



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

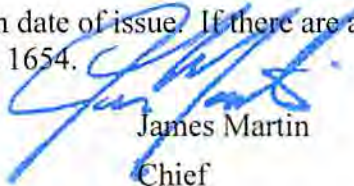
WELL WORK PLUGGING PERMIT

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.

03/14/2014

7011 2970 0000 7430 3792

U.S. Postal Service™	
CERTIFIED MAIL™ RECEIPT	
<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
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

Postmark Here
FEB 26 2014
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

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 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

Received
MAR 4 2014

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. _____
Cable _____ Gas S. NO. _____
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 360,000 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
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

Received

MAR 4 2014

Office of Oil and Gas
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

Rotary X Oil _____ G. WOLL
Cable _____ Gas X ST. MOL
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 _____

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 300,000 cu. ft. per day _____ bbls.
Well open _____ hrs. before test 575 RP.

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			
4 1/2			
3	1945	1945	Cement-Dowell
2			
Liners Used			

Well treatment details:
Well Acidized--5000 gal. 15%

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		

RECEIVED
MAY 1 1974

OIL & GAS DIVISION
DEPT. OF MINES
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

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 Swabbing
 Workover Plugging
 Other (Explain _____)

Pit

No

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

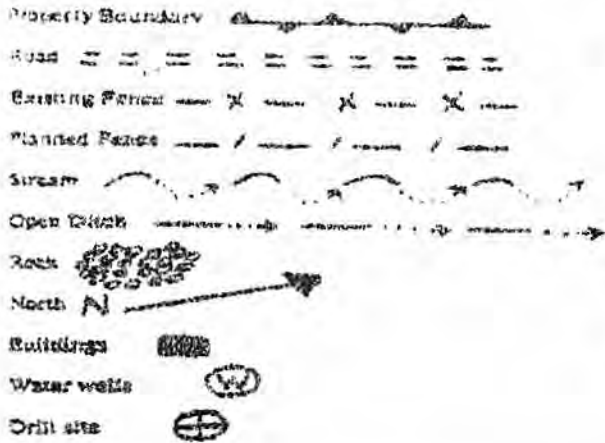
My commission expires April 27, 2020



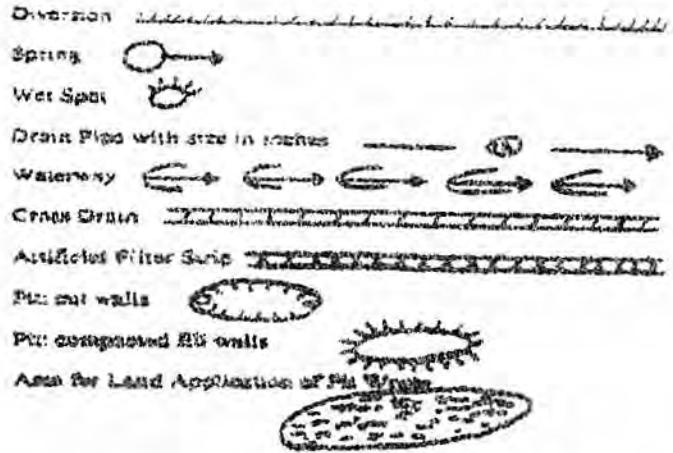
Received
MAR 4 2014

Office of Oil and Gas
West Virginia Department of Environmental Protection

03/14/2014



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	
	Area I	lbs/acre		Area II	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

Received
MAR 4 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

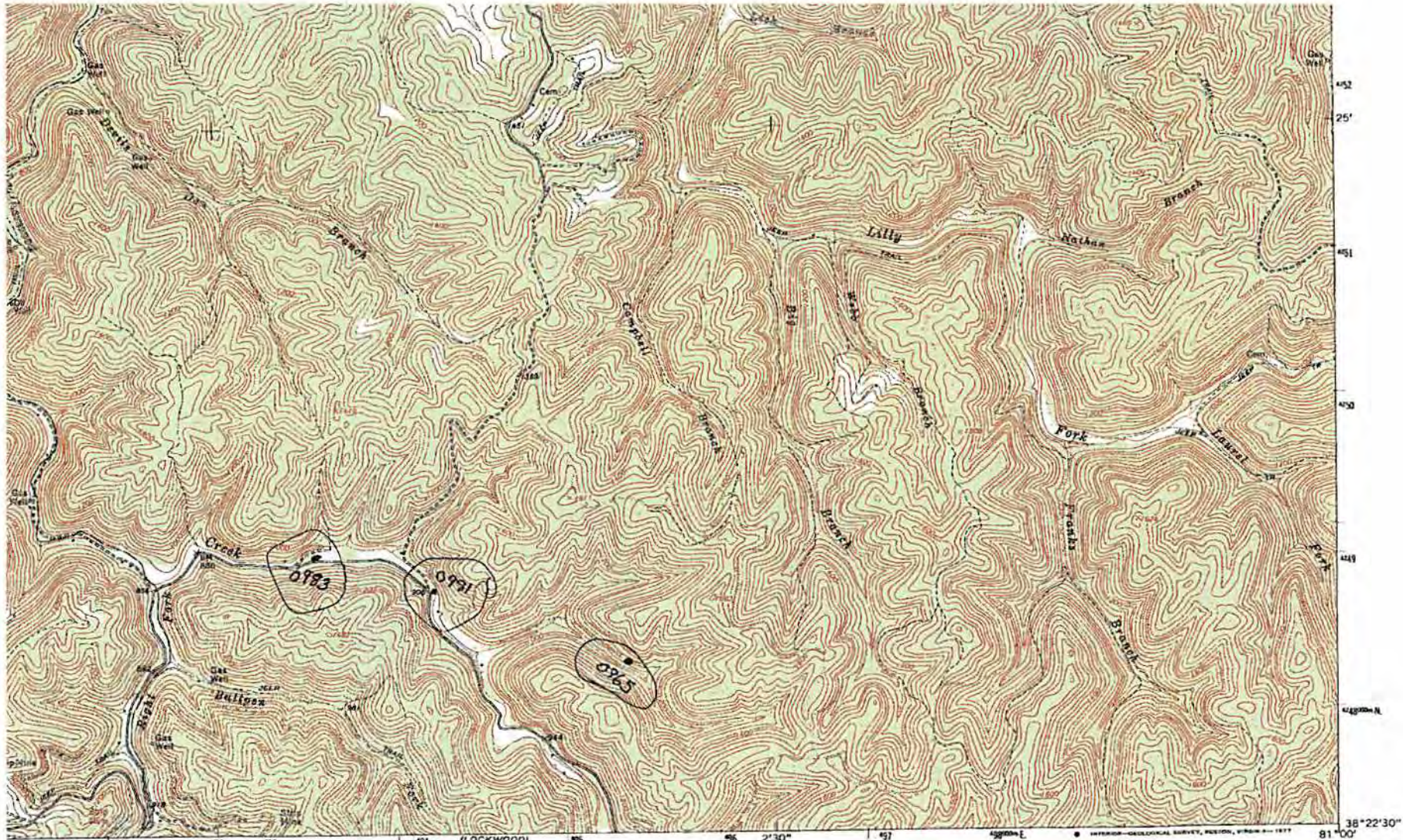


1500983

493360E, 4249285N, UTM17
NAD83

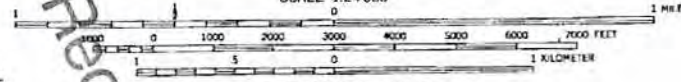
Approved
2014
Environmental Protection Agency

0.6km
0.4mi



(LOCKWOOD)
4760 7 SE

SCALE 1:24000



CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

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



CLAY, W. VA.
NE 4 CLAY 15' QUADRANGLE
N3822.5—W8100/7.5

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

Received
MAR 11 2014



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

API: 47-15-0983 WELL NO.: 2

FARM NAME: Blanche White

RESPONSIBLE PARTY NAME: Steve Rubin

COUNTY: Clay DISTRICT: Henry

QUADRANGLE: _____

SURFACE OWNER: Allegheny Royal

ROYALTY OWNER: Western Pocahtonias Corp

UTM GPS NORTHING: 4249285

UTM GPS EASTING: ~~57480~~ 49336 GPS ELEVATION: 877'

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

owner - Cont.
Title

2-24-14
Date

Received

MAR 4 2014

Office of Oil and Gas
WV Dept. of Environmental Protection