



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

Tuesday, May 26, 2020
WELL WORK PLUGGING PERMIT
Vertical Plugging

ROSS AND WHARTON GAS COMPANY, INC.
RT. 5, BOX 29

BUCKHANNON, WV 262010000


Re: Permit approval for E.P. GILLESPIE 1
47-007-01711-00-00

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: E.P. GILLESPIE 1
Farm Name: SHIRLEY AND/OR DANNY 
U.S. WELL NUMBER: 47-007-01711-00-00
Vertical Plugging
Date Issued: 5/26/2020

Promoting a healthy environment.

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.

WW-4B
Rev. 2/01

RECEIVED
Office of Oil and Gas

1) Date February 18, 2020
2) Operator's
Well No. E.P. Gillespie #1
3) API Well No. 47-007 - 01711 P

MAR 24 2020

WV Department of Environmental Protection
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 963' Watershed Westfall Fork
District Otter County Braxton Quadrangle Burnsville

6) Well Operator Ross & Wharton Gas Co. Inc. 7) Designated Agent Mike Ross
Address 354 Morton Ave. Address P.O. Box 219
Buckhannon, WV 26201 Coalton, WV 26257

8) Oil and Gas Inspector to be notified Name Danny Mullins
Address 220 Jack Acres Rd.
Buckhannon, WV 26201
9) Plugging Contractor Name N/A
Address _____

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 1840' to TD (2103') Plug 100' above top perf
- Set 100' cement plug across casing cut
- ★ Set 100' cement plug 900' to 1000' (salt bearing strata), elevation plug
- Set 100' cement plug 325 to 425'(8" casing plug, freshwater protection plug
- Set cement plug 100' to surface, surface plug
- Tag plug's as necessary, Set Monument with API number

★ SET 100' CEMENT PLUG ACROSS SALT WATER @ 521',
g m m

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 3-12-2020



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

NOV - 4 1981

Oil and Gas Division

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL RECORD

Rotary XXX Oil _____
Cable _____ Gas XXX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Burnsville 7 1/2'

Permit No. 47-007-1711

Company <u>Continental Petroleum Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 1, Sand Fork, WV 26430</u>				
Farm <u>E. P. Gillespie</u> Acres <u>38</u>	Size			
Location (waters) <u>Westfall Fork</u>	<u>20-16</u>			
Well No. <u>One (1)</u> Elev <u>963'</u>	Cond.			
District <u>Otter</u> County <u>Braxton</u>	<u>13-10"</u>			
The surface of tract is owned in fee by <u>E. P. Gillespie</u>	<u>9 5/8</u>			
Address <u>Rt. 1, Box 62, Exchange, WV 26619</u>	<u>8 5/8</u>	<u>378'</u>	<u>378'</u>	<u>100 Sacks</u>
Mineral rights are owned by <u>E. P. Gillespie, et al</u>	<u>7</u>			
Address <u>Rt. 1, Box 62, Exchange, WV 26619</u>	<u>5 1/2</u>			
Drilling Commenced <u>September 22, 1981</u>	<u>4 1/2</u>		<u>2025'</u>	<u>160 Sacks</u>
Drilling Completed <u>September 26, 1981</u>	<u>3</u>			
Initial open flow <u>492</u> m cu. ft. <u>0</u> bbls.	<u>2</u>			
Final production <u>258</u> m cu. ft. per day <u>0</u> bbls.	Liners Used			
Well open <u>48</u> hrs. before test <u>530</u> RP.				

DM

Well treatment details:

Attach copy of cementing record.

Halliburton: 10/2/81 - Injun Sand: 1946'-1949.5' - 40,000# 20/40 Sand; 510 BGW & 12 BA.

Coal was encountered at -None- Feet _____ Inches _____
Fresh water NR Feet _____ Salt Water 521 Feet _____
Producing Sand Injun Sand Depth 1930'-1954'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Clay			0	19		
Sand & Shale			19	43		
Sand			43	195		
Sand, Shale & Red Rock			195	210		
Sand			210	410		
Sand & Shale			410	1720		
Little Lime			1720	1745		
Sand & Shale			1745	1752		
Blue Monday			1752	1776		
Pencil Cave			1776	1784		
Big Lime			1784	1870		
Injun			1870	2035		
			2035	2103		
TD			2103			

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Environmental Protection

(over)

* Indicates Electric Log tops in the remarks section.

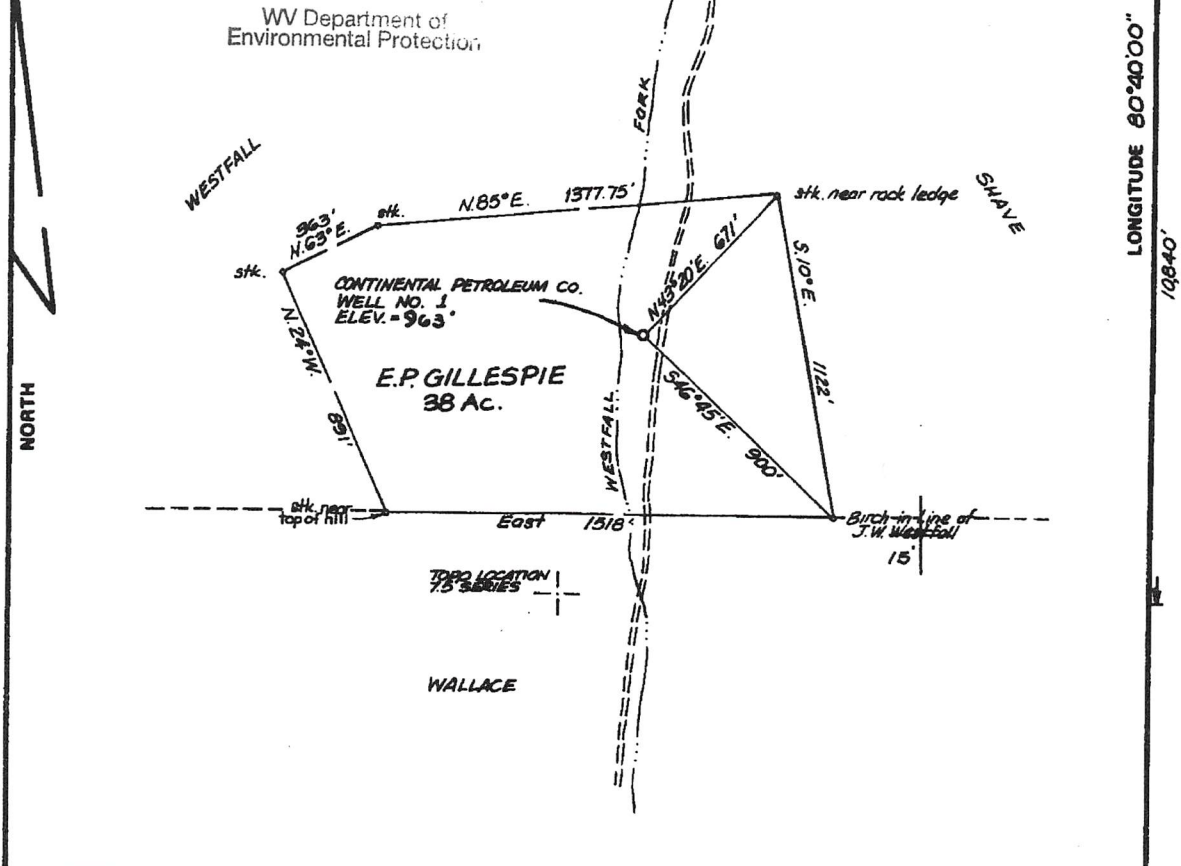
47-007-01711P

8050'

LATITUDE 38°47'30"
38' 50"

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LONGITUDE 80°40'00"
10840'

DM

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JUNCTION ROADS N. OF LOCATION ELEV. = 947'

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. Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE MAY 18, 19 81
 OPERATOR'S WELL NO. ONE
 API WELL NO. _____
47 - 007 - 1711
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 963' WATER SHED WESTFALL FORK
 DISTRICT OTTER COUNTY BRAXTON
 QUADRANGLE BURNSVILLE 7.5.
 SURFACE OWNER E.P. GILLESPIE ACREAGE 38
 OIL & GAS ROYALTY OWNER E.P. GILLESPIE, et al LEASE ACREAGE 38
 LEASE NO. _____

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 BIG INJUN ESTIMATED DEPTH 2130'
 WELL OPERATOR CONTINENTAL PETROLEUM CO. DESIGNATED AGENT MR. ROBERT R. JONES
 ADDRESS P.O. BOX 1 ADDRESS P.O. BOX 96
SAND FORK, W.V. 26430 SAND FORK, W.V. 26430

47-007-01711 P

WW-4A
Revised 6-07

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Office of Oil and Gas

MAR 24 2020

WV Department of
Environmental Protection

1) Date: February 18, 2020
2) Operator's Well Number
E.P. Gillespie #1
3) API Well No.: 47 - 007 - 01711

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

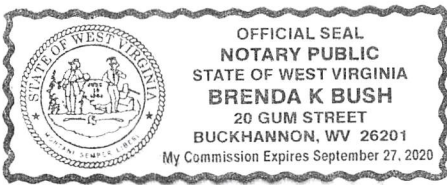
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name Shirley and/or Danny Gillespie	Name N/A
Address 52 Twistville Rd. Sutton, WV 26601	Address
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name N/A
	Address
(c) Name	Name
Address	Address
6) Inspector Danny Mullins	(c) Coal Lessee with Declaration
Address 220 Jack Acres Buckhannon, WV 26201	Name N/A
Telephone 1-304-932-6844	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-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 publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Ross & Wharton Gas Co. Inc.
 By: [Signature]
 Its: President
 Address 354 Morton Ave.
 Buckhannon, WV 26201
 Telephone 1-304-472-4289

Subscribed and sworn before me this 10th day of March, 2020.
[Signature] Notary Public
 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 depprivacyoffier@wv.gov.

47-007-01711 P

WW-9
(5/16)

API Number 47 - 007 - 01711
Operator's Well No. F. P. Gillespie #1

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

Operator Name Ross & Wharton Gas Co. Inc. OP Code 306580

Watershed (HUC 10) Westfall Fork 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

Subscribed and sworn before me this 10th day of March, 2020

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 _____ lbs/acre

Mulch Hay Tons/acre

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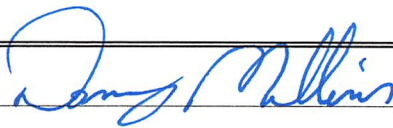
Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
<u>Fescue</u>	<u>30</u>	<u>Fescue</u>	<u>30</u>
<u>Contractor's Mix</u>		<u>Contractor's Mix</u>	
_____		_____	
_____		_____	

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: _____

Title: OOB Inspector Date: 3-12-2020

Field Reviewed? () Yes () No

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WW-9- GPP
Rev. 5/16

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API Number 47 - 007 - 01711
Operator's Well No. E.P. Gillespie #1

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

Operator Name: Ross & Wharton Gas Co. Inc.

Watershed (HUC 10): Westfall Fork 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.

Westfall Fork

- 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.

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Environmental Protection

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API Number 47 - 007 - 01711
Operator's Well No. E. P. Gillespie #1

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

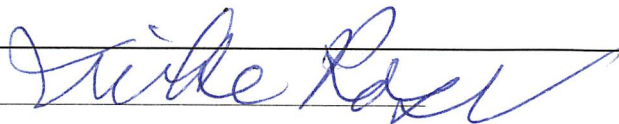
7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

N/A

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

N/A

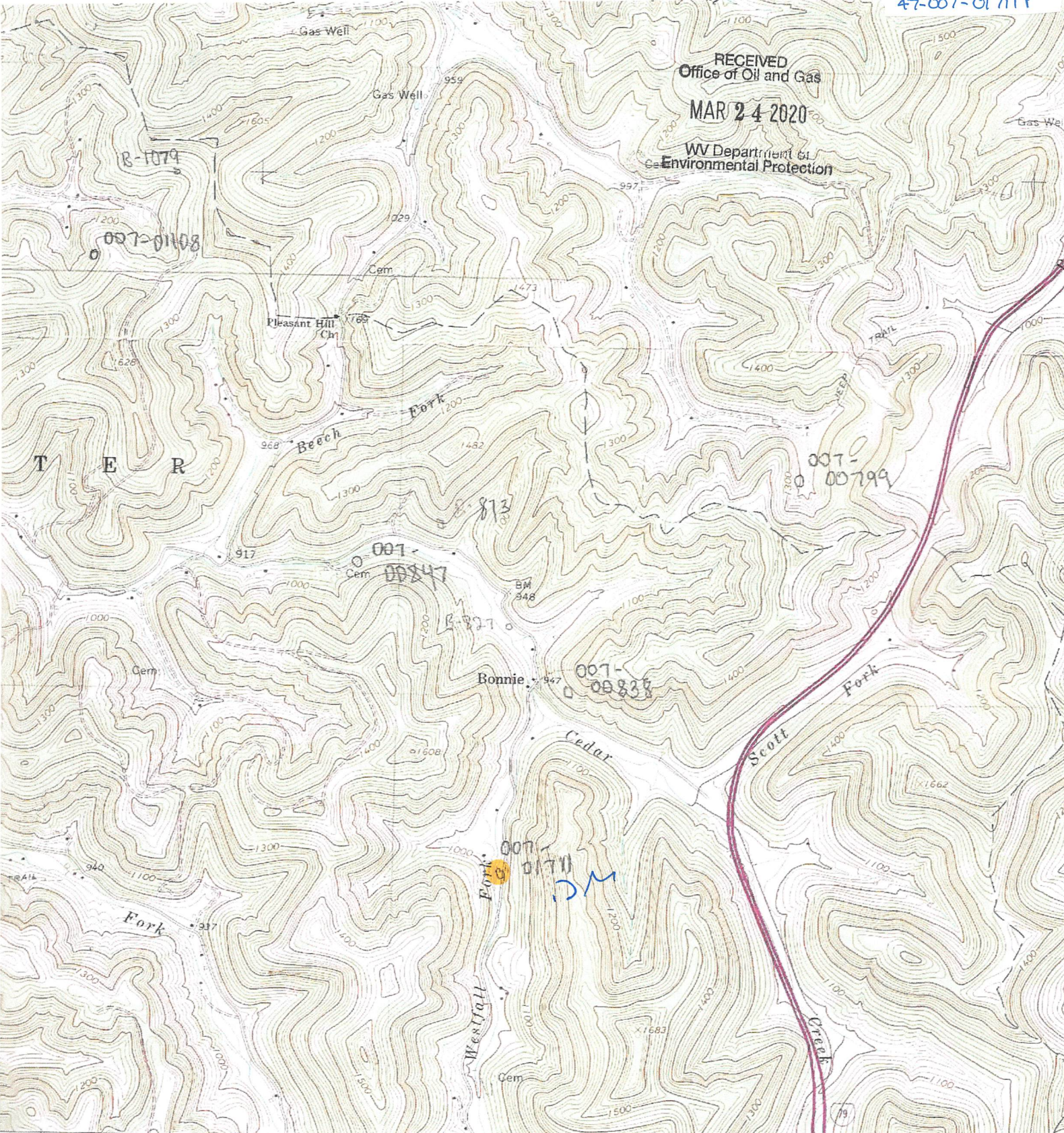
Signature:



Date:

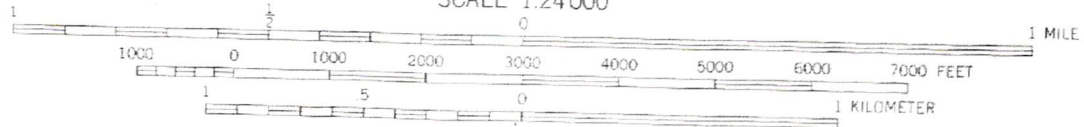
March 10, 2020

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MAR 24 2020
WV Department of
Environmental Protection

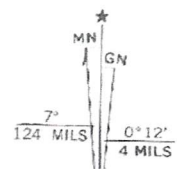


2 080 000 FEET 525 42'30" 526 527 (SUTTON) 4861 II NW 528 40'

SCALE 1:24000



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



47-007-01711P

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WV Department of
Environmental Protection

WW-7
8-30-06



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

API: 47-007-01711 WELL NO.: 1

FARM NAME: E.P. Gillespie

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Braxton DISTRICT: Otter

QUADRANGLE: Burnsville

SURFACE OWNER: Shirley and/or Danny Gillespie

ROYALTY OWNER: _____

UTM GPS NORTHING: 4290412.6

UTM GPS EASTING: 526504.0 GPS ELEVATION: 963'

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

March 10, 2020
Date