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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: 47-500813, 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: 31-SR-85  
Farm Name: POND FORK COAL CO.  
**API Well Number: 47-500813**  
**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, 2014  
2) Operator's  
Well No. Pond Fork 31-85  
3) API Well No. 47-005 - 00813

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 1136 Watershed Robinson Creek  
District Crook County Boone Quadrangle Peytona-Williams Mt-  
683

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 Eller  
Address 121 Brierhill Dr.  
Beckley, WV 25801  
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 Schematic*

*MUST TRY TO RETRIEVE CASING. IF ANY CASING IS FREEPOINTED AND CUT, THERE MUST BE 100' CLASS A PLUG ACROSS CUT. IF CASING CANNOT BE REMOVED, IT MUST BE RIPPED OR PERFORATED TO ALLOW CEMENT TO COVER ALL WATER & COAL & OIL & GAS SHOWS*  
*gwm*

Received  
Office of Oil & Gas  
OCT 20 2014

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

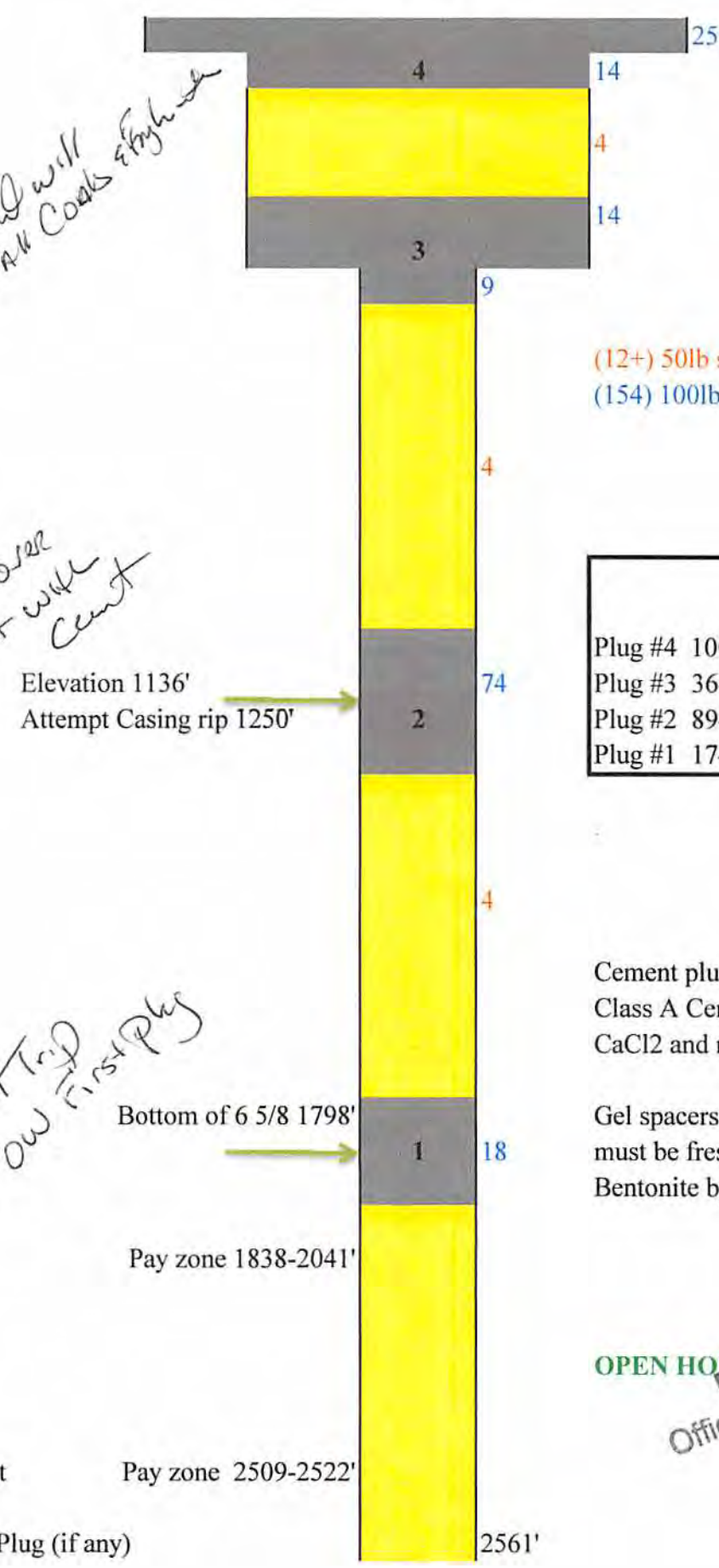
### Pond Fork 31-85

*Open well  
Come All Coals & Fracture*

*Operate well case  
Elevation & Cut with  
Cement*

*Operate well Trip  
to TD on first plug*

: Cement  
 : Gel  
 : Bridge Plug (if any)



(12+) 50lb sacks of 6% gel used  
 (154) 100lb sacks of cement

Plugs	
Plug #4	100-surface Surface and 10 plug
Plug #3	364-464 8 1/4 plug
Plug #2	894-1305 Elev/salt h20/casing rip
Plug #1	1748-1848 Btm. plug at 6 5/8

Cement plugs are at a minimum of 100' Class A Cement with no more than 3% CaCl<sub>2</sub> and no other additives.

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

OPEN HOLE  
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 Office of Oil & Gas  
 OCT 20 2014

Debbie Nelson 6-25-80

Formation	Color	Hard or Soft	Top	Bottom	Gas Show	Origin
Sand	Gray		1590	1615		
Red Rock			1615	1619		
Slate	White		1619	1622		
Lime			1622	1658		
Maxton Sand			1658	1700		
Little Lime			1700	1748		
Lime	Gray		1748	1758		
Lime	Black		1758	1785		
Slate	White		1785	1799		
Big Lime			1799	2032		
Injun Sand			2032	2050	Gas show	1942-80
Lime	Gray		2050	2155		2032-41
Slate & Shells			2155	2485		
Brown Shale			2485	2502		
Brea Sand			2502	2522		2502-22
Lime	Dark	Hard	2522	2561		
Total Depth			2561			

Plus

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Office of Oil & Gas  
OCT 20 2014

*Dickie Nelson 6-26-80*



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. Hon-813

Company Pond Fork Oil & Gas Co.

Address Box 923, Charleston 23, W. Va.

Farm Pond Fork Coal Co. Acres 6608.75

Location (waters) Robinson Creek

Well No. 31 Serial 85 Elev. 1135.79

District Crook County  Boone

The surface of tract is owned in fee by Pond Fork Coal Co.

Address Radison, W. Va.

Mineral rights are owned by Pond Fork Coal Co.

Address Radison, W. Va.

Drilling commenced August 25, 1948

Drilling completed November 10, 1948

Date Shot 11/10/48 From 2522' To 2508'

With 60 Quarts Glycoline

Open Flow 1 1/4 in. Water in 2 in.

Volume 157,000 cu. ft.

Hook Pressure 440 lbs. 96 psi

Oil None None None

Fresh water None feet

Salt water 944-1080-1135 feet Hole 11255'

Casing and Tubing	Depth	Level	Remarks
5 1/2"			
4"	27		Setting
3 1/2"	214		
3"	1798		
2 1/2"			
2"			
1 1/2"			
1"			

COAL WAS ENCOUNTERED AT 243 FEET 36 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Remarks
Gravel			0	20		
Band			20	47		
Coal			47	50		
Slate			50	60		
Lime	Grey		60	110		
Lime			110	120		
Slate			120	132		
Band			132	143		
Slate	White		143	172		
Slate	Black		172	205		
Lime & Band			205	220		
Slate	Dark		220	243		
Coal			243	258		
Slate			258	313		
Sandy lime			313	323		
Slate	Dark		323	350		
Band	Gray		350	414		
Slate Shells			414	484		
Band	Gray		484	500		
Slate & Shells			500	515		
Band			515	545		
Slate	Black		545	590		
<del>Slate</del> Lime Shell			590	605		
Slate			605	620		
Lime			620	664		
Band			664	693		
Slate			693	698		
Band			698	745		
Crampus Band			745	840		
Slate			840	845		
Crampus Band			845	1000		
1st Salt Band			1000	1303		
Slate	White		1303	1307		
Salt Band			1307	1338		
Slate & Shells			1338	1385		
Salt Band			1385	1553		
Red Rock			1553	2537		
Lime	Gray		2537	2590		



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Office of Oil & Gas

OCT 20 2014

500813P

WW-4A  
Revised 6-07

1) Date: July 3, 2014  
2) Operator's Well Number  
Pond Fork 31-85  
3) API Well No.: 47 - 005 - 00813

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

OK # 7125  
\$100.00

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name: JRY Natural Resources c/o Gaddy Engineering	Name: Alpha Natural Resources
Address: Attn: Theodore M. Streit	Address: P.O Box 1020
303 West Washington St.	Waynesburg, PA 15370
(b) Name: Charleston, WV 25302	(b) Coal Owner(s) with Declaration
Address:	Name: Independence Coal Company
(c) Name: Gardner Management Services Attn: Tom Gardner	Address: 782 Robinson Creek Rd.
Address: PO Box 403	Madison, WV 25130
Saratoga Springs, NY 12866-0403	Name: Boone East Development Co
6) Inspector: <del>Ross Eller</del> Terry Ursaw	(c) Coal Lessee with Declaration
Address: 121 Briermill Dr. PO Box 1207	Name: Above are the Lessee's was no room on this space for both.
Beckley, WV 25801	Address:
Telephone: 304-932-0044 549-5915	

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:	<i>Roger L. [Signature]</i>
	Its:	Designated Agent
	Address	8165 Elizabeth Pike Elizabeth, WV 26143
	Telephone	304-275-4448

Subscribed and sworn before me this 3rd day of July, 2014  
My Commission Expires August 7, 2019  
Notary Public *[Signature]*

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Office of Oil & Gas  
OCT 20 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).

12/05/2014

500813P

**ENDER: 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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 Agent  
 Addressee  
*Richard Hogen*

B. Received by (Printed Name)  
*Richard Hogen*

C. Date of Delivery  
 09-22-14

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

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

4. Restricted Delivery? (Extra Fee)  Yes

Article Number (Transfer from service label) **7014 0510 0001 8220 1589**

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

2. Article Number

**ENDER: 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:  
 Alpha Natural Resources  
 PO Box 1020  
 Waynesburg, PA 15370

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 Agent  
 Addressee  
*Richard Kelly*

B. Received by (Printed Name)  
*Richard Kelly*

C. Date of Delivery  
 09-22-14

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

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

4. Restricted Delivery? (Extra Fee)  Yes

Article Number (Transfer from service label) **7014 0510 0001 8220 1541**

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

**ENDER: 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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 Agent  
 Addressee  
*Jason Cartier*

B. Received by (Printed Name)  
*Jason Cartier*

C. Date of Delivery  
 9/22

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

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

4. Restricted Delivery? (Extra Fee)  Yes

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**

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:  
 JRG Natural Resources  
 303 West Washington's  
 Charleston, WV 25302

A. Signature  
 Agent  
 Addressee  
*Maat Mather*

B. Received by (Printed Name)  
*Maat Mather*

C. Date of Delivery  
 Yes  
 No

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

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

4. Restricted Delivery? (Extra Fee)  Yes

Received  
 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)

PS Form 3871, February 2004

7014 0510

Domestic Return Receipt  
 0001 8220 1555

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*Laurie Haddon*

B. Received by (Printed Name)  
*Laurie Haddon*

C. Date of Delivery

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

If YES, enter delivery address below:

SEP 24 2014

3. Service Type

- Certified Mail
- Registered
- Insured Mail
- Return Receipt for Merchandise
- 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

500813A

WW-9  
Rev. 5/08

Page 1 of 1  
API Number 47-005 - 00813  
Operator's Well No. Pond Fork 31-85

OK 7125  
1000

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 1136 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 (TW) 20 min.

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

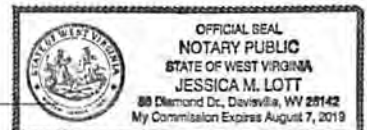
Received  
Office of Oil & Gas  
OCT 20 2014

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

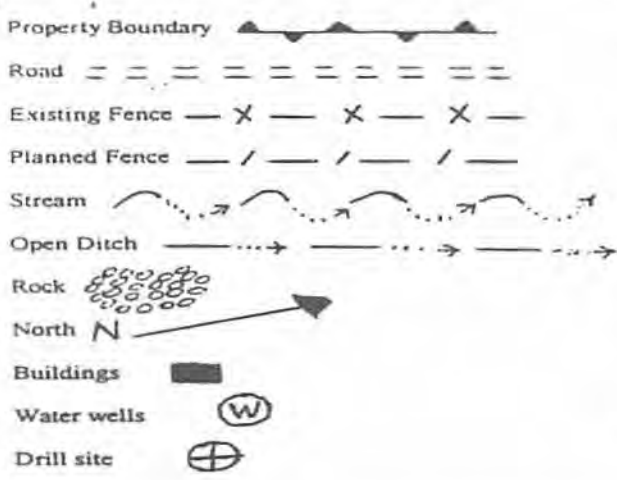
J. M. Lott

Notary Public

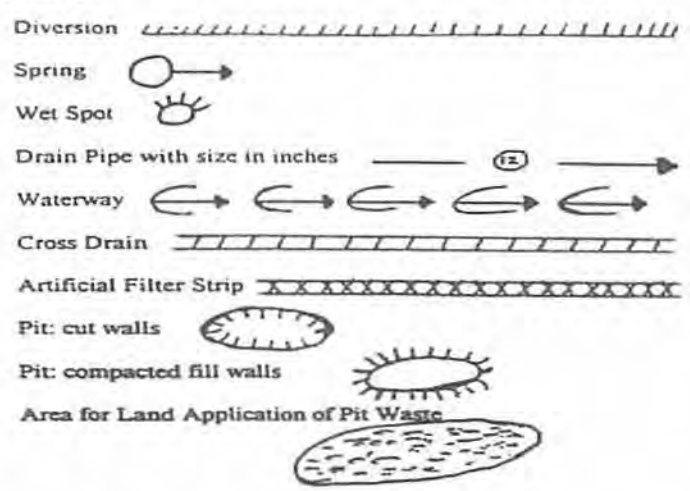
My commission expires August 7, 2019



12/05/2014



LEGEND



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: \_\_\_\_\_

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Office of Oil & Gas  
OCT 20 2014

Title: Inspection of Wells Date: 10-7-14

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: 47-005-00813 WELL NO.: Pond Fork 31-85

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: 4210982

UTM GPS EASTING: 435527.7 GPS ELEVATION: 1136

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.

J. M. [Signature]  
Signature

Office Manager  
Title

08/08/2014  
Date

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Office of Oil & Gas  
08/08/2014