

# Commercial/Industrial Floodplain Development Permit

## Doddridge County, WV Floodplain Management

This permit has been issued to ANTERO RESOURCES , and is for the approved commercial and/or industrial development project associated with this permit that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible, and must remain posted during entirety of development.

### Permit: #14-233 Cofor Pipeline

**Date Approved: 07/10/2014**

**Expires: N/A**

**Issued to: ANTERO RESOURCES**

**POC: Emily Kijowski  
303-357-7232**

**Company Address: 1615 WYNKOOP ST  
DENVER, CO**

**Project Address: Central District**

**Lat/Long: 39.299866N/80.800298W to 39.304134N/80.816181W**

**Purpose of development: Cofor Pipeline**

**Issued by: Edwin L. "Bo" Wriston, Doddridge County FPM (or designee)**

**Date: 07/10/2014**

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For additional information regarding this permit, please contact  
Doddridge County Floodplain Manager at 304.873.2631, or via email at  
doddridgecountyfpm@gmail.com  
118 East Court Street; West Union, WV 26456

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Legal Advertisement:  
Doddridge County  
Floodplain Permit Application

Please take notice that on the 27<sup>th</sup> day of June, 2014

**Antero Resources**

filed an application for a Floodplain Permit to develop land located at or about:

**Central District, Cofor Well Pad to Rock Run Well Pad  
39.299866N / 80.800298W TO 39.304134N / 80.816181W**

**Permit #14-233 Cofor Pipeline**

(Note: This project is not within the floodplain)

The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. As this project is outside the FEMA identified floodplain of Doddridge County, Doddridge County Floodplain Management has no regulatory authority.

Any interested persons who desire to comment shall present the same in writing by **August 4, 2014**, delivered to:

Clerk of the County Court  
118 E. Court Street, West Union, WV 26456  
Beth A Rogers, Doddridge County Clerk  
Edwin L. "Bo" Wriston. Doddridge County Flood Plain Manager

#14-233

FILED

2015 JUN 27 PM 12: 57

DODDRIDGE COUNTY, WV



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

June 25, 2014

Doddridge County Commission  
Attn: Bo Wriston, Doddridge County Floodplain Manager  
118 East Court Street, Room 102  
West Union, WV 26456

Mr. Wriston:

Antero Resources Corporation (Antero) would like to submit a Doddridge County Floodplain permit application for our Cofor Pipeline project. The proposed project consists of a steel pipeline located near the town of West Union in Doddridge County, West Virginia. The 1.26 mile pipeline will be buried below the ground surface and will utilize two existing access roads during the installation of the pipeline. Per the FIRM Maps 54017C0115C and 54017C0120C the WV Flood Tool Map, the Cofor Pipeline project is located entirely out of the floodplain.

Attached you will find the following:

- Doddridge County Floodplain Permit Application
- Surface and Adjacent Land Owner Information
- Project Description Letter – Signed and Stamped by PE
- WV Flood Tool Map
- FIRM Map and Design pages

If you have any questions please feel free to contact me at (303) 357-7232.

Thank you in advance.

Sincerely,

A handwritten signature in cursive script that reads "Emily Kijowski".

Emily Kijowski  
Permit Representative  
Antero Resources Corporation

Enclosures

*General Assistant*



Kleinfelder, Inc.  
230 Executive Drive, Suite 122  
Cranberry Township, PA 16066

June 23, 2014

Mr. Bo Wriston  
Floodplain Coordinator  
Doddridge County Commission  
118 East Court Street  
West Union, WV 26456

Re: Doddridge County Floodplain Development Permit Application  
Cofor Well Pad to Rock Run Well Pad Project (Cofor Pipeline)  
Doddridge County, West Virginia  
Antero Midstream LLC

Dear Mr. Wriston:

Antero Midstream LLC (Antero) is proposing to install 1.26-miles of steel, natural gas pipeline near the town of West Union in Doddridge County, West Virginia at coordinates 39.299866°, -80.800298° for the eastern terminus of the line and 39.304134°, -80.816181° for the western terminus of the line. The proposed Cofor Pipeline will be buried below the ground surface using conventional open cut pipeline construction methods. Existing access roads will be utilized to construct the proposed pipeline.

Kleinfelder biologists conducted stream and wetland investigations and habitat assessments on June 6, 2014 and June 9, 2014 to identify streams and wetlands within a 74.01-acre area of interest (AOI) surrounding the proposed pipeline. Additionally, a portion of the AOI was previously delineated by AllStar Ecology, LLC during October 2013 and February 2014 as part of the Cofor Well Pad and Rock Run Well Pad Projects. During the site reviews, five (5) features were observed within the AOI consisting of one (1) perennial stream, two (2) intermittent streams, one (1) ephemeral stream and one (1) palustrine emergent wetland.

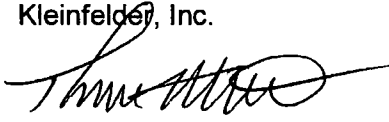
Based on the engineered design plans, the installation of the Cofor Pipeline will result in impacts to one jurisdictional feature (Stream 2) within the AOI.

No part of the Cofor Pipeline and access road(s) for construction will cross a designated Federal Emergency Management Administration regulated flood zone according to FIRM Maps #54017C0115C and #54017C0120C within Doddridge County. Following completion of construction activities, the right-of-way will be restored to pre-construction contours.

Directions to the Site: From West Union, WV: Head south on Neely Avenue toward West Main Street. Turn right onto West Main Street. Make a slight left onto Old U.S. 50 West. Make a slight right onto Tunnel Hill Road and continue for approximately 1.2 miles. The eastern most existing access road for the proposed project will be on the right.

We appreciate your timely review of these materials. Please contact me at (724) 831-5129 with any questions or concerns.

Respectfully submitted,  
Kleinfelder, Inc.



Thomas Woodrow, PE  
Senior Project Manager

Attachments



# DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

## SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit will expire if no work is commenced within six months of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
8. **I, THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.**

APPLICANT'S SIGNATURE \_\_\_\_\_



DATE June 25, 2014

## SECTION 2: PROPOSE DEVELOPMENT (TO BE COMPLETED BY APPLICANT).

**IF THE APPLICANT IS NOT A NATURAL PERSON, THE NAME, ADDRESS, AND TELEPHONE NUMBER OF A NATURAL PERSON WHO SHALL BE APPOINTED BY THE APPLICANT TO RECEIVE NOTICE PURSUANT TO ANY PROVISION OF THE CURRENT DODDRIDGE COUNTY FLOODPLAIN ORDINANCE.**

APPLICANT'S NAME: Antero Midstream LLC - Randy Kloberdanz

ADDRESS: 1615 Wynkoop Street, Denver, CO 80202

TELEPHONE NUMBER: Contact Emily Kijowski: (303)-357-7232

**BUILDER'S NAME:** Antero Midstream LLC  
**ADDRESS:** 1615 Wynkoop Street, Denver, CO 80202  
**TELEPHONE NUMBER:** (303)-357-7310

**ENGINEER'S NAME:** Kleinfelder, Inc.  
**ADDRESS:** 230 Executive Drive, Suite 122, Cranberry Township, PA 16066  
**TELEPHONE NUMBER:** (724)-772-7072

**PROJECT LOCATION:**

**NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)** Please see Property Owner Table  
**ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)** Please see Property Owner Table  
**DISTRICT:** \_\_\_\_\_  
**DATE/FROM WHOM PROPERTY PURCHASED:** \_\_\_\_\_  
**LAND BOOK DESCRIPTION:** Please see Property Owner Table  
**DEED BOOK REFERENCE:** Please see Property Owner Table  
**TAX MAP REFERENCE:** Please see Property Owner Table  
**EXISTING BUILDINGS/USES OF PROPERTY:** None  
**NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY** Please see Property Owner Table  
**ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY** \_\_\_\_\_

To avoid delay in processing the application, please provide enough information to easily identify the project location.

**DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)**

**A. STRUCTURAL DEVELOPMENT**

**ACTIVITY**

**STRUCTURAL TYPE**

- |                                     |                         |                          |                                  |
|-------------------------------------|-------------------------|--------------------------|----------------------------------|
| <input checked="" type="checkbox"/> | New Structure           | <input type="checkbox"/> | Residential (1 – 4 Family)       |
| <input type="checkbox"/>            | Addition                | <input type="checkbox"/> | Residential (more than 4 Family) |
| <input type="checkbox"/>            | Alteration              | <input type="checkbox"/> | Non-residential (floodproofing)  |
| <input type="checkbox"/>            | Relocation              | <input type="checkbox"/> | Combined Use (res. & com.)       |
| <input type="checkbox"/>            | Demolition              | <input type="checkbox"/> | Replacement                      |
| <input type="checkbox"/>            | Manufactured/Mobil Home |                          |                                  |

**B. OTHER DEVELOPMENT ACTIVITIES:**

- Fill             Mining             Drilling             Pipelining
- Grading
- Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- Watercourse Altercation (including dredging and channel modification)
- Drainage Improvements (including culvert work)
- Road, Street, or Bridge Construction
- Subdivision (including new expansion)
- Individual Water or Sewer System
- Other (please specify)
- 

**C. STANDARD SITE PLAN OR SKETCH**

1. **SUBMIT ALL STANDARD SITE PLANS, IF ANY HAVE BEEN PREPARED.**
2. **IF STANDARD SITE PLANS HAVE NOT BEEN PREPARED:**  
SKETCH ON A SEPARATE 8 ½ X 11 INCH SHEET OF PAPER THE SHAPE AND LOCATION OF THE LOT. SHOW THE LOCATION OF THE INTENDED CONSTRUCTION OR LAND USE INDICATING BUILDING SETBACKS, SIZE & HEIGHT. IDENTIFY EXISTING BUILDINGS, STRUCTURES OR LAND USES ON THE PROPERTY.
3. **SIGN AND DATE THE SKETCH.**

**ACTUAL TOTAL CONSTRUCTION COSTS OF THE COMPLETE DEVELOPMENT IRRESPECTIVE OF WHETHER ALL OR ANY PART OF THE SUBJECT PROPOSED CONSTRUCTION PROJECT IS WITHIN THE FLOODPLAIN \$ N/A - Location is not within the floodplain**

**D. ADJACENT AND/OR AFFECTED LANDOWNERS:**



**1. NAME AND ADDRESS OF ALL OWNERS OF SURFACE TRACTS ADJACENT TO THE AREA OF THE SURFACE TRACT (UP & DOWN STREAM) UPON WHICH THE PROPOSED ACTIVITY WILL OCCUR AND ALL OTHER SURFACE OWNERS UP & DOWN STREAM) WHO OWN PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY (IF ONE HAS BEEN COMPLETED).**

NAME: Please see Property Owner Table

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

**1. NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON ANY ADJACENT PROPERTY AT THE TIME THE FLOODPLAIN PERMIT APPLICATION IS FILED AND THE NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN ANY HOME ON ANY PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY.**

NAME: N/A-No properties sharing an

ADDRESS: immediate and common boundary  
up or down stream due to the  
location not being in floodplain

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

**E. CONFIRMATION FORM**

THE APPLICANT ACKNOWLEDGES, AGREES, AND CONFIRMS THAT HE/IT WILL PAY WITHIN 30 DAYS OF RECEIPT OF INVOICE BY THE COUNTY FOR ALL EXPENSES RELATIVE TO THE PERMIT APPLICATION PROCESS GREATER THAN THE REQUIRED DEPOSIT FOR EXPENSES INCLUDING:

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.

**Property Owner Table - Doddridge County**

**Antero Midstream LLC - Cofor Well Pad to Rock Run Well Pad Project (Cofor Pipeline)**

Property Owner Name	Mailing Address	Parcel ID	Deed Book Reference	Land Book Description
<b>HOST PROPERTIES - OUTSIDE FLOODPLAIN</b>				
George D. Lambert	12 Townridge AC. Mullens WV 25882	1-4-33	Book 288, Page 44	Arnolds Creek 37.51 Acres (Parcel A) Rt. 11
George D. & Steve Lambert	12 Townridge AC. Mullens WV 25882	1-7-4	Book 270, Page 158	Arnolds Creek 11.8 AC OFF RT 11
George D. & Steve Lambert	12 Townridge AC. Mullens WV 25882	1-7-17	Book 270, Page 158	Arnolds Creek 9.6 AC OFF RT 11
George D. & Steve Lambert	12 Townridge AC. Mullens WV 25882	1-7-18	Book 270, Page 158	Arnolds Creek 18 AC OFF RT 11
Coastal Forest Resources	P.O. Box 709 Buckhannon WV 26201	8-11-1	Book 260, Page 135	Brush Run of M I Creek 238.44 AC OFF OLD RT. 50
Coastal Forest Resources	P.O. Box 709 Buckhannon WV 26201	1-7-19	Book 260, Page 135	Long Run of Arnolds CK 60 AC RT 11 OVER 8
Coastal Forest Resources	P.O. Box 709 Buckhannon WV 26201	8-11-12	Book 260, Page 135	Brush Run 102 AC OFF OLD RT. 50

- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.
- (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.

NAME (PRINT): Randy Klobberdanz

SIGNATURE: RK DATE: 6/25/14

After completing SECTION 2, APPLICANT should submit form to Floodplain Administrator/Manager or his/her representative for review.

**SECTION 3: FLOODPLAIN DETERMINATION (to be completed by Floodplain Administrator/Manager or his/her representative)**

**THE PROPOSED DEVELOPMENT:**

THE PROPOSED DEVELOPMENT IS LOCATED ON:

FIRM Panel: \_\_\_\_\_

Dated: \_\_\_\_\_

Is **NOT** located in a Specific Flood Hazard Area (Notify applicant that the application review is complete and **NO FLOODPLAIN DEVELOPMENT PERMIT IS REQUIRED**).

Is located in Special Flood Hazard Area.  
 FIRM zone designation \_\_\_\_\_  
 100-Year flood elevation is: \_\_\_\_\_ NGVD (MSL)

Unavailable

The proposed development is located in a floodway.  
 FBFM Panel No. \_\_\_\_\_ Dated \_\_\_\_\_

See section 4 for additional instructions.

SIGNED \_\_\_\_\_

DATE \_\_\_\_\_

**SECTION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by Floodplain Administrator/Manager or his/her representative)**

The applicant must submit the documents checked below before the application can be processed.

- A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.
  
- Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including basement or crawl space), types of water resistant materials used below the first floor, details of flood proffing of utilities located below the first floor and details of enclosures below the first floor. Also \_\_\_\_\_  
\_\_\_\_\_
  
- Subdivision or other development plans (If the subdivision or development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).
  
- Plans showing the extent of watercourse relocation and/or landform alterations.
  
- Top of new fill elevation \_\_\_\_\_ Ft. NGVD (MSL).  
For floodproofing structures applicant must attach certification from registered engineer or architect.
  
- Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in any increase in the height of the 100-year flood. A copy of all data and calculations supporting this finding must also be submitted.
  
- Manufactured homes located in a floodplain area must have a West Virginia Contractor's License and a Manufactured Home Installation License as required by the Federal Emergency Management Agency (FEMA).

Other:

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**SECTION 5: PERMIT DETERMINATION (To be completed by Floodplain Administrator/Manager or his/her representative)**

I have determined that the proposed activity **(type is or is not)** in conformance with provisions of the Floodplain Ordinance adopted by the County Commission of Doddridge County on May 21, 2013. The permit is issued subject to the conditions attached to and made part of this permit.

SIGNED \_\_\_\_\_ DATE \_\_\_\_\_

If the Floodplain Administrator/Manager found that the above was not in conformance with the provisions of the Doddridge County Floodplain Ordinance and/or denied that application, the applicant may complete an appealing process below.

APPEALS: Appealed to the County Commission of Doddridge County?  Yes  No

Hearing Date: \_\_\_\_\_

County Commission Decision - Approved  Yes  No

CONDITIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued).**

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application).

COMPLETE 1 OR 2 BELOW:

- 1 Actual (As-Built) Elevation of the top of the lowest floor (including basement or crawl space is \_\_\_\_\_ FT. NGVD (MSL)
- 2 Actual (As Built) elevation of floodproofing is \_\_\_\_\_ FT. NGVD (MSL)

**Note:** Any work performed prior to submittal of the above information is at risk of the applicant.

**SECTION 7: COMPLIANCE ACTION (To be completed by the Floodplain Administrator/Manager or his/her representative).**

The Floodplain Administrator/Manager or his/her representative will complete this section as applicable based on inspection of the project to ensure compliance with the Doddridge County Floodplain Ordinance.

**INSPECTIONS:**

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
DEFICIENCIES ?      Y/N

**COMMENTS** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SECTION 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain Administrator/Manager or his/her representative).**

Certificate of Compliance issued: DATE: \_\_\_\_\_ BY: \_\_\_\_\_

**CERTIFICATE OF COMPLIANCE  
FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA  
(OWNER MUST RETAIN)**

**PERMIT NUMBER:** \_\_\_\_\_

**PERMIT DATE:** \_\_\_\_\_

**PURPOSE –**

**CONSTRUCTION LOCATION:** \_\_\_\_\_

**OWNER'S ADDRESS:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

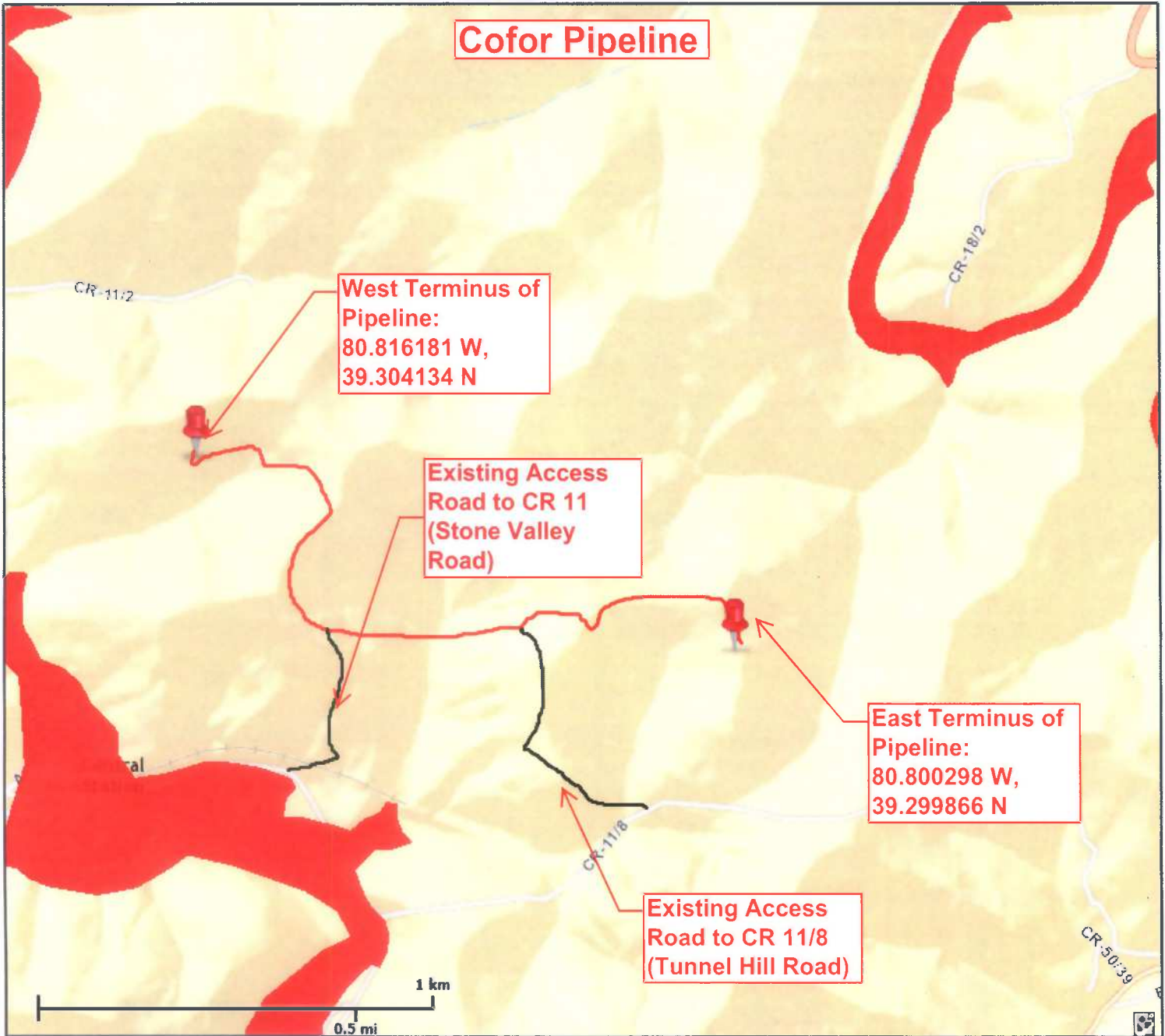
**THE FOLLOWING MUST BE COMPLETED BY THE FLOODPLAIN  
ADMINISTRATOR/MANAGER OR HIS/HER AGENT.**

**COMPLIANCE IS HEREBY CERTIFIED WITH THE REQUIREMENT OF THE  
FLOODPLAIN ORDINANCE ADOPTED BY THE COUNTY COMMISSION OF  
DODDRIDGE COUNTY ON MAY 21, 2013.**

**SIGNED** \_\_\_\_\_ **DATE** \_\_\_\_\_

# WV Flood Map

## Cofor Pipeline



This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

Map Created on 6/24/2014



Location of the mouse click



**Flood Hazard Zone**  
(1% annual chance floodplain)

### User Notes:

### Disclaimer:

The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at [www.msc.fema.gov](http://www.msc.fema.gov).

WV Flood Tool is supported by FEMA, WV NFIP Office, and WV GIS Technical Center  
(<http://www.MapWV.gov/flood>)

### Flood Hazard Area:

Elevation: N/A

Location (long, lat):

Location (UTM 17N):

FEMA Issued Flood Map:

Contacts:

CRS Information:

Parcel Number:



STATE OF WEST VIRGINIA,  
COUNTY OF DODDRIDGE, TO WIT

I, Virginia Nicholson, Editor of THE  
HERALD RECORD, a weekly newspaper  
published regularly, in Doddridge County,  
West Virginia, Do Hereby Certify  
That the Accompanying Legal Notice  
Entitled:

..... Floodplain Permit .....  
..... Color Well pad - Rock Run .....  
..... # 14-233 .....  
.....

was published in said paper for ... 2 .....

successive weeks beginning with the issue  
of ..... July 15<sup>th</sup> ..... 2014 and  
ending with the issue of

..... July 22<sup>nd</sup> ..... 2014 and

that said notice contains ... 189 .....

WORD SPACE at ... 115 ..... cents a word

amounts to the sum of \$ ... 21.74 .....

FOR FIRST PUBLICATION, SECOND  
PUBLICATION IS 75% OF THE FIRST  
PUBLICATION

\$ ... 16.31 .....  
and each publication thereafter

\$ ... 38.05 ..... TOTAL

EDITOR

..... Virginia Nicholson .....

SWORN TO AND SUBSCRIBED

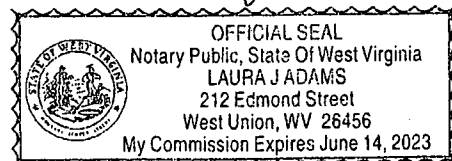
BEFORE ME THIS THE ... 24<sup>th</sup> ... DAY

OF ... July ... 2014

NOTARY PUBLIC

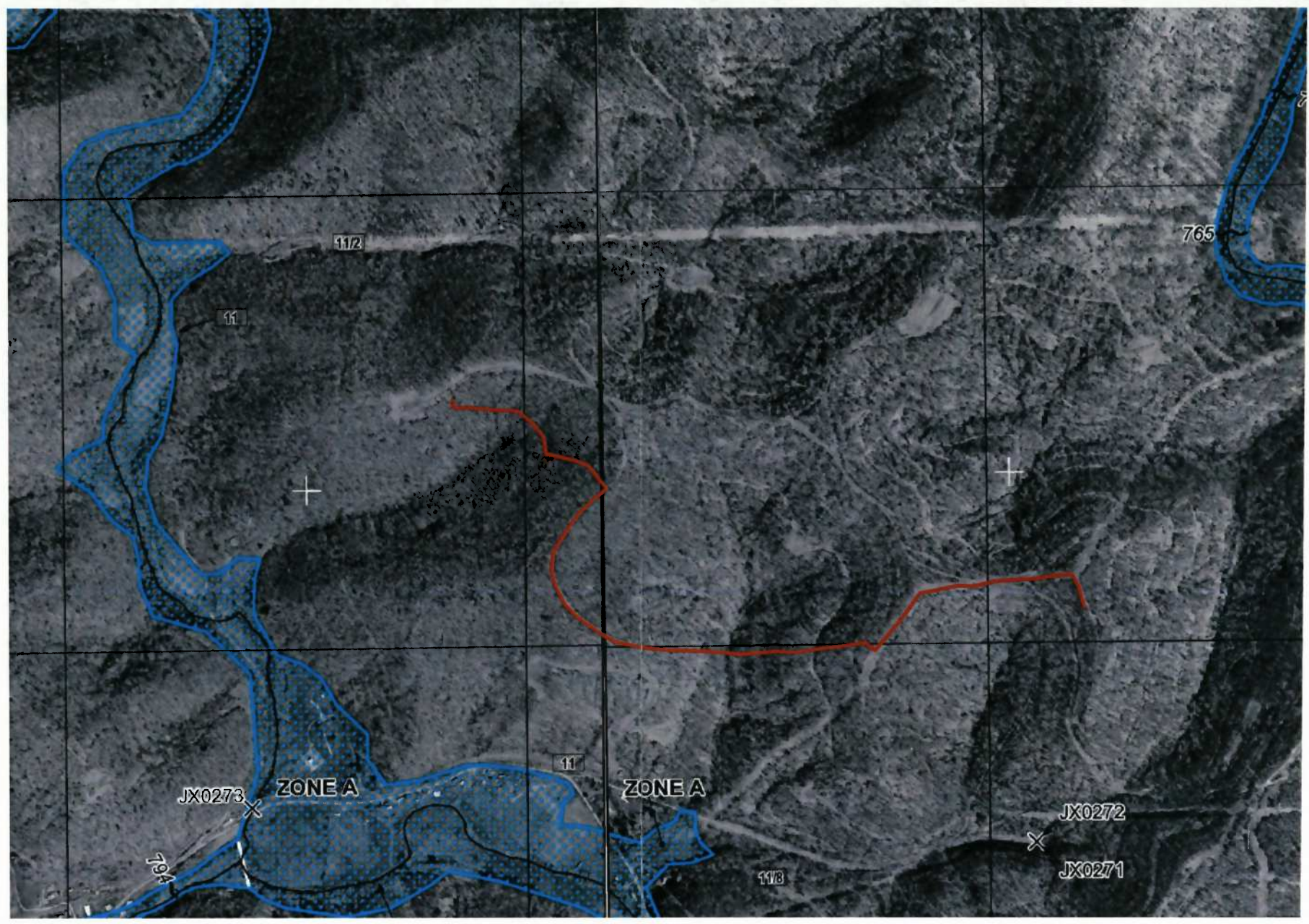
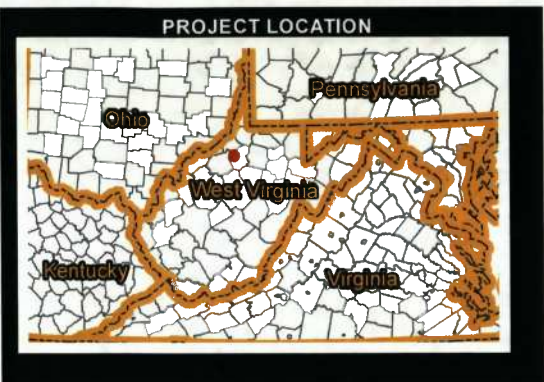
..... Laura J Adams .....

LEGAL ADVERTISEMENT  
Doddridge County  
Floodplain Permit Application  
Please take notice that on the 27th day of June, 2014  
Antero Resources filed an application for a Floodplain  
Permit to develop land located at or about, Central  
District, Color Well Pad to Rock Run Well Pad  
39.299866N/80.800298W TO 39.304134N/80.816181W  
Permit #14-233 Color Pipeline (Note: This project is not  
within the floodplain)  
The Application is on file with the Clerk of the County  
Court and may be inspected or copied during regular  
business hours. As this project is outside the FEMA  
identified floodplain of Doddridge County, Doddridge  
County Floodplain Management has no regulatory  
authority. Any interested persons who desire to comment  
shall present the same in writing by August 4, 2014.  
Delivered to the:  
Clerk of the County Court  
118 E. Court Street, West Union, WV 26456  
Beth A. Rogers, Doddridge County Clerk  
Edwin L. "Bo" Wriston, Doddridge County Floodplain  
Manager  
7-15-2xb





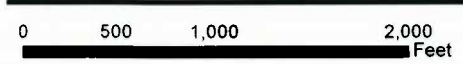
**COFOR PIPELINE  
FEMA FIRM 54017C0115C  
FEMA FIRM 54017C0120C  
ANTERO MIDSTREAM LLC**



SITE LOCATIONS NAD 83			
Eastern Terminus (UTM Meters)	N=4350074.9 m	E=517220.3 m	
Western Terminus (UTM Meters)	N=4350541.6 m	E=515848.7 m	
	LATITUDE	LONGITUDE	
Eastern Terminus	39.299866	-80.800298	
Western Terminus	39.304134	-80.816181	

**CENTRAL AND WESTERN UNION DISTRICT, DODDRIDGE COUNTY, WV  
LITTLE MUSRINGUM-MIDDLE ISLAND WATERSHED**

FLOODPLAIN CONDITIONS	
DO SITE CONSTRUCTION ACTIVITIES TAKE PLACE IN FLOODPLAIN:	NO
PERMIT NEEDED FROM COUNTY FLOODPLAIN COORDINATOR:	NO
MEC-RAS STUDY COMPLETED:	N/A
FLOODPLAIN SHOWN ON DRAWINGS:	YES
FIRM MAP NUMBER (S) FOR SITE:	54017C0115C and 54017C0120C
ACREAGE OF CONSTRUCTION IN FLOODPLAIN:	N/A



- Legend**
- Cofor Pipeline (1.26 mi)
  - FEMA Floodplain

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfielder makes no representation or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or relying on the information.

Base Map: ESRI Online Map;  
USGS 7.5' West Union Quadrangle



PROJECT NO.	20151066
DRAWN:	6/20/2014
DRAWN BY:	J. Weber
CHECKED BY:	A. Leonard
FILE NAME:	CoforPL_FEMA_v1.mxd

**Antero Midstream LLC**  
**Cofor Pipeline  
Doddridge County, West Virginia  
Flood Insurance Rate Map**

FIGURE

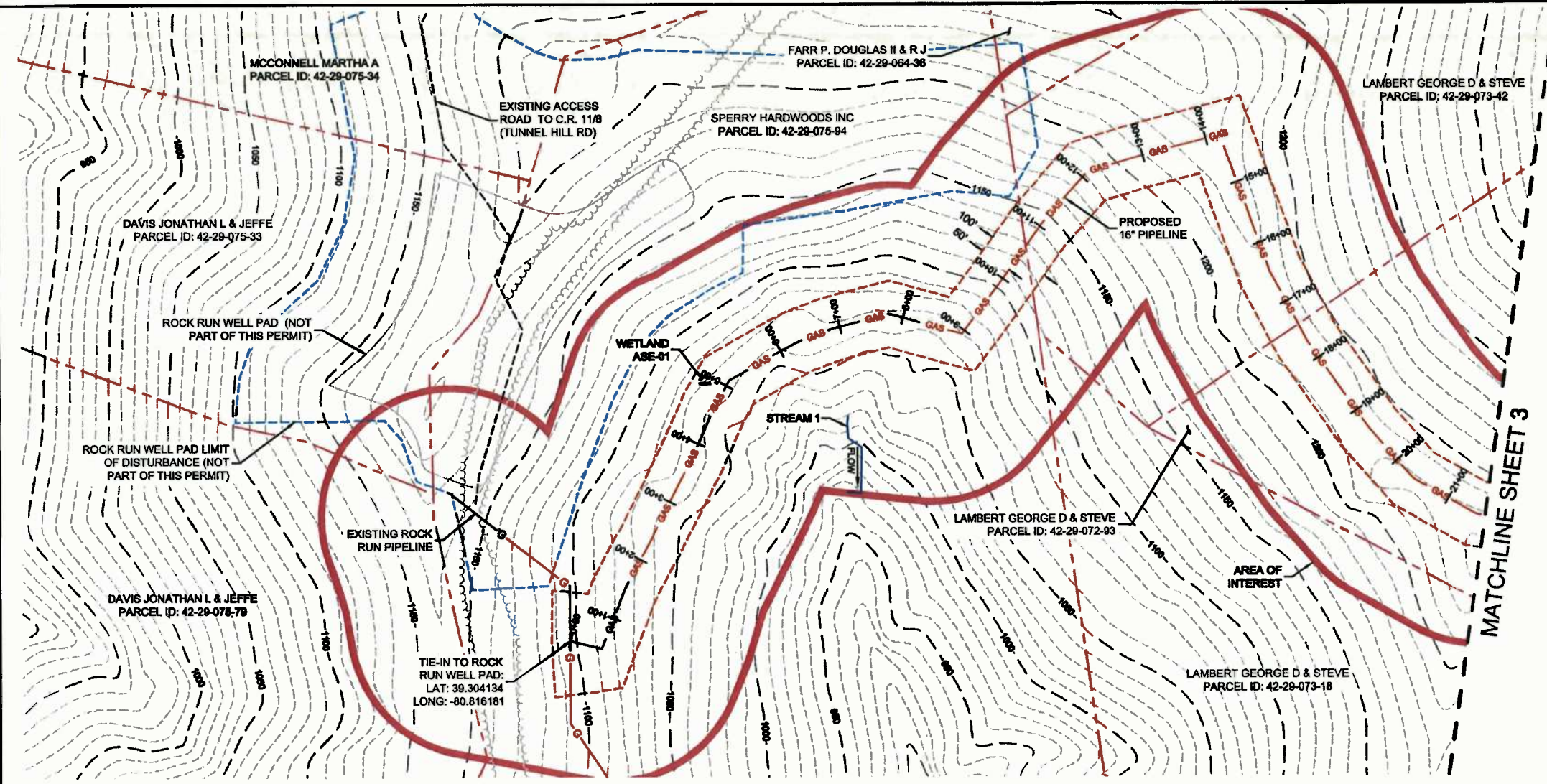
**1**







ATTACHED MAPS: J:\04 Charles... 175... 12/14/14...  
 ATTACHED XREFS: J:\04 Charles... 175... 12/14/14...  
 CAD FILE: G:\charles\175\12/14/14\175\_12\_14\_14.dwg



**\*\*NOTICE TO CONTRACTOR\*\***  
**\*\* WARNING \*\* WARNING \*\* WARNING \*\***

UNDERGROUND OR OVERHEAD UTILITIES MAY BE PRESENT AT ROAD CROSSING. CONTRACTOR SHALL FIELD VERIFY UTILITIES PRIOR TO START OF CONSTRUCTION AND SHALL USE CAUTION WHEN USING MACHINERY IN THESE AREAS.

- LEGEND**
- 900--- EXISTING INDEX CONTOUR (50')
  - EXISTING INTERMEDIATE CONTOUR (10')
  - EXISTING ACCESS ROAD
  - EXISTING PAVED ROAD
  - EXISTING TREE LINE
  - EXISTING PROPERTY LINE
  - x---x--- EXISTING FENCE
  - G--- EXISTING PIPELINE
  - EXISTING WELL PAD LIMITS OF DISTURBANCE
  - EXISTING WELL PAD
  - E--- EXISTING ELECTRICAL LINE
  - T--- EXISTING TELEPHONE LINE
  - PROPOSED RIGHT OF WAY/LIMITS OF DISTURBANCE
  - GAS--- PROPOSED PIPELINE
  - DELINEATED STREAM
  - DELINEATED WETLAND AREA
  - AREA OF INTEREST

100 50 0 100  
 SCALE: 1 INCH=100 FEET



NO.	REVISION	BY	DATE
1			
2			
3			
4			
5			

<p><b>KLEINFELDER</b>          Bright People. Bright Solutions.          230 EXECUTIVE DRIVE, SUITE 122          CRANBURY TOWNSHIP, PA 18066          PH: 724-772-7072 FAX: 724-772-7073          www.kleinfelder.com          PROJ. NO. 20151066          ACAD. FILE: COFOR_Plans.dwg</p>	<p><b>COFOR PIPELINE NWP-12 PLANS</b></p> <p>ANTERO MIDSTREAM LLC          COFOR PIPELINE</p> <p>WEST VIRGINIA          DODDRIDGE COUNTY</p>

PLOTTED: 17 Jun 2014, 8:13am, Mky



















