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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)

Tuesday, April 16, 2019

WELL WORK PLUGGING PERMIT  
 Vertical Plugging

BRAXTON OIL AND GAS CORP.  
 P. O. BOX 219  
 COALTON, WV 262570219

Re: Permit approval for SEARS 2  
 47-007-01108-00-00

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: SEARS 2  
 Farm Name: FRIEND, ROBERT  
 U.S. WELL NUMBER: 47-007-01108-00-00  
 Vertical Plugging  
 Date Issued: 4/16/2019

## 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 April 16, 2019 04/19/2019  
2) Operator's  
Well No. Sears #2  
3) API Well No. 47-007 - 01108 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 1453' Watershed Slabcamp Run of Cedar Creek  
District Otter County Braxton Quadrangle Burnsville
- 6) Well Operator Braxton Oil & Gas Corp. 7) Designated Agent Mike Ross  
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 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 1650' to TD (2436') Plug 100' above top gas show
- Set 100' cement plug across casing cut
- Set cement plug 1400' to 1500' (elevation plug)( salt bearing strata)
- Set 100' cement plug 600' to 700'
- Set cement plug 250' to surface,(8" casing plug, freshwater protection plug and surface plug) Tag plug's as necessary, Set Monument with API number

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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 4-16-19





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division  
WELL RECORD

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APR 2 1974

OIL & GAS DIVISION  
DEPT OF MINES

Quadrangle Burnsville S.W  
Permit No. Brax-1108

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

Company Braxton Oil & Gas Corp.  
Address 2021 NW 50th St. Okla. City, Okla. 73112  
Farm Robert Friend Acres 104.17  
Location (waters) Slab Camp Run of Cedar Cr.  
Well No. Two (2) Elev. 1453  
District Otter County Braxton  
The surface of tract is owned in fee by Robert Friend  
Address Exchange, W. Va.  
Mineral rights are owned by Ethel Sears  
Address Sutton, W. Va.  
Drilling Commenced 8/19/74  
Drilling Completed 8/21/74  
Initial open flow 50,000 cu. ft. none bbls.  
Final production 600mcf cu. ft. per day \_\_\_\_\_ bbls.  
Well open 3 hrs. before test 600lb 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	151	151	50 sks.
7			
5 1/2			
4 1/2		2436	125 sks.
3			
2 1" siphon		2375	
Lines Used			

Well treatment details:  
9/20/74-Dowell.  
Acid-2000 gal. Water-881 bbls. Sand-20/40 25,000. 10/20 25,000.

Attach copy of cementing record.

DM

Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water none Feet \_\_\_\_\_ Salt Water none Feet \_\_\_\_\_  
Producing Sand Injun Depth 2280-2410

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock & Sand			0	525		
Sand & shale			525	975		
Red Rock & shale			975	1350		
Slate & shale			1350	1590		
Sand			1590	1688		
Shale			1688	1720		
Sand			1720	1770		Show gas 1750-70
Shale			1770	1920		
Sand			1920	2020		Show gas 1920-35
Sand & shale			2020	2186		
Pencil Cave			2186	2196		
Sig Lime			2196	2280		
Injun			2280	2410		
Squaw			2410	2430		
Siltstone			2430	2436		T.D.

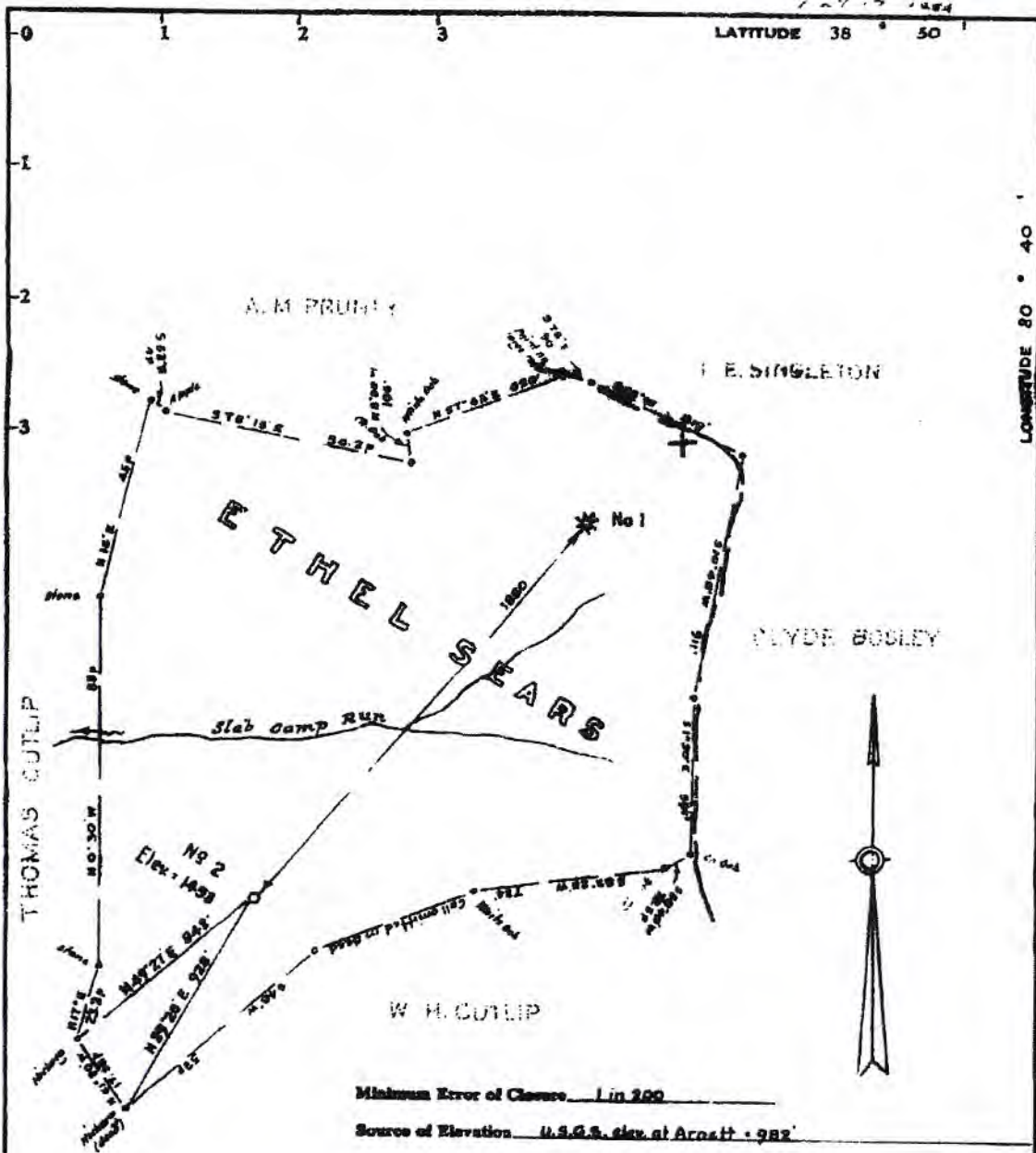
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\* Indicates Electric Log tops in the remarks section.

(over)



DM

Minimum Error of Closure Lin 200  
 Source of Elevation U.S.G.S. elev. at Aracitt - 982'

- 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.

Map No.

Signed: W. H. Cutlip  
 Squares: N S E W

Company W. H. Cutlip & Sons, Inc.  
 Address 101 N.E. 28th Street, Oklahoma City, Oklahoma  
 Firm Ethel Sears (W. H. Cutlip & Sons)  
 Tract Acres 104.17 Lease No. \_\_\_\_\_  
 Well (Farm) No. Two Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1483  
 Quadrangle Burnsville  
 County Bracon District Ottar  
 Engineer W. H. Cutlip  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

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

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### WELL LOCATION MAP

APR 16 2019

FILE NO. Bracon-1108

WV Department of  
 Environmental Protection

+ 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.



WW-4A  
Revised 6-07

1) Date: April 16, 2019  
2) Operator's Well Number  
Sears #2

3) API Well No.: 47 - 007 - 01108

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

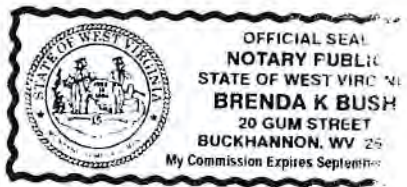
4) Surface Owner(s) to be served:		5) (a) Coal Operator	
(a) Name	<u>Anthony M. Kominiarek</u>	Name	<u>N/A</u>
Address	<u>529 Braxton Run Rd.</u> <u>Exchange, WV 26619</u>	Address	_____
(b) Name	_____	(b) Coal Owner(s) with Declaration	
Address	_____	Name	<u>N/A</u>
		Address	_____
(c) Name	_____	Name	_____
Address	_____	Address	_____
6) Inspector	<u>Danny Mullins</u>	(c) Coal Lessee with Declaration	
Address	<u>220 Jack Acres Rd.</u> <u>Buckhannon, WV 26201</u>	Name	<u>N/A</u>
Telephone	<u>1-304-932-6844</u>	Address	_____

**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-1B, 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 Braxton Oil & Gas Co.  
 By: [Signature]  
 Its: President  
 Address P.O. Box 219  
Coalton, WV 26257  
 Telephone 1-304-472-4289

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APR 16 2019

Subscribed and sworn before me this 16<sup>th</sup> day of April, 2019.  
Brenda K Bush Notary Public  
My Commission Expires September 27, 2020

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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).



**SURFACE OWNER WAIVER**

Operator's Well  
Number

47-007-01108 Sears #2

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

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**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.

APR 18 2019  
WV Department of  
Environmental Protection

I further state that I have no objection to the planned work described in these materials and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

  
Signature

Date 4/16/19 Name \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_

\_\_\_\_\_  
Signature Date



WW-9  
(5/16)

47-007-01108 P  
04/19/2019

API Number 47 - 007 - 01108  
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 Co. OP Code 306085

Watershed (HUC 10) Slabcamp Run of Cedar Creek Quadrangle Burnsville

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

APR 16 2019

WV Department of  
Environmental Protection

Subscribed and sworn before me this 16<sup>th</sup> day of April, 2019

Brenda K Bush

My commission expires September 27, 2020

Notary Public



OFFICIAL SEAL  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
BRENDA K BUSH  
20 GUM STREET  
BUCKHANNON, WV 26201

My Commission Expires September 27, 2020



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

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
Fescue	30
Contractor's Mix	

Seed Type	lbs/acre
Fescue	30
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: \_\_\_\_\_



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

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APR 16 2019

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Title: ODS Inspector

Date: 4-16-19

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): Slabcamp Run of Cedar Creek Quad: Burnsville  
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.

Slabcamp Run of Cedar Creek

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

N/A

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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: Mike Ross

Date: April 16, 2019

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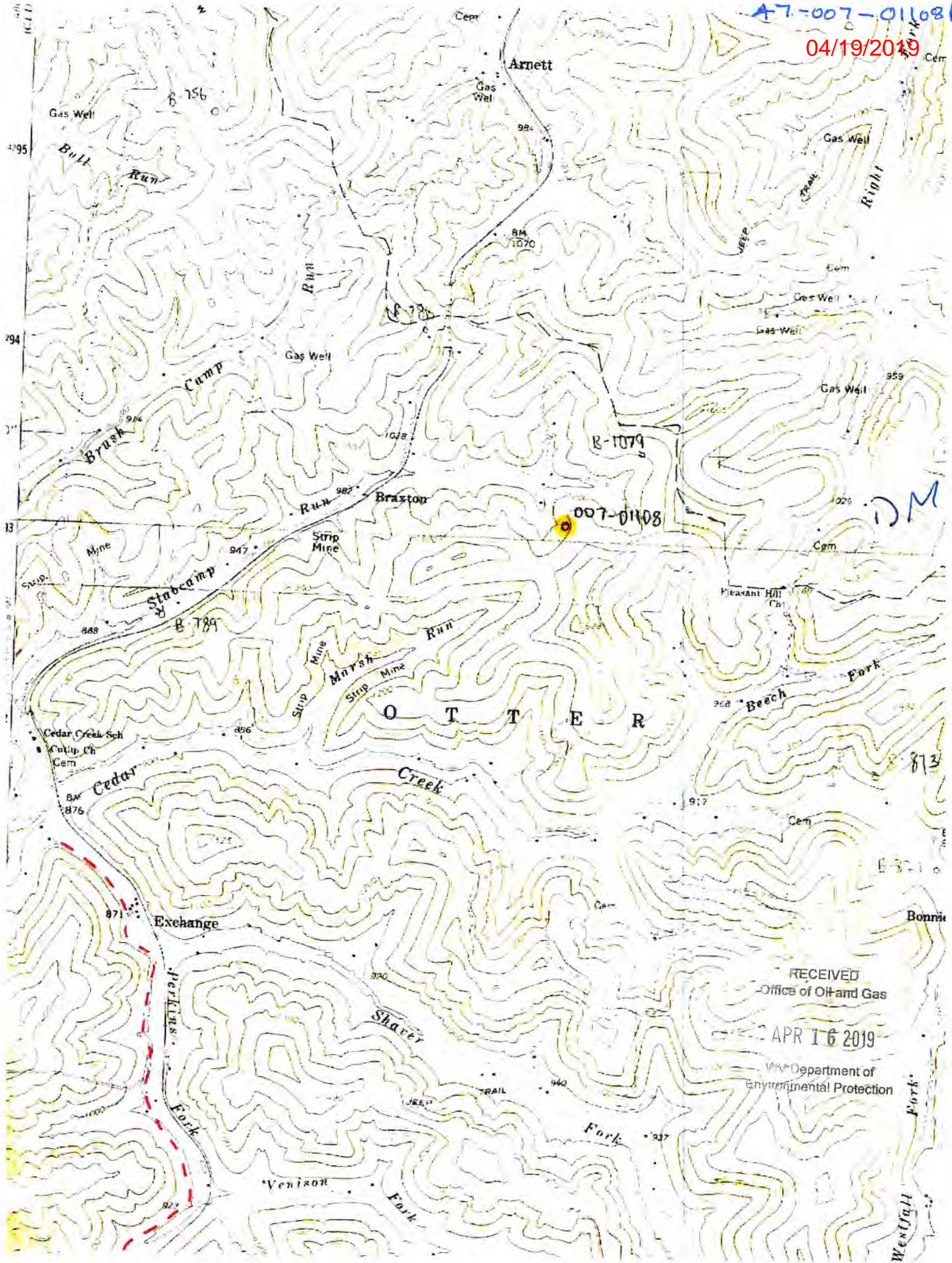
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A7-007-01108P

04/19/2019



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WW-7  
8-30-06



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

API: 47-007-01108 WELL NO.: 2

FARM NAME: Sears

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Braxton DISTRICT: Otter

QUADRANGLE: Burnsville

SURFACE OWNER: Anthony M. Kominiarek

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4293286.9

UTM GPS EASTING: 524562.5 GPS ELEVATION: 1453'

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

April 16, 2019  
Date

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