



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

April 08, 2014

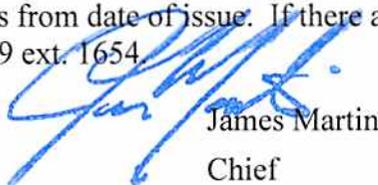
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1501790, 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: COVE HOLLOW 1
Farm Name: ALLEGHENY ROYAL
API Well Number: 47-1501790
Permit Type: Plugging
Date Issued: 04/08/2014

Promoting a healthy environment.

WW-6A
Revised 3-07

1) Date: 12/09/2012
 2) Operator's Well Number: Cove Hollow #1
 3) API Well No.: 47.15.1790

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

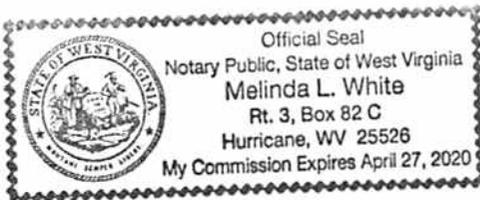
4) Surface Owner(s) to be served.	5) (a) Coal Operator
(a) Name <u>AlleghenyRoyal</u>	Name <u>[check]</u>
Address <u>Forest Land LLC</u>	Address _____
<u>3001 Emerson Ave.</u>	
(b) Name <u>Parkersburg, WV 26104</u>	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	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>	_____

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-6B, which sets out the parties involved in the work and describes the well to be plugged 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 21-6 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
 Title: President
 Address: 1700 Pennsylvania Ave.
Charleston, WV
 Telephone: 304-342-0141

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

(b) 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 its regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the course of its 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 privacy@dep.state.wv.us.

Received
 JAN 17 2014
 Office of Oil and Gas
 WV Dept. of Environmental Protection

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)
 For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	\$ 1.46
Certified Fee	3.10
Return Receipt Fee (Endorsement Required)	2.55
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.11

Postmark
 JAN 13 2014
 26623

Sent to
 Street, Apt. No.,
 or PO Box No.
 City, State, ZIP+4
Allegany Royal Forrest Land LLC
3001 Emerson Ave
Parkersburg WV 26104

PS Form 3800, August 2006 See Reverse for Instructions

92TH DEH2 0000 0266 7011 2970 0000 7430 4126

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Paula Linder</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Paula Linder</i></p> <p>C. Date of Delivery <i>1/14/14</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to: Allegany Royal Forrest Land LLC 3001 Emerson Ave Parkersburg WV 26104</p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label) 7011 2970 0000 7430 4126</p>	

Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

RECEIVED
 Office of Oil and Gas
 JAN 17 2014
 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

5) Location: Elevation 785 Watershed Leatherwood
District Henry County Clay Quadrangle Clay

6) Well Operator Blue Creek Gas Co. 7) Designated Agent Steve Rubin
Address 1700 Pennsylvania Ave/ Address 1700 Pnnsylvania Ave.
Charlesto Charleston, WV 25302

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Eddie Gainer Name Duckworth Well Service
Address P.O.Box 821 Address P.O.Box 6871
Spencer, WV. 25276 Charleston, WV. 25362

304-389-9582

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

- Cement 1860' - 1760'
- Cement 100' at 4 1/2" casing cut.
- Cement 900' - 800'
- Cement 100' - 0'

Gel between all plugs.
Erect moument with API numbers.

RECEIVED
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

Date: November 10, 19 80

FORM IV-35 (Obverse) 108-78.

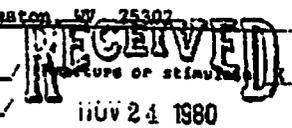
Operator's Well No. Cove Hollow #1 API Well No. 47 - 015 - 1790 State County Fernyt

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal (If "Gas"; Production / Underground storage / Deep / Shallow) LOCATION: Elevation: 785 Watershed: Leatherwood District: Henry County: Clay Quadrangle: Clay

WELL OPERATOR Blue Creek Gas Company DESIGNATED AGENT Steven Rubin Address 1700 Pennsylvania Ave. Charleston, WV 25302

PERMITTED WORK: Drill X / Convert / Drill deeper / Redrill / Plug off old formation / Perforate new formation X / Other physical change in well (specify)



PERMIT ISSUED ON Apr. 1 28, 19 80 OIL & GAS INSPECTOR FOR THIS WORK: Name Martin Nichols Address Clendenin, WV

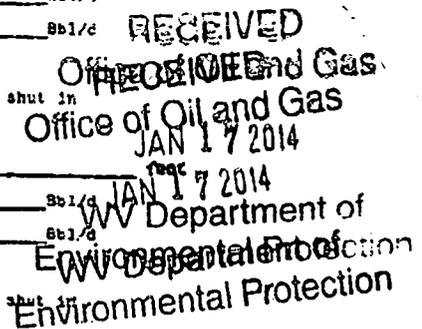
GEOLOGICAL TARGET FORMATION: Big Linn Depth feet Depth of completed well, 1797 feet Rotary X / Core Tools Water strata depth: Fresh, salt, Coal seam depths: Is coal being mined in the area? NO Work was commenced May 26, 19 80, and completed May 29, 19 80

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, etc.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS. Rows include Conductor, Fresh water, Coal, Intermediate, Production, Tubing, Liners.

OPEN FLOW DATA

Producing formation Big Linn Pay zone depth 1530 - 1726 feet Gas: Initial open flow, 50,000 Mcf/d Oil: Initial open flow, Final open flow, Time of open flow between initial and final tests, Static rock pressure, (if applicable due to multiple completion--)



FORM IV-35
(Reverse)

[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Treated with 2000 gals. of 28% acid-nitrogen

1677 2 holes
1756 2 holes
1785 - 1786 3 holes

WELL LOG

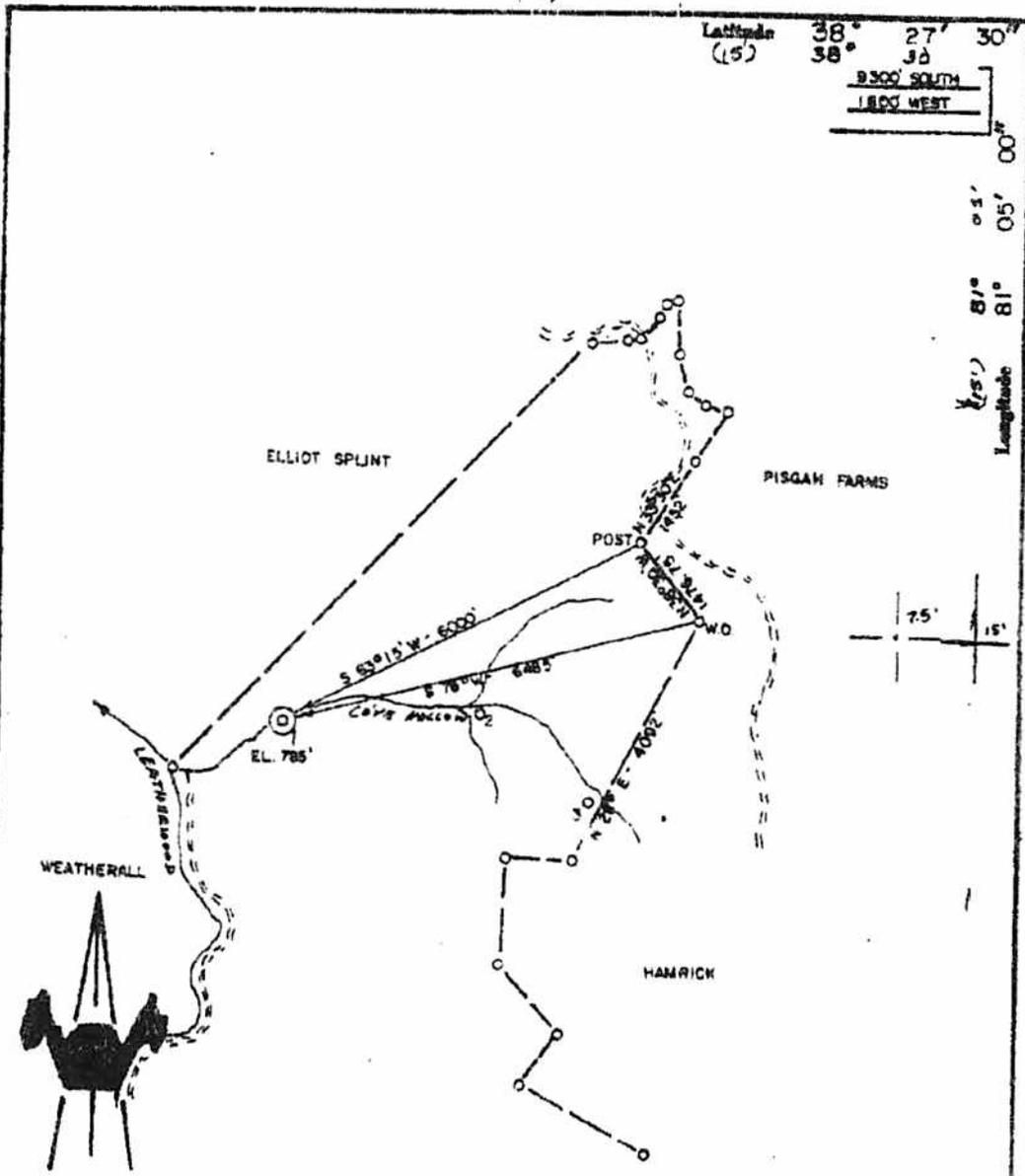
FORMATION	Color	Hard or Soft	4		Remarks Including indication of all fresh and salt water, coal, oil and gas
			Top Feet	Bottom Feet	
Rock Shale			0	1270	
Sand			1270	1350	
Sand Shale			1350	1600	
Shale			1600	1622	
Big Lime			1622	1813	
Shale			1813	1866	

(Attach separate sheets to complete as necessary)

Blue Creek Gas Company
Well Operator
By Steven M. Lubin
Its Superintendent **Received**
APR - 1 2014

NOTE: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

Office of Oil and Gas
WV Dept. of Environmental Protection



ACCURACY: 1'/200'

New Location

Drill Deeper

Abandonment

Fracture

Redrill

Other

Formation ... BIG INJUN ... Oil

Est. Depth ... 1850 ... Gas

Other

Source of Elevation ... UPPER LEATHERWOOD (702')

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.

Company BLUE CREEK GAS COMPANY

Address CHARLESTON, WV

Surface Owner CLIFFORD SUMMERS

Mineral Owner D ELLIOTT TRUST

Well No. 1 Area 8430.5

Elevation 785'

Quadrangle CLAY Series 7.5' x 15'

County CLAY District HENRY

Date 4/21/80 Scale 1" = 2000'

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

WELL LOCATION
47 - 015 - 1790
STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
Engineer CHET WATERMAN
Engineer's Registration No. 3788 File No. 80-255



RECEIVED
Office of Oil and Gas
JAN 17 2014
WV Department of Environmental Protection

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 Clay

Elevation 785' County Clay District Henry

Description of anticipated Pit Waste: Water

Will a synthetic liner be used in the pit? _____

NO 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 Owner

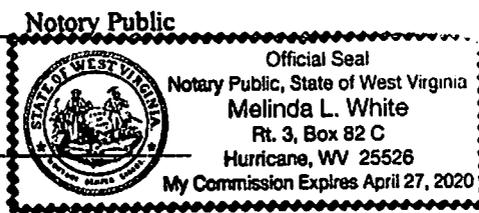
Received

JAN 17 2014

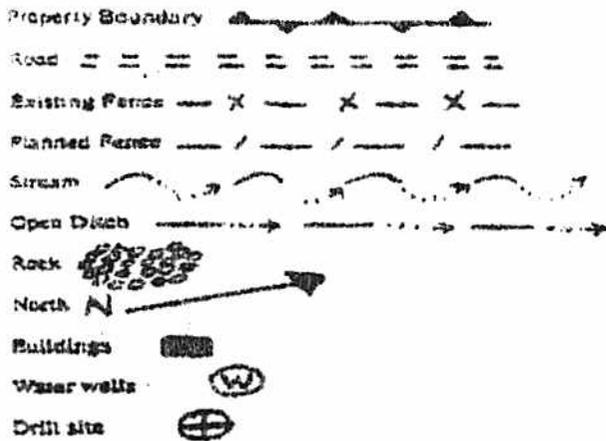
Subscribed and sworn before me this 9th day of January, 2014

Melinda L. White

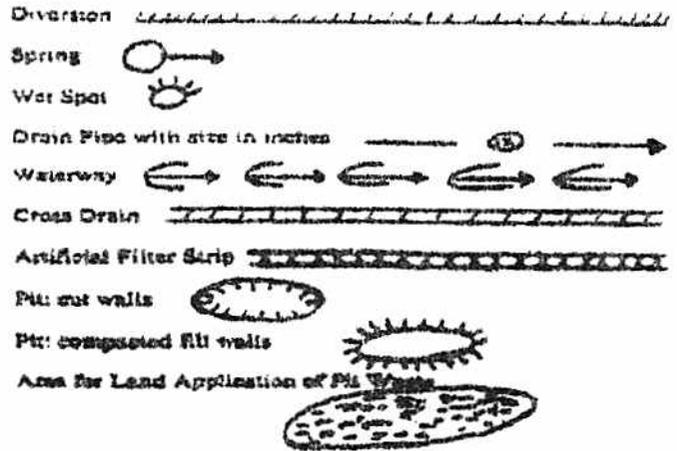
My commission expires April 27, 2020



Office of Oil and Gas
WV Dept. of Environmental Protection



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1/4 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH _____

Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre

Seed Mixtures

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

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

Photocopied section of involved 7.5' topographic sheet.

Man Approved by: _____

Comments: _____

RECEIVED
Office of Oil and Gas

JAN 17 2014

WV Department of
Environmental Protection

Title: Inspector

Date: 1/10/14

Field Reviewed? () Yes (X) No

WW-7
8-30-06



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

API: 47-015-1790 WELL NO.: 1

FARM NAME: Blanch White

RESPONSIBLE PARTY NAME: Steve Rubin

COUNTY: Clay DISTRICT: Henry

QUADRANGLE: Clay

SURFACE OWNER: Allegheny Royal

ROYALTY OWNER: Western Pochontas Corp.

UTM GPS NORTHING: 4253822.9
N 38.43264

UTM GPS EASTING: 492168.5 GPS ELEVATION: 740
637

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS : Post Processed Differential

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

- 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 Rubin owner
Signature Title

11-7-14
Date

Received
APR - 7 2014
Office of Oil and Gas
WV Dept. of Environmental Protection