



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 24, 2015

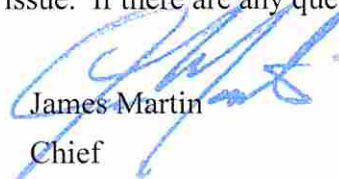
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-9500568, issued to TRIAD HUNTER, LLC, 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: BK-3
Farm Name: FERRELL, WILLIAM
API Well Number: 47-9500568
Permit Type: Plugging
Date Issued: 06/24/2015

Promoting a healthy environment.

06/26/2015

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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

CK # 001079
\$1000.00

9500568 P

- 1) Date March 15, 2015
- 2) Operator's
Well No. Wm. Ferrell # 2
- 3) API Well No. 47-095 - 0568

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

5) Location: Elevation Watershed Elk Fork
District Ellsworth County Tyler Quadrangle Porters Falls

6) Well Operator Triad Hunter LLC 7) Designated Agent Kimberly Arnold
Address 125 Putnam Street Address P.O. Box 154
Marietta, Ohio 45750 Waverly, WV

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Michael Goff Name
Address P.O. Box 134 Address
Pullman, WV 26421

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

(SEE ATTACHMENT)

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

Work order approved by inspector *Douglas A. ...* Date 4 APR 23 2015

Received
Office of Oil & Gas

06/26/2015

ELK FORK PLUGGING PROCEDURE

(2015)

1. Remove rods and tubing and clean hole to total depth.
2. Run tubing to the base of the shot hole and cement shot hole with 50 – 75 sacks of Class A Cement (**Bottom Hole Plug**).
3. Try to pull 5 3/16" or 4 7/8" casing. If unable to pull casing, set tubing just below casing string and pump a 100' Class A cement plug (**Casing Plug**).
4. MIRU wireline company; check depth of cement plug and cut / rip casing apart just below elevation depth. Pull casing OOH.
5. Run tubing to depth of casing cut and set a 100' Class A cement plug in annulus (**Cut Plug**). Pull tubing OOH.
6. Run wireline back in hole; check depth of cement plug and perforate the 6 1/4" or 6 5/8" casing @ 200 feet with 4-6 perforations.
7. Run tubing just below the perforations and circulate Class A Cement to surface. Pull tubing out of hole and top load hole with Class A Cement (**Surface Plug**).
8. Erect / Weld a 3' x 6" monument pipe to the existing casing. Load monument pipe with Class A Cement and attach an identification plate to the monument pipe containing the permit number of the well.
9. Remove service rig and all other supporting equipment including tanks, separator, and other production equipment.
10. Reclaim well site and lease road.

NOTE! Pump gel spacers between all cement plugs.

DLW
4-2-2015

Received
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APR 23 2015

06/26/2015

CK 001079
\$100⁰⁰

9500568P

WW-4A
Revised 6-07

1) Date: March 15, 2015
2) Operator's Well Number
Wm. Ferrell # 2

3) API Well No.: 47 - 095 - 0568

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Charles E. and Laura L. Friend</u>	Name <u>N/A</u>
Address <u>2638 Elk Fork Road</u>	Address _____
<u>Middlebourne, WV 26149</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Michael Goff</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 134</u>	Name <u>N/A</u>
<u>Pullman, WV 26421</u>	Address _____
Telephone <u>(304) 549-9823</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

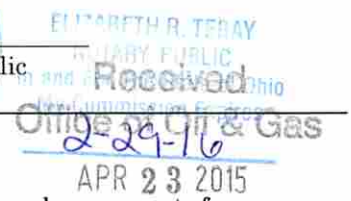
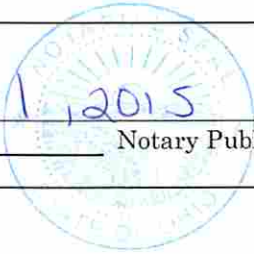
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 Triad Hunter LLC
 By: Rocky Roberts
 Its: Senior VP Appalachian Operations
 Address 125 Putnam Street
Marietta, Ohio 45750
 Telephone (740) 374-2940

Subscribed and sworn before me this 1st day of Apr: 1, 2015
Elizabeth L. Juby
 My Commission Expires 2-29-16
 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.

06/26/2015

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 APR 06 2015

7014 0150 0000 9042 0623

7014 0150 0000 9042 0623

PS Form 3800, August 2005 See Reverse for Instructions

Charles & Laura Friend
 Street, Apt. No., or PO Box No. 2638 Elk Fork Rd
 City, State, ZIP+4 Middlebourne, WV 26149

CR 001079
1000

(1 Well)

Wm Ferrell 2 - # 4 P# 47-095- 00568.

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Total Postage & Fees	\$

Postmark Here
 APR 06 2015

7014 0150 0000 9042 0623

PS Form 3800, August 2005 See Reverse for Instructions

Charles & Laura Friend
 Street, Apt. No., or PO Box No. 2638 Elk Fork Rd
 City, State, ZIP+4 Middlebourne, WV 26149

Received
Office of Oil & Gas
APR 23 2015

06/26/2015

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 Triad Hunter LLC OP Code 494494833

Watershed Elk Fork Quadrangle Porters Falls

Elevation _____ County Tyler District Ellsworth

Description of anticipated Pit Waste: saltwater, oil, freshwater

Will a synthetic liner be used in the pit? yes

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number UIC # 2D0859721)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

*PCW
4-2-2015*

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 *Rocky Roberts*

Company Official (Typed Name) Rocky Roberts

Company Official Title Senior VP Appalachian Operations

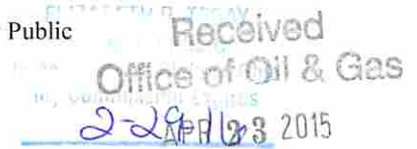
Subscribed and sworn before me this 1st day of April, 20 15

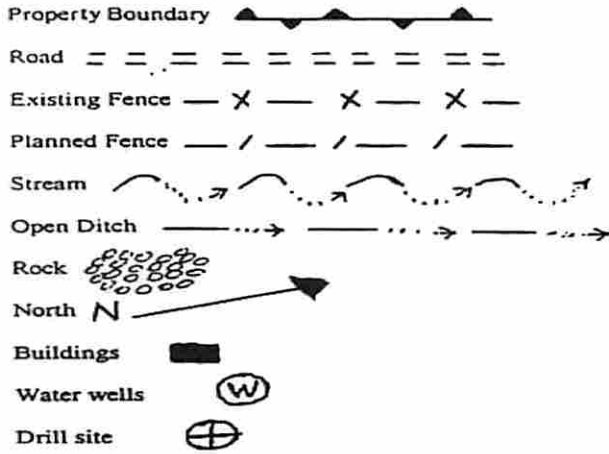
Elizabeth R. Seby



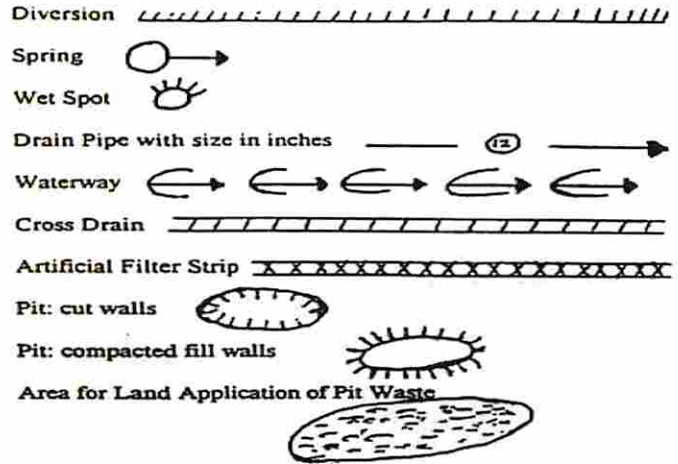
Notary Public

My commission expires 2-29-16





LEGEND



Proposed Revegetation Treatment: Acres Disturbed One +/- Prevegetation pH 5.5

Lime Two (2) Tons/acre or to correct to pH 6.5

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

Mulch 1 - 1.5 (50-75 bales) Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
Orchard Grass	30%		
Rye (Annual & BT)	35%		
Timothy (Climax)	25%		
Clover (Medium Red)	10%		

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Douglas Nemb

Comments: install ETS to wv Dep regulations

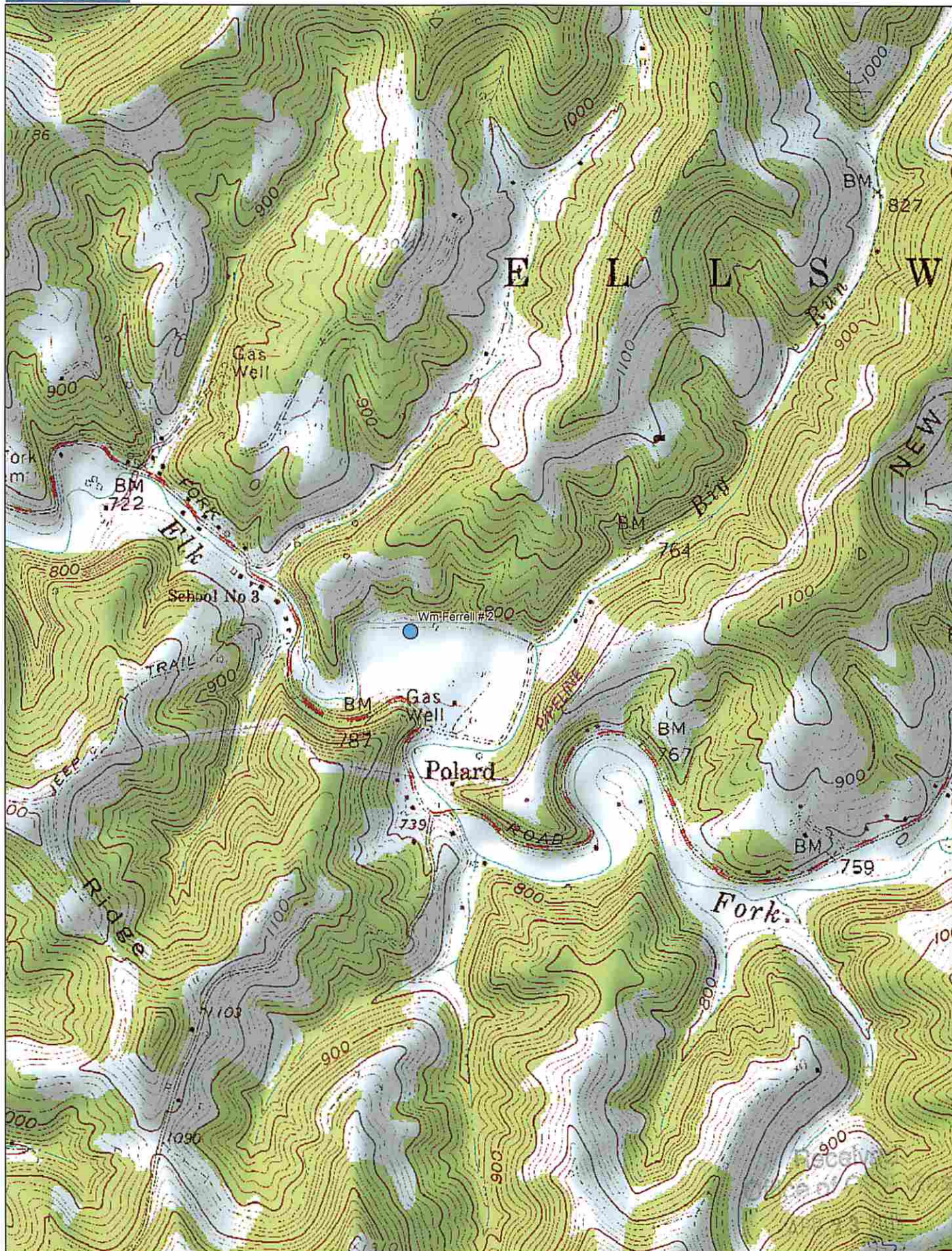
Title: O, I + Gas Inspector

Date: 4-2-2015

Field Reviewed? () Yes (/) No

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Office of Oil & Gas
APR 23 2015

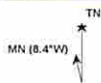
9500568A



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Scale 1 : 16,000



1" = 1,333.3 ft Data Zoom 13-6

06/26/2015

9500568P

WW-7
8-30-06



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

API: 47-095-00568 WELL NO.: 2

FARM NAME: Wm. Ferrell

RESPONSIBLE PARTY NAME: Triad Hunter, LLC

COUNTY: Tyler DISTRICT: Ellsworth

QUADRANGLE: Porters Falls

SURFACE OWNER: Charles E. & Laura L. Friend

ROYALTY OWNER: Shiben Estates, Inc.

UTM GPS NORTHING: 512977.9 4375239.7

UTM GPS EASTING: 4375239.7 512977.9 GPS ELEVATION: 762'

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.

Received
Office of Oil & Gas

Ben Smith
Signature

Geologist
Title

3/27/15 APR 23 2015
Date

06/26/2015

I
NOW

Operator: TRIAD HUNTER, LLC
API: 9500568
WELL No: BK-3
Reviewed by: gwm Date: 6/22/15
15 Day End of Comment: 04/28/15

* Well is on an Agreed Order.

CHECKLIST FOR FILING A PERMIT

Plugging

CK# 001079
\$100⁰⁰

- WW-4B
- Inspector signature on WW-4B
- Completion / Well Records of Previous Work
- WW-4A (Notarized)
- Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- Surface Owner Waiver
- Coal Owner / Lessee /Operator Waiver
- WW-9 (Page 1) (Notarized)
- Inspector Signature on WW-9 (Optional)
- Topographic Map of location of well
- WW-7

OR

- Mylar Plat (Surface owner on plat matches WW-4A)
- Bond
- Company is Registered with the SOS
- Worker's Compensation / Unemployment Insurance account is OK
- \$100.00 check (\$0.00 if no pit)

06/26/2015