



west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

January 17, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1500981, issued to BLUE CREEK GAS COMPANY, 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 all 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 1
Farm Name: WHITE, BLANCHE
API Well Number: 47-1500981
Permit Type: Plugging
Date Issued: 01/17/2014

Promoting a healthy environment.

1) Date: 12/9/2013
2) Operator's Well Number 1

3) API Well No.: 47 15 0981

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

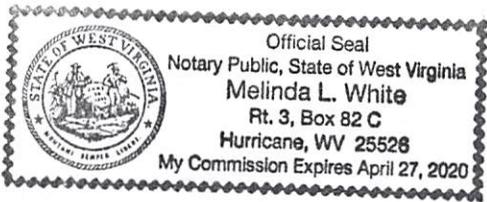
4) Surface Owner(s) to be served.	5) (a) Coal Operator
(a) Name <u>AlleghenyRoyal c/o Forest Land</u>	Name <u>Forest Land</u>
Address <u>Forest Land LLC</u>	Address _____
<u>3001 Emerson Avenue</u>	_____
(b) Name <u>Parkersburg, WV 26104</u>	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name _____
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-290-6782</u>	<u>Ed Cairns</u>
	<u>304 389 7582</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 Blue Creek Gas
By: Steve Rubin *SRubin*
Its: President
Address P.O. Box 6357
Charleston, WV. 304-342-0141
Telephone _____

RECEIVED
Office of Oil and Gas

Subscribed and sworn before me this 9th day of January 2014
Melinda L. White
My Commission Expires April 27, 2020
Notary Public 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.

1) Date 12/9/2012
2) Operator's Well No. 1
3) API Well No. 47-15-0981

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 ___

5) Location: Elevation 899' Watershed Leatherwood
District Henry 02 County Clay 15 Quadrangle ___

6) Well Operator Blue Creek Gas. 7) Designated Agent Steve Rubin
Address P.O.Box 6357 Address P.O.Box 6357
Charleston, WV. Charleston WV.

8) Oil and Gas Inspector to be notified Ed Gaine 9) Plugging Contractor
Name Terry Urban Name Duckworth Well Service
Address P.O.Box 1207 Address P.O.Box 6871
Charleston, WV. Charleston, WV. @5362
304/389/1582

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

Cement 1950' - 1850'
Cement 1200' - 1100'
Cement 500' - 400'
Cement 100' - 0"

Erect monument with API numbers.
Gel between all plugs.

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Office of Oil and Gas

JAN 17 2014

WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector



Date

1/10/14



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

34-30
6-21
2

Quadrangle Clay
Permit No. 981

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

Company Blue Creek Gas Company
Address P. O. Box 6357, Charleston, W. Va.
Farm Blanche White Acres 154
Location (waters) Leatherwood
Well No. 1 Elev. 899
District Henry County Clay
The surface of tract is owned in fee by
Blanche White, et al.
Address Bickmore, W. Va.
Mineral rights are owned by Same
Address Same
Drilling Commenced 9/16/73
Drilling Completed 9/22/73
Initial open flow _____ cu. ft. _____ hbbs.
Final production 500,000 cu. ft. per day _____ hbbs.
Well open _____ hrs. before test 560 lb. RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	20	20	
9 5/8			
8 5/8	210	210	Cemented-Halliburton
7			
5 1/2			
4 1/2	1940	1940	Cemented-Bowell
3			
2			
Liners Used			

Well treatment details:
Well Acidized with 6000 gal.

Attach copy of cementing record.

Coal was encountered at _____ feet _____ inches
Fresh water _____ Feet _____ Salt Water _____ Feet
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Rock & Sand			0	20		
Shale & Sand			20	200		
Sand & Shale			200	710		
Salt Sand			710	850		
Sand & Shale			850	1175		
Salt Sand			1175	1260		
Shale & Sand			1260	1634		
Little Lime			1634	1684		
Pencil Cave			1684	1716		
Big Lime			1716	1925		
Slate			1925	1957		

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MAY 1 1974

OIL & GAS DIVISION
DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.

API Number 47 - 15 - 0981
Operator's Well No. 1

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Blue Creek Gas OP Code _____

Watershed Leatherwood Quadrangle _____

Elevation 899' County Clay District Henry

Description of anticipated Pit Waste: _____

Will a synthetic liner be used in the pit? _____

WP Pit

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, 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 *Steve Rubin*

Company Official (Typed Name) Steve Rubin

Company Official Title President

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Office of Oil and Gas
JAN 17 2014

Subscribed and sworn before me this 9th day of January

Melinda L. White

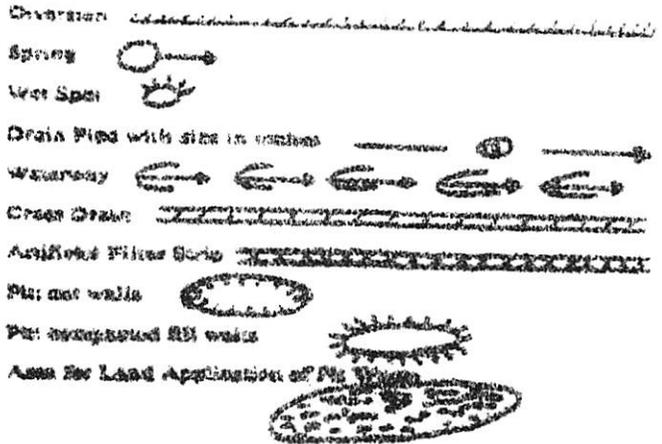
WV Department of Environmental Protection

Official Seal
Notary Public, State of West Virginia
Melinda L. White
Rt. 3, Box 82 C
Hurricane, WV 25526
My Commission Expires April 27, 2020

My commission expires April 27, 2020



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH _____

Fertilizer (16-20-20 or equivalent) 500 lbs/acre (500 lbs maximum)

Mulch 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
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Contrastory Mix

Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]
Consent: _____

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Office of Oil and Gas

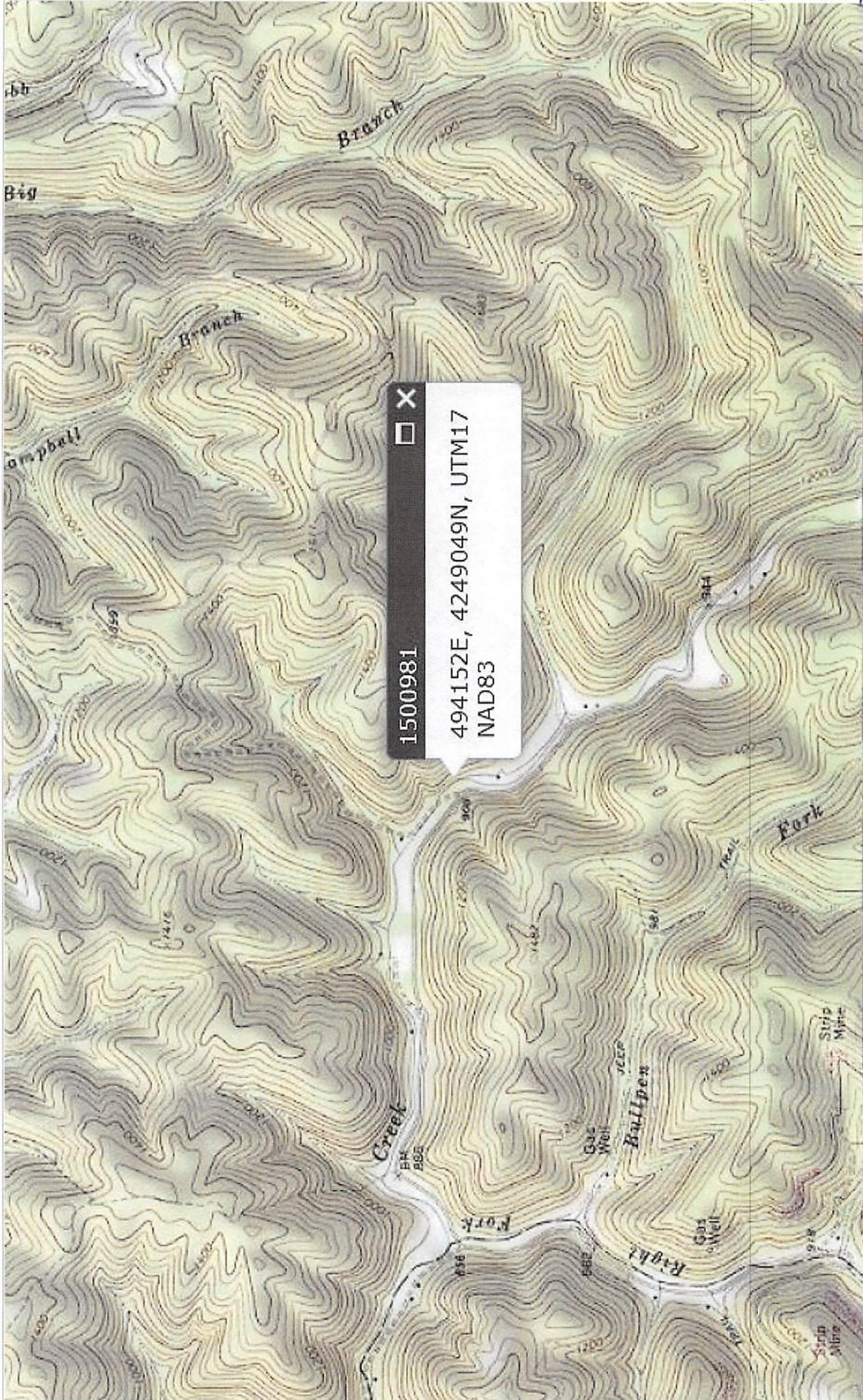
JAN 17 2014

WV Department of
Environmental Protection

Title: Inspector Date: 1/10/14

Field Reviewed? () Yes (X) No

15-00981



1500981
494152E, 4249049N, UTM17
NAD83

WW-7
8-30-06



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

API: 47-015-00981 WELL NO.: White #1
FARM NAME: Blanch White
RESPONSIBLE PARTY NAME: Steve Rubin
COUNTY: Clay DISTRICT: Honny
QUADRANGLE: ~~Allegheny~~-Royal Forest Land
SURFACE OWNER: Allegheny-Royal Forest Land
ROYALTY OWNER: Allegheny-Royal Forest Land
UTM GPS NORTHING: W 38,38963 4249049
UTM GPS EASTING: W 081,06696 GPS ELEVATION: 899
494152

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.

Steve Duckworth _____ owner _____ 1-9-13
Signature Title Date

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Office of Oil and Gas

JAN 17 2014

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