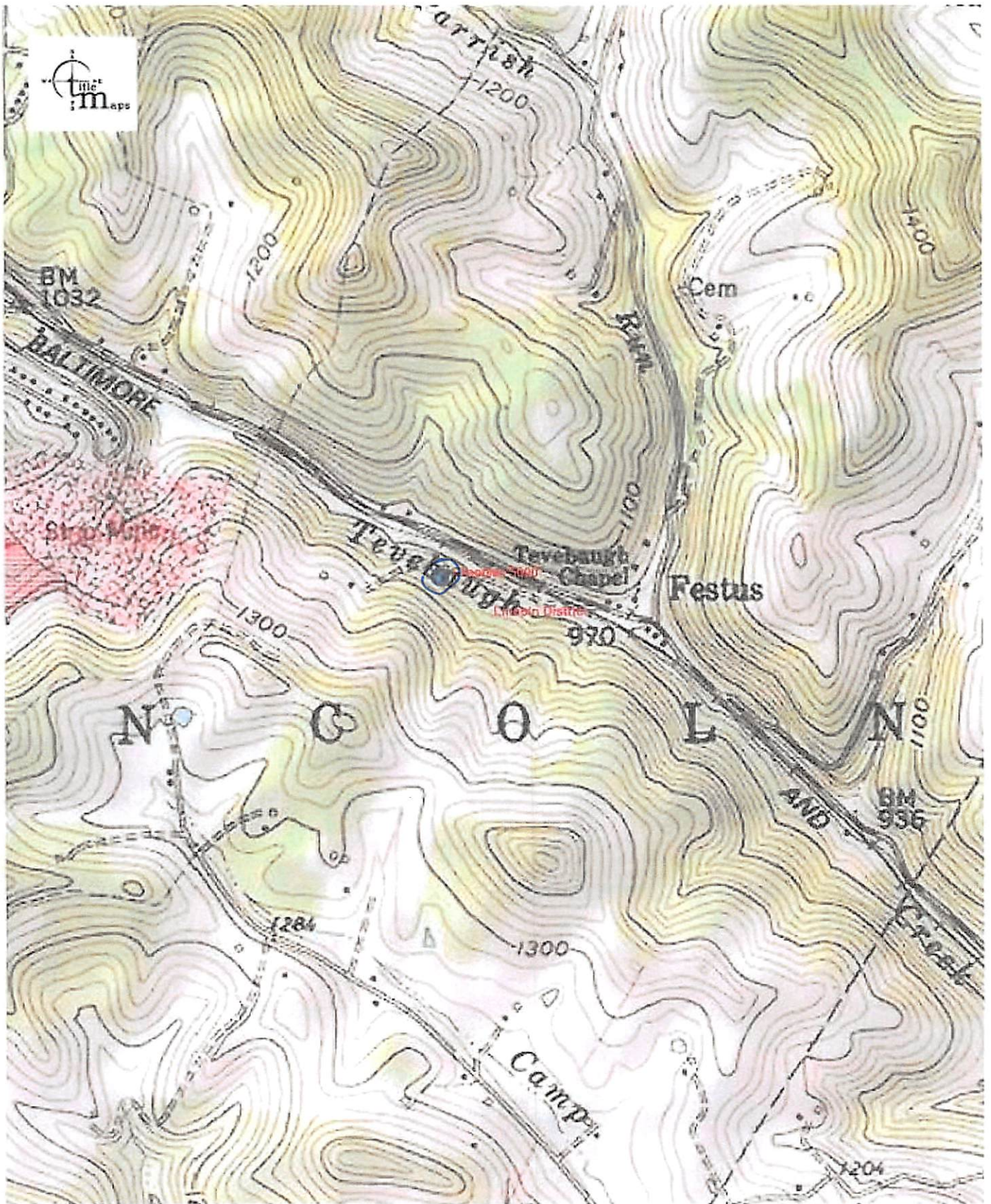
Date
08/13/2021

47-049-00445 P



08/13/2021

Peoples 5090 topo



1000ft

Approximate Scale 1:12,000

06/17/2021 - 04:01:07 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 Map No. 08/13/2021
 accuracy or correctness of the map information shown herein.

08/13/2021

WW-7
8-30-06



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

API: 47-049-00445 WELL NO.: 5090

FARM NAME: Mary C. Tetrick

RESPONSIBLE PARTY NAME: Peoples Gas WV, LLC

COUNTY: Marion DISTRICT: Lincoln

QUADRANGLE: Shinnston

SURFACE OWNER: Gary & Cindy Eagle

ROYALTY OWNER: Tetrick heirs

UTM GPS NORTHING: 4369343.00

UTM GPS EASTING: 560788.26 GPS ELEVATION: N/A 970'

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.

DOUG DOUGLAS
Signature

Land Manager
Title

8/9/2021
Date

08/13/2021



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

Plugging Vertical Well Work Permit (API: 47-049-00445)

1 message

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

Tue, Aug 10, 2021 at 10:53 AM

To: Doug Douglass <ddouglass@reserveoilandgas.com>, "Harris, Bryan O" <bryan.o.harris@wv.gov>

Cc: Mark Trach <mtrach@wvassessor.com>

I have attached a copy of the newly issued well [permit](#) number "5090", **API (47-049-00445)**. This will serve as your copy.

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

Thank you,

Wade A. Stansberry

Environmental Resources 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

2 attachments

 **IR-8 Blank.pdf**
157K

 **47-049-00445 - Copy.pdf**
2612K

08/13/2021