



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

March 10, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1500983, 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: BLANCHE WHITE 2
Farm Name: ALLEGHENY ROYAL FORREST I
API Well Number: 47-1500983
Permit Type: Plugging
Date Issued: 03/10/2014

Promoting a healthy environment.

7011 2970 0000 7430 3792

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	\$.49
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.49

FRANKLIN, WV
 FEB 26 2014
 Postmark Here
 26623

Sent To: **Allegheny Royal Forest Land**
 Street, Apt. No. or PO Box No.: **3001 Emerson Ave**
 City, State, ZIP+4: **Parkersburg WV 26104**

PS Form 3800, August 2006 See Reverse for Instructions



Received
 MAR 4 2014
 Office of Oil and Gas
 WV Dept. 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 877' Watershed Leathwood
District Henry 02 County Clay 15 Quadrangle Clay 289

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. 25362

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

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

Cement 1950' 1750'
Cement 1200' 1100' Est.casing free point.
Cement 925' 825'
Cement 100' 0'

Gell between all plugs.
Pull all free pipe.
Erect monument with API numbers.

GAS 3/5/14

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Office of Oil and Gas
Dept. 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 _____

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

38-
6-21
②

Quadrangle Clay
Permit No. 983

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

Company Blue Creek Gas Company
Address P. O. Box 6357 Charleston, W. Va.
Farm Blanche White Acres 153
Location (waters) Leatherwood
Well No. 2 Elev 877
District Henry County Clay
The surface of tract is owned in fee by _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	18	18	
9 5/8 10"	225	225	Cement-Halliburton
8 5/8			
7			
5 1/2			Cement-Dowell
4 1/2			
3	1945	1945	
2			
Liners Used			

Address _____
Mineral rights are owned by Western Pocahontas Corp. Address Box 509 Huntington, W. Va.
Drilling Commenced 10/2/73
Drilling Completed 10/7/73
Initial open flow _____ cu. ft. _____ bbls.
Final production 30,000 cu. ft. per day _____ bbls.
Well open _____ hrs. before test 575 RP.
Well treatment details:

Well Acidized--5000 gal. 15%

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
Sand			0	18		
Sand & Shale			18	1300		
Shale			1300	1360		
Sand			1360	1430		
Shale			1430	1640		
Little Lime			1640	1700		
Pencil Cave			1700	1730		
Big Lime			1730	1930		
Slate			1930	1964		

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West Virginia Dept. of Environmental Protection

RECEIVED

MAY 1 1974

OIL & GAS DIVISION
DEPT. OF MINES

38-
6-21
②

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Quadrangle Clay
Permit No. 983

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Cable _____ Gas X B. NOL
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

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WV Dept. 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 _____

Elevation 877' County Clay District Henry

Description of anticipated Pit Waste: _____

Will a synthetic liner be used in the 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

NO DRY PIT
GCS 3/10/14

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.

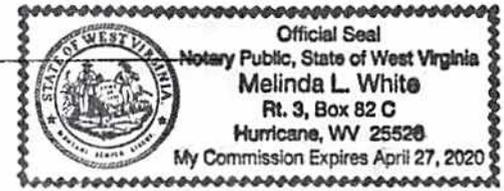
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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

Subscribed and sworn before me this 25th day of February, 2014

Melinda L. White Notary Public

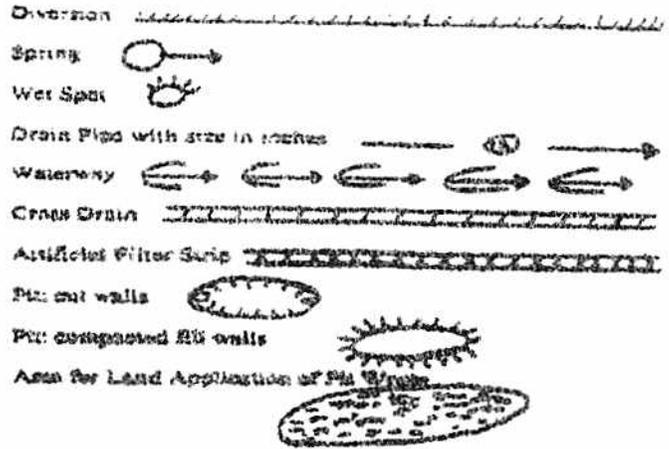
My commission expires April 27, 2020



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WV Dept. of Environmental Protection



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1/2 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		Seed Type	Area II	
		lbs/acre			lbs/acre

Contractors 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: _____

Comments: _____

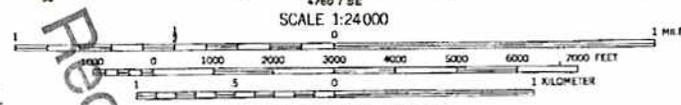
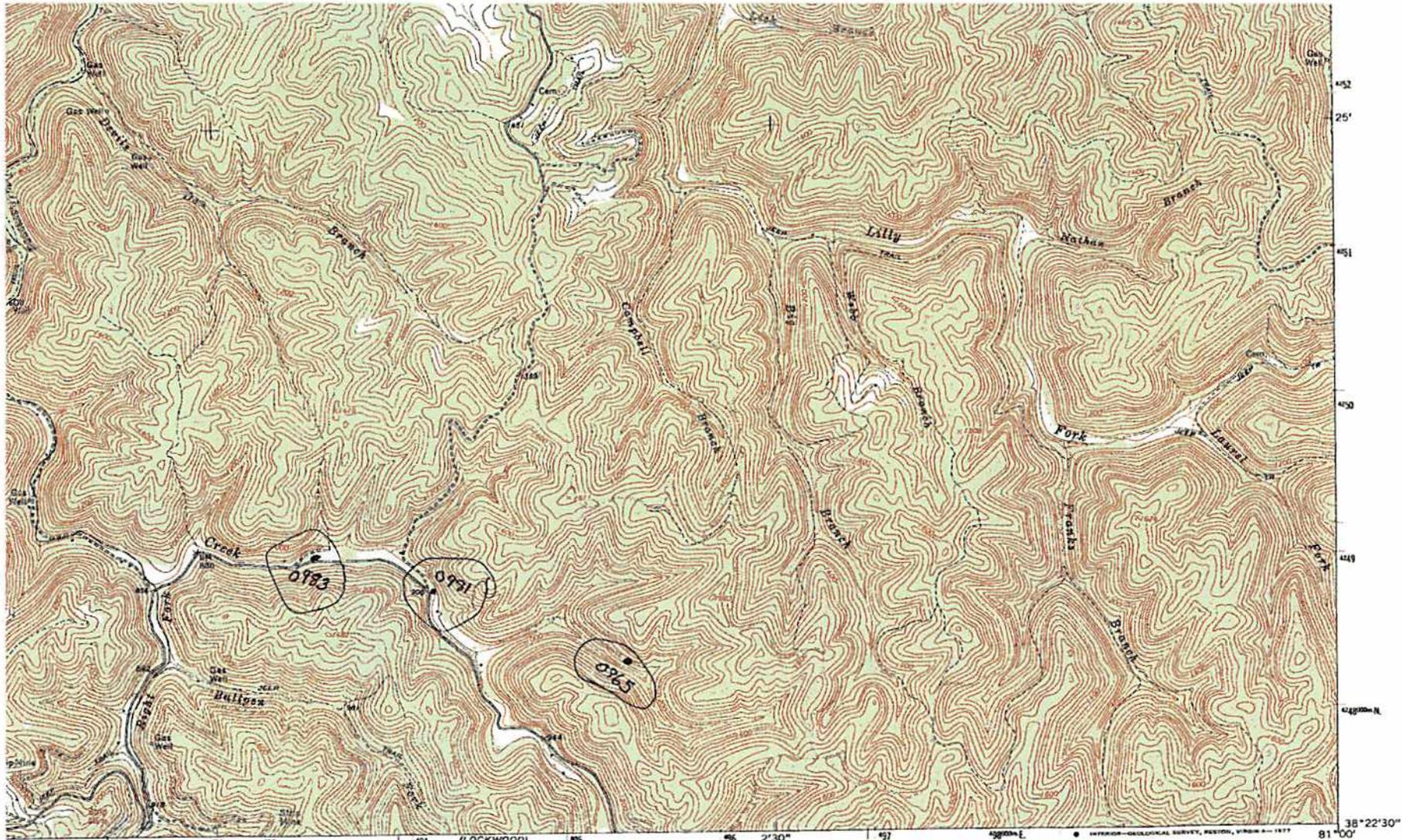
Title: _____

Date: 2-24-14

Field Reviewed? () Yes () No

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WV Dept. of Environmental Protection



CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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



CLAY, W. VA.
NE 1/4 CLAY 15' QUADRANGLE
N3822.5—WB100/7.5

Office of Oil and Gas
U.S. Department of Environmental Protection

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

