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

August 21, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-500926, issued to NEW RIVER ENERGY CORPORATION, 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 penalities 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: 3-115
Farm Name: WESTERN POCAHONTAS CO.
API Well Number: 47-500926
Permit Type: Plugging
Date Issued: 08/21/2014

Promoting a healthy environment.

500926P

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.

2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.

3. Well work activities shall not constitute a hazard to the safety of persons.

500926P

WW-4B
Rev. 2/01

1) Date May 28, 2014
2) Operator's Well No. Y & O 115
3) API Well No. 47- 005 - 00926

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 X or Underground storage ____) Deep ____/ Shallow ____

5) Location: Elevation 1332.56 Watershed Brown's Branch
District Crook County Boone Quadrangle ~~Bald Knob~~ Whaston

6) Well Operator New River Energy Corporation
Address P.O Box 1020
Waynesburg, PA 15370

7) Designated Agent Roger L. Whited
Address 8165 Elizabeth Pike
Elizabeth, WV 26143

8) Oil and Gas Inspector to be notified
Name Ross Eller
Address 121 Brierhill Dr.
Harrisville, WV 26362-7543

9) Plugging Contractor
Name Patchwork Oil & Gas, LLC
Address 8165 Elizabeth Pike
Elizabeth, WV 26143

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

Plugging schematic and description to follow.

★ TRY TO PULL 4½" CASING ABOVE TOC.
★ TRY TO PULL 8⅝" CASING ABOVE TOC.
★ 10" DOES NOT APPEAR TO BE CEMENTED
∴ MUST TRY TO PULL IT W/ AT LEAST A FORCE EQUAL TO 1½ TIMES CASING STRING WEIGHT.
IF CASING WILL NOT COME FREE, RIP CASING ACROSS ALL COALS & FRESH WATER AND PUMP CEMENT.

PULL 13". GWM 8/21/14

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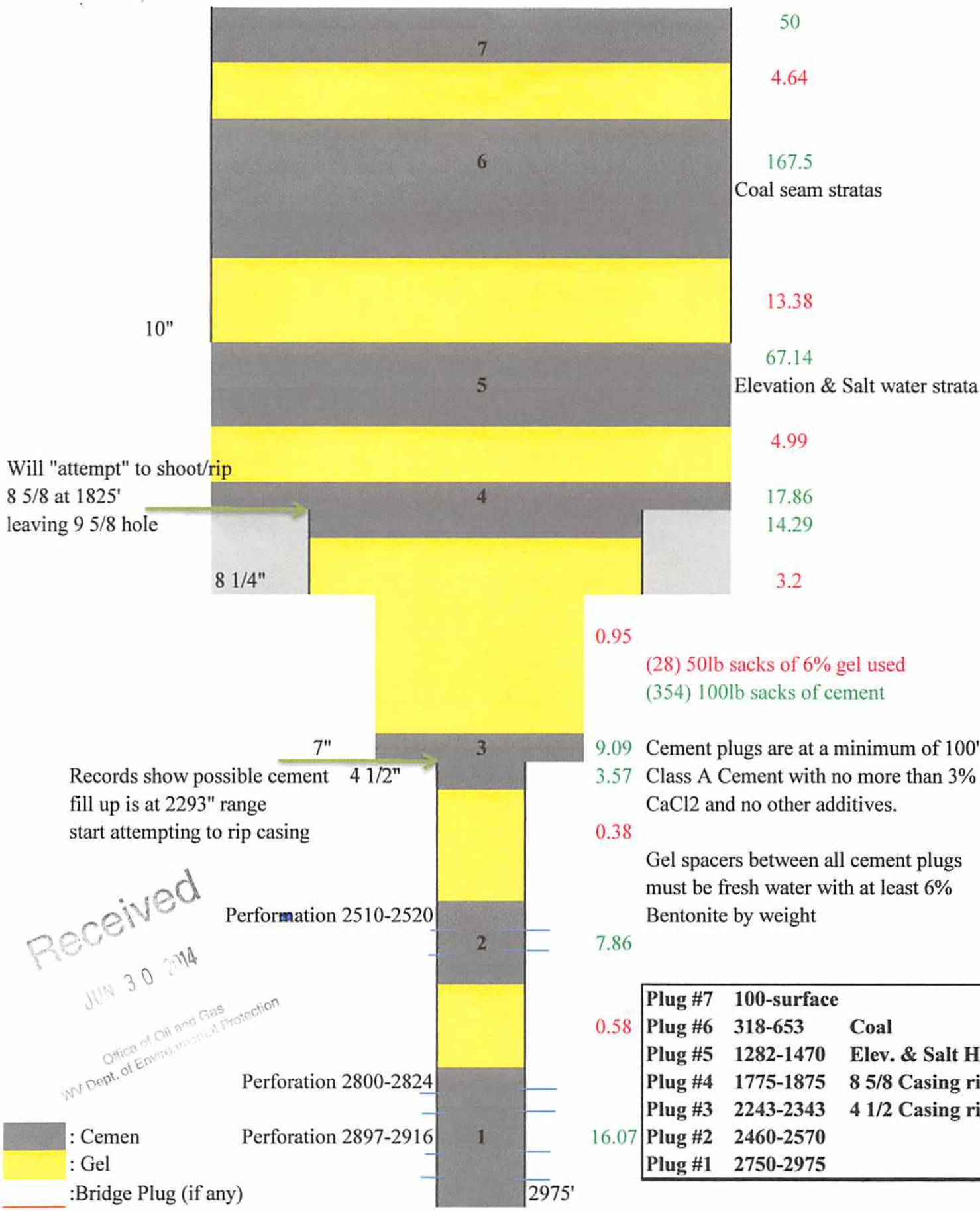
Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector _____ Date 6/25/14

OK
gwm

500926 P

Y and O #115



Plug #7	**100-surface**	
Plug #6	**318-653**	**Coal**
Plug #5	**1282-1470**	**Elev. & Salt H20**
Plug #4	**1775-1875**	**8 5/8 Casing rip**
Plug #3	**2243-2343**	**4 1/2 Casing rip**
Plug #2	**2460-2570**	
Plug #1	**2750-2975**	

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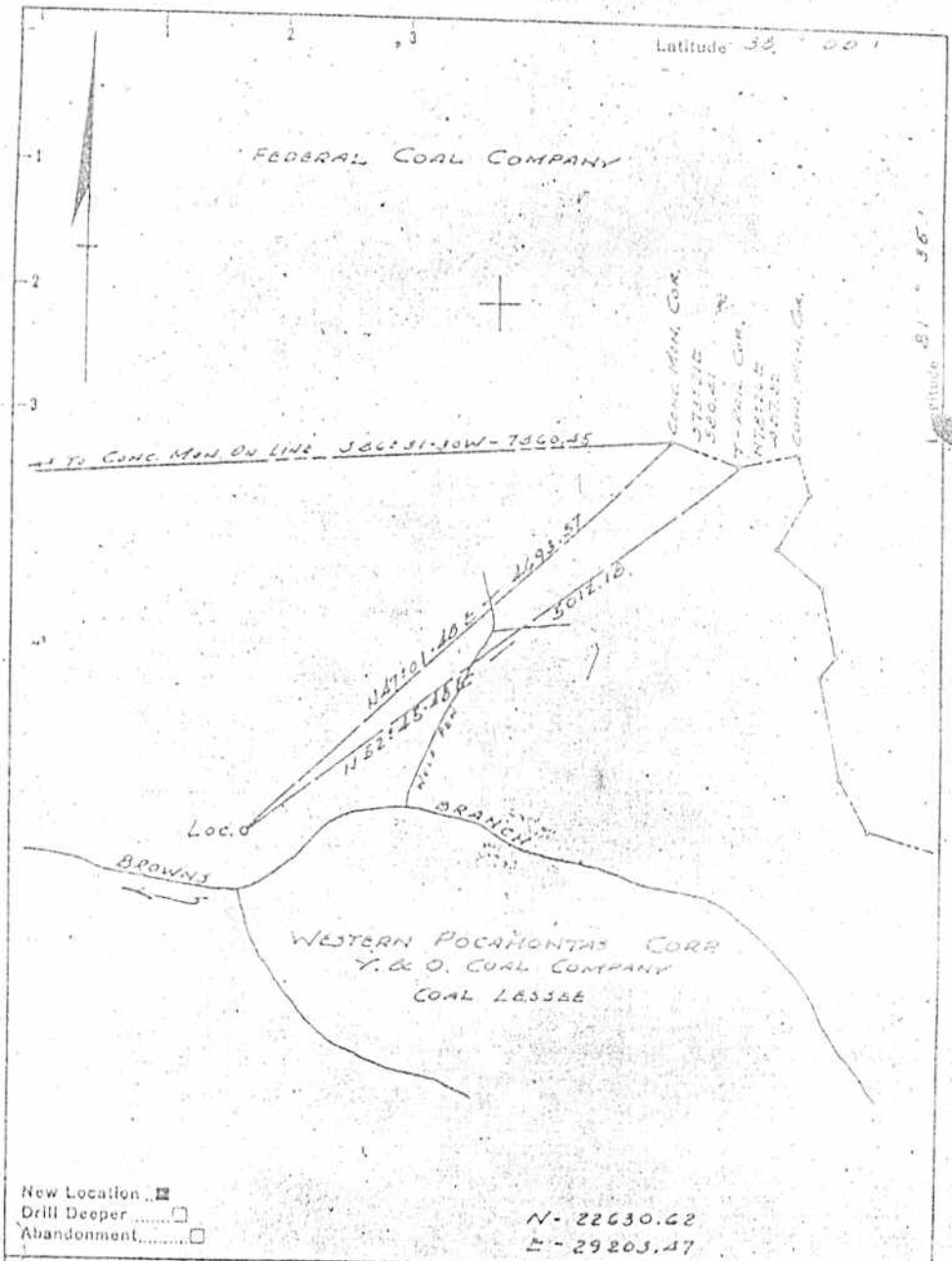
Debbie Nelson 6-29-80



New Location ☒
Drill Deeper ☐
Abandonment ☐

N - 22630.62
E - 29203.47

Company PEAKE PETROLEUM CO.
Address CLEVELAND 14, OHIO
Farm WESTERN POCAHONTAS CORP.
Tract _____ Acres 7590.94 Lease No. _____
Well (Farm) No. 3 Serial No. 115
Elevation (Spirit Level) 1332.56
Quadrangle BALD KNOB
County BOONE District CROOK
Engineer [signature]
Engineer's Registration No. 2544
File No. _____ Drawing No. _____
Date MAY 29th '61 Scale 1" = 1000'

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

WELL LOCATION MAP
FILE NO. 800-926

+ Denotes location of well on United States Topographic Maps, scale 1 to _____ latitude and longitude lines being represented by border lines as shown.

-- Denotes one inch spaces on border line of original tracing.

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Form OG-10

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle BALD KNOB

Permit No. B00-926

WELL RECORD

Company Peake Petroleum Company
Address 1310 Williamson Bldg. Cleve. 14, Ohio
Farm Y & O Lands W.P.C. Acres 7590.98
Location (waters) Brown's Br. of W. Pond Fork
Well No. 115 Elev. 1267.45
District Crook County Boone
The surface of tract is owned in fee by Western Pocahontas Corp. Address Huntington, W. Va.
Mineral rights are owned by Same as above
Address
Drilling commenced 3-27-62
Drilling completed 8-1-62
Date Shot From To
With
Open Flow 28 /10ths Water in 1 Inch
/10ths Merc. in Inch
Volume 56 M Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

Oil or Gas Well Gas (KIND)

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			
13	24	24	Kind of Packer
10	729	729	
8¼	2131	2131	Size of
6⅝ 7"	2366	Pulled	Depth set
5 3/16			
4"	2968	2968	Perf. top See
2			Perf. bottom Reverse
Liners Used			Perf. top Side
			Perf. bottom

CASING CEMENTED 8" SIZE 264' No. Ft. 6-7-62 Date
" " 4½" " 682 " " 8-6-62

COAL WAS ENCOUNTERED AT 368 FEET 36 INCHES
463 FEET 36 INCHES 530 FEET 48 INCHES
566 FEET 36 INCHES 580 FEET 36 INCHES
603 " 36 "

WELL ACIDIZED See Reverse side

WELL FRACTURED See Reverse side

RESULT AFTER TREATMENT 6,810 MCF

ROCK PRESSURE AFTER TREATMENT 745# in 16 hrs.

Fresh Water Feet Salt Water Hole Full Feet @ 1420

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Slate & Shells			0	40	NO SHALLOW GAS		
Sand			40	106			
Slate			106	130			
Sand			130	155			
Slate			155	165			
Sand			165	210			
Slate			210	290			
Sand			290	310			
Slate			310	318			
Sand			318	360			
Slate			360	368			
Coal			368	371			
Sand			371	395			
Slate			395	415			
Sand			415	454			
Slate			454	463			
Coal			463	466			
Sand			466	516			
Slate			516	530			
Coal			530	534			
Sand			534	566			
Coal			566	569			
Sand.			569	580			
Coal			580	583			
Slate			583	588			
Sand			588	603			
Coal			603	606			
Sand			606	700			
Slate			700	715			
Lime			715	780			

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West Virginia
Dept. of Mines

(over)

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			780	805			
Slate			805	893			
Lime			893	950			
Sand			950	986			
Slate			986	1002			
Sand			1002	1253			
Slate			1253	1275			
Lime			1275	1283	Salt		
Sand			1283	1772	Water	1420	Hole Full
Lime			1772	1802			
Red Rock			1802	1807			
Lime			1807	1851			
Red Rock			1851	1878			
Lime			1878	1923			
Sand			1923	1945			
Red Rock			1945	1952			
Lime			1952	1985			
Red Rock			1985	1990			
Slate			1990	1997			
Sand			1997	2012			
Slate			2012	2027			
Lime			2027	2050			
Slate			2050	2073			
Sand			2073	2121	Gas	2091-98	4/10 W-2"
Slate			2121	2166			
Lime			2166	2172	Gas	2514-18	4/10 W-1"
Slate			2172	2192	Gas	2725-35	6/10 W-1"
Lime			2192	2577	Gas	2764-72	12/10 W-1"
INJUN SAND			2577	2630	Gas	2812-30	18/10 W-1"
Slate			2630	2690	Gas	2902-14	28/10 W-1"
WEIR SAND			2690	2920	Gas	2902-14	28/10 W-1"
Slate			2920				
		TOTAL DEPTH -		2975			

Lost Maxon treatment in Shale - Job postponed until a future date

Big Lime - Perf. 2510-20 - 41 Selecto Holes
Acid Frac with 5000 gals. FLAX-2 and 3000 gals. Dow-X with F-33
Before Treat. - 21 MCF
After Treat. - 6,810 MCF

Weir - Perf. 2800-2804 - 17 Selecto and 2 Hi-Rate
2818-2824 - 19 Selecto and 2 Hi-Rate
Riverfrac - 500 gal. Mud Acid, 23,877# 20/40 Sand, 580 bbl. fluid.
Before Treatment - 8 MCF
After " - ?
Perf. 2897-2905 - 25 Selecto
2911-2916 - 16 "
Riverfrac - 500 gal. Mud Acid, 22,141# 20/40 Sand, 614 bbl. fluid, 12 Perf. balls.
Before treatment - 11 MCF
After " - ?

Both Weir treatments left under magnesium plug set at 2700'

Logged 5-11-62 by Birdwell

Gamma - 1600-2119
Caliper - 1700-2129
Temp. - 1600-2130
Neutron - 1600-2128

Logged 8-3-62 by Schlumberger
Temperature - 2368-2976
Formation Density - 2100-2976
Induction - 2368-2971

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Office of Oil and Gas
WV Dept. of Environmental Protection

Date August 24, 1962

APPROVED Peake Petroleum Company, Owner

By [signature]
(Title)
J. W. F. Rudnicki
Chief Engineer

500926P

WW-4A
Revised 6-07

1) Date: May 28th,2014
2) Operator's Well Number
Y & O 115

3) API Well No.: 47 - 005 - 00926

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:

(a) Name: Western Pocahontas Properties Limited Partnership
Address: 5620 Irwin Rd.
Huntington, WV 25705

(b) Name:
Address:

(c) Name:
Address:

6) Inspector: Ross Eller
Address: 121 Brierhill Dr.
Harrisville, WV 26362-7543
Telephone: 304-932-6844

5) (a) Coal Operator
Name: New River Energy Corporation
Address: P.O Box 1020
Waynesburg, PA 15370

(b) Coal Owner(s) with Declaration
Name: WPP, LLC
Address: 5620 Irwin Rd.
Huntington, WV 25705

Name:
Address:

(c) Coal Lessee with Declaration
Name: Boone East Development Co.
Address: P.O Box 271
Julian, WV 25529

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 reverses 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: New River Energy Corporation
By: Roger L. McPeake
Its: Designated Agent
Address: 8165 Elizabeth Pike
Elizabeth, WV 26143
Telephone: 304-275-4446 Office

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
JESSICA M. LOTT
88 Diamond Dr., Davisville, WV 26142
My Commission Expires August 7, 2019

Received
JUN 30 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 5th day of June, 2014
Notary Public
My Commission Expires August 7, 2019

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 depprivacyoffier@wv.gov.

500926 P

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Western Pocahontas Properties
5620 Irwin Rd.
Huntington, WV 25705

COMPLETE THIS SECTION ON DELIVERY

A. Signature: Amanda Boggs ☐ Agent ☐ Addressee

B. Received by (Printed Name): Amanda Boggs C. Date of Delivery: 6-10-14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label): 7011 1570 0003 5498 9071

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

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Attn: Jim Cappucchi
New River Energy
P.O. Box 1020
Waynesburg, PA 15370

COMPLETE THIS SECTION ON DELIVERY

A. Signature: X Richard Killey ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label): 7011 1570 0003 5498 9088

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

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Boone East Dev.
P.O. Box 271
Julian, WV 25529

COMPLETE THIS SECTION ON DELIVERY

A. Signature: X R Hager ☐ Agent ☐ Addressee

B. Received by (Printed Name): R Hager C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

JULIAN JUN 9 2014 USPS

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3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label): 7011 1570 0003 5498 9095

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

5009260

WW-9
Rev. 5/08

Page 1 of 1
API Number 47 - 005 - 00926
Operator's Well No. Y & O 115

ck# 6718
$100.00

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 New River Energy Corporation OP Code 309919

Watershed Brown's Branch Quadrangle ~~Bald Knob~~ Wharton

Elevation 1332.56 County Boone District Crook

Description of anticipated Pit Waste: fluids used and associated with well plugging activities

Will a synthetic liner be used in the pit? xx 20ml.

Proposed Disposal Method For Treated Pit Wastes:

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

Proposed Work For Which Pit Will Be Used:

____ Drilling ____ Swabbing
____ Workover xx Plugging
____ Other (Explain _____

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 Roger L Whited

Received

Company Official (Typed Name) Roger L. Whited

Company Official Title Designated Agent

JUN 30 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 5th day of June, 2014

JM Lott Notory Public

My commission expires August 7, 2019

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
JESSICA M. LOTT
88 Diamond Dr., Davisville, WV 26142
My Commission Expires August 7, 2019

500926 P

Form WW-9

Operator's Well No. Y & O 115

LEGEND

Property Boundary
Road
Existing Fence
Planned Fence
Stream
Open Ditch
Rock
North N
Buildings
Water wells W
Drill site

Diversion
Spring
Wet Spot
Drain Pipe with size in inches
Waterway
Cross Drain
Artificial Filter Strip
Pit: cut walls
Pit: compacted fill walls
Area for Land Application of Pit Waste

Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH 6.4

Lime 2 Tons/acre or to correct to pH 6.5

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

Mulch straw Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5

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

Photocopied section of involved 7.5' topographic sheet.

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Plan Approved by: _____

Comments: _____

Title: WVDEP Oil & Gas Insp. Date: 6/25/14

Field Reviewed? (✓) Yes ( ) No

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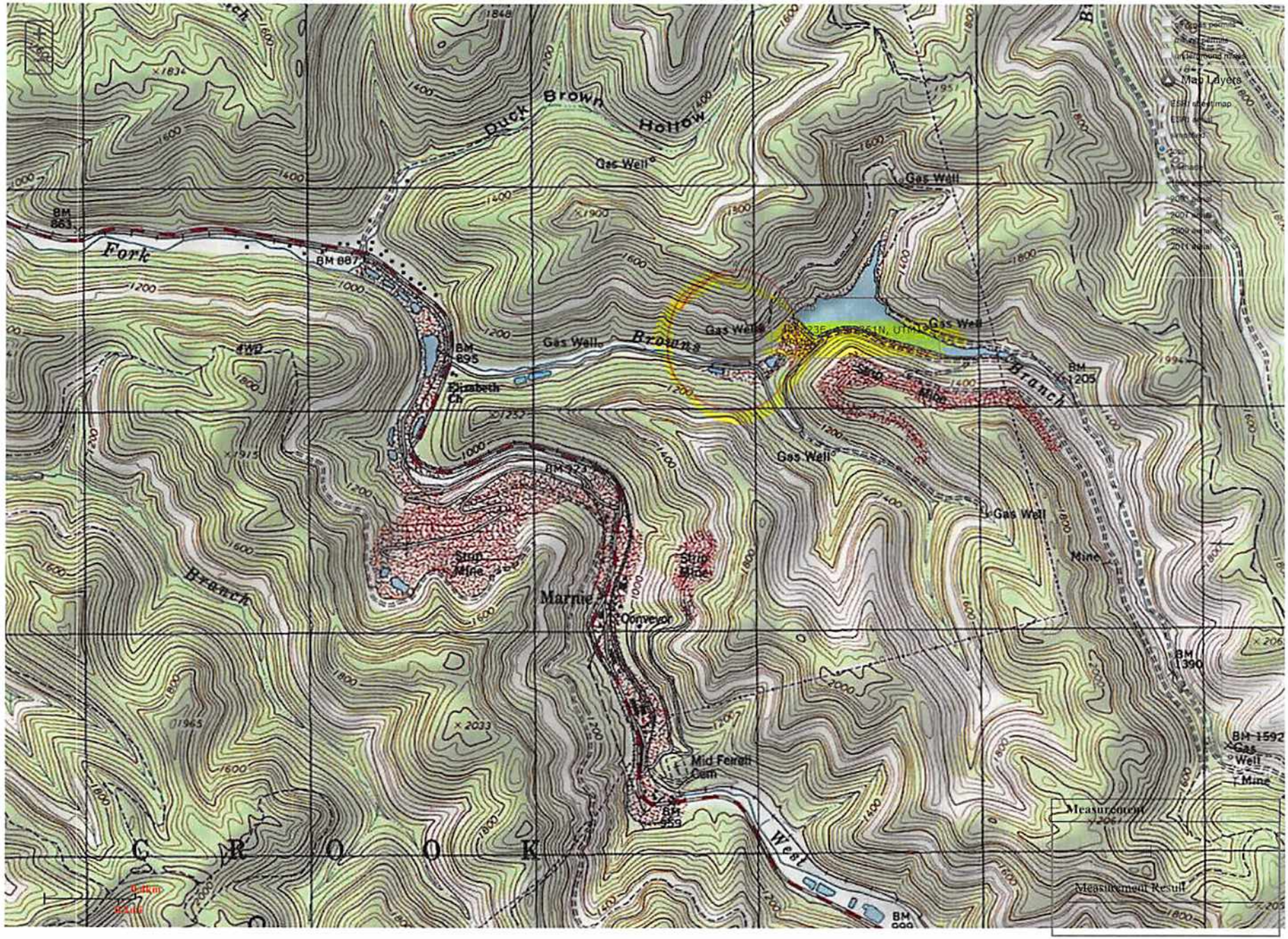
Duck Brown Hollow
Gas Well
Fork
Browns
Branch
Elizabeth Ch
Strip Mine
Marnie
Conveyor
Mid Ferrell Cem
West
C R O O K
Map Layers
Measurement
Measurement Result

5 00926P

WW-7
8-30-06

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

API: 47-005-00926 WELL NO.: #115

FARM NAME: Y & O

RESPONSIBLE PARTY NAME: New River Energy Corporation

COUNTY: Boone DISTRICT: Crook 1

QUADRANGLE: ~~Bald Knob~~ Wharton 673

SURFACE OWNER: Western Pocahontas Properties LP

ROYALTY OWNER: List attached

UTM GPS NORTHING: 4202360.7

UTM GPS EASTING: 443022.9 GPS ELEVATION: 1332.56

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 xx : Post Processed Differential XX

Real-Time Differential _____

Mapping Grade GPS ____: Post Processed Differential _____

Real-Time Differential _____

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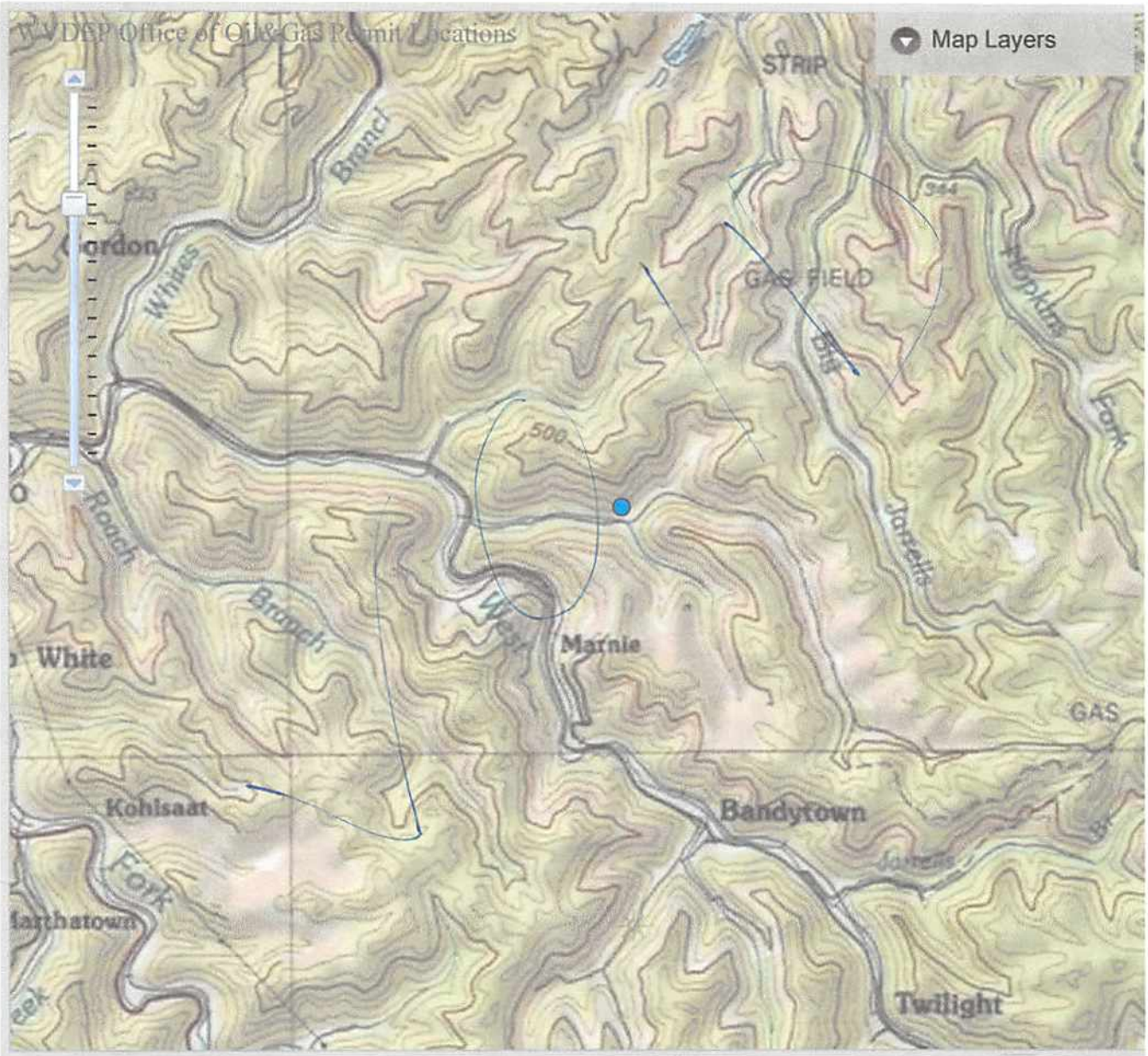
4. **Letter size copy of the topography map showing the well location.**

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.

Signature	Title	Date
	Office Manager	05/28/2014



Y:O #115 47-005-00926

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JUN 30 2014

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WV Dept. of Environmental Protection