



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

Monday, April 8, 2019

WELL WORK PLUGGING PERMIT
Vertical Plugging

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

COALTON, WV 262570219

Re: Permit approval for SEARS 1
47-007-01079-00-00

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 1
Farm Name: FRIEND, ROBERT
U.S. WELL NUMBER: 47-007-01079-00-00
Vertical Plugging
Date Issued: 4/8/2019

I

47-007-01079 P

04/12/2019

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.

1) Date January 22, 04/12/2019
2) Operator's Well No. Sears #1
3) API Well No. 47-007-01079

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 1388' 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
Address 220 Jack Acres
Buckhannon, WV 26201
9) Plugging Contractor Name N/A Deen Bucher
Address emails hosaflook@yahoo.com

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 1800' to TD (2454') Plug 100' above top perf
- Set 100' cement plug across casing cut
- Set cement plug 1300' to 1400' (elevation plug)(salt bearing strata)
- Set 100' cement plug ^{750'} ~~600'~~ ^{350'} ~~700'~~
- Set cement plug 250' to surface, (10" 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 [Signature] Date 2/5/19

04/12/2019

OG-10
Rev. - 9-71



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APR 9 1974

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 2

39-00
7-32
(2)

Quadrangle Burnsville

Permit No. BRAX-1979

Rotary _____ Oil _____
Cable X Gas X c. NO. _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____
(Kind)

Company <u>Braxton Oil & Gas Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>LOINE 26th St., Okla. City, Okla.</u>				
Farm <u>Robert Friend</u> Acres. <u>105</u>				
Location (waters) <u>Slabcamp Run of Cedar Creek</u>				
Well No. <u>1</u> Elev. <u>1388'</u>	20-16			
District <u>Otter</u> County <u>Braxton</u>	Cond.			
The surface of tract is owned in fee by <u>Robert Friend</u>	19-10"	200'	200'	60
Address <u>Exchange, W. Va.</u>	9 5/8			
Mineral rights are owned by <u>Ethel Sears</u>	8 5/8	780'	0	
Address <u>Sutton, W. Va.</u>	7			
Drilling Commenced <u>10/12/73</u>	5 1/2			
Drilling Completed <u>12/28/73</u>	4 1/2		2425'	125
Initial open flow <u>60 M.</u> cu. ft. _____ bbls.	3			
Final production <u>2.0mm</u> cu. ft. per day _____ bbls.	<u>1" Siphon</u>		2275'	
Well open <u>4</u> hrs. before test <u>600</u> RP.	Liners Used			

Well treatment details: Attach copy of cementing record.
Well fractured on 3/28/74-Dowell Acid - 15% - 2,000 gal.
Water - 808 bbls.
Sand - 20/40 30,000 lbs. 10/20 - 26,000 lbs.

Coal was encountered at none Feet _____ Inches _____
 Fresh water none Feet _____ Salt Water 1840 Feet _____
 Producing Sand Injun and Squaw Depth 2200 - 2310

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock			0	35		
Sand			35	45		
Slate			45	55		
Sand			55	70		
Slate			70	125		
Sand			125	148		
Slate			148	158		
Lime			158	215		
Slate			215	240		
Lime			240	255		
Slate			255	280		
Sand			280	324		
Slate			324	336		
Red Rock			336	370		
Slate			370	380		
Sand			380	410		
Red Rock			410	475		
Sand			475	540		
Red Rock			540	560		
Slate			560	595		
Sand			595	620		
Red Rock			620	650		
Slate			650	660		
Sand			660	765		

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* Indicates Electric Log tops in the remarks section. (over)

04/12/2019

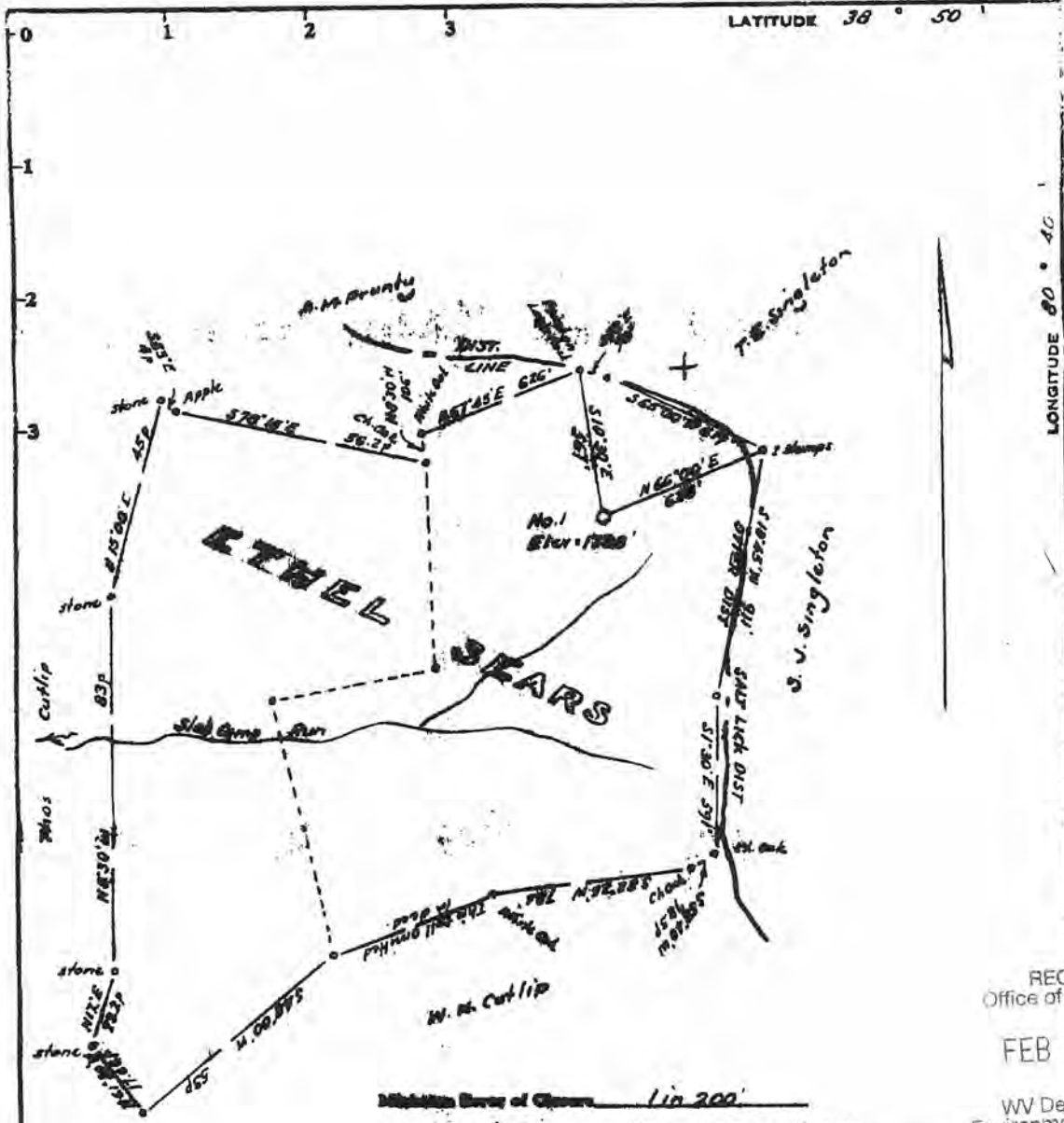
Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime			765	805		
Sand			805	853		
Lime			853	898		
Sand			898	950		
Lime			950	1000		
Slate			1000	1015		
Sand			1015	1056		
Slate			1056	1080		
Sand			1080	1195		
Slate & Shells			1195	1520		
Lime			1520	1555		
Sand			1555	1590		
Slate			1590	1635		
Sand			1635	1680		
Slate			1680	1710		
Sand			1710	1745		
Slate & Shells			1745	1815		
Sand			1815	1860		
Slate			1860	1878		
Sand			1878	1964		Show gas & oil 1910-20
Lime			1964	1977		
Red Lime			1977	1995		
Slate			1995	2043		
Little Lime			2043	2060		
Pencil Cave			2060	2062		
Big Lime			2062	2156		
Kenner Sand			2156	2200		Show gas 2235-40
Injun Sand			2200	2300		Show gas 2280-90
Slate			2300	2305		
Squaw			2305	2315		
Shale			2315	2440		
Weir Sand			2440	2446		Gas 40-46
Slate			2446	2454		T.D.

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WV Department of
Environmental ProtectionDate 3/30, 19 74APPROVED Donald D. Gartin, OwnerBy President
(Title)

04/12/2019



Magnetic Error of Compass 1 in 200'
 Source of Elevation Elev. of Bench = 982

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- Fracture
- New Location
- Drill Hoop
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and contains all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]
 Map No. _____ Squares: N S E W

County [blacked out]
 Address [blacked out]
 Farm [blacked out]
 Tract [blacked out] Lease No. _____
 Well (Farm) No. [blacked out] Serial No. _____
 Elevation (Split Level) 1888
 Quadrangle [blacked out]
 County [blacked out] District [blacked out]
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date August 10, 1979 State 17 Register 495

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

WELL LOCATION MAP

FILE NO. 47-007-1079

+ 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: January 22, 2019
2) Operator's Well Number
Sears #1

3) API Well No.: 47 - 007 - 01079

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>	Address _____
<u>Exchange, WV 26619</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 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 electronic means in certain circumstances) on or before the day of mailing or delivery to the Chief.

Office of Oil and Gas

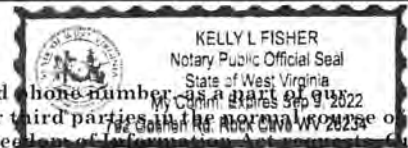
FEB 15 2019

Well Operator Braxton Oil & Gas Co.
 By: Tyrone Ross WV Department of Environmental Protection
 Title: President
 Address P.O. Box 219
Coalton, WV 26257
 Telephone 1-304-472-4289

Subscribed and sworn before me this 29TH day of January, 2019
Kelly L. Fisher Notary Public
 My Commission Expires September 9, 2022

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, 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.



47-007-01079 P

04/12/2019

SURFACE OWNER WAIVER

Operator's Well
Number

47-007-01079 Sears #1

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,

approximate location of the proposed well site including district documents, such as sketches, maps or photographs to support

ion a well work permit based on comments on the following

hazard to the safety of persons.
is not adequate or effective;
nds or resources;
sh water sources or supplies;
l violation of a previous permit or a substantial violation of one
Chapter 22, and has failed to abate or seek review of the

issued or a copy of the order denying the permit, you

STATEMENT OF NO OBJECTION
is to surface owners and that I have received copies of a Notice
n Forms WW-4A and WW-4B, and a survey plat.

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 Name By _____
Its _____ Date _____
Signature Date

7018 0680 0001 9527 6615

U.S. Postal Service™	
CERTIFIED MAIL® RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com	
EXCHANGE WV 26619 OFFICIAL USE	
Certified Mail Fee \$3.50	0099
Extra Services & Fees (check box, add fee as appropriate)	12
<input type="checkbox"/> Return Receipt (hardcopy) \$0.00	Postmark
<input type="checkbox"/> Return Receipt (electronic) \$0.00	Here
<input type="checkbox"/> Certified Mail Restricted Delivery \$0.00	
<input type="checkbox"/> Adult Signature Required \$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery \$0.00	
Postage \$0.55	01/29/2019
Total Postage and Fees \$6.85	
Sent To: ANTHONY M. ROMINIAREK BAAX	
Street and Apt. No. or PO Box No. 529 Braxton Rvn Rd. 47-007-01079	
City, State, ZIP+4® EXCHANGE, WV 26619	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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WW-9
(5/16)

API Number 47 - 007 - 01079 P
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

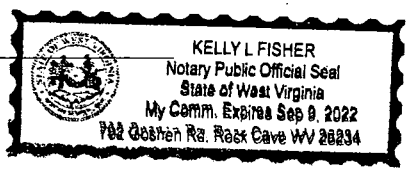
Company Official Title President

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WV Department of
Environmental Protection

Subscribed and sworn before me this 29th day of January, 20 19

Kelly L. Fisher Notary Public

My commission expires September 9, 2022



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

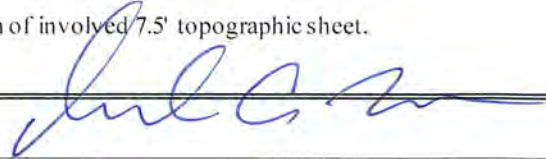
Seed Type	lbs/acre
Fescue	30
Contractor's Mix	

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: make every attempt to pull as much casing as possible

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Title: O: I + Gas Inspector

Date: 2/5/19

Field Reviewed? () Yes () No

04/12/2019

WW-9- GPP
Rev. 5/16

Page 1 of 2
API Number 47 - 007 - 01079
Operator's Well 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

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

N/A

- 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

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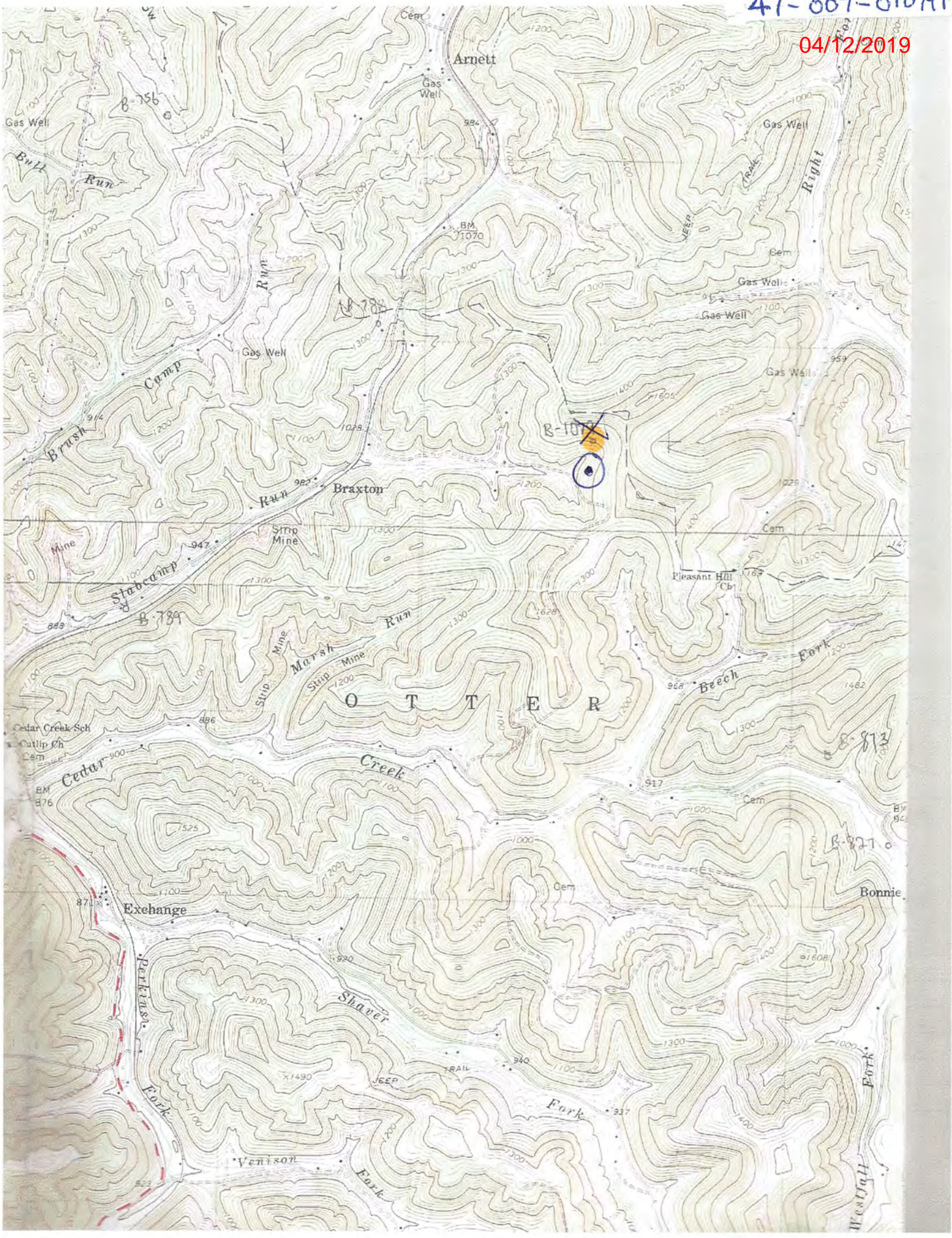
WV Department of
Environmental Protection

Signature:

Tribe Rex

Date:

1-28-19



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-007-01079 WELL NO.: 1

FARM NAME: Sears

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Braxton DISTRICT: Otter

QUADRANGLE: Burnsville

SURFACE OWNER: Anthony M. Kominiarek

ROYALTY OWNER: Ethel SEARS Heirs

UTM GPS NORTHING: 4293487.7

UTM GPS EASTING: 524914.4 GPS ELEVATION: 1388'

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

1-29-19
Date

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Office of Oil and Gas

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Environmental Protection