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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

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, April 29, 2019

WELL WORK PLUGGING PERMIT  
 Vertical Plugging

BRAXTON OIL AND GAS CORP.  
 P. O. BOX 219

COALTON, WV 262570219


Re: Permit approval for 1  
 47-021-02677-00-00

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: DAISY VARNER C/O TERES   
 U.S. WELL NUMBER: 47-021-02677-00-00  
 Vertical Plugging  
 Date Issued: 4/29/2019

I

47-021-02677P

05/03/2019

## 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

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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.

1) Date February 26, 05/03/2019  
2) Operator's  
Well No. G. Collins #1  
3) API Well No. 47-021-02677 P

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 \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow X
- 5) Location: Elevation 1114' Watershed Stewart Creek  
District Glenville County Gilmer Quadrangle Glenville
- 6) Well Operator Braxton Oil & Gas Corp. 7) Designated Agent Mike Ross Inc.  
Address P.O. Box 219 Address P.O. Box 219  
Coalton, WV 26257 Coalton, WV 26257
- 8) Oil and Gas Inspector to be notified Name Danny Mullins 9) Plugging Contractor Name N/A  
Address 220 Jack Acres Rd. Address \_\_\_\_\_  
Buckhannon, WV 26201

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

- Free point and recover casing's & tubular's
- 6% Gel between plug's
- Set cement plug 1550' to TD (2028') Plug 100' above top perf
- Set 100' cement plug across casing cut
- Set 100' cement plug 1050' to 1150' ( salt bearing strata & elevation plug)
- Set cement plug 400' to surface, (8" casing plug, freshwater protection plug)
- Tag plug's as necessary, Set monument with API number

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WV Department of  
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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 Danny Mullins Date 3-4-19





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JAN 26 1977

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Glenville

Permit No. GIL-2677

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

Company <u>Pacific States Gas &amp; Oil, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 67, Glenville, WV 26351</u>	Size			
Farm <u>Granville Collins</u> Acres <u>304</u>	20-16			
Location (waters) <u>Stewart Creek</u>	Cond.			
Well No. <u>one</u> Elev. <u>1114'</u>	13-10"			
District <u>Glenville</u> County <u>Gilmer</u>	9 5/8			
The surface of tract is owned in fee by <u>Daisy Varner</u>	8 5/8	305	305	to surface
Address <u>Glenville, West Virginia</u>	7			
Mineral rights are owned by <u>Granville Collins et al</u> Address <u>Glenville, West Virginia</u>	5 1/2			
Drilling Commenced <u>6/14/76</u>	4 1/2			
Drilling Completed <u>6/25/76</u>	3	2028	2028	225 sacks
Initial open flow <u>N/A</u> cu. ft. _____ bbls.	2			
Final production <u>* 1.7MM</u> cu. ft. per day <u>0</u> bbls.	Liners Used			
Well open <u>18</u> hrs. before test <u>835</u> RP.				

Well treatment details: Attach copy of cementing record.  
Fraced Weir with 1000 gallons 15% HCl, 20,000 lb 20/40 sand.  
Fraced Big Injun with 1000 gallons 15% HCl, 30,000 lb 20/40 sand.

\* Calculated absolute open flow  
Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 65 Feet \_\_\_\_\_ Salt Water none Feet \_\_\_\_\_  
Producing Sand Weir, Big Injun Depth 1685 - 1969

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Maxton			1522	1550		
Little Lime			1574	1590		
Blue Monday			1592	1610	gas	
Big Lime			1615	1659	gas	
Keener			1659	1708	gas	
Big Injun			1708	1772	gas	
Weir			1855	1964	gas	

PRODUCTION CASING  
MAY BE 4 1/2" INSTEAD  
OF 3" AS INDICATED  
ON COMPLETION REPORT.

JMM

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\* Indicates Electric Log tops in the remarks section.

(over)



05/03/2019

09-11

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

RECEIVED

JUN 24 1976

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 61-2677

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Pacific States Gas & Oil Inc

Address \_\_\_\_\_

Farm Granville Collins

Well No. 1

District Glenville County Gilmer

Drilling commenced 6-17-76

Drilling completed 6-21-76 Total depth 2039

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water 30' feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 3/4 <u>8 3/4</u>		302	
8 1/2			Depth set _____
5 3/16 <u>4 1/2</u>		<u>2019</u>	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 3/4 SIZE 302 No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
Came to Surface 100 Bbl  
 NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Rush

Contr - Glenn L. Houghton's Sons - Rotary - Air

Remarks:

Rigging Done

Big line - 1604-1687

6-22-76  
DATE

[Signature]  
DISTRICT WELL INSPECTOR



THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL DEEPEN FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If Known) Glenn L. Haught and Sons RESPONSIBLE AGENT: John Work  
 NAME Glenn L. Haught and Sons ADDRESS P. O. Box 67, Glenville, W. Va.  
 ADDRESS Smithville, West Virginia TELEPHONE 462-8118  
 TELEPHONE 462-477-2222 ESTIMATED DEPTH OF COMPLETED WELL: 2100 ft ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX COMB. XX STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP FOR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	300	300	surface
7			
5 1/2			
4 1/2	2100	2100	250 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET SALT WATER NONE FEET  
 APPROXIMATE COAL DEPTHS unknown  
 IS COAL BEING MINED IN THE AREA? no BY WHOM? \_\_\_\_\_

TO DRILL: \_\_\_\_\_  
 SUBMIT FIVE (5) COPIES OF OG-1, \$100.00 PERMIT-FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.  
 TO DRILL DEEPER OR REDRILL: \_\_\_\_\_  
 SUBMIT FIVE (5) COPIES OF OG-1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE: \_\_\_\_\_  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.  
 Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

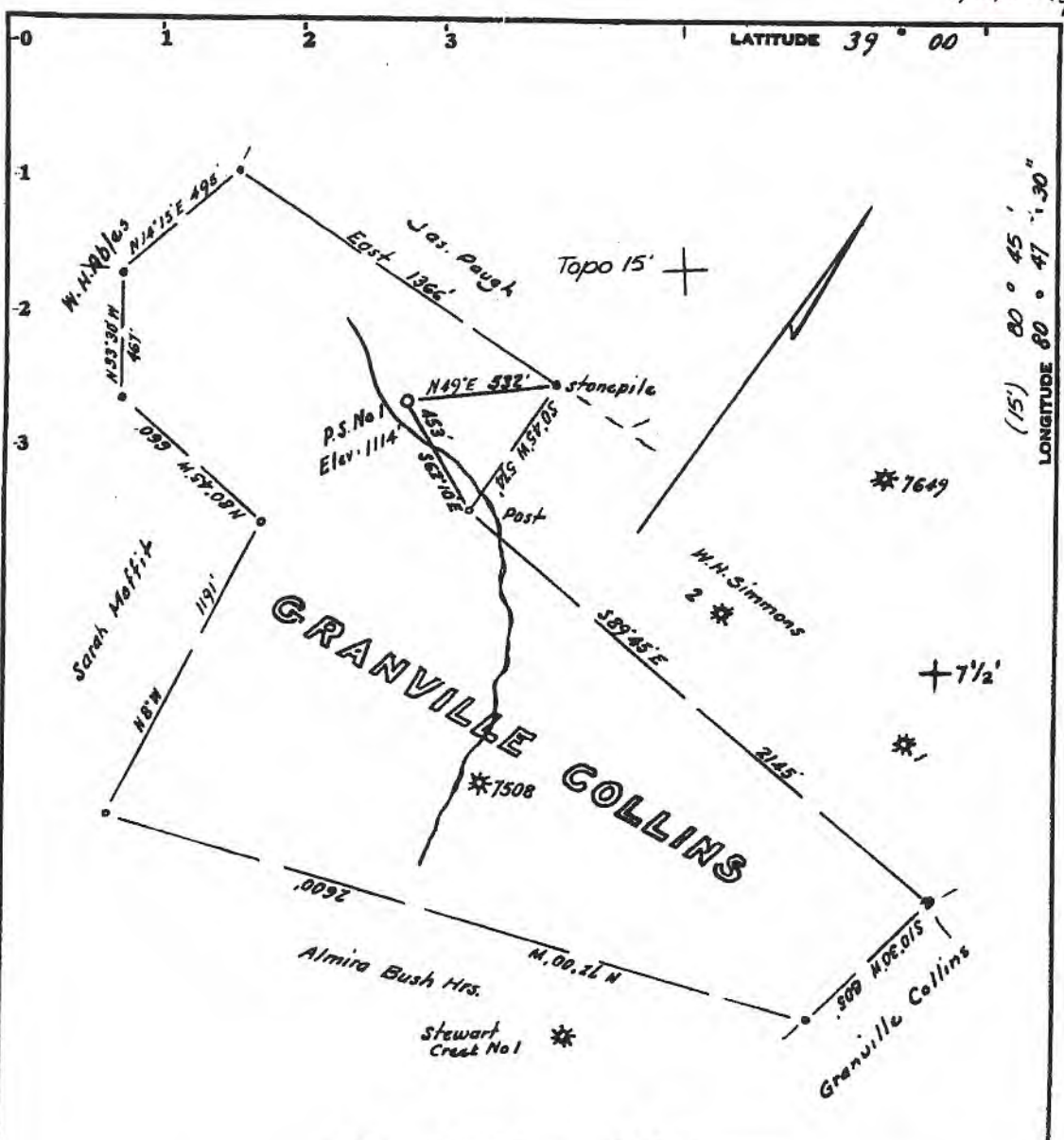
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
 \_\_\_\_\_ For Coal Company  
 \_\_\_\_\_ Official Title





Minimum Error of Closure 1 in 200

Source of Elevation Elev. Well (Equivalent No. 7508) \* 7671'

968

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.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: [Signature]  
Squares: N S E W

Company Pacific States Gas & Oil Corp  
 Address Glenville, W. Va.  
 Farm Granville Collins Mrs Daisy Varner  
 Tract \_\_\_\_\_ Acres 108 Lease No. \_\_\_\_\_  
 Well (Farm) No. P.S. No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1114  
 Quadrangle Glenville 15' Glenville 7 1/2'  
 County Gilmer District Glenville  
 Engineer [Signature]  
 Engineer's Registration No. 1827  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date May 29, 1976 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. GIL-2677

+ Denotes location of well on United States Topographic Maps, scale 1 to <sup>24,000</sup>/<sub>62,500</sub>, latitude and longitude lines being represented by border lines as shown.

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

47-021

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Office of Oil and Gas

MAR 8 2019

WV Department of  
Mineral Production

05/03/2019

WW-4A  
Revised 6-07

1) Date: February 26, 2019  
2) Operator's Well Number  
G. Collins#1

3) API Well No.: 47 - 021 - 02677

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>Daisy Varner c/o Teresa Linz</u>	Name <u>N/A</u>
Address <u>506 Middlebrooke Trace</u>	Address _____
<u>Canton, GA 30115</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
_____	_____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Danny Mullins</u>	(c) Coal Lessee with Declaration
Address <u>220 Jack Acres Rd.</u>	Name <u>N/A</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>1-304-932-6844</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.

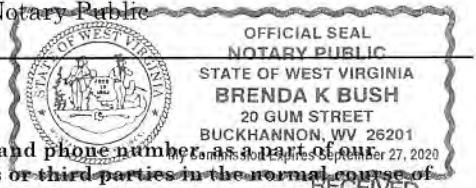
Well Operator Braxton Oil & Gas Corp.  
 By: *Mike Boss*  
 Its: President  
 Address P.O. Box 219  
Coalton, WV 26257  
 Telephone 1-304-472-4289

Subscribed and sworn before me this 27<sup>th</sup> day of February, 2019

My Commission Expires September 27, 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).



MAR 8 2019



47-021-02677P  
05/03/2019

WW-9  
(5/16)

API Number 47 - 021 - 02677  
Operator's Well No. \_\_\_\_\_

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

Operator Name Braxton Oil & Gas Corp. OP Code 306085

Watershed (HUC 10) Stewart Creek Quadrangle Glenville

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 \_\_\_\_\_)

Will closed loop system be used? If so, describe: \_\_\_\_\_

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

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

Additives to be used in drilling medium? \_\_\_\_\_

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

-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 *Mike Ross*  
Company Official (Typed Name) Mike Ross  
Company Official Title President

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WV Department of  
Environmental Protection

Subscribed and sworn before me this 27<sup>th</sup> day of February, 2019

*Brenda K Bush*

My commission expires September 27, 2020



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch Hay Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

Fescue 30

Fescue 30

Contractor's Mix

Contractor's Mix

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: *Danny Miller*

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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WV Department of  
Environmental Protection

Title: *OGS Inspector*

Date: *3-4-19*

Field Reviewed? ( ) Yes (  ) No



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
GROUNDWATER PROTECTION PLAN

Operator Name: Braxton Oil & Gas Corp.  
Watershed (HUC 10): Stewart Creek Quad: Glenville  
Farm Name: \_\_\_\_\_

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

N/A

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

N/A

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Stewart Creek

4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

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WV Department of  
Environmental Protection

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No material will be used

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

N/A

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

N/A

Signature:

*Tuke Ross*

Date:

February 27, 2019

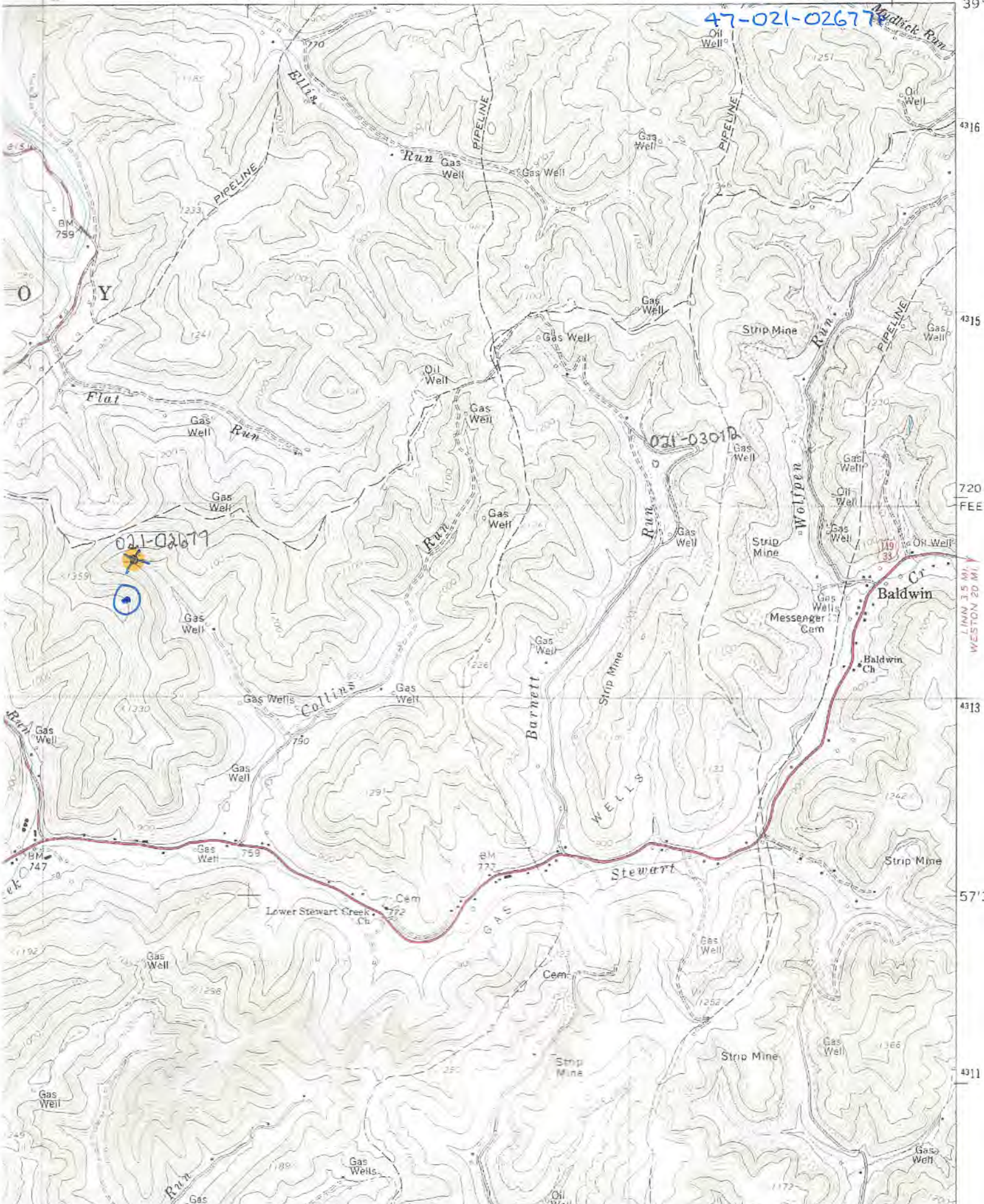
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WV Department of  
Environmental Protection



517 47'30" 519 520 2 070 000 FEET 80° 45' 39"



720  
FEE  
LINN 3.5 MI  
WESTON 2.0 MI



WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-021-02677 WELL NO.: 1

FARM NAME: G. Collins

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Gilmer DISTRICT: Glenville

QUADRANGLE: Glenville

SURFACE OWNER: Daisy Varner c/o Teresa Linz

ROYALTY OWNER: Granville Collins Heirs

UTM GPS NORTHING: 4313701.0

UTM GPS EASTING: 517457.2 GPS ELEVATION: 1114'

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.

*Mike Ross*

Signature

President

Title

Feb. 27, 2019

Date

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