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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](http://www.dep.wv.gov)

December 01, 2014


**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-500822, 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 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: 32-SR-86  
Farm Name: POND FORK COAL CO.  
**API Well Number: 47-500822**  
**Permit Type: Plugging**  
Date Issued: 12/01/2014

**Promoting a healthy environment.**

**12/05/2014**

## 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

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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.

1) Date July 3, 20 14  
2) Operator's  
Well No. Pond Fork 32-86  
3) API Well No. 47-005 - 00622

CK# 7125  
\$1000

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 1242 Watershed Robinson Creek  
District Crook County Boone Quadrangle Peytona Williams W. 83

6) Well Operator New River Energy Corporation 7) Designated Agent Patchwork Oil & Gas, LLC Roger L. Whited  
Address PO Box 1020 Address 8165 Elizabeth Pike  
Waynesburg, PA 15370 Elizabeth, WV 26143

8) Oil and Gas Inspector to be notified Name Ross Etter TERRY URZAW  
Address 121 Briertill Dr.  
Beckley, WV 25801 549-5915  
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 breakdown attached.

SEE Note ~~10~~ ON Schematic

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

Work order approved by inspector [Signature] Date 10-7-14

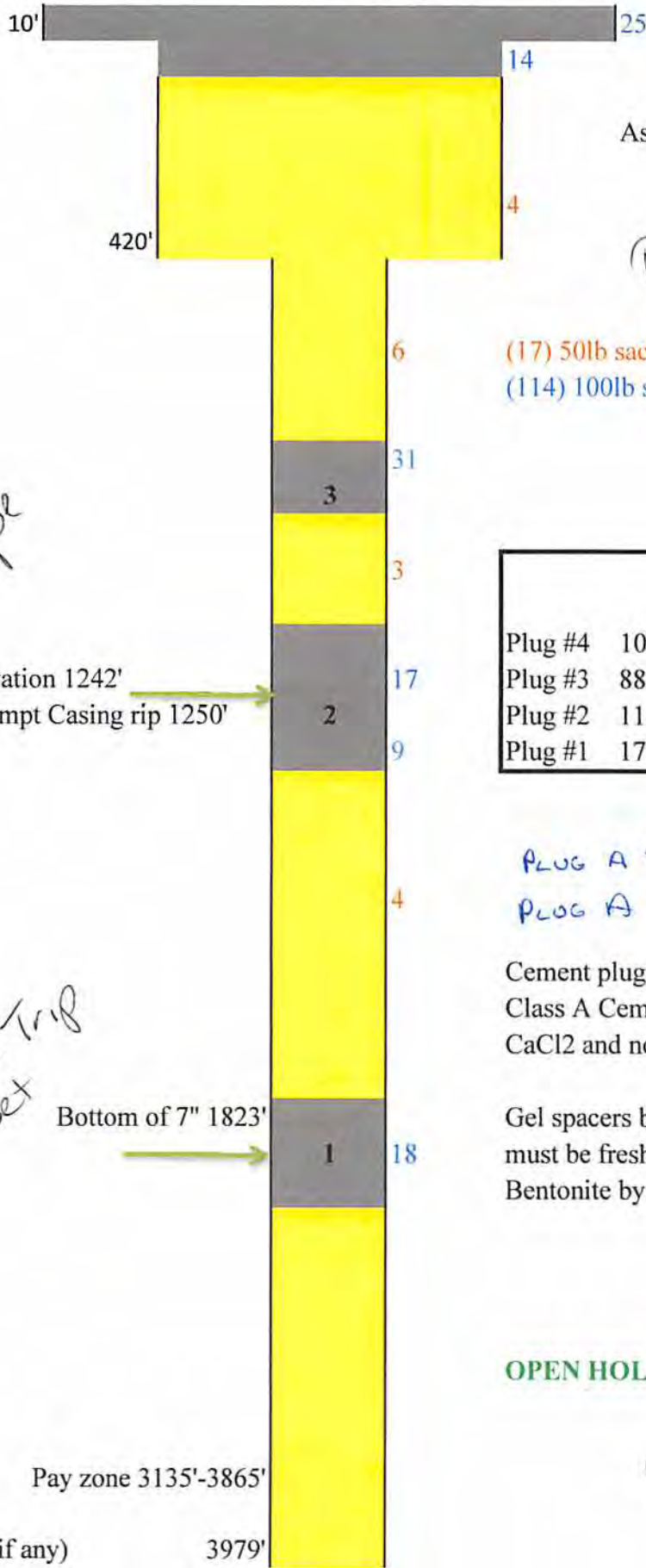
Received  
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DEC 20 2014

10" 56'  
8 1/4 420'

7" 1823'

PF 32-86  
47-005-00822

500822P  
NOT TO SCALE



Assuming pipe is cemented to surface

*Operator to  
Cover All Coal & Freshwater  
now*

(17) 50lb sacks of 6% gel used  
(114) 100lb sacks of cement

*Operator to  
pull all free  
Pipe*

Elevation 1242'  
Attempt Casing rip 1250'

Plugs	
Plug #4	100-surface Surface
Plug #3	885-992 Salt water strata
Plug #2	1192-1300 Elev/casing rip
Plug #1	1773-1873 Btm. plug at 7"

1932' Big Lime Gas Show.

*PLUG A 2 2562'- 2462' GAS SHOW BOREH  
PLUG A 1 3185'- 3085' OK GPM GAS SHOW SMC*

Cement plugs are at a minimum of 100' Class A Cement with no more than 3% CaCl2 and no other additives.

Gel spacers between all cement plugs must be fresh water with at least 6% Bentonite by weight

*Operator will Trip  
to TD  
Press Set*

Bottom of 7" 1823'

: Cement Pay zone 3135'-3865'  
 : Gel  
 : Bridge Plug (if any) 3979'

OPEN HOLE

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OCT 20 2014

12/05/2014



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. **500-322**

Company **Pond Fork Oil & Gas Company**  
 Address **Box 923, Charleston 23, W. Va.**  
 Also **Pond Fork Coal Company** No. **6608**  
 Location (Water) **Pond Fork (Robinson Creek)**  
 Well No. **32 - 86** (No. **1271.99**)  
 District **Creek** County **Boone**  
 The surface of tract owned by **Pond Fork Coal Co.**  
 Address **Madison, W. Va.**  
 Mineral rights are owned by **Pond Fork Coal Co.**  
 Address **Madison, W. Va.**  
 Drilling commenced **February 16, 1949.**  
 Drilling completed **May 24, 1949.**  
 Date Shut **7** From **7** To **7**  
 With **7 7/8" OD**  
 Open Flow **7 7/8" Water**  
 Volume **1000s**  
 Back Pressure **0**  
 Oil **0**  
 Fresh water **70**  
 Salt water **935**

Control and Valves	Flowing Bottom	Depth Well	Pressure
		54'	38'
		526'	420'
		227' OD	1823'
		1823'	1823'
		(On 20' Connless-60 Joints)	
			Not Taped

Formation	Color	Hard or Soft	Top	Bottom	Depth of Water	Depth Found	Remarks
Gravel	Yellow	Soft	0	20			
Slate	Gray	"	20	55			
Sand	"	Hard	55	110			
Coal	Black	Soft	110	111			
Slate	Gray	"	111	115			
Sand	White	"	115	160			
Slate	"	"	160	165			
Sand	"	Hard	165	205			
Slate	Black	Soft	205	245			
Sand	Gray	Hard	245	265			
Coal	Black	Soft	265	267			
Slate	"	"	267	300			
Sandy Lime	Gray	Hard	300	310			
Slate	Black	Soft	310	330			
Lime	Gray	Hard	330	357			
Coal	Black	Soft	357	360			
Slate	"	"	360	365			
Sand	Gray	Hard	365	375			
Slate	Black	Soft	375	395			
Lime	Gray	Hard	395	410			
Slate	Black	Soft	410	420			
Sand	Gray	Hard	420	430			
Slate	Black	Soft	430	437			
Lime	"	Hard	437	450			
Sand	Gray	"	450	522			
Lime	"	"	522	555			
Slate & Shells	"	Soft	555	564			
Lime	Gray	Hard	564	582			
Slate & Shells	"	Soft	582	650			
Lime	Black	Hard	650	666			
Slate	"	Soft	666	670			
Lime	"	Hard	670	695			
Slate & Shells	Gray	Soft	695	716			
Sand	Gray	"	716	755			
Slate	White	"	755	786			
Crinoid S.	Yellow	Hard	786	834			
Sand	Gray	"	834	1010			
Slate	Black	Soft	1010	1020			
Salt Sand	White	Hard	1020	1564			

(Over)

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017 2/12/49

Formation	Color	Hard or Soft	Top	Bottom	Notes	Depth	Remarks
Slate	Gray	Soft	1343	1370			
Salt Sand	White	Hard	1370	1411			
Slate	"	Soft	1411	1423			
lime	Black	Hard	1423	1434			
Salt Sand	White	"	1434	1508			
Slate	"	Soft	1386	1438			
lime	Black	Hard	1408	1430			
Sand	Gray	"	1620	1648			
Slate	White	Soft	1648	1651			
Soak	Red	Soft	1651	1655			
Sandy lime	Gray	Hard	1655	1665			
Marion S.	"	"	1665	1740			
Little lime	Black	"	1740	1770			
lime	Gray	"	1770	1774			
lime	Black	"	1774	1808			
Slate	White	Soft	1808	1810			
Big lime	"	Hard	1810	2070			
Injun S.	Red	"	2070	2080			
lime	Black	"	2080	2102			
Slate	White	Soft	2102	2110			
lime	Gray	Hard	2110	2223			
Slate & S.	White	Soft	2223	2473			
lime	Black	Hard	2473	2490			
Shale	Brown	Soft	2490	2508			
Merca Sand	Gray	Hard	2508	2529			
lime	"	"	2529	2595			
Slate & S.	White	Soft	2595	2609			
lime	Black	Hard	2609	2630			
Slate & S.	White	Soft	2630	2673			
lime	Black	Hard	2673	2673			
Slate & S.	Gray	Soft	2673	2943			
lime	Black	Hard	2943	3083			
Slate & S.	Gray	Soft	3083	3106			
Shale	Black	"	3106	3158			
Slate & S.	Gray	"	3158	3222			
Shale	Brown	Hard	3222	3263			
lime Shells	Gray	"	3263	3309			
Shale	Black	Soft	3309	3368			
lime	"	"	3368	3372			
Shale	Gray	Hard	3372	3392			

you increase w/ 7" casing bottom  
 Plug

ONE Plug

ONE Plug

Rig Built by Ace Myer, Charleston, W.Va.  
 Drillers:  
 Saul Shriver, Madison, W.Va.  
 Harold Hill,

Tool Dresser:  
 M.A. Hale, Madison, W.Va.  
 W.H. White,

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 Office of Oil & Gas  
 OCT 20 2014

WW-4A  
Revised 6-07

1) Date: July 3, 2014  
2) Operator's Well Number  
Pond Fork 32-86

3) API Well No.: 47 - 005 - 00822

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

ck# 7125  
\$ 100<sup>00</sup>

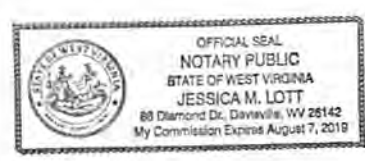
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>JRY Natural Resources c/o Gaddy Engineering</u>	Name <u>Alpha Natural Resources</u>
Address <u>Attn: Theodore M. Streit</u>	Address <u>P.O Box 1020</u>
<u>303 West Washington St.</u>	<u>Waynesburg, PA 15370</u>
(b) Name <u>Charleston, WV 25302</u>	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Independence Coal Company</u>
(c) Name <u>Gardner Management Services Attn: Tom Gardner</u>	Address <u>782 Robinson Creek Rd.</u>
Address <u>PO Box 403</u>	<u>Madison, WV 25130</u>
<u>Saratoga Springs, NY 12866-0403</u>	Name <u>Boone East Development Co</u>
6) Inspector <u>Ross Eller</u> <u>TERRY URBAN</u>	(c) Coal Lessee with Declaration
Address <u>121 Briarhill Dr.</u> <u>P.O. Box 1207</u>	Name <u>Above are the Lessee's was no room on this space for both.</u>
<u>Beekley, WV 25801</u> <u>Cleodena WV</u>	Address _____
Telephone <u>304-932-8044</u> <u>549-5815</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 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 A. [Signature]

Its: Designated Agent

Address 8165 Elizabeth Pike

Elizabeth, WV 26143

Telephone 304-275-4446

Subscribed and sworn before me this 3rd day of July, 2014

My Commission Expires August 7, 2019

Received  
Office of Oil & Gas  
OCT 29 2014

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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

500822P

**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.

Article Addressed to:  
JRG Natural Resources  
303 West Washington St  
Charleston, WV 25302

Article Number (Transfer from service label) 7014 0510 0001 8220 1572  
S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
X *Ray Mather*  Agent  Addressee  
B. Received by (Printed Name) C. Date of Delivery

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

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

Alpha Natural Resources  
PO Box 1020  
Waynesburg, PA 15370

1. Article Addressed to:  
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.

**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.

Article Addressed to:  
Independence Coal  
782 Robinson Creek Rd  
Madison, WV 25130

Article Number (Transfer from service label) 7014 0510 0001 8220 1534  
S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
X *Jason Carter*  Agent  Addressee  
B. Received by (Printed Name) C. Date of Delivery  
*Jason Carter 7/22*

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

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

4. Restricted Delivery? (Extra Fee)  Yes

A. Signature  Agent  
*Richard Heger*  Addressee  
B. Received by (Printed Name)  
C. Date of Delivery  
*9-22-14*  
D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

**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.

Article Addressed to:  
Boone East Development  
PO Box 271  
Julian, WV 25529

Article Number (Transfer from service label) 7014 0510 0001 8220 1589  
S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
X *Richard Heger*  Agent  Addressee  
B. Received by (Printed Name) C. Date of Delivery  
*Richard Heger*

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

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

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Office of Oil & Gas  
OCT 20 2014

12/05/2014



**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:

Gardener Management  
 P.O. Box 403  
 Saratoga Springs, NY 12866

2. Article Number

(Transfer from service label)

7014 0510 0001 8220 1555

PS Form 3871, February 2004

Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*Laurie Holden*

B. Received by (Printed Name)

*Laurie Holden*

C. Date of Delivery

*SEP 24 2014*

D. Is delivery address different from item 1?  Yes  No

3. Service type

- Certified Mail
- Registered Mail
- Insured Mail
- Express Mail
- Return Receipt for Merchandise
- C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

Received

OCT 21 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

CK 7/25/14  
100

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 Robinson Creek Quadrangle Peytona Williams Mtn. 683

Elevation 1242 County Boone District Crook

Description of anticipated Pit Waste: Fluids used an associated with well plugging

Will a synthetic liner be used in the pit? Yes TU

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 Roger L. White

Company Official (Typed Name) Roger L. White

Company Official Title DESIGNATED AGENT

Subscribed and sworn before me this 3rd day of July, 20 14

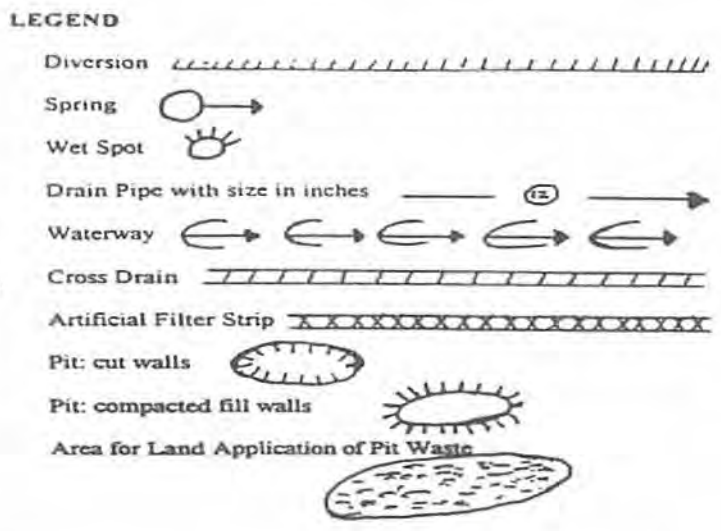
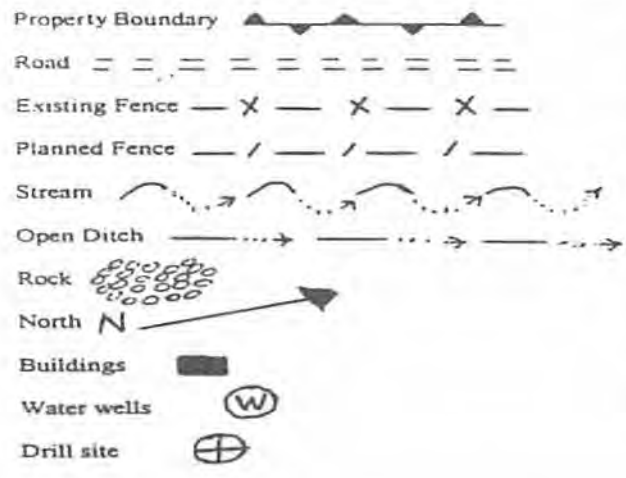
pmolote

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Office of Oil & Gas  
JUL 20 2014

Notary Public

My commission expires August 7, 2019





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

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
<u>Tall Fescue</u>	<u>40</u>	<u>"</u>	<u>"</u>
<u>Ladino Clover</u>	<u>5</u>	<u>"</u>	<u>"</u>

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

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

Title: Inspector Delc Gas

Date: 10.7.14

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Office of Oil & Gas  
OCT 20 2014

Field Reviewed?  Yes  No



WW-7  
8-30-06



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

API: 47-005-00822 WELL NO.: Pond Fork 32-86  
FARM NAME: Pond Fork  
RESPONSIBLE PARTY NAME: New River Energy  
COUNTY: Boone DISTRICT: Crook  
QUADRANGLE: Peytona Williams Mtn. 683  
SURFACE OWNER: Jry Natural Resources c/o Gaddy Engineering  
ROYALTY OWNER: Same  
UTM GPS NORTHING: 4211341.5  
UTM GPS EASTING: 434867.3 GPS ELEVATION: 1242

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 **XX**  
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.

*[Signature]* Office Manager 08/08/2014  
Signature Title Date

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