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

February 24, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3305540, issued to ANTERO RESOURCES BLUESTONE 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 penalities 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: R. HAUGHT SOUTH UNIT 1
Farm Name: HAUGHT, ROBERT J. & MARY P(
API Well Number: 47-3305540
Permit Type: Plugging
Date Issued: 02/24/2015

Promoting a healthy environment.

3305540P

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.

3305540P

WW-4B
Rev. 2/01

1) Date November 10, 2014
2) Operator's Well No. R. Haught South Unit 1
3) API Well No. 47- 033 - 05540

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 X or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 1060' Watershed Cherry Camp Run
District Tenmile County Harrison Quadrangle Salem

6) Well Operator Antero Resources Bluestone LLC
Address 1615 Wynkoop Street
Denver, CO 80202

7) Designated Agent CT Corporation System- Dianna Stamper
Address 5400 D Big Tyler Road
Charleston, WV 25313

8) Oil and Gas Inspector to be notified
Name Sam Ward
Address 601 57th Street, SE
Charleston, WV 25304

9) Plugging Contractor
Name N/A - Antero will plug well.
Address

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

*Conductor casing: 20" set to 40' KB - cemented to surface with Class A Cement on April 21, 2011.

Objective: Plug & Abandon Conductor - A plug from base of Conductor casing (40') will be set to within 3' of ground elevation (1060').

Procedure: Dig out around Conductor. Run 1" pipe to bottom of conductor and cement back to surface with Class A Cement @ 1.18 cu. ft./sk cement

Remove 1" pipe from conductor. ~~Weld dry hole cap, weld well name and API# on top of cap~~ - 3 feet below ground elevation. Back fill hole dug around conductor.

SDW

**Please note that the monument will comply with requirements outlined in CSR 34-5.5b

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WV Department 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 S. D. Wardell Date 11/14/2014

33055540P

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 11/11/2014
API #: 47-033-05540

Farm name: Haught, Robert J. & Mary Post et al Operator Well No.: R. Haught South Unit 1

LOCATION: Elevation: 1080' Quadrangle: Salem 7.5'

District: Tenmile County: Harrison
Latitude: 10,984' Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 12,325' Feet West of 80 Deg. 30 Min. 00 Sec.

Company: Antero Resources Corporation

Address: 1615 Wynkoop Street	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Denver, CO 80202	20" 94#	40'	40'	38 Cu. Ft. Grout
Agent: CT Corporation System				
Inspector: Sam Ward				
Date Permit Issued: 4/19/2011				
Date Well Work Commenced: 4/21/2011				
Date Well Work Completed: 4/21/2011				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary ☑ Cable ☐ Rig ☐				
Total Vertical Depth (ft): 40'				
Total Measured Depth (ft): 40'				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s) No				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)
Producing formation N/A Pay zone depth (ft) N/A
Gas: Initial open flow ___ MCF/d Oil: Initial open flow ___ Bbl/d
Final open flow ___ MCF/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests ___ Hours
Static rock Pressure ___ psig (surface pressure) after ___ Hours

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Second producing formation ___ Pay zone depth (ft) ___
Gas: Initial open flow ___ MCF/d Oil: Initial open flow ___ Bbl/d
Final open flow ___ MCF/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests ___ Hours
Static rock Pressure ___ psig (surface pressure) after ___ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments 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.

Ashli Steelo 11-11-14

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Were core samples taken? Yes_____ No X

Were cuttings caught during drilling? Yes_____ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

N/A- Only Conductor Set

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered: Top Depth / Bottom Depth
Surface:

N/A

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WW-4A
Revised 6-07

1) Date: November 10, 2014
2) Operator's Well Number
R. Haught South Unit 1

3) API Well No.: 47 - 033 - 05540

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Robert J. Haught & Mary Post et al
Address: 249 Stillhouse Rd
Salem, WV 26426

(b) Name
Address

(c) Name
Address

6) Inspector: Sam Ward
Address: 601 57th Street SE
Charleston, WV 25304
Telephone: 304-389-7583

5) (a) Coal Operator
Name
Address

(b) Coal Owner(s) with Declaration
Name: PLEASE SEE ATTACHMENT
Address

Name
Address

(c) Coal Lessee with Declaration
Name
Address

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.

KARA QUACKENBUSH
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20144028297
COMMISSION EXPIRES JULY

Well Operator: Antero Resources Corporation
By: Ward McNeilly
Its: Vice President of Engineering
Address: 1615 Wynkoop Street
Denver, CO 80202
Telephone: 303-357-7310

Subscribed and sworn before me this 11th day of November 2014
Kara Quackenbush Notary Public
My Commission Expires July 21, 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 depprivacyoffier@wv.gov.

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WW-4A Notice of Application to Plug and Abandon a Well Attachment:

Coal Owner, Operator, Lessee(s) with Declarations:

Operator: American Mountaineer Energy, Inc.
Address: 56854 Pleasant Ridge Road
Alledonia, OH 43902

Operator: American Mountaineer Energy, Inc.
Address: 29325 Chagrin Blvd, Suite 300
Pepper Pike, OH 44122

Operator: Consolidation Coal Company
Consol Energy, Inc., CNX Center
Engineering & Operations Support - Coa
Attn: Analyst
Address: 1000 Consol Energy Drive
Canonsburg, PA 15317

Coal Owner, Operator, Lessee(s) Previously Notified on Original Permit Application (NO DECLARATIONS FILED**):**

Owner: Robert J. Haught and
Mary Post, et al
Address: 249 Stillhouse Road
Salem, WV 26426

Owner: Charleston National Bank
c/o JP Morgan Chase Bank, NA
Attn: Sheldon F. Thompson, trustee
Address: 420 Throckmorton Suite 200
Fort Worth, TX 76102

Owner: Willis G. Tetrick, Jr., Maxwell Y.
Sutton & The Union National Bank of Clarksburg
c/o now JP Morgan Chase Bank, NA
Attn: Sheldon F. Thompson
Address: 420 Throckmorton Suite 200
Fort Worth, TX 76102

Owner: Guy Corporation
c/o Tetrick Mineral Properties
Attn: Denise Harris
Address: 92 16th Street, 2nd Floor
Wheeling, WV 26003

Owner: Willis G. Tetrick
Address: 92 16th Street, 2nd Floor
Wheeling, WV 26003

Owner: James M. Sutton
c/o Tetrick Mineral Properties
Attn: Denise Harris
Address: 92 16th Street, 2nd Floor
Wheeling, WV 26003

Owner: Jack A. Baldini, trustee
Address: 811 Poplar Street
Bridgeport, WV 26330

Owner: I.L. Morris & Mike Ross, Inc.
c/o Bowles Rice McDavid Graff & Love, PLLC
c/o Marc Monteleone
Address: P.O. Box 1386
600 Quarrier Street
Charleston, WV 25325

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CERTIFIED MAIL RECEIPT
R. HAUGHT SOUTH UNIT 1
WW-4A AND WW-4B NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL - TO SURFACE OWNER

Cut on dotted line.

Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

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Ship Date:	11/11/2014		
Expected Delivery Date:	11/15/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: ROBERT J. HAUGHT & MARY POST ET AL
249 STILLHOUSE RD
SALEM WV 26426-8618

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CERTIFIED MAIL RECEIPT
R. HAUGHT SOUTH UNIT 1
WW-4A AND WW-4B NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL - TO COAL OWNER, OPERATOR, LESSEE(S)

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From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: AMERICAN MOUNTAINEER ENERGY. INC.
56854 PLEASANT RIDGE RD
ALLEDONIA OH 43902-9716

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Expected Delivery Date:	11/14/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: AMERICAN MOUNTAINEER ENERGY, INC.
29325 CHAGRIN BLVD
STE 300
BEACHWOOD OH 44122-4600

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From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: CONSOLIDATION COAL CO CONSOL ENERGY. INC.
CNX CENTER ENGINEERING & OPS SUPPORT- COAL
1000 CONSOL ENERGY DR
ATTN: ANALYST
CANONSBURG PA 15317-6506

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1615 WYNKOOP ST
DENVER CO 80202-1106

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249 STILLHOUSE RD
SALEM WV 26426-8618

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Expected Delivery Date:	11/14/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: CHARLESTON NATIONAL BANK
C/O JP MORGAN CHASE BANK. NA
420 THROCKMORTON ST
STE 200
FORT WORTH TX 76102-3755

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Ship Date:	11/11/2014	(Electronic Rate)	
Expected Delivery Date:	11/14/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: WILLIS G. TETRICK. JR.. MAXWELL Y. SUTTON & THE
NATIONAL BANK OF CLARKSBURG
C/O NOW JP MORGAN CHASE BANK. NA
420 THROCKMORTON ST
STE 200
FORT WORTH TX 76102-3755

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Click-N-Ship® Label Record

Signature Confirmation™ :
9410 8036 9930 0061 9375 76

Trans. #:	315521470	Priority Mail® Postage:	$5.05
Print Date:	11/10/2014	Signature Confirmation: (Electronic Rate)	$2.35
Ship Date:	11/11/2014		
Expected Delivery Date:	11/14/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: GUY CORPORATION
C/O TETRICK MINERAL PROPERTIES
92 16TH ST
FL 2
WHEELING WV 26003-3660

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3305540P

CERTIFIED MAIL RECEIPT
R. HAUGHT SOUTH UNIT 1
WW-4A AND WW-4B NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL - TO COAL OWNER, OPERATOR, LESSEE(S)
(NO DECLARATION FILED)

Received
Office of Oil & Gas
NOV 12 2014

Cut on dotted line.

Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

Signature Confirmation™ :
9410 8036 9930 0061 9375 90

Trans. #:	315521470	Priority Mail® Postage:	$5.05
Print Date:	11/10/2014	Signature Confirmation: (Electronic Rate)	$2.35
Ship Date:	11/11/2014		
Expected Delivery Date:	11/14/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: WILLIS G. TETRICK
92 16TH ST FL 2
WHEELING WV 26003-3660

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Click-N-Ship® Label Record

Signature Confirmation™ :
9410 8036 9930 0061 9376 06

Trans. #:	315521470	Priority Mail® Postage:	$5.05
Print Date:	11/10/2014	Signature Confirmation:	$2.35
Ship Date:	11/11/2014	(Electronic Rate)	
Expected Delivery Date:	11/14/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: JAMES M SUTTON
C/O TETRICK MINERAL PROPERTIES
92 16TH ST
FL 2
WHEELING WV 26003-3660

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Click-N-Ship® Label Record

Signature Confirmation™ :
9410 8036 9930 0061 9376 13

Trans. #:	315521470	Priority Mail® Postage:	$5.05
Print Date:	11/10/2014	Signature Confirmation:	$2.35
Ship Date:	11/11/2014	(Electronic Rate)	
Expected Delivery Date:	11/15/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: JACK A. BALDINI. TRUSTEE
811 POPLAR ST
BRIDGEPORT WV 26330-1639

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Signature Confirmation™ :
9410 8036 9930 0061 9375 83

Trans. #:	315521470	Priority Mail® Postage:	$5.05
Print Date:	11/10/2014	Signature Confirmation: (Electronic Rate)	$2.35
Ship Date:	11/11/2014		
Expected Delivery Date:	11/14/2014	Total:	$7.40

From: ASHLIE STEELE
ANTERO RESOURCES
1615 WYNKOOP ST
DENVER CO 80202-1106

To: I.L. MORRIS & MIKE ROSS, INC. C/O BOWLES RICE
MCDAVID GRAFF & LOVE, PLLC
C/O MARC MONTELEONE
PO BOX 1386
600 QUARRIER STREET
CHARLESTON WV 25325-1386

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WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 033 - 05540
Operator's Well No. R. Haught South Unit 1

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 Antero Resources Bluestone LLC OP Code 494498521

Watershed Cherry Camp Run Quadrangle Salem

Elevation 1060' County Harrison District Tenmile

Description of anticipated Pit Waste: No pit will be used at this site (All fluids will be stored in tanks and either reused or hauled off site.)

Will a synthetic liner be used in the pit? N/A.

Proposed Disposal Method For Treated Pit Wastes:

_____ Land Application
_____ Underground Injection (UIC Permit Number _____)
X Reuse (at API Number Future permitted well locations when applicable. API# will be provided on Form WR-34)
X Off Site Dispposal (Meadowfill Landfill Permit #SWF-1032-98)
_____ Other (Explain _____

Proposed Work For Which Pit Will Be Used:

_____ Drilling _____ Swabbing
_____ Workover _____ Plugging
_____ Other (Explain _____

SDW
11/14/2014

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 _____

Company Official (Typed Name) Cole Kilstrom

Company Official Title Environmental Representative

MEGAN DARLING
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20144028112
MY COMMISSION EXPIRES JULY 17, 2018

Subscribed and sworn before me this 11th day of November, 20 14

Megan C. Darling Notory Public

My commission expires July 17, 2018

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NOV 17 2014
WV Department of
Environmental Protection

3305540P

Form WW-9

Operator's Well No. R. Haught South Unit 1

LEGEND

Property Boundary	Diversion
Road	Spring
Existing Fence	Wet Spot
Planned Fence	Drain Pipe with size in inches
Stream	Waterway
Open Ditch	Cross Drain
Rock	Artificial Filter Strip
North N	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	

(Approximate Disturbed Acreage: Existing Pad 1.46 + Existing Topsoil/Excess Material 0.53 + Existing Access Road 0.27 + Existing Fresh Water Impoundment 1.98 + Existing Additional Clearing 1.73 = 5.97 Existing Acres)

Proposed Revegetation Treatment: Acres Disturbed 0.00 (Existing 5.97) Prevegetation pH _____

Lime 2-3 Tons/acre or to correct to pH 6.5

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

Mulch 2-3 Tons/acre (Chopped Straw or Wood Fiber Hydro mulch at rate of 30 bales per acre

Seed Mixtures

Area I Seed Type	lbs/acre	Area II Seed Type	lbs/acre
Annual Rye Grass	40	Fox Tail/Greassy	40
		Perennial Rye	30
		Crown Vetch	20
*or type of grass seed requested by surface owner		*or type of grass seed requested by surface owner	

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

Photocopied section of involved 7.5' topographic sheet.

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NOV 17 2014
WV Department of
Environmental Protection

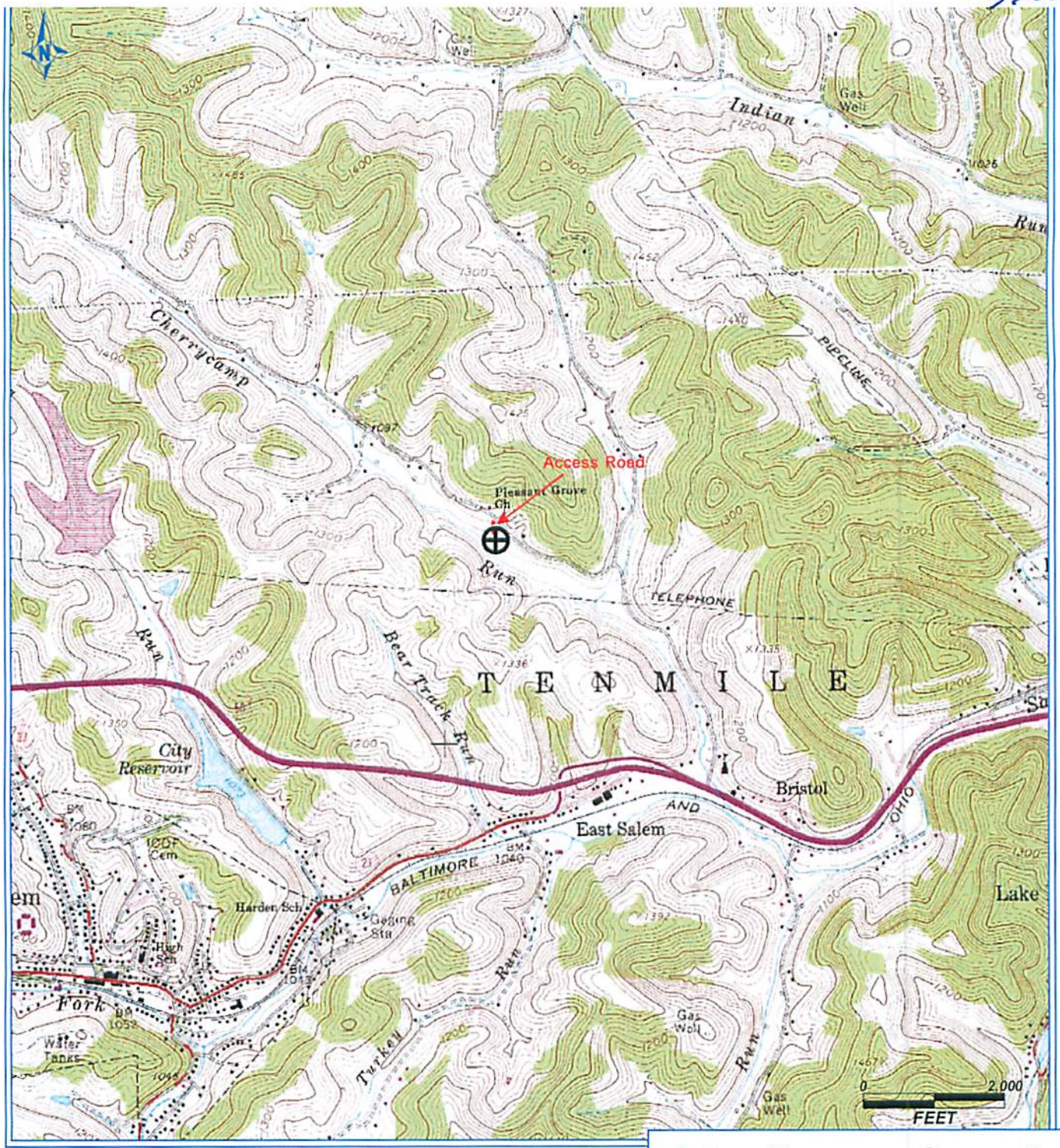
Plan Approved by: [signature]

Comments: _____

Title: 11/14/2014 Date: 11/14/2014

Field Reviewed? (____) Yes (X) No

3305540P



PETRA 3/25/2011 2:38:29 PM

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Office of Oil & Gas
NOV 12 2014

Antero Resources Corporation

APPALACHIAN BASIN

R Haught South Unit 1

Harrison County

0 2,000 4,000
FEET

REMARKS

QUADRANGLE: SALEM
WATERSHED: INDIAN RUN
DISTRICT: TENMILE

Date: 3/25/11

3305540P

WW-7
8-30-06

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

API: 47-033-05540-00 WELL NO.: R Haugh South Unit 1

FARM NAME: Post, Mary, et al

RESPONSIBLE PARTY NAME: Antero Resources Corporation

COUNTY: Harrison DISTRICT: Tenmile

QUADRANGLE: Salem 7.5'

SURFACE OWNER: Mary Post, et al

ROYALTY OWNER: Haught Family Trust

UTM GPS NORTHING: 4350124.16

UTM GPS EASTING: 539789.33 GPS ELEVATION: 1066'

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 X : Post Processed Differential X

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.

Ashlei Steele — Signature
Permitting Supervisor — Title
12/30/2014 — Date

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Office of Oil and Gas
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WV Department of
Environmental Protection

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Office of Oil & Gas
NOV 12 2014

Antero Resources
1615 Wynkoop Street
Denver, CO 80202
Office 303.357.7310
Fax 303.357.7315

November 11, 2014

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Ms. Laura Cooper
601 57th Street
Charleston, WV 25304

RE: R. Haught South Unit 1 (API# 47-033-05540-00)

Ms. Laura Cooper:

Antero Resources Bluestone LLC (Antero) would like to submit the following application for a permit to plug and abandon the subject well located on the existing Mary Post pad.

Attached you will find the following:

- Copy of the submitted interim Completion Report (Form WR-35)
- Permit Application package

If you have any questions please feel free to contact me at (303) 357-7323.

Thank you in advance for your consideration.

Sincerely,

Ashlie Steele

Ashlie Steele
Permitting Supervisor
Antero Resources Bluestone LLC

Enclosures