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**west virginia** department of environmental protection

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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

March 10, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-1500965, 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: 7205 (WESTERN POCA. CORP.)  
Farm Name: ALLEGHENY ROYAL FOREST LA  
**API Well Number: 47-1500965**  
**Permit Type: Plugging**  
Date Issued: 03/10/2014

**Promoting a healthy environment.**

**03/14/2014**

1) Date: 12/9/2013  
2) Operator's Well Number 7205  
3) API Well No.: 47 - 15 - 0965

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

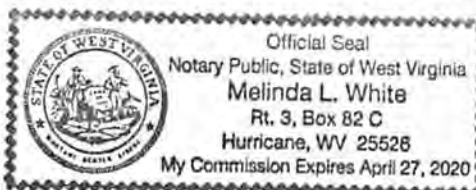
4) Surface Owner(s) to be served.	5) (a) Coal Operator
(a) Name <u>Allegheny Royal</u>	Name <u>Forest Land LLC</u>
Address <u>3001 Emerson Avenue</u>	Address <u>Parkersburg, WV, 26104</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
(c) Name _____	Address _____
Address _____	Name _____
(c) Coal Lessee with Declaration	Name _____
6) Inspector <u>Ed Garing</u>	Address _____
Address <u>P.O. Box 82</u>	Name _____
<u>Parkersburg WV 25706</u>	Address _____
Telephone <u>304 389 9582</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 RECEIVED  
 By: Stacy Rubin Office of Oil and Gas  
 Title: President  
 Address: 1700 Pennsulavena Ave  
Charleston, WV  
 Telephone: 304-342-0141

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

**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 [danprivacyofficer@wv.gov](mailto:danprivacyofficer@wv.gov).

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

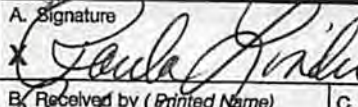
OFFICIAL USE

Postage	\$ 1.46	
Certified Fee	3.10	
Return Receipt Fee (Endorsement Required)	2.55	
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	<b>\$ 6.11</b>	

Sent To

Allegany Royal Forest Land LLC  
 3001 Emerson Ave  
 Parkersburg WV 26104

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul> <p>1. Article Addressed to:</p> <p style="font-size: 1.2em;">Allegany Royal Forest Land LLC            3001 Emerson Ave            Parkersburg WV 26104</p>	<p>A. Signature   <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)            Paula Linder</p> <p>C. Date of Delivery            1/14/14</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>2. Article Number            (Transfer from service)</p> <p style="font-size: 1.2em;">7011 2970 0000 7430 4126</p>	<p>3. Service Type</p> <p><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>

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

03/14/2014

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  / Liquid injection  / Waste disposal   
(If "Gas. Production  or Underground storage  Deep  / Shallow
- 5) Location: Elevation 1156' Watershed Elk  
District Henry 02 County Clay 15 Quadrangle Clay 29B
- 6) Well Operator Blue Creek Gas. 7) Designated Agent Steve Rubin  
Address 1700 Pennsulavena. Address 1700 Pennsulvania Ave.  
Charleston, WV Charleston, WV.
- 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. 25363  
304 389-7582

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

- Cement 2110' 1970'
- Cement 100' at 4 1/2" casing cut.
- Cement 900' -800'
- Cement 260' ~~200'~~ 160'
- Cement 100' surface'

Erect moument With API numbers.  
Gel between all plugs.

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

OC-10  
Rev. - 9-71



**RECEIVED**

DEC 7 1972

OIL & GAS DIVISION  
DEPT. OF MINES

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

**Oil and Gas Division**

**WELL RECORD**

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

Quadrangle CLAY  
Permit No. 965

Company Blue Creek Gas Co.  
Address Box 6357, Charleston, W. Va.  
Farm Adena Corp. Acres 7932  
Location (waters) Elk  
Well No. 7205 Elk 1156  
District Henry County Clay  
The surface of tract is owned in fee by \_\_\_\_\_  
Western Pocahontas Corp.  
Address Box 509 Huntington, W. Va.  
Mineral rights are owned by Adena Corp  
Address 306 Security Bldg.  
Drilling Commenced 8/7/72  
Drilling Completed 8/11/72  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 1.2 m cu. ft. per day \_\_\_\_\_ bbls.  
Well open 7 hrs. before test 595 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Stk.)
Size 20-16			To Surface
Cond. 13-10"			
9-5/8 10"	206	206	
8 5/8			
7			
5 1/2			
4 1/2	2082	2082	
3			
2			
Liners Used			

Well treatment details.

Attach copy of cementing record.

Acidized - 3000 gal Super T 28%

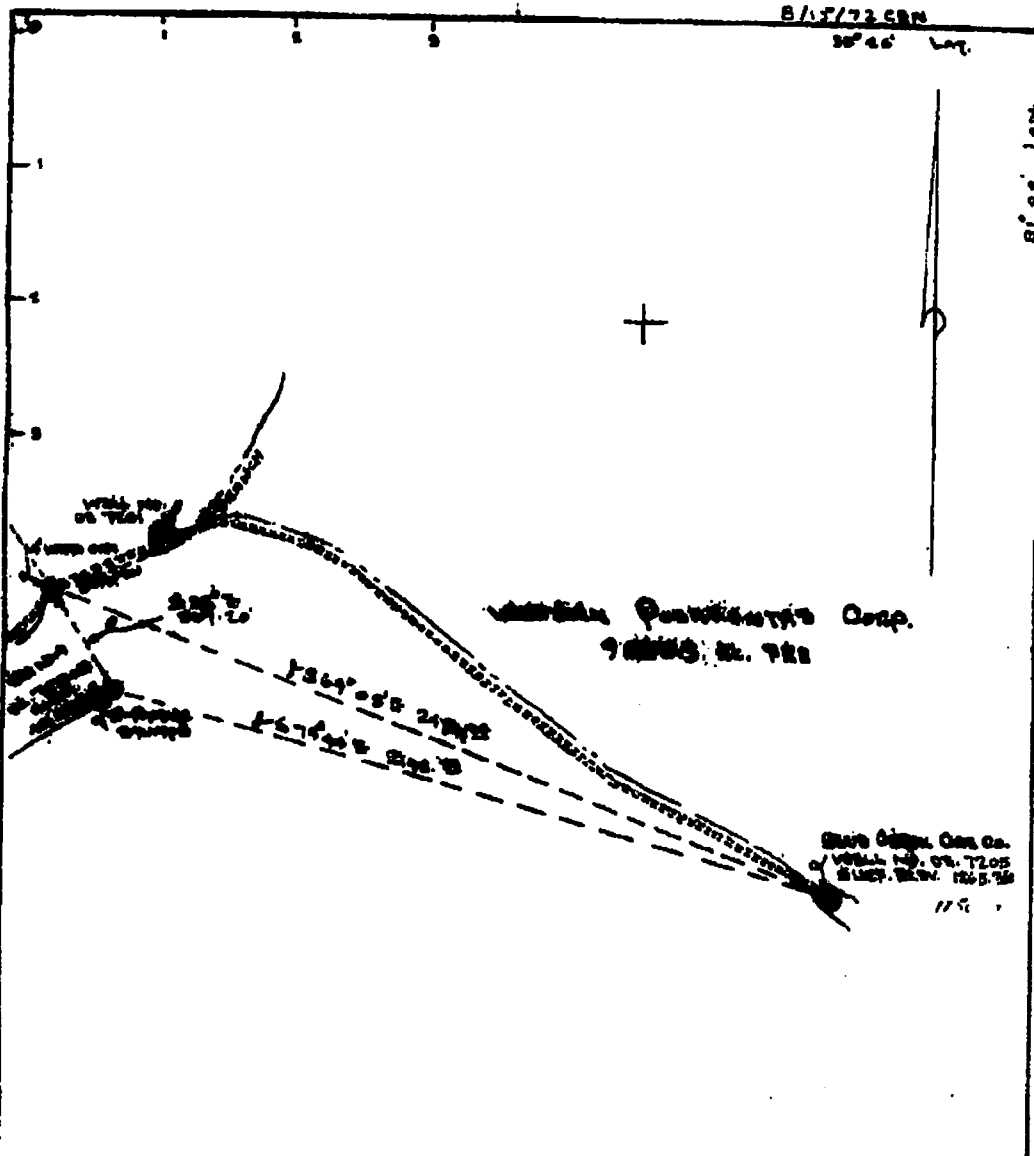
Perforation 2020-2056 - 15 shots

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand Big Lime \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Rock Slate, & Sand			0	780		
Sand			708	760		
Shale			760	988		
Sand			988	1088		
Slate & Sand			1088	1504		
Sand			1504	1580		
Slate & Shale			1580	1776		
Little Lime			1776	1830		
Pencil Cave			1830	1860		
Big Lime			1860	2066		
Slate			2066	2123		

**RECEIVED**  
Office of Oil and Gas  
Electric Log Tops  
JAN 17 1974  
WV Department of  
Environmental Protection

\* Indicates Electric Log tops in the remarks section.



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.

Well location...  
 Drill location...  
 Abandonment...

Signed: Robert H. Dunlap  
 Office of Oil and Gas

Company Blue Creek Gas Company  
 Address 110 Penn Ave Charleston, W. Va.  
 Farm Western Pechontas Corp.  
 Tract Corner 9,583.5 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. 7205  
 Elevation (spirit level) 1206.25  
 Quadrangle Clay  
 County Clay District Henry  
 Engineer Robert H. Dunlap  
 Engineer's Registration No. 210 S.T.  
 File No. \_\_\_\_\_ Drawing No. 5-72  
 Date 9/9/72 Scale 1" = 100'  
 P.M. No. 3,734 No. 1,411 1964  
 standard disk set in 6 x 6 wood block  
 elev. 92.10 south side of disk read.  
 Minimum curve of closure - 1 in 200

JAN 17 2014  
 STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS  
 WV DEPARTMENT OF  
 Environmental Protection  
 W.V. LOCATION MAP  
 File No. CLAY-005  
 Indicates location of well on United States Topographic Maps, scale 1 to 63,500 latitude and longitude lines being represented by border lines as shown and at well location.  
 Indicates one foot spaces on border lines of original location.

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 Elk Quadrangle \_\_\_\_\_

Elevation 1156 County \_\_\_\_\_ District Henry

Description of anticipated Pit Waste: \_\_\_\_\_

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 President

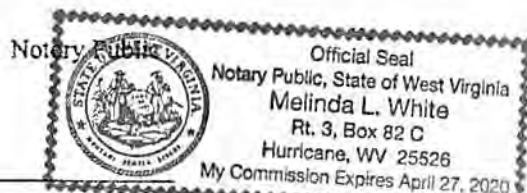
RECEIVED  
Office of Oil and Gas

JAN 17 2014

WV Department of  
Environmental Protection

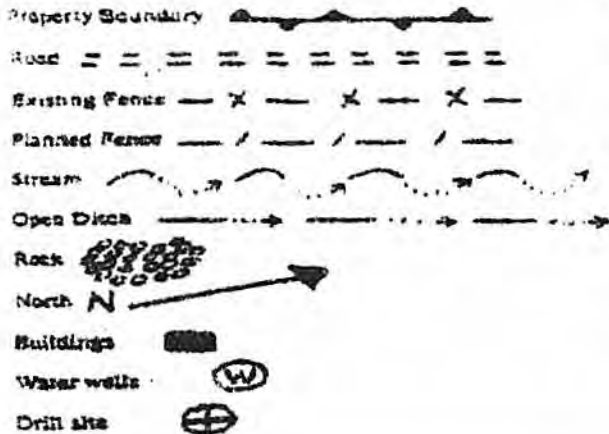
Subscribed and sworn before me this 9th day of January, 2014

*Melinda L. White*

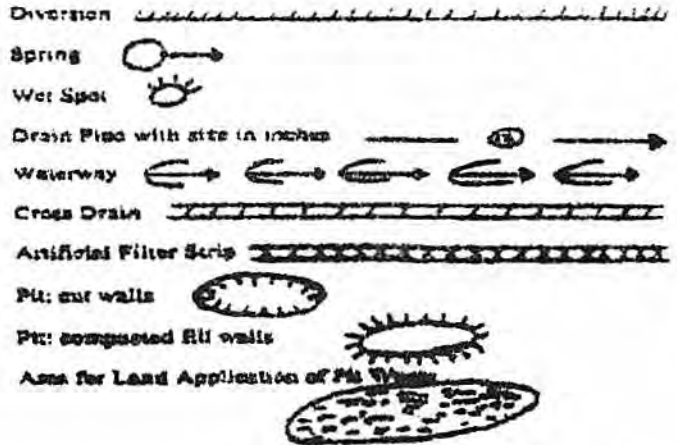


My commission expires April 27, 2020

03/14/2014



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH \_\_\_\_\_

Line 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, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

RECEIVED  
Office of Oil and Gas

JAN 17 2014

Plan Approved by: \_\_\_\_\_

WV Department of  
Environmental Protection

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

Title: Inspector

Date: 1/10/14

Field Reviewed?

Yes

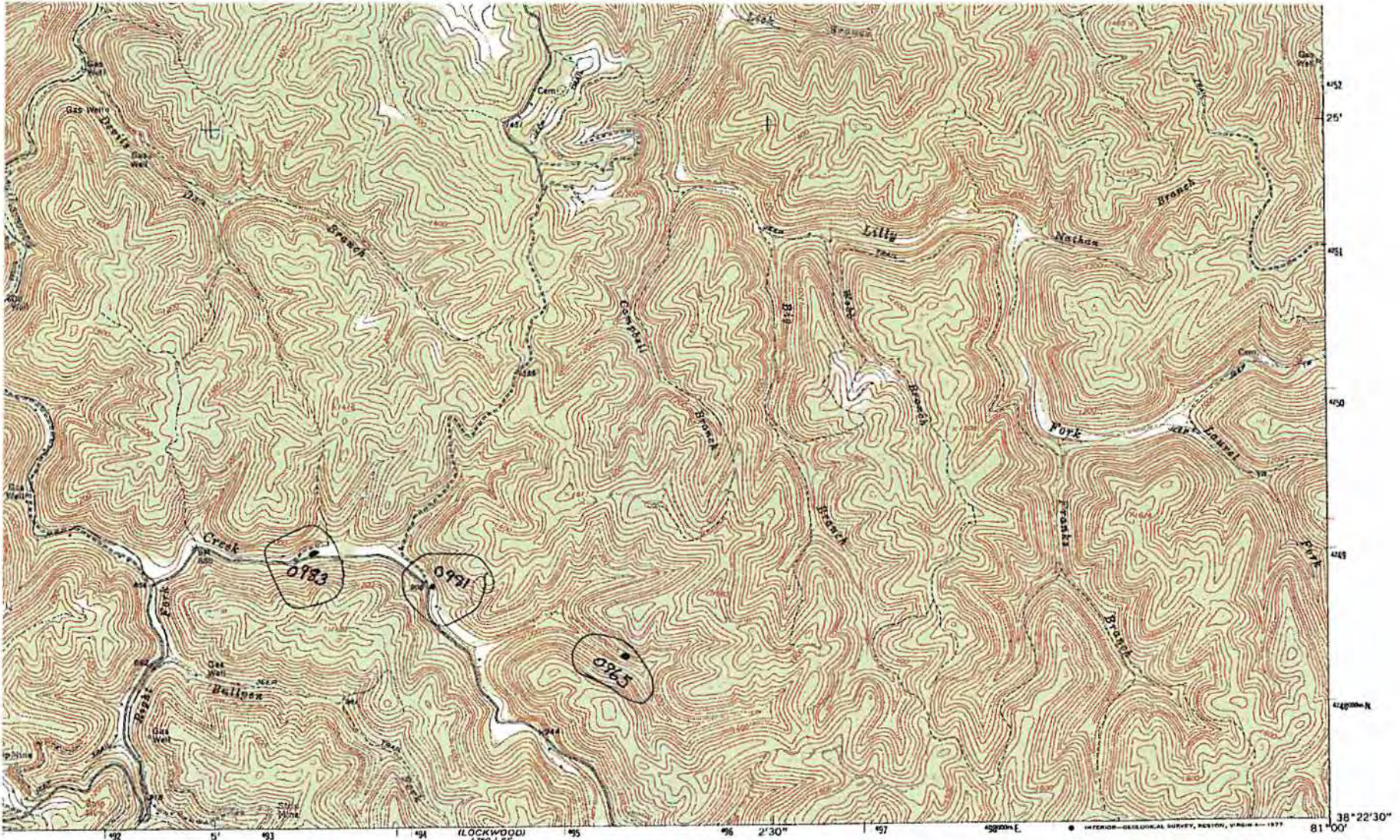
No



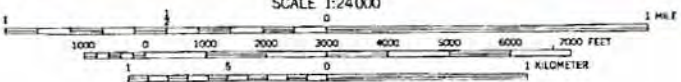


1500965  
495529E, 4248534N, UTM17  
NAD83

0.6km  
0.4mi

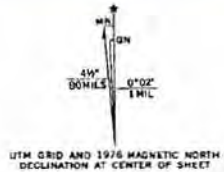


LOCKWOOD  
4760 / SE



SCALE 1:24000  
CONTOUR INTERVAL 40 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION  
 Heavy-duty ——— Light-duty ———  
 Medium-duty ——— Unimproved dirt ———  
 State Route ○



UTM GRID AND 1976 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY



QUADRANGLE LOCATION

CLAY, W. VA.  
NE/4 CLAY 15 QUADRANGLE  
N3822.5—WB100/7.5

38°22'30"  
81°00'

WW-7  
8-30-06



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

API: 47-015-0965 WELL NO.: 7205  
FARM NAME: Blanch White  
RESPONSIBLE PARTY NAME: Steve Rubin  
COUNTY: Clay DISTRICT: Henry  
QUADRANGLE: Clay  
SURFACE OWNER: Allegheny Royal  
ROYALTY OWNER: Western Pocahontas Corp  
UTM GPS NORTHING: 4248 534  
UTM GPS EASTING: ~~4750~~ 495529 GPS ELEVATION: 1156

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 Rubin  
Signature

Title

2-22-11  
Date

03/14/2014