

#14-157

# 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

2-17-14

## 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 Resources Corporation

ADDRESS: 1625 17th Street, Denver, CO 80202

TELEPHONE NUMBER: Contact Shauna DeMattee: 303-357-6820

**BUILDER'S NAME:** Antero Resources Corporation  
**ADDRESS:** 1625 17th Street, Denver, CO 80202  
**TELEPHONE NUMBER:** (303) 357-7310

**ENGINEER'S NAME:** Allegheny Surveys, Inc.  
**ADDRESS:** 172 Thompson Drive, Bridgeport, WV 26330  
**TELEPHONE NUMBER:** 304-848-5035

**PROJECT LOCATION:**

**NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)** Please see attachment

**ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)**  
Please see attachment

**DISTRICT:** Greenbrier

**DATE/FROM WHOM PROPERTY**

**PURCHASED:** N/A

**LAND BOOK DESCRIPTION:**

**DEED BOOK REFERENCE:** DB 7/ PG 221; DB 1199/ PG 690;

**TAX MAP REFERENCE:** Tax Map 12, Parcel 18; Tax Map 382, Parcel 9

**EXISTING BUILDINGS/USES OF PROPERTY:**

**NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY**

**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 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            X            Drilling             Pipelining
- Grading
- Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- Watercourse Alteration (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 \$** <sup>N/A - Location is not within</sup> <sub>-the floodplain</sub>

**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:**     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:** \_\_\_\_\_  
 \_\_\_\_\_

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

**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.

**Owner:** Lynn A. Reed, et al, JoAnn Reed,  
Robert L. Reed & Betty L. Bennett  
**Address:** 424 Center Avenue  
Weston, WV 26452


**Owner:** James M. Williams Heirs – Steve &  
Dorothy Williams  
**Address:** Rural Route 2 Box 303  
Lost Creek, WV 26385

**Owner:** James M. Williams Heirs – Vicky A.  
Williams  
**Address:** 498 Holly Drive  
Berea, OH 44017

**Owner:** Donald B. & Brenda K. Corder  
**Address:** Route 2 Box 91-A  
Salem, WV 26426

- (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 Kloberdanz

SIGNATURE:  DATE: 2-17-14

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 Ralph J. Jander

DATE 3-10-14

**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

Reed Pad

Center of Pad:  
80.5532499 W,  
39.200125 N



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 1/17/2014



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:** Selected site is **NOT WITHIN** any identified flood hazard area. Unmapped flood hazard areas may be present.

**Elevation:** About 1361 feet

**Location (long, lat):** 80.532499 W, 39.200125 N

**Location (UTM 17N):** (540368, 4339089)

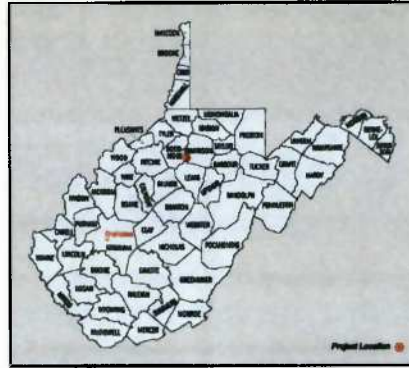
**FEMA Issued Flood Map:** 54017C0260C

**Contacts:** Doddridge County

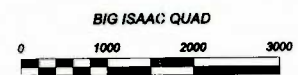
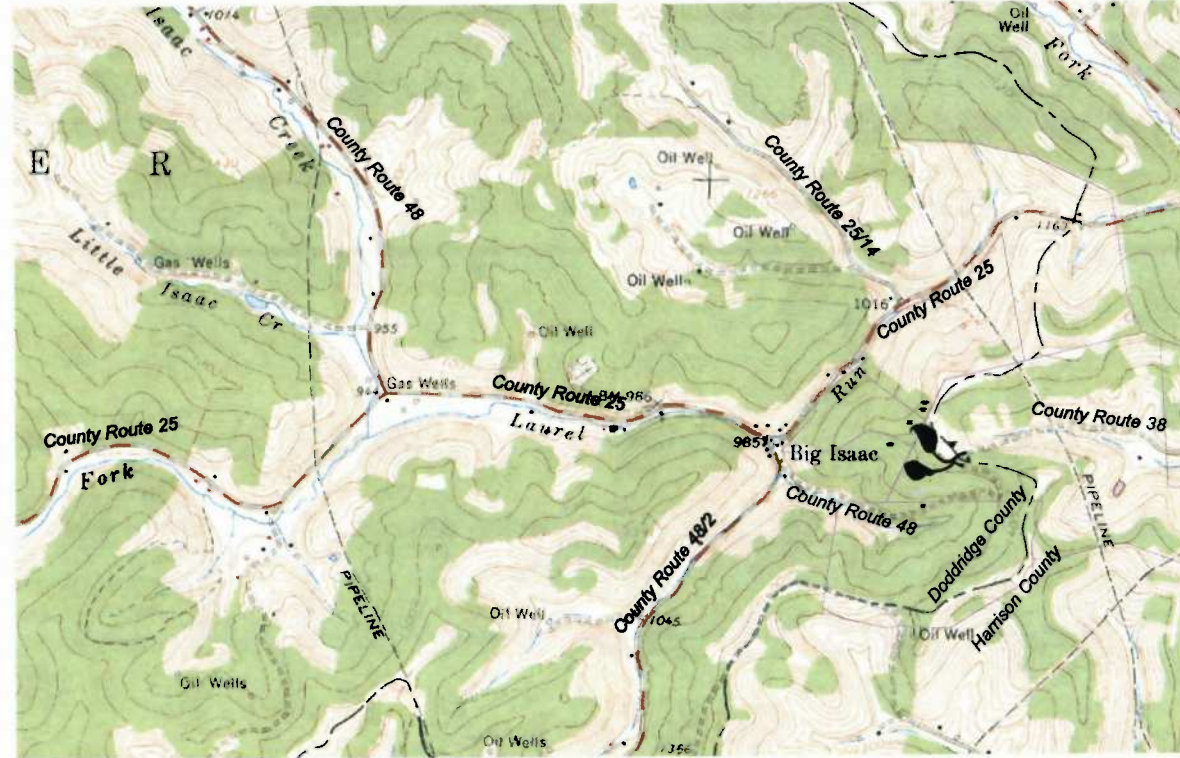
**CRS Information:** No CRS information available

**Parcel Number:**

# REED PAD AS-BUILT ANTERO RESOURCES CORPORATION

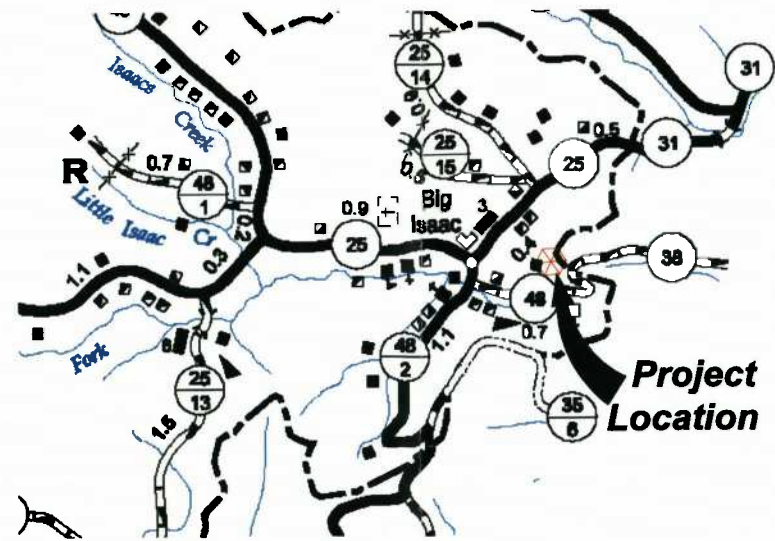


Well Table			
Prop. Well Furbey Unit 1H WV-N NAD83 N: 250722.00 WV-N NAD83 E: 1875907.38 LAT NAD83: 39°12'00.8016" LON NAD83: 80°31'58.82143"	Prop. Well Furbey Unit 2H WV-N NAD83 N: 250722.72 WV-N NAD83 E: 1875911.10 LAT NAD83: 39°12'00.8108" LON NAD83: 80°31'58.8726"	Prop. Well Cascade Unit 1H WV-N NAD83 N: 250713.44 WV-N NAD83 E: 1875914.04 LAT NAD83: 39°12'00.7192" LON NAD83: 80°31'58.8239"	Prop. Well Corder Unit 2H WV-N NAD83 N: 250704.15 WV-N NAD83 E: 1875918.57 LAT NAD83: 39°12'00.8279" LON NAD83: 80°31'58.7700"
Prop. Well Corder Unit 1H WV-N NAD83 N: 250694.87 WV-N NAD83 E: 1875922.31 LAT NAD83: 39°12'00.8385" LON NAD83: 80°31'58.7282"	Prop. Well Chadwell Unit 2H WV-N NAD83 N: 250685.59 WV-N NAD83 E: 1875928.04 LAT NAD83: 39°12'00.4463" LON NAD83: 80°31'58.6774"	Prop. Well Chadwell Unit 1H WV-N NAD83 N: 250678.32 WV-N NAD83 E: 1875928.78 LAT NAD83: 39°12'00.3640" LON NAD83: 80°31'58.6289"	Left Blank Intentionally



SITE LOCATIONS NAD 83		
	LATITUDE	LONGITUDE
Center of D. Pad (UTM Meters)	N=4330080.1 m	E=540387.5 m
Center of Drill Pad	39.2001249	-80.5324987
Begin Access Road	39.1985877	-80.5312488

GREENBRIER DISTRICT - DODDRIDGE COUNTY  
UNION DISTRICT - HARRISON COUNTY  
UPPER MIDDLE ISLAND CREEK, WEST FORK WATERSHED



West Virginia State Plane Coordinate System  
North Zone, NAD83  
Elevations Based on NAVD88  
Established By Survey Grade GPS & OPUS Post-Processing

Reed Pad As-Built Owner Information					
Owner	TM/Parcel	Acres/Page	Total Acres	Type of Disturbance	Acres
Don Corder	12/15	286/537	19.25	Drill Pad	0.31
				Total	0.31
James M. Williams Heirs	12/18	SF 7/221	17.17	Drill Pad	0.16
				Water Tank Pad	0.45
				Total	0.61
Lynn A. Reed, et al	382/9	1199/690	146	Road A	0.66
				Road B	0.74
				Drill Pad	2.05
				Water Tank Pad	4.79
				Total	8.24
				Grand Total	9.16

LOD Area (ac)	
Road A (290')	0.66
Road B (300')	0.74
Drill Pad	2.52
Water Tank Pad	5.24
Total Affected Area	9.16
Total Wooded Acres Disturbed	6.60
Total Linear Feet of Access Road	590 feet

- Notes:
- This map is based on the Grid North meridian. Its coordinate base is derived from the West Virginia Coordinate System of 1983, North Zone, based upon OPUS GPS observations taken at the site. Elevations shown hereon are based on NAVD88 datum.
  - The purpose of this map is to show existing topographic features of an as-built gas well drill pad.
  - This map is not a boundary survey. Surface tract lines shown hereon are based upon deeds of record found in the Office of the Clerk of Doddridge and Harrison Counties, West Virginia and boundary evidence (shown hereon) found at the time of survey.
  - Miss Utility was not contacted at the time of this survey.
  - Total Disturbed Area = 9.16 Acres

### Design Certification

The drawings, construction notes, and reference diagrams attached hereto have been prepared in accordance with the West Virginia Code of State Rules (35 CSR 08).

### DRAWING INDEX

- COVER SHEET/LOCATION MAP
- ROAD A & B, DRILL PAD AND WATER TANK PAD AS-BUILT SITE PLAN AND PROFILES

- Project Contacts**
- Antero Resources**
- Tom Wince - Construction Manager  
304-869-3405 Off. 304-483-0933 Cell
- Mike Ash - Survey Coordinator  
304-380-8181 Cell
- Roger Dunlap - Survey Coordinator  
304-851-5588
- El Wagoner, Environmental Engineer  
304-622-3842, ext 311 Off. 304-476-9770 Cell
- John Kawcak, Engineer  
817-368-1553
- Dusty Woods  
817-771-1436
- Aaron Kunzler, Construction Supervisor  
405-227-8344
- Anthony Smith, Field Engineer  
304-869-3405 Off. 304-673-6198 Cell
- Surveyor & Engineer**
- Bill Yetzer, PS, EI - Allegheny Surveys Inc.  
304-848-5035 Off. 304-619-4937 Cell
- Kirk Wilson, PE - L&W Enterprises, Inc.  
304-257-4818 Off. 304-668-0365 Cell

FLOODPLAIN CONDITIONS	
DO SITE CONSTRUCTION ACTIVITIES TAKE PLACE IN FLOODPLAIN:	NO
PERMIT NEEDED FROM COUNTY FLOODPLAIN COORDINATOR:	NO
HEC-RAS STUDY COMPLETED:	N/A
FLOODPLAIN SHOWN ON DRAWINGS:	N/A
FIRM MAP NUMBER(S) FOR SITE:	54017C0260C
ACREAGES OF CONSTRUCTION IN FLOODPLAIN:	N/A

MISS Utility of West Virginia  
1-800-245-4848  
West Virginia State Law  
(Section XIV: Chapter 24-C)  
Requires that you call two  
business days before you dig in  
the state of West Virginia.  
IT'S THE LAW!!



Know what's below.  
Call before you dig.



Allegheny Surveys, Inc.  
172 Thompson Drive  
Bridgeport, WV 26330  
(304) 848-5035



L&W ENTERPRISES, INC.  
P.O. BOX 86  
1400 W. GLEAVES ST.  
PETERSBURG, WV 26847  
TEL: 304-547-4411  
FAX: 304-547-2224  
EMAIL: KEB@CLIMATE.NET



ANTERO  
RESOURCES  
THIS DOCUMENT  
PREPARED FOR  
ANTERO  
RESOURCES CORP

COVER SHEET/LOCATION MAP  
REED PAD AS-BUILT  
GREENBRIER DISTRICT - DODDRIDGE COUNTY, WV  
UNION DISTRICT - HARRISON COUNTY, WV

DATE	REVISIONS	Date: 7/1/13
		Scale: N/A
		Designed By: CEW/CEM
		File No. Antero 65-12
		Page 1 of 2