



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

November 12, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-10300978, issued to HG ENERGY, 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: 3
Farm Name: GARNER, J. H.
API Well Number: 47-10300978
Permit Type: Plugging
Date Issued: 11/12/2014

Promoting a healthy environment.

11/14/2014

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

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.

WW-4B
Rev. 2/01

1) Date September 8, 2014
2) Operator's
Well No. JH Garner 3
3) API Well No. 47-101-0078

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 or Underground storage) Deep / Shallow

5) Location: Elevation 1089' Watershed Little Fishing Creek Run
District Proctor County Wetzel Quadrangle Pine Grove 7.5'

6) Well Operator HG Energy, LLC 7) Designated Agent Diane White
Address 5260 Dupont Road Address 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

8) Oil and Gas Inspector to be notified Name Derek Haught
Address P. O. Box 85
Smithville, WV 26178
9) Plugging Contractor Name To be Determined Upon Approval of Permit
Address _____

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

Casing: TD - 2882'

5 3/16" 2645'

6 5/8" 2036'

*PULL OR CUT 2" TUBING
SET PLUG ACROSS CUT (M.V. 100')*

Plug No. 1 - 2840' - 2550'

Free point rip & pull 5 3/16", est 2000'

Plug No. 2 - 2050' - 1950'

Free point cut & pull 6 5/8", est 800'

Plug No. 3 - 850' - 750'

Plug No. 4 - 425' - 325'

Plug No. 5 - 100' - 0'

6% gel between cement plugs

*CLASS A CEMENT WITH NO
MORE THAN 3% CaCl₂*

Received *COAL*

SEP 23 2014 *COAL*

Office of Oil and Gas
WV Dept. of Environmental Protection

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 9-15-14

Case No. 1873 H. O. & R. Co.
29974 Hope Acres 252

Farm Name J. H. Garner

Well No. 13-2

V. 13 S. E. W. 4 Location Made Purchased From H. O. & R. Co
Civil District Precor Rig Completed Date Purchased
County Wetzel Dr'g Commenced Sold To
State West Virginia Dr'g Completed 1-11-21 Date Sold
BAS Rights Owned By Dr'g Contractor Date Abandoned

FORMATION

CASING RECORD

Kind	Top	Bottom	Steel Line Measurement	Tests
Native Coal	368	373		
W. Town	720	725		
Pitts. Coal	815	817		
L. Dunkard	1175	1205		
B. Dunkard	1315	1338		
Gas Sand	1470	1485		
First Salt	1565	1585		
Second Salt	1810	1850		
Maxon	1905	1935		
Little Lime	1935	1942		
Pencil Cave	1942	1948		
B. Lime	1948	2015		
Big Injun	2015	2260		
Berea	2395	2510		
Jordan Stray	2833	2839		
Oil & Gas	2834	2836		
Jordan	2844	2866		
Oil & Gas	2859	2866		
Total	2882			

Size	Bottom Casing (Steel Line)	Put In Well (Tally Meas.)	Pulled (Tally Meas.)	Came
6-5/8		2036-6"		Date
5-3/16		2645-6"		Size Csg.
2" Tbg.		2888-11"		Top "
				Bot. "

PACKERS AND SHOES

Kind	Size	Depth Set	Date

TORPEDO RECORD

Date	No. Qts.	Size Shell	Top Shot	Bottom	Re
2-16-21	30		2858	2868	St
2-24-21	15		2834	2840	6-1
7-19-28	20		2859	2866	1-
8-10-28	30		2859	2866	3-
11-25-41	120		2858	2868	

DRILLING DEEPER

Commenced	Completed	Original Depth	Final Depth	Contr

ABANDONMENT RECORD

Filled With	From	To	PLUG	
			Size	Kind

Received

SEP 23 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Initial Prod.	Sand	★ At Completion	★ 30Days After	★
Oil				
Gas				

APPROVED

11/14/2014

WW-4A
Revised 6-07

1) Date: September 8, 2014
2) Operator's Well Number
J. H. Garner 3

3) API Well No.: 47 - 103 - 0978

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>Robert & Melissa Huggins</u>	Name _____
Address <u>14578 Mountaineer Highway</u>	Address _____
<u>New Martinsville, WV 26155</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Murray Coal</u>
_____	Address <u>46226 National Road</u>
_____	<u>St. Clairsville, OH 43950</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector	(c) Coal Lessee with Declaration
Address _____	Name _____
_____	Address _____
Telephone _____	_____

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	<u>HG Energy, LLC</u>
By:	<u>Diane White</u> <i>Diane White</i>
Its:	Agent
Address	<u>5260 Dupont Road</u>
	<u>Parkersburg, WV 26101</u>
Telephone	<u>304-420-1119</u>

Received
SEP 23 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 8th day of September
Tina L. Pethel Notary Public
My Commission Expires Nov. 12, 2018

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.

10300978P

7012 3460 0002 6850 6125

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Postage	\$ 1.40
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40



Sent To Robert & Melissa Huggins ✓
 Street, Apt. No., or PO Box No. 14578 Mountaineer Hwy
 City, State, ZIP+4 New Martinsville WV 26155
 PS Form 3800, August 2006 See Reverse for Instructions

7012 3460 0002 6850 6132

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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OFFICIAL USE

Postage	\$ 1.40
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40



Sent To Murray Coal ✓
 Street, Apt. No., or PO Box No. 46226 National Rd
 City, State, ZIP+4 St Clairsville OH 43950
 PS Form 3800, August 2006 See Reverse for Instructions

Received

SEP 23 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

11/14/2014

WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 103 - 0978
Operator's Well No. J. H. Garner 3

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 HG Energy, LLC OP Code 494497948
Watershed Carpenter Run Creek Quadrangle Pine Grove 7.5"
Elevation 1089' County Wetzel District Proctor

Description of anticipated Pit Waste: Fluids encountered in plugging subject well

Will a synthetic liner be used in the pit? Yes 20 M4

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

DMH
9-15-14

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 Diane White
Company Official (Typed Name) Diane White
Company Official Title Accountant

Received

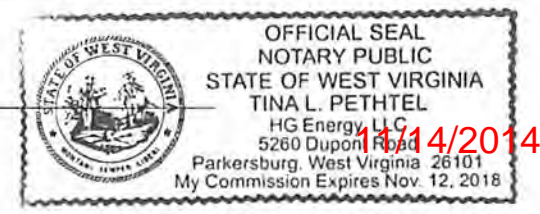
SEP 23 2014

Subscribed and sworn before me this 9th day of September, 20 14 WV Dept. of Environmental Protection

Tommy [Signature]

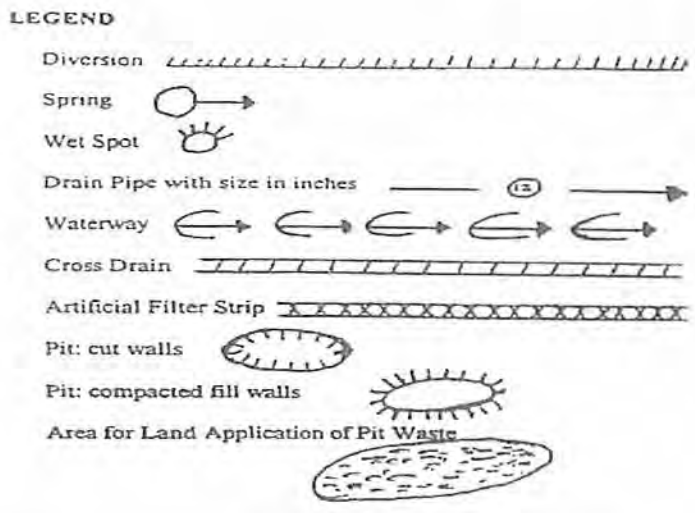
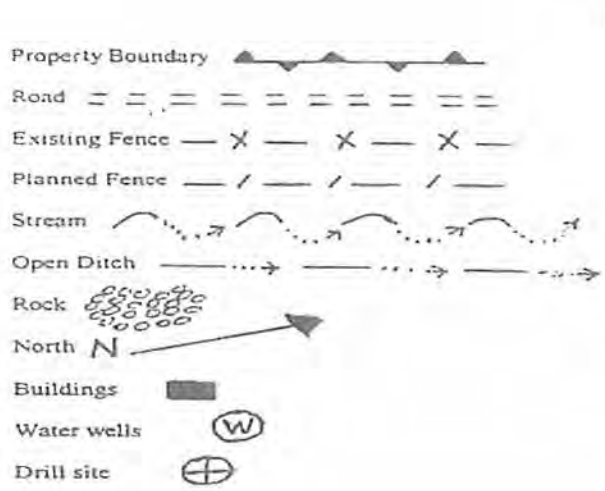
Notary Public

My commission expires NOV. 12, 2018



Form WW-9

Operator's Well No. JH Garner 3



Proposed Revegetation Treatment: Acres Disturbed .5 acres Prevegetation pH _____
 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 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	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.

Received

Plan Approved by: [Signature]

SEP 23 2014

Comments: _____

Office of Oil and Gas
WV Dept. of Environmental Protection

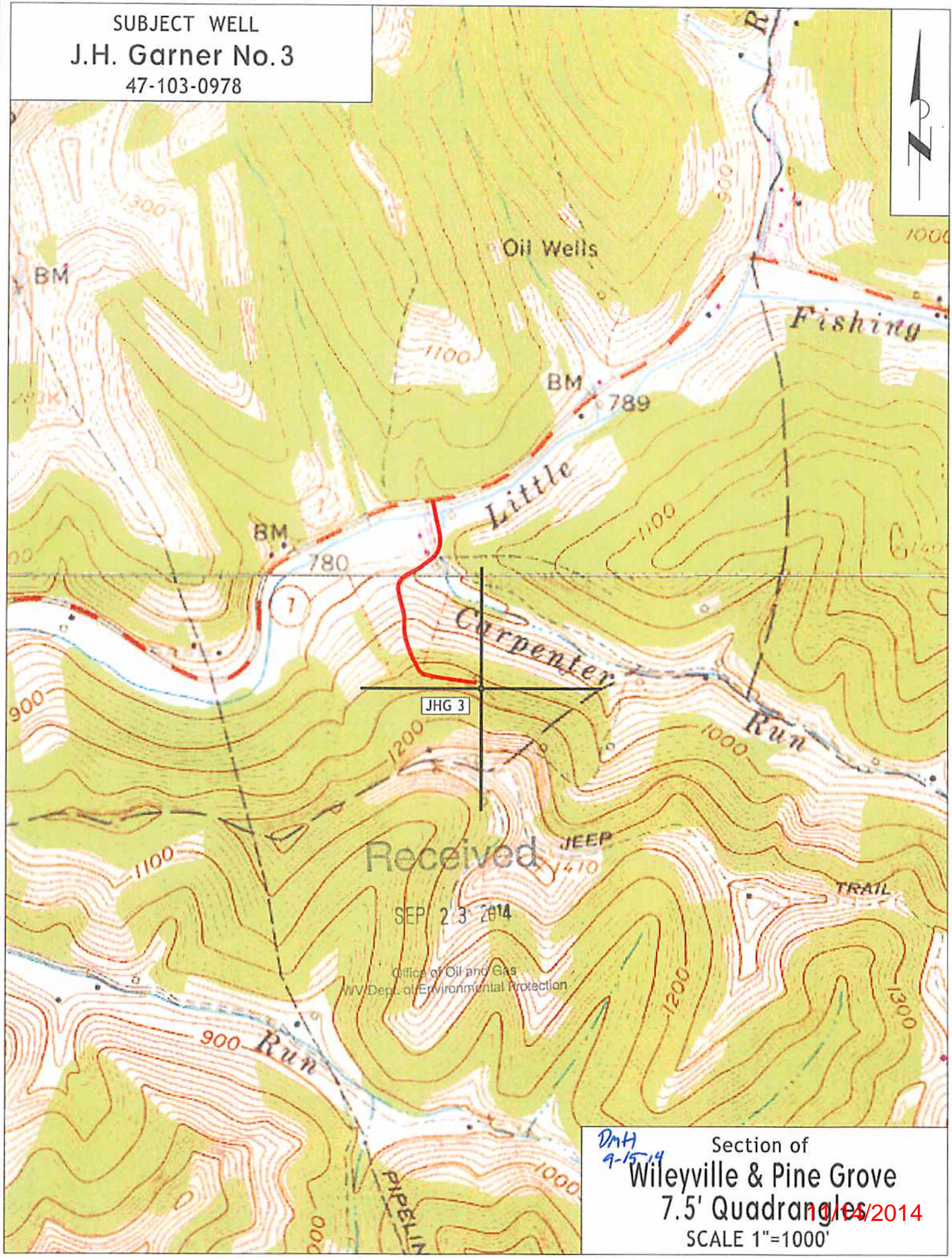
Title: Oil + Gas Inspector

Date: 9-15-14

Field Reviewed? () Yes () No

10300978P

SUBJECT WELL
J.H. Garner No. 3
47-103-0978



Received
SEP 23 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

DMH
9-15-14
Section of
Wileyville & Pine Grove
7.5' Quadrangles
10/15/2014
SCALE 1"=1000'



HG Energy, LLC
5260 Dupont Road
Parkersburg, WV 26101
(304) 420-1100 - Office
(304) 863-3172 - Fax

10300978 P

September 5, 2014

ck# 2757
\$100⁰²

Jeff McLaughlin
WVDEP
Division of Oil & Gas
601 57th Street
Charleston, West Virginia 25304

RE: J. H. Garner No. 3 (47-103-0978)
Proctor District, Wetzel County
West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-4(A), WW-4(B), WW-9, and WW-7, topo map, well record, copy of certified mailing receipt and a check in the amount of \$100.00 to cover the permit fee to plug and abandon the above-captioned well.

Very truly yours,

Diane White

Diane C. White

Enclosures

cc:

Robert & Melissa Huggins – Certified
Murray Coal Company - Certified
Derek Haught - Inspector

Received

SEP 23 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

11/14/2014