

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: #14-228 Nichols Pipeline

Date Approved: 07/01/2014 Expires: N/A

Issued to: Antero Resources POC: Ashlie Mihalcin

303-357-7310

Company Address: 1615 Wynkoop Street

Denver, CO 80202

Project Address: Central District. Nichols Compressor Pad

Firm: N/A Lat/Long: 39.301181N/80.864223W to 39.293723N/80.866949W

Purpose of development: Pipeline. Project does not impact floodplain.

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

Date:07/01/2014

Legal Advertisement:

Doddridge County

Floodplain Permit Application

Please take notice that on the 11th day of June, 2014 **Antero Resources**filed an application for a Floodplain Permit to develop land located at or about:

CENTRAL DISTRICT, NICHOLS COMPRESSOR PAD 39.301181N / 80.864223W TO 39.293723N / 80.866949W

Permit #14-228 NICHOLAS 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. Any interested persons who desire to comment shall present the same in writing by **JULY 21, 2014**, delivered to:

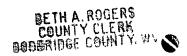
Clerk of the County Court

118 E. Court Street, West Union, WV 26456

Beth A Rogers, Doddridge County Clerk

Edwin L. "Bo" Wriston. Doddridge County Flood Plain Manager

2014 JUN 11 PM 12: 21



June 10, 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 Nichols Pipeline project. The proposed project consists of two steel pipelines located within a 95' construction right of way, encompassing approximately 8.33 acres. The project will utilize two existing access roads during the installation of the pipelines. Per the FIRM Map 54017C0115C and the WV Flood Tool Map, the Nichols Pipeline project is located entirely out of the floodplain.

Attached you will find the following:

- Doddridge County Floodplain Permit Application
- ➤ Project Description Letter Signed and Stamped by PE
- > WV Flood Tool Map
- > FIRM Map

If you have any questions please feel free to contact me at (303) 357-6412.

Thank you in advance.

Sincerely,

Shaye Marshall

Permit Representative

Antero Resources Corporation

Shaye Marshall

Enclosures

14-228
Nichols Pipeline

Antero
Resources

Antero Resources 1615 Wynkoop Street Denver, CO 80202 Office 303.357.7310

Fax 303.357.7315

THRASHER

June 4, 2014

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

RE: Doddridge County Floodplain Development Permit (Not in Floodplain)
Antero Midstream LLC
Nichols Pipeline
Doddridge County, West Virginia
Thrasher Project #101-030-2497

Mr. Wristen:

On behalf of Antero Midstream LLC (Antero), the Thrasher Group, Inc. (Thrasher), is submitting to your office for review and approval a proposed pipeline project in the USGS West Union 7.5 minute quadrangle of Doddridge County, WV.

The proposed Nicholas Pipeline Project consists of a 2 (two) buried steel pipelines (one 16" high pressure and one 20" low pressure), located within two (2) separate 3'x5' ditches in a 95' construction right-of-way (ROW), encompassing approximately 8.33 acres. The proposed pipeline originates at the Nichols Compressor Pad located at approximately 39.301181°N and 80.864223°W. From there, the pipeline extends 3,305 LF northeast to the Mountain Pipeline, located at approximate coordinates, 39.293723°N and 80.866949°W. The proposed project will utilize two (2) existing access road during the installation on the pipeline. Please see attached USGS site location map.

The proposed Nichols Pipeline is located entirely out of the floodplain. In addition, no above-ground structures are proposed to be constructed within the 100 year flood plain. Please see attached WV Flood Tool Map and FEMA issued FIRM Map (Doddridge County Panel 110 of 325) with the pipeline overlaid.

If any further documentation is required for this project, or if any questions may arise please feel free to contact me at your convenience at (304) 326-6366 or ddrennen@thrashereng.com

THRASHER

Mr. Wristen Page 2 of 2 June 4, 2014

Sincerely,

THE THRASHER GROUP, INC.

Don Drennen

Environmental Scientist

Enclosures (7):
USGS Topographic Map
FIRM Map
WV Flood Tool Map
Aerial Imagery Map
Tax Map
Landowner Table
Driving Directions

Promo Barre Barre

#14-228

DODDRIDGE COUNTY

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

BETH A. ROGERS
COUNTY CLERK
DOORRIDGE COUNTY, WY

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 6/10/19

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:	landy	Kloberdar	12
ADDRESS: 1615 Wynkoop Stre	et, Denver, CO	80202	
TELEPHONE NUMBER: Con	tact Shaye Mars	shall: 303-357-6412	

BUILDER'S NAME: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street, Denver, CO 80202
TELEPHONE NUMBER: (303) 357-7310
ENGINEER'S NAME: Thrasher
ADDRESS: 30 Columbia Blvd., Clarksburg, WV26301
TELEHONE NUMBER: 304-624-4108
PROJECT LOCATION:
NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please See Surface Owner Table
ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please See Surface Owner Table
DISTRICT: Central
DATE/FROM WHOM PROPERTY PURCHASED: N/A
LAND BOOK DESCRIPTION:_Please See Surface Owner Table
DEED BOOK REFERENCE:_Please See Surface Owner Table
TAX MAP REFERENCE: Please See Surface Owner Table
EXISTING BUILDINGS/USES OF PROPERTY: N/A
NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY_Please See Surface 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

Х	New Struct	:ure			[]	Residentia	(1 – 4 Family)		
[]	Addition				[]		(more than 4 Fa	amily)	
[]	Alteration				[]	Non-residential (floodproofing)			
[]	Relocation				Ö	Combined Use (res. & com.)			
[]	Demolition	1			0	Replaceme		• /	
[]	Manufactu	ıred/Mo	bil Home		i.		••••		
В.	OTHER DE	VEOPLI	MENT ACTIV	/ITIES:					
[]	Fill	[]	Mining	[]	Drilling	x X	Pipelining		
[]	Grading				J	•			
[]	Excavation	(except	for STRUCTUR	RAL DEVE	ELOPMENT	Checked a	bove)		
[]			ation (includi						
[]			nents (includin				,		
[]			dge Construct	_	,			. :	
	Subdivision	(includi	ng new expan	ision)	•			•	
[]									
[]									
	Individual \ Other (plea		Sewer Systen fy)	n 					

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:		
ADULT RESIDING IN EACH RESIDENCE RTY AT THE TIME THE FLOODPLAIN PERMIT AND ADDRESS OF AT LEAST ONE ADULT ERTY THAT MAY BE AFFECTED BY FLOODING AS TUDY OR SURVEY. NAME: ADDRESS:		
ADDIESS.		
֡		

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.

- (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.

NAN	ME (PRINT): <u>fandy kloberdanz</u>		
SIGN	NATURE:	DATE:_	6/10/19-
Aftei Adm	er completing SECTION 2, APPLICANT should submit form to Flor ministrator/Manager or his/her representative for review.	oodplain	
<u>SEC</u>	CTION 3: FLOODPLAIN DETERMINATION (to be comp	leted by	/ Floodplain
<u>Adn</u>	ministrator/Manager or his/her representative)		
	E PROPOSED DEVELOPMENT: E PROPOSED DEVELOPMENT IS LOCATED ON:		
FIRM	M Panel:		
Date	ed:	· · · · · · · · · · · · · · · · · · ·	
[] revie	Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify appli ew is complete and NO FLOOPLAIN DEVELOPMENT PERMIT IS	cant that	t the application ED).
[]	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
	ION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by
Floo	dplain Administrator/Manager or his/her representative)
	pplicant must submit the documents checked below before the application can be essed.
	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
0	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.
0	Top of new fill elevationFt. 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.

Contractor's License and a Manufactured Home Installation License as required by the

Manufactured homes located in a floodplain area must have a West Virginia

Federal Emergency Management Agency (FEMA).

FION 5: PERI Administra	MIT DETERMINATION (To ator/Manager or his/her r	be completed by Floodpla epresentative)	<u>in</u>
provisions of County on M	mined that the proposed activite the Floodplain Ordinance ado lay 21, 2013. The permit is issufthis permit.	pted by the County Commission	n of Doddri
SIGNED		DATE	. :
with the pro	lain Administrator/Manager fovisions of the Doddridge Count the applicant may complete an	y Floodplain Ordinance and/or	conformand denied tha
APPEALS:	Appealed to the County Com	mission of Doddridge County?	[] Yes {} N
	County Commission Decision		
	:		

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 isFT. NGVD (MSL)
2	Actual (As Built) elevation of floodproofing isFT. NGVD (MSL)
Note	e: Any work performed prior to submittal of the above information is at risk of the licant.
SEC	TION 7: COMPLIANCE ACTION (To be completed by the Floodplain
Adn	ninistrator/Manager or his/her representative).
. as ap	Floodplain Administrator/Manager or his/her representative will complete this section oplicable based on inspection of the project to ensure compliance with the Doddridge nty Floodplain Ordinance.
li	NSPECTIONS:
	DATE:BY: DEFICIENCIES ? Y/N
	OMMENTS
<u>SECT</u>	FION 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain
<u>Adm</u>	inistrator/Manager or his/her representative).
Certif	icate of Compliance issued: DATE:

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

PERMIT PERMIT	NUMBER:
PURPOSE –	
CONSTRUCTION LOCATION:	
OWNER'S ADDRESS:	·
THE FOLLOWING MUST BE COMPL ADMINISTRATOR/MANAGER OR H	LETED BY THE FLOODPLAIN HIS/HER AGENT.
COMPLIANCE IS HEREBY CER FLOODPLAIN ORDINANCE ADOPTE DODDRIDGE COUNTY ON MAY 21,	RTIFIED WITH THE REQUIREMENT OF THE ED BY THE COUNTY COMMISSION OF 2013.
SIGNED	

Nichols Pipeline Surface Owners Table

Project Landowner

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	CITY, ST ZIP	roc	воок	PAGE	LEGAL DESC
CENTRAL	1	6	24	NICHOLS JERRY L	RT 1 BOX 828	GREENWOOD, WV 26415	RT 26	206	41	LONG RUN 56.18 AC
CENTRAL	1	6	26	LEACH MICHELE L ET AL %SUSAN PRUTSMAN	RT 1 BOX 778	GREENWOOD, WV 26415		WB40	290	LONG RUN 49.56 AC
CENTRAL	1	6	12	KELLEY KIMELA M & CHARLES M (SURV)	RT 1 BOX 771	GREENWOOD, WV 26415	RT 26	235	672	LONG RUN 21 AC
CENTRAL	1	6	17	KELLEY CHARLES M & KIMELA M (SURV)	RT 1 BOC 771	GREENWOOD, WV 26415	OFF RT 26	243	631	30 AC LONG RUN
CENTRAL	1	6	5	MCCULLOUGH RICHARD F	RT 1 BOX 770	GREENWOOD, WV 26415	OFF RT 26	272	309	LONG RUN OF ARNOLDS CK 39 AC LOT 5
CENTRAL	1	6	6	JAMES THELMA B TRUSTEE OF LAWRENCE L JAMES LIVING TRUST	RT 1 BOX 773	GREENWOOD, WV 26415	RT 26	WB33	226	LONG RUN 107 AC SONS MODULAR HOME

> bi	ing Maps	My Notes	
Α	118 E Court St, West Union, WV 26456		
В	39.301181, -80.864223		
Douto	· 10 6 mi 16 min		

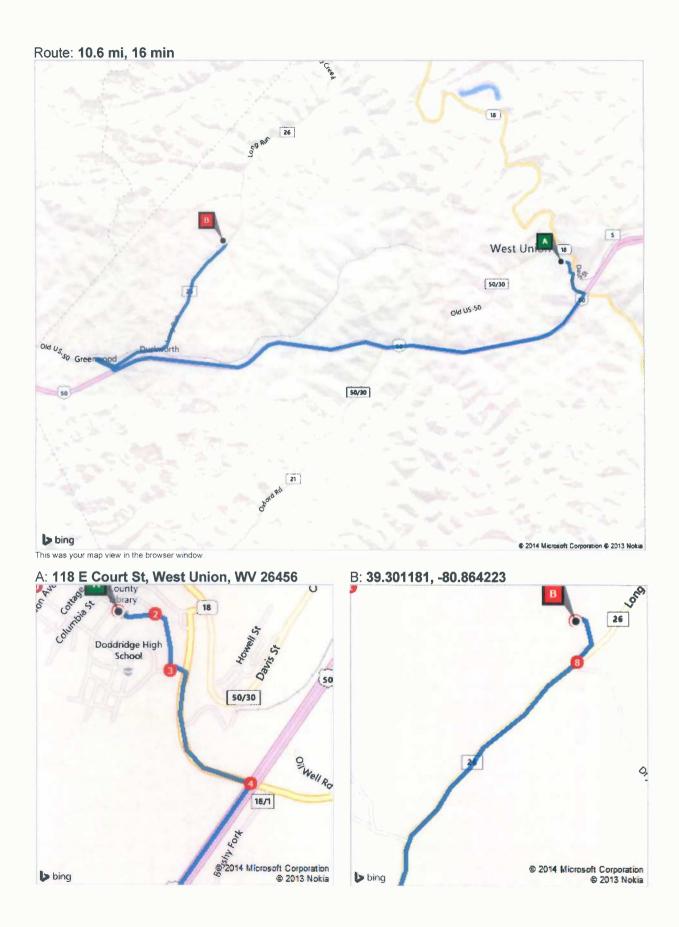
Route: 10.6 mi, 16 min

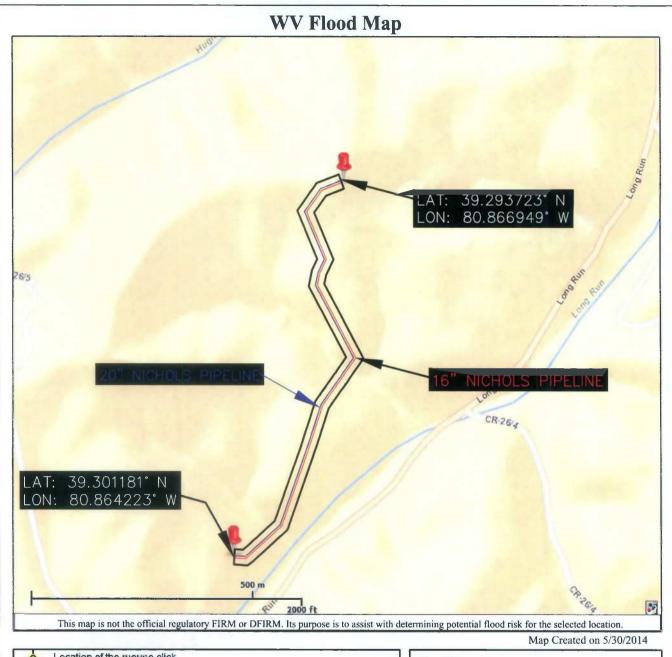
	On the go? Use m.bing.com to find maps, directions, businesses, and more
HH	directions, businesses, and more

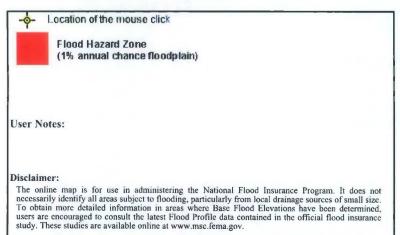
Α		118 E Court St, West Union, WV 26456	A–B: 10.6 mi 16 min
	1.	Depart E Court St toward Chancery St	0.1 mi
1	2.	Road name changes to Railroad St	0.2 mi
1	3.	Turn left onto College Ave, and then immediately turn right onto WV-18	8 0.4 mi
4	4.	Turn right onto US-50 W	6.9 mi
7	5.	Turn right onto Old US-50 / CR-50/30	0.3 mi
7	6.	Turn right onto Duckworth Rd / CR-36	1.0 mi
1	7.	Keep straight onto Long Run / CR-26	1.6 mi
7	8.	Bear left onto road **Unpaved Road	0.1 mi
В	9.	Arrive at 39.301181 , -80.864223 on the right	

These directions are subject to the Microsoft® Service Agreement and for informational purposes only. No guarantee is made regarding their completeness or accuracy. Construction projects, traffic, or other events may cause actual conditions to differ from these results. Map and traffic data © 2014 NAVTEQ™.

Print - Maps







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:



Edwin Wriston < doddridgecountyfpm@gmail.com>

Nichols Pipeline FP Permit # 14-228 Approval

1 message

Edwin Wriston < doddridgecountyfpm@gmail.com>

Tue, Jul 1, 2014 at 2:39 PM

To: Ashlie M <amihalcin@anteroresources.com>

Cc: brett slater <blstater.4774@yahoo.com>

This email is to notify you that your project, **Nichols Pipeline**, designated as **Doddridge County FP Permit # 14-228**, has been approved. This project shows no impact to the Doddridge County Floodplain as proposed, and therefore no Floodplain Permit is required. We have however included an electronic copy of an approved permit for your records in word document format. (Note: A PDF version can be provided upon request.)

A hard copy of this permit has been printed and laminated for you to post at your construction site if desired. While this is not required, it may help alleviate citizen inquiries or concerns that work is being done without approval. This hard copy may be picked up from the Doddridge County Clerk's office during normal business hours at your leisure. Should you require additional laminated copies, those can be provided at no charge.

Should you have any further questions regarding this permit approval, please fell free to contact my office at your convenience.

Respectfully,

Edwin L. "Bo" Wriston, Floodplain Manager Doddridge County Commission 118 East Court Street West Union, WV 26456 Work Phone:1-304-873-2631 Mobile Phone: 1-304-629-3735 Fax: 1-304-873-1840 doddridgecountyfpm@gmail.com www.doddridgecounty.wv.gov

CONFIDENTIALITY NOTE: This email message is for the sole use of the intended recipient(s) and may contain confidential, privileged, or sensitive information. Any unauthorized review, use, disclosure, or distribution is strictly prohibited and may be legally accountable.

o

PERMIT #14-228 APPROVED.docx

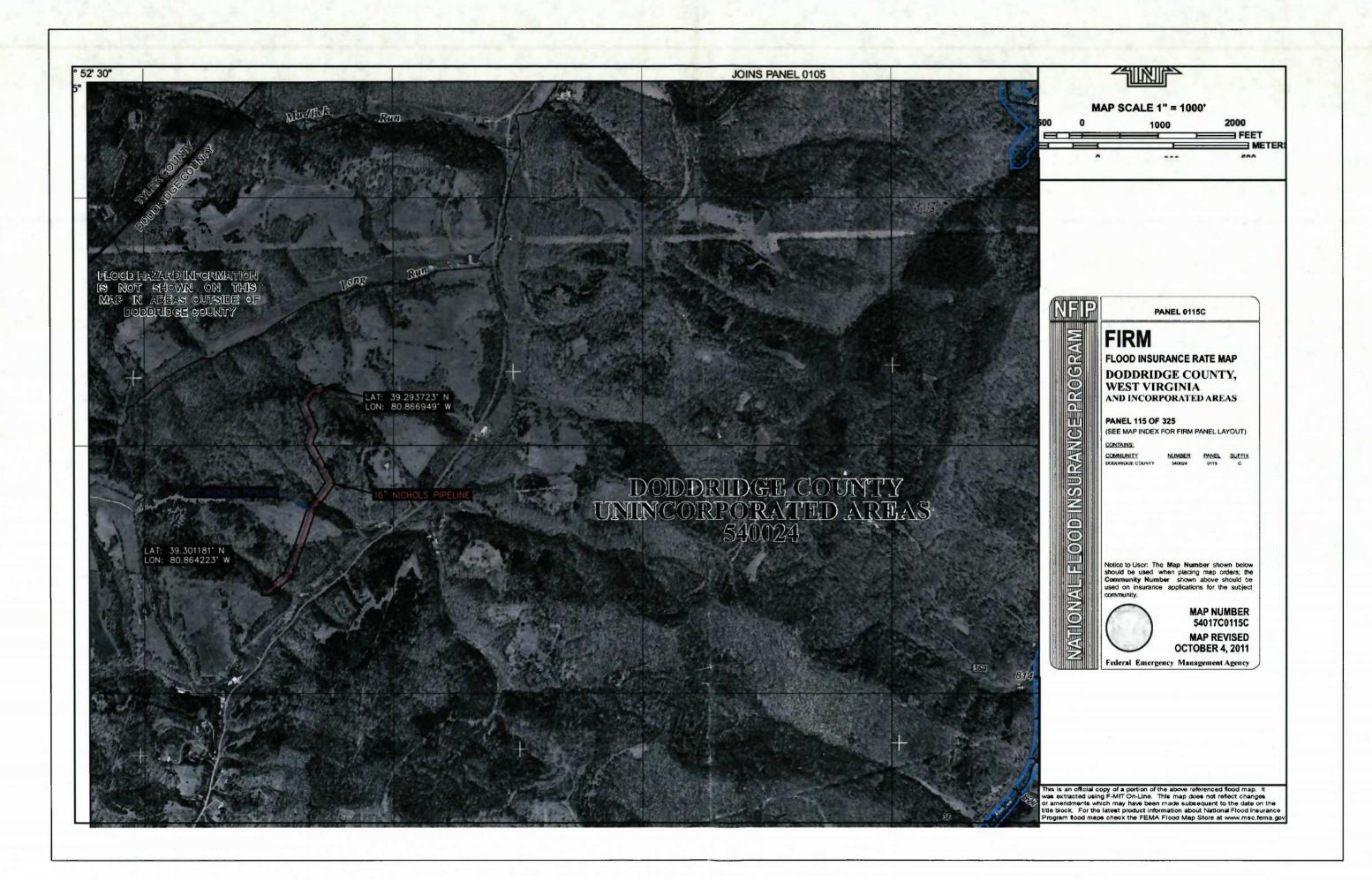
2014 JUL 11 AM 11: 25

BETH A. RUGERS COUNTY CLERK DODDRIDGE COUNTY, WY

그는 기계가 가게 됐다면 나는 것이다. 그리지만 그런데 가장 그 가장이 되었다.
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The state of the s
LEGAL ADVERTISEMENT:
Doddridge County
Floodolain Permit Application
Please toke notice that on the dilth day of June, 2014
Antero Resources filed an application for a ricouplain
Permit to develon land located at or about: CENTRAL
DISTRICT - NICHOLS COMPRESSOR PAD
39.301181N/80.864223W, TO 39.293723N/80.866949W
Permit # 14-228 NICHOLAS' PIPELINE (Note: This
project is not within the floodplain)
The Analisation is on file with the Clerk of the County
The Application is on file with the Clerk of the County Court and may be inspected or copied during regular
Court and may be inspected discopied during regular
Court and may be inspected or copied during regular business hours. Any interested persons who desire to
to military and present the
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 Flood Plain
Manager
\$ 174 7-1-2xb
· [基] - 新年期的198日 年刊 年刊 1995年 1997年

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: was published in said paper for . . successive weeks beginning with the issue ending with the issue of that said notice contains . . . WORD SPACE at amounts to the sum of \$. 2.1 FOR FIRST PUBLICATION, SECOND **PUBLICATION IS 75% OF THE FIRST PUBLICATION** and each publication thereafter gina Micholson SWORN TO AND SUBSCRIBED BEFORE ME THIS THE NOTARY/PUBLIC





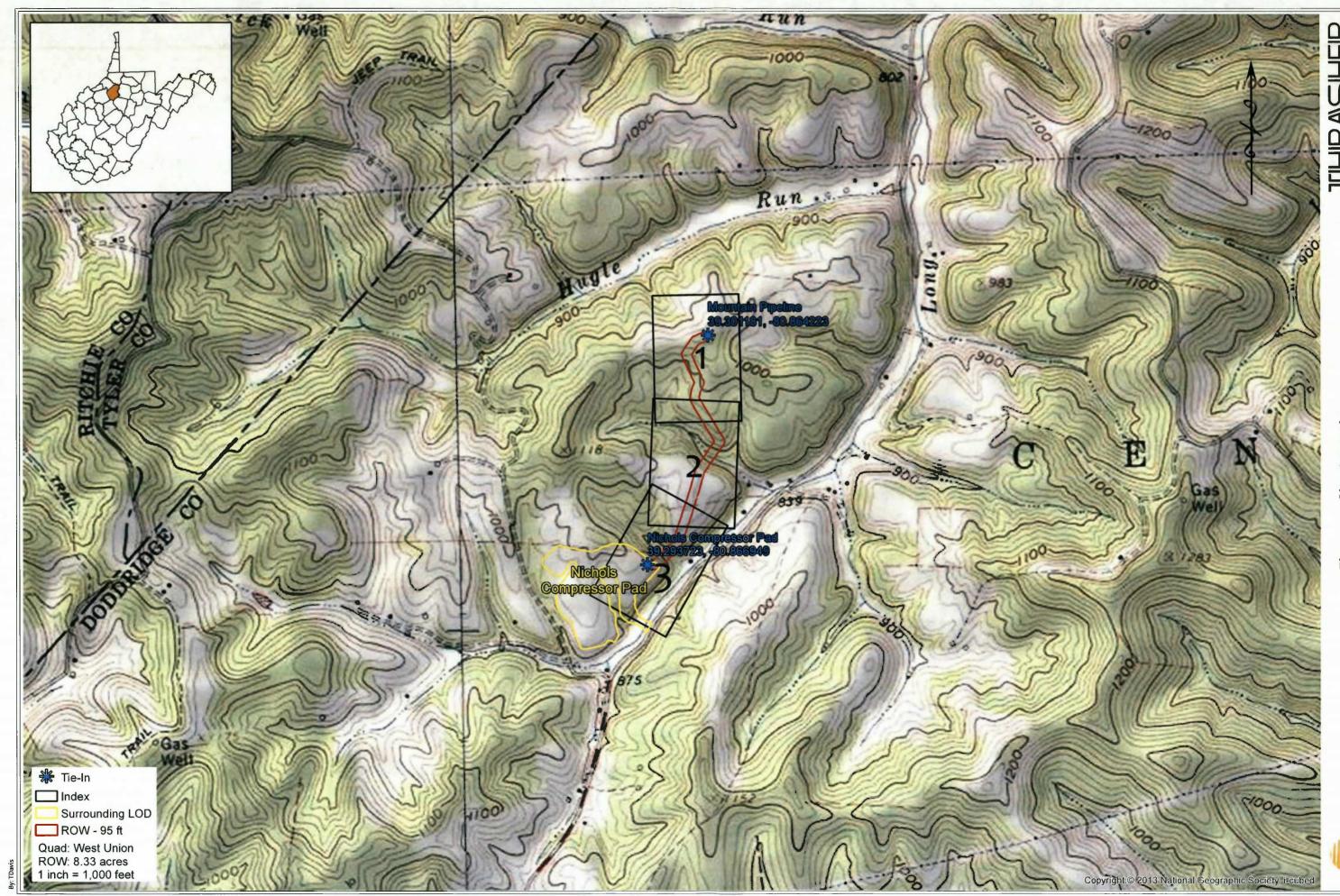




Figure 1: Site Location Nichols Pipelines Doddridge County - West Virginia

THRASHER THRASHER



Figure 2.2: Jurisdictional Features Nichols Pipelines Doddridge County - West Virginia



