



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

June 04, 2015

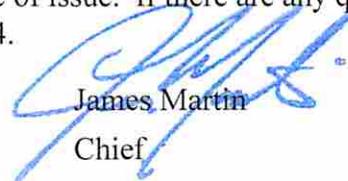
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-500411, 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: 2
Farm Name: POND FORK OIL & GAS CO.
API Well Number: 47-500411
Permit Type: Plugging
Date Issued: 06/04/2015

Promoting a healthy environment.

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.

500411 P

WW-4A
Revised 6-07

1) Date: JULY 29, 2014
2) Operator's Well Number
PFD #8

3) API Well No.: 47 - 005 - 00411

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

OK'd 7/25
\$ 100⁰⁰

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>BOONE EAST DEVELOPMENT CO.</u>	Name _____
Address <u>PO BOX 271</u>	Address _____
<u>JULIAN, WV 25529</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>BOONE EAST DEVELOPMENT CO.</u>
_____	Address <u>PO BOX 271</u>
(c) Name _____	<u>JULIAN, WV 25529</u>
Address _____	_____
_____	_____
6) Inspector <u>ROSS ELLER Terry W. Zimmerman</u>	(c) Coal Lessee with Declaration
Address <u>121 BRIERHILL RD. P.O. Box 1201</u>	Name _____
<u>BECKLEY, WV 25801</u>	Address _____
Telephone <u>304-932-6844 549-5915</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, CORP.
 By: ROGER L. WHITED
 Its: DESIGNATED AGENT
 Address 8165 ELIZABETH PIKE
ELIZABETH, WV 26143
 Telephone 304-275-4446

Subscribed and sworn before me this 29 day of July, 2014

Jessica M. Lott
My Commission Expires Aug. 7, 2019

Notary Public

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.

Received
Office of Oil & Gas
AUG 20 2014

1) Date JULY 29, 20 14
2) Operator's Well No. PFD #8
3) API Well No. 47-005 - 00411

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 XX / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow ___

5) Location: Elevation 1523 Watershed SPRUCE FORK
District WASHINGTON County BOONE Quadrangle CLOTHIER 7.5'

6) Well Operator NEW RIVER ENERGY CORP. 7) Designated Agent 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 RD.
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 & BREAKDOWN ON NEXT PAGE.

See Schematic

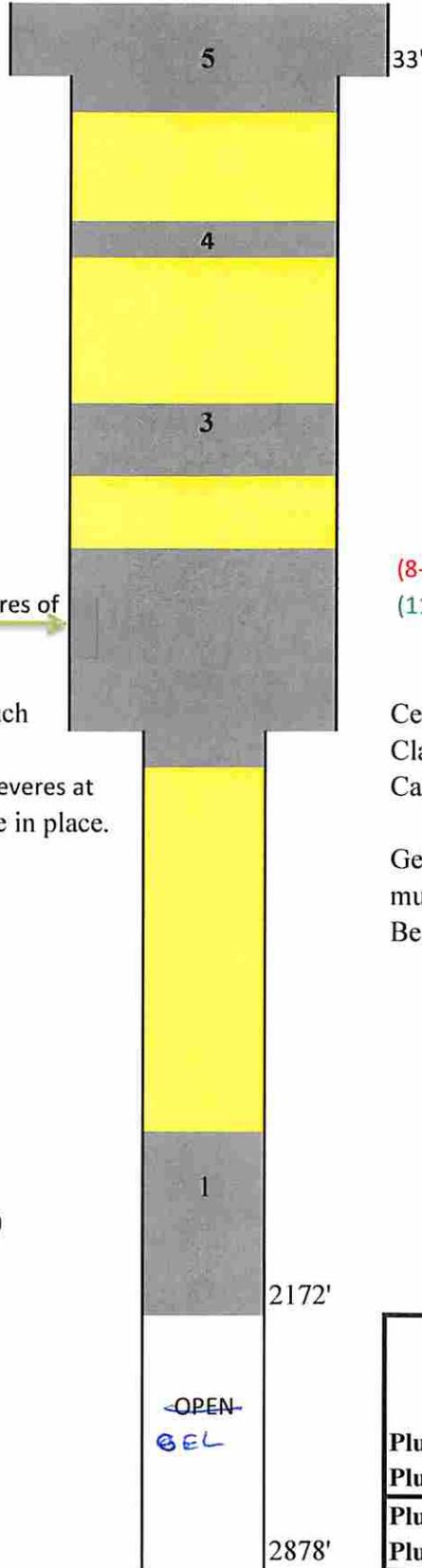
Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector _____



Received
Office of Oil & Gas
Date OCT 10 2014
10-7-14

PFD #8
47-005-00411



1. MAY HAVE TO DRILL OUT TO TD. AT LEAST TO BELOW 6 5/8" @ 2172'. LOAD WITH GEL BEFORE SPOTTING PLUG #1.

JMM

(8-9) 50lb sacks of 6% gel used
(112) 100lb sacks of cement

Elevation 1513.87', at least severes of casing

The records do not show how much cement was used on the back side. Where ever we find 6 5/8 & 8 1/4 severes at a minimum of a 100' plug will be in place.

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

Gas show 2042, 2390

Grey : Cement
Yellow : Gel
Red : Bridge Plug (if any)

Plugs		
Plug #5	Surface-100	Surface
Plug #4	443-621	Coal
Plug #3	1075-1175	Show
Plug #2	1330-1650	elevation, show, severe
Plug #1	1992-2172	Bottom/show

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. B00-411

Oil or Gas Well _____
(Kind)

Company.....	Pond Fork Oil & Gas Company		Casing and	Used in	Left in	Packers
Address.....	c/o Siegel Workman, Charleston, W. Va.		Tubing			
Farm.....	Pond Fork Oil & Gas Company	Acres.....	385			
Location (waters).....	Spruce Fork Little Coal River		Size			
Well No.....	1 - Serial No. 33	Elev.....	1513.87	16.....		Kind of Packer.....
District.....	Washington	County.....	Boone	13.....		
The surface of tract is owned in fee by.....	Pond Fork O & G Co		10.....			Size of.....
.....	c/o Siegel Workman address.....		Charleston, W. Va.	8 1/4.....	1056' 2"	
Mineral rights are owned by.....	Pond Fork Oil & Gas Co.		6 5/8.....		2172'	Depth set.....
.....	Address.....		same	5 3/16.....		
Drilling commenced.....	June 29, 1938		3.....			Perf. top.....
Drilling completed.....	September 7, 1938		2.....			Perf. bottom.....
Date shot.....	Depth of shot.....		Liners Used.....			Perf. top.....
Open Flow	/10ths Water in.....	Inch				Perf. bottom.....
	/10ths Merc. in.....	Inch				
Volume.....	Cu. Ft.		CASING CEMENTED.....	SIZE.....	No. FT.....	Date
Rock Pressure.....	lbs.....	hrs.				
Oil.....	bbls., 1st 24 hrs.		COAL WAS ENCOUNTERED AT.....	483	FEET.....	INCHES
Fresh water.....	670	feet	571	FEET.....	INCHES.....	FEET.....
Salt water.....	1005 - 1635 = 1703	feet		FEET.....	INCHES.....	FEET.....

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Earth			0	38			
Sand Rock	White		33	261			
Slate	Black		261	275			
Sand	Gray		275	422			
Slate	Gray		422	483			
Coal			483	485			
Sand	White		485	495			
Slate	Brown		495	510			
Sand	White		510	545			
Slate	White		545	571			
Coal			571	573			
Slate	Black		573	600			
Sand	White		600	850			
Slate	Brown		850	965			
and	White	Hard	965	1109			
Grampus Sand	Brown		1109	1175	Show of Gas at 1125'		
Sand	White		1175	1190			
Slate	Brown		1190	1195			
Sand	Brown	Hard	1195	1240			
Slate	Brown		1240	1333	Show of Oil at 1360'		
Salt Sand			1333	1727			
Slate	Brown		1727	1780	Show of Gas at 1600'		
Second Salt	Sand		1780	1848			
Slate	Gray		1848	1868			
Rock	Pink		1868	1868			
Lime (Sandy)			1898	1910			
Red Rock			1910	1925			
Lime			1925	1945			
Slate & Shells			1945	2016			
Marion Sand			2016	2078	Show of Gas at 2042'		
Little Lime			2078	2158			
Pencil Cave			2158	2162			
Big Lime			2162	2353			
Injun Sand			2353	2395	Show of Gas at 2390'		
Slate & Shells			2395	2480			
Lime			2480	2520			
Slate & Shells			2520	2765			
Lime	Black		2765	2800			
Slate	Black		2800	2839			
Berea Sand			2839	2871			
Slate	Black		2871	2876	TOTAL DEPTH: 2878'		

50041P

FORM G-8

AFFIDAVIT IN TRIPLICATE TO TIME AND MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Pond Fork Oil & Gas Company
COAL OPERATOR OR OWNER
Charleston, W. Va.
ADDRESS
COAL OPERATOR OR OWNER
ADDRESS
LEASE OR PROPERTY OWNER
ADDRESS

Pond Fork Oil & Gas Co.,
NAME OF WELL OPERATOR
c/o Siegel Workman,
Charleston, W. Va.
COMPLETE ADDRESS
October 10 1938
WELL AND LOCATION
Washington District
Boone County
Well No. 2- Serial 33
Pond Fork Oil & Gas Co. Farm

AFFIDAVIT TO BE MADE IN TRIPLICATE, ONE COPY TO BE MAILED BY REGISTERED MAIL TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) TO BE MAILED TO EACH COAL OPERATOR ABOVE NAMED AT THEIR RESPECTIVE ADDRESSES.

AFFIDAVIT

STATE OF WEST VIRGINIA,
COUNTY OF Boone } SS:

S.L. Shriver and Dennie Hill
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Pond Fork Oil & Gas Co., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 27 day of Sept, 1938, and that the well was plugged and filled in the following manner:

Manner in which sand was plugged: Total depth 2878' (original); filled back to 2899' - 2400'; continued to fill with red clay to 2150' as 8-4/8" casing is pulled; sealed hole completely at 2150'; set packer in Hazen Sand about 20' above point where gas is shown (2022'); 10' neat cement on packer; continued to fill around 2" tubing with red clay from 2022' - 1671'; cemented 1671' - 1661'; pulled 3 1/4" casings; filled with clay around tubing to 1100'; cemented 1100' - 1090'; filled with clay around tubing from 1090' - 603' - 30' below coal; cemented 603' - 551' - 20' above coal; red clay 551' - 515' - 30' below coal; cemented 515' - 463' - 20' above coal; red clay 463' to surface;

Manner in which coal was plugged:

★ WELL MUST HAVE BEEN REDRILLED AFTER THIS PLUGGING AFFIDAVIT WAS RECEIVED. SEE ATTACHED MOST RECENT PRODUCTION REPORT.

Description of monument:

(THE ABOVE DESCRIPTION MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 10, ARTICLE 4, CHAPTER 22 OF THE CODE)
and that the work of plugging and filling said well was completed on the 18 day of Oct, 1938

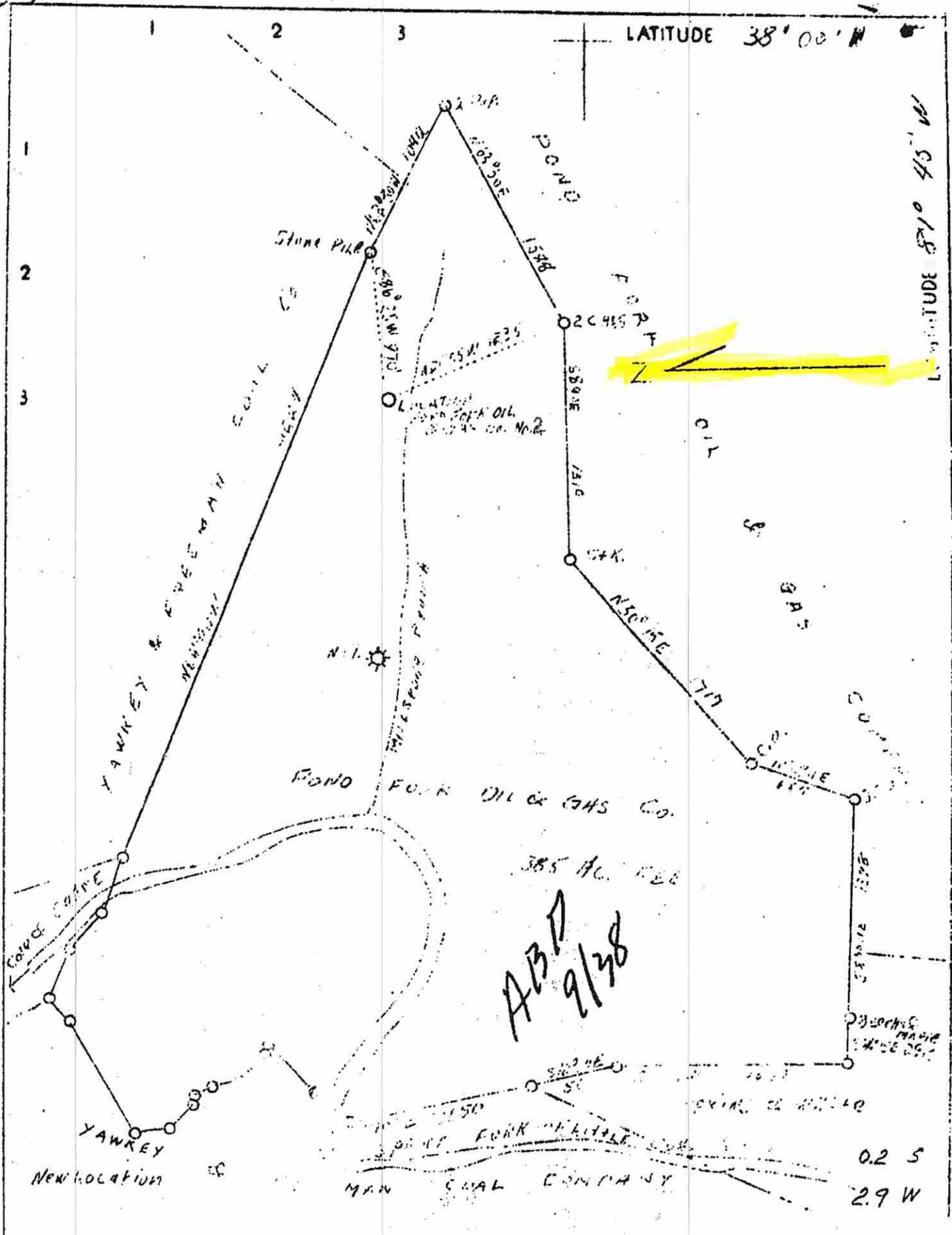
And further deponents saith not.

Sworn to and subscribed before me this 27 day of October, 1938
My Commission expires: Feb. 15, 1946.

S.L. Shriver
Dennie Hill
Notary Public.

Boone Hill-P

50041 P



Company Pond Fork Oil & Gas Co.
 Address Madison, W. Va.
 Farm Pond Fork Oil & Gas Co.
 Tract Acres 385 Lease No. _____
 Well (Farm) No. 2 Serial No. 33
 Elevation (Spirit Level) 1513.87 (Ground)
 Quadrangle Logan N.E.
 County Boone District Washington
 Engineer Sigfus Olafson
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date April 26, 1938 Scale 1"=800'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
PETROLEUM RESOURCES

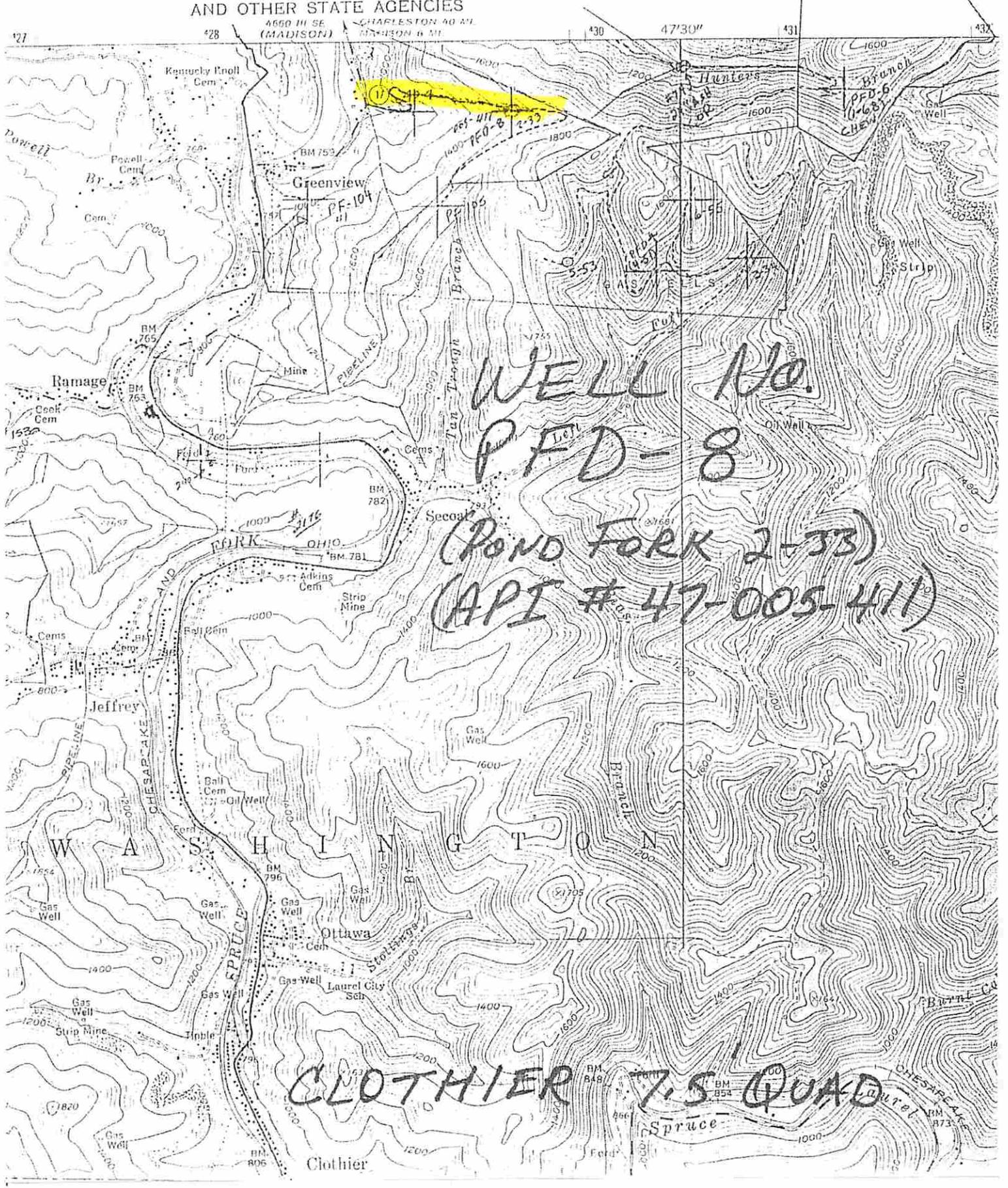
File No. Boo-411-P

Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
REPRESENTED BY THE
STATE OF WEST VIRGINIA GEOLOGICAL SURVEY
AND OTHER STATE AGENCIES



US 411

WELL No.
PFD-8

(POND FORK 2-33)
(API # 47-005-411)

CLOTHIER T.S. QUAD

Clothier

500411 P

WW-9
Rev. 5/08

Page 1 of 1
API Number 47 - 005 - 00411
Operator's Well No. PFD #8

7125
CK 10000

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 CORP. OP Code 309919

Watershed SPRUCE FORK Quadrangle CLOTHIER 7.5'

Elevation 1523' County BOONE District WASHINGTON

Description of anticipated Pit Waste: FLUIDS USED AN ASSOCIATED WITH WELL PLUGGING

Will a synthetic liner be used in the pit? YES TU 20 MIL

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 _____)

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

Company Official (Typed Name) ROGER L. WHITED

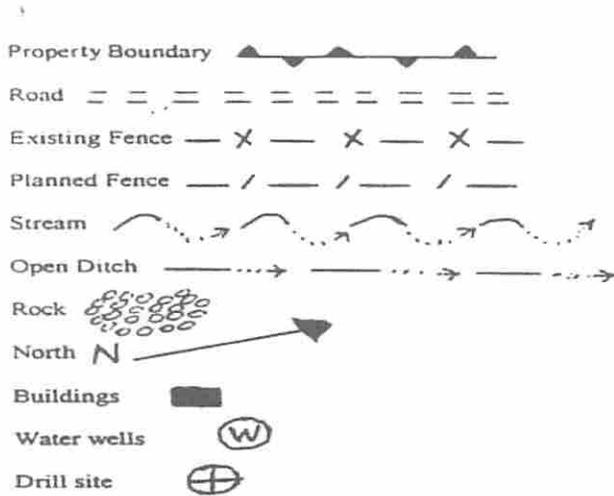
Company Official Title DESIGNATED AGENT

Subscribed and sworn before me this 29 day of July, 20 14

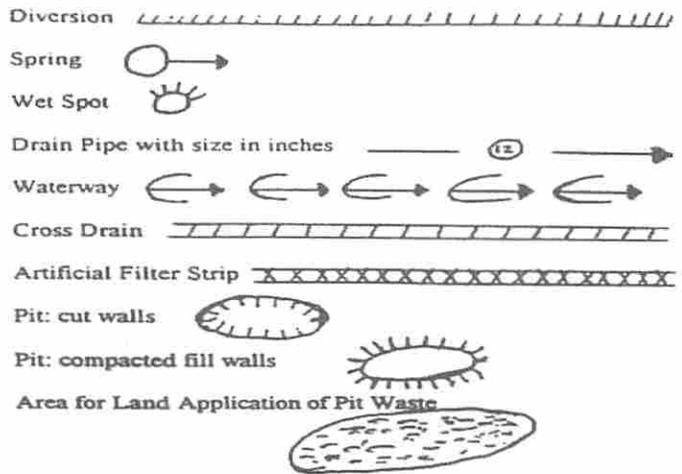
[Signature] Notary Public

My commission expires Aug. 7, 2019





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

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
TALL FESCUE	40	"	
LADINO CLOVER	5	"	

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

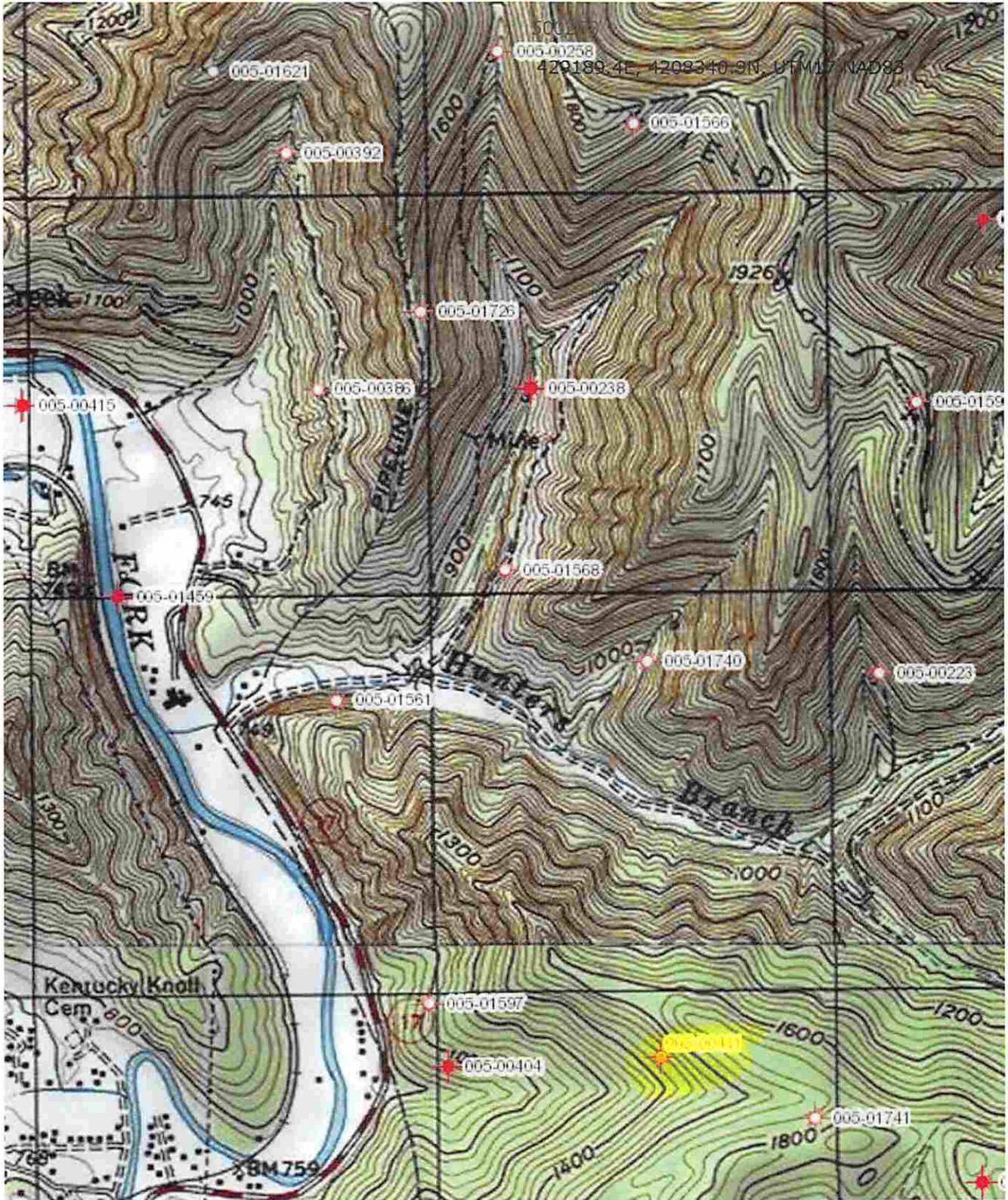
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]
Comments: _____

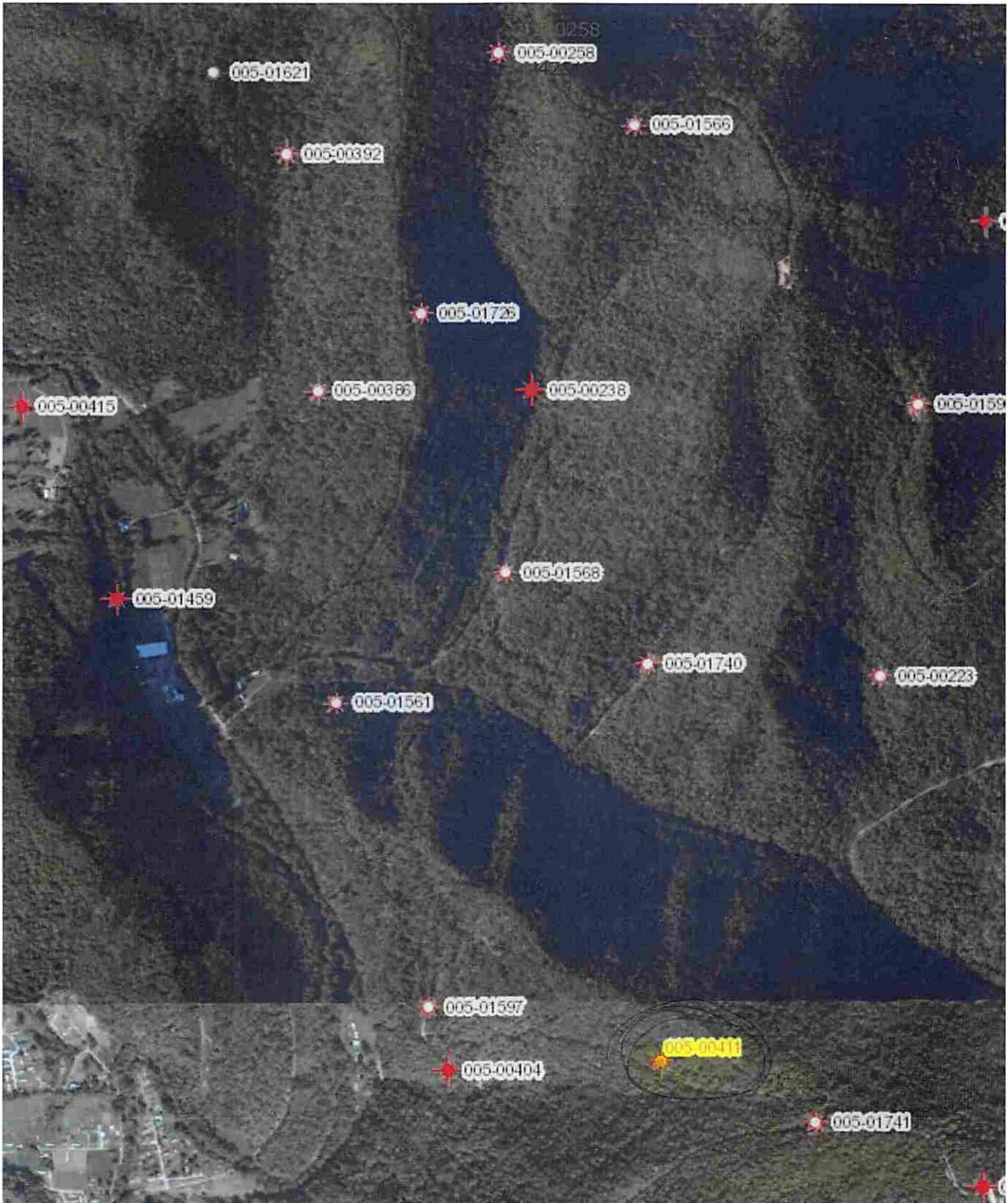
Title: Tropics Oil & Gas Date: 10.7.14
Field Reviewed? Yes No

Received
Office of Oil & Gas
OCT 20 2014

1" = 1135.5 FT



1" = 1135.5 FT



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-005-00411 WELL NO.: #8

FARM NAME: PFD

RESPONSIBLE PARTY NAME: NEW RIVER ENERGY, CORP

COUNTY: BOONE DISTRICT: WASHINGTON

QUADRANGLE: CLOTHIER 7.5

SURFACE OWNER: BOONE EAST DEVELOPMENT

ROYALTY OWNER: BOONE EAST DEVELOPMENT

UTM GPS NORTHING: 4205831.6

UTM GPS EASTING: 429571.8 GPS ELEVATION: 1523'

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 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
Title

7-29-14
Date

received
Office of Oil & Gas
OCT 20 2014