



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Wednesday, June 13, 2018
WELL WORK PLUGGING PERMIT
Vertical Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for A 15
47-017-02129-00-00

This well work permit 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 any additional specific 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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief 

Operator's Well Number: A 15
Farm Name: MAXWELL, A.
U.S. WELL NUMBER: 47-017-02129-00-00
Vertical Plugging
Date Issued: 6/13/2018

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.

1) Date May 21, 2018
2) Operator's
Well No. 129601 A. Maxwell A15
3) API Well No. 47-017 - 02129

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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1007 Watershed Arnolds Creek
District West Union County Doddridge Quadrangle Oxford

6) Well Operator EQT Production Company 7) Designated Agent Jason Ranson
Address 2400 Ansys Drive- Suite 200 Address 120 Professional Place
Canonsburg PA 15317 Bridgeport WV 26330

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Daniel Flack Name HydroCarbon Well Service
Address 58 Rive Road Address PO Box 995
Buckhannon WV 26201 Buckhannon WV 26201

10) Work Order: The work order for the manner of plugging this well is as follows:
See Attachment for details and procedures.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector  Date 6/4/18

PLUGGING PROGNOS
 129061
 Maxwell A-15
 API# 47-017-02129
 District, West Union
 Doddridge County, WV

BY: R Green
 DATE: 02/07/18

CURRENT STATUS:
TD @ 2474'
Elevation @ 1010'

12 1/2" casing @ 85'
 6 5/8" casing @?
 3" tubing @?

Fresh Water @ None Reported
Saltwater @ None Reported
Oil Show @ None Reported
Gas shows @ None Reported
Coal @ None Reported

1. Notify inspector, Daniel Flack @ 304-545-0109, 24 hrs. prior to commencing operations.
2. TOOH 3" tubing.
3. TIH wireline and collar locator, check TD @ or below, 2400' and locate bottom of 6 5/8" casing.
4. TIH to 2400', spot 30 bbl. of 6% gelled water followed by a 300' C1A cement plug, 2400' to 2100' (Gordon Sand). WOC 8 hrs. Tag TOC, add additional C1A cement if necessary.
5. TOOH to 100' below 6 5/8" casing seat, set a 200' C1A cement plug 100' below 6 5/8" casing seat to 100' inside 6 5/8" casing.
6. Free point 6 5/8" casing, cut casing @ free point. TOOH 6 5/8" casing.
7. Set a 100' C1A cement plug 50' in/out of casing cut. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
8. TOOH to 1060' set a 100' C1A cement plug 1060' to 960'. (Elevation).
9. TOOH to 700' set a 200' C1A cement plug 700' to 500'. (Safety plug).
10. TOOH to 300' set a 300' C1A cement plug 300' to surface.
11. Erect monument with API#, date plugged, and company name.
12. Reclaim road, location to WV-DEP specifications.

Every effort must be made to pull all casing

Daniel Flack
 2/7/18

Geo Rinehart Contractor.

12 1/2" casing	85	
Little Dunkard	775	807
Big "	812	835
Gas Sand	910	950
1st Salt Sand	1055	1105
2nd salt sand	1115	1235
Maxon Sand	1440	1510
Gas	1460	
Little Lime	15801	1598
Pencil cave	1592	1598
Big Lime	1604	1700
Big Injun Sand	1700	1810
1st gas	1750	
2nd gas	1764	
3rd gas	1809	
Gordon sand	2395	2410
Total depth	2474	
Tubed with 3" tubing		
6 5/8" casing left in hole.		

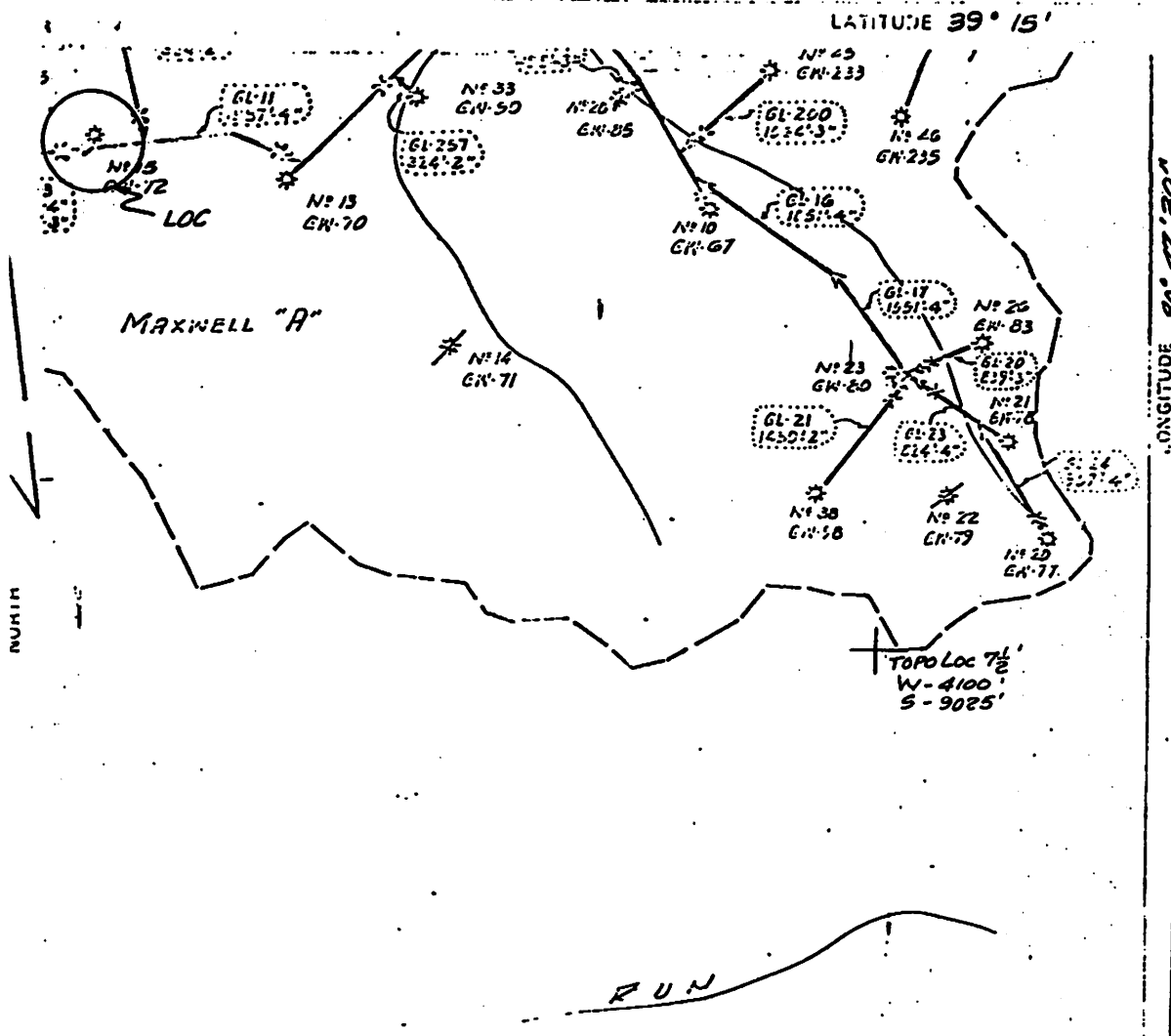
Commenced 9-5-16
Completed 11-2-16

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Office of Oil and Gas

JUN 05 2018

WV Department of
Environmental Protection

DEPT. OF MINES



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1320'
 MINIMUM DEGREE OF ACCURACY _____
 PROVEN SOURCE OF ELEVATION _____

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DEPARTMENT OF MINES.
 (SIGNED) Samuel J. Bay
 R.P.E. _____ L.L.S. 247

PLACE SEAL HERE

(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE MAR 25, 19 80
 OPERATOR'S WELL NO. GW72 (A-15)
 API WELL NO. _____
47 - 017 - 2129
 STATE COUNTY

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WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1010 WATER SHED LEFT EK. OF RANOLDS CR.
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7 1/2
 SURFACE OWNER _____ ACREAGE _____
 OIL & GAS ROYALTY OWNER MAXWELL 'A' LEASE ACREAGE _____
 LEASE NO. _____
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) F.E.R.C. FILING
 PLUG AND ABANDON ___ CLEAN OUT AND RPLUG ___
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR CITIES SERVICE Co. DESIGNATED AGENT SAM J. MATTHEWS
 ADDRESS PO. BX 873 ADDRESS PO. BX 873
CHARLESTON, W.V. CHARLESTON, W.V.

06/15/2018

Oxford 2

17-02129P

WW-4A
Revised 6-07

1) Date: May 21, 2018
2) Operator's Well Number
129601 A. Maxwell A15
3) API Well No.: 47 - 017 - 02129

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>See Attached</u>	Name _____
Address _____	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
(c) Name _____	Address _____
Address _____	Name _____
6) Inspector <u>Daniel Flack</u>	(c) Coal Lessee with Declaration
Address <u>58 Rive Road</u>	Name _____
<u>Buckhannon WV 26201</u>	Address _____
Telephone <u>304-545-0109</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator EQT Production Company
 By: Erin Spine
 Its: Regional Land Supervisor
 Address 2400 Ansys Drive, Suite 200
Canonsburg PA 15317
 Telephone (304) 848-0035

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Subscribed and sworn before me this 29 day of May 2018
Rebecca L. Wanstreet Notary Public
My Commission Expires 4-7-2020

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 deprivacyoffier@wv.gov.

06/15/2018

17-02129p

EQT Production Company
Attn: Permitting- Rebecca Wanstreet
2400 Ansys Drive - Suite 200
Canonsburg PA 15317

Daniel Flack
58 Rive Road
Buckhannon WV 26201
604983 Rosa B Rymer #4983, 604244 Fl Lodge #4244, 150811
Maxwell A-689, 129931 Lewis Maxwell B24, 129601 A
Maxwell A15, 606092 JI Carr #6092

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47-017-02129

129601 (Maxwell A15)

Owner(s) (Surface and Access)

William Randall Hamblet
2413 Pine Hill Circle
Staunton VA 24401

Gary Stephenson
P.O. Box 71
West Union WV 26456

Coal Owner(s):

Lewis Maxwell EST and Mary Maxine Welch
c/o Lewis Maxwell Oil and Gas LLC
P.O. Box 2253
Clarksburg WV 26301

Potential Water Owner(s):

N/A

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17-02129P

7015 1730 0000 8189 6914

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<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total F	\$

Sent To: William Randall Hamblet
 2413 Pine Hill Circle
 Staunton VA 24401
 129601 (Maxwell A15) Plugging Permit

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7015 1730 0000 8189 6921

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total P	\$

Sent To: Gary Stephenson
 P.O. Box 71
 West Union WV 26456
 129601 (Maxwell A15) Plugging Permit

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7069 6979 0000 8189 6907

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total F	\$

Sent To: Lewis Maxwell EST and Mary Maxine Welch
 c/o Lewis Maxwell Oil and Gas LLC
 P.O. Box 2253
 Clarksburg WV 26301
 129601 (Maxwell A15) Plugging Permit

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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06/15/2018

SURFACE OWNER WAIVER

Operator's Well
Number

129601 A. Maxwell A15

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

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VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

Date
06/15/2018

WW-4B

API No.	<u>47-017-02129</u>
Farm Name	<u>A. Maxwell</u>
Well No.	<u>129601 A. Maxwell A15</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____ / owner ____ / lessee ____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company OP Code _____

Watershed (HUC 10) Arnolds Creek Quadrangle Oxford

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Formation Fluids

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20 ml

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: _____

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. _____

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 *Erin Spine*

Company Official (Typed Name) Erin Spine

Company Official Title Regional Land Supervisor

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Subscribed and sworn before me this 29 day of May, 20 18

Rebecca L Wanstreet

Notary Public

My commission expires 4-7-2020



06/15/2018

EQT Production Water plan
Offsite disposals

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive
Bridgeport, WV 26330
304-326-6027
Permit #SWF-1032-98
Approval #100785WV

Waste Management - Northwestern Landfill

512 E. Dry Road
Parkersburg, WV 26104
304-428-0602
Permit #SWF-1025 WV-0109400
Approval #100833WV

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Proposed Revegetation Treatment: Acres Disturbed 1± Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type (10-20-20) or equivalent

Fertilizer amount 1/3 ton lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Aslike Clover	5	Aslike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments: every effort must be made to pull all casing

Title: [Signature] Oil & Gas Inspector Date: 6/4/18

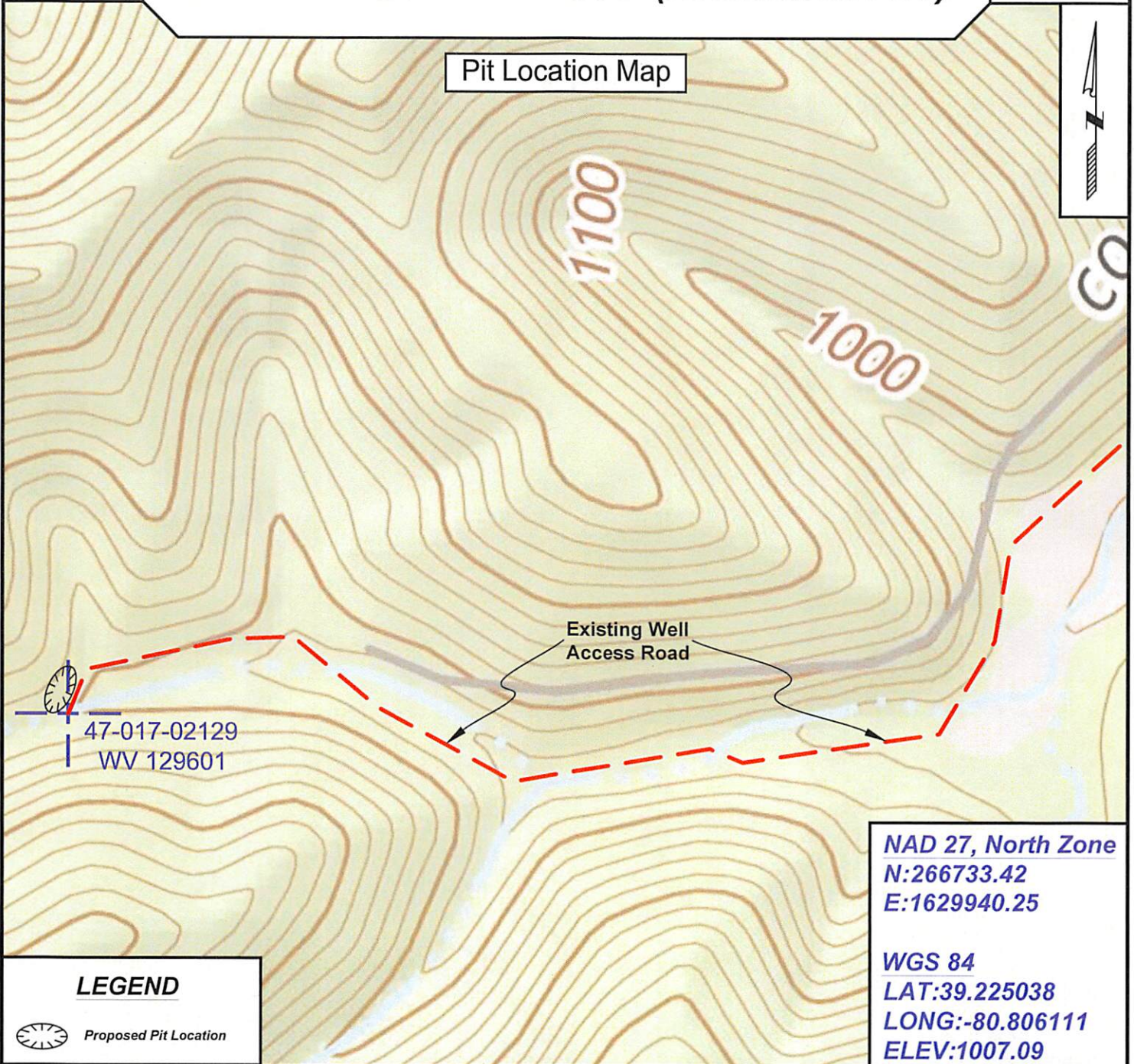
Field Reviewed? Yes No

Topo Quad: Oxford 7.5'	Scale: 1" = 400'
County: Doddridge	Date: March 26, 2018
District: West Union	Project No: 67-30-00-08

47-017-02129 WV 129601 (A. Maxwell A15)

Topo

Pit Location Map



47-017-02129
WV 129601

NAD 27, North Zone
N:266733.42
E:1629940.25

WGS 84
LAT:39.225038
LONG:-80.806111
ELEV:1007.09

LEGEND

 Proposed Pit Location



SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

1-800-482-8606
237 Birch River Road
Birch River, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

2400 Ansys Drive
Canonsburg, PA 15317

17-02129P

Topo Quad: Oxford 7.5' Scale: 1" = 500'

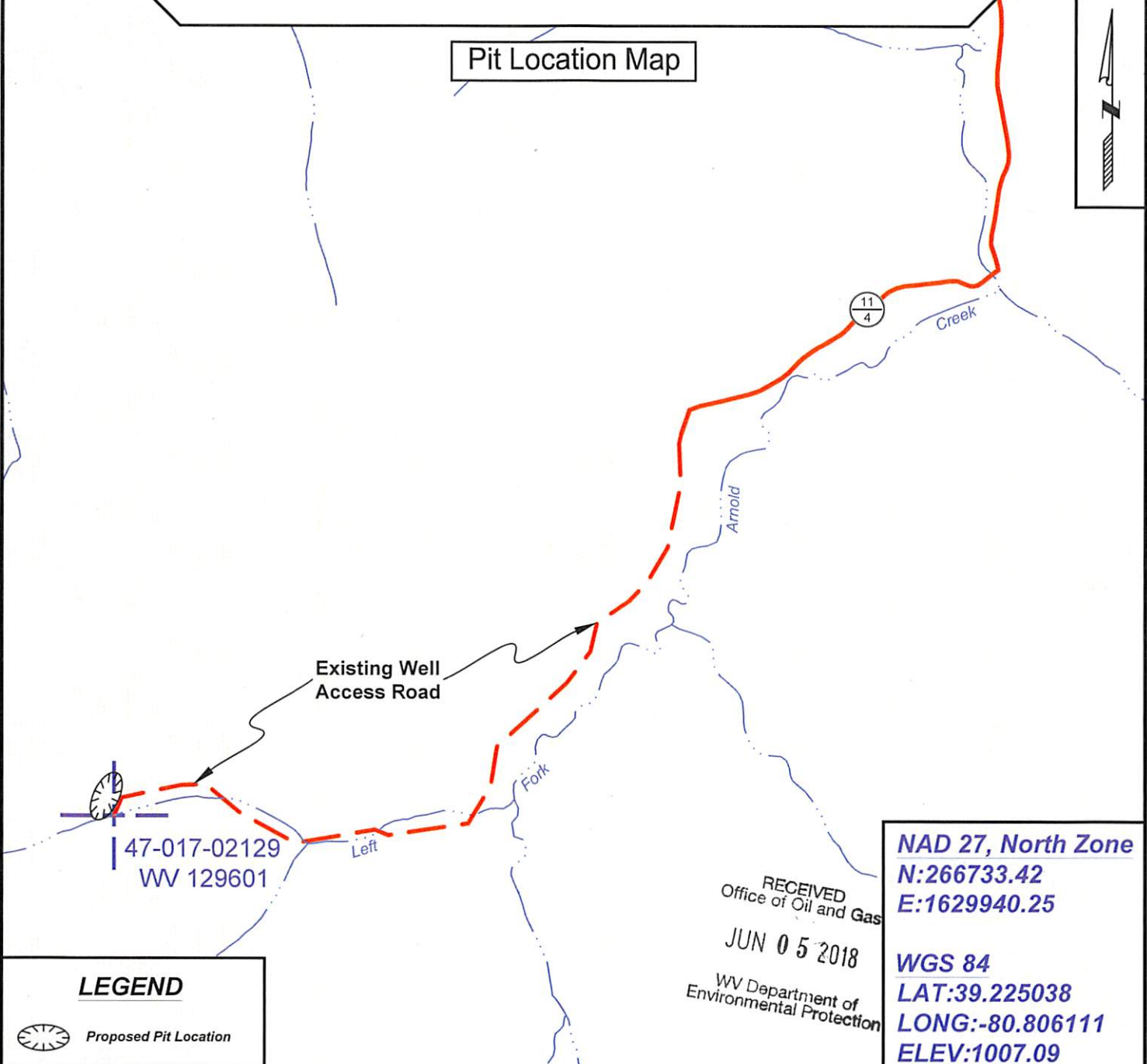
County: Doddridge Date: March 26, 2018

District: West Union Project No: 67-30-00-08

Highway

47-017-02129 WV 129601 (A. Maxwell A15)

Pit Location Map



NAD 27, North Zone
N:266733.42
E:1629940.25

WGS 84
LAT:39.225038
LONG:-80.806111
ELEV:1007.09

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LEGEND

 Proposed Pit Location



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
1-800-482-8606
237 Birch River Road
Birch River, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
2400 Ansys Drive
Canonsburg, PA 15317

06/15/2018

17-02129 P

Topo Quad: Oxford 7.5'

Scale: 1" = 2000'

County: Doddridge

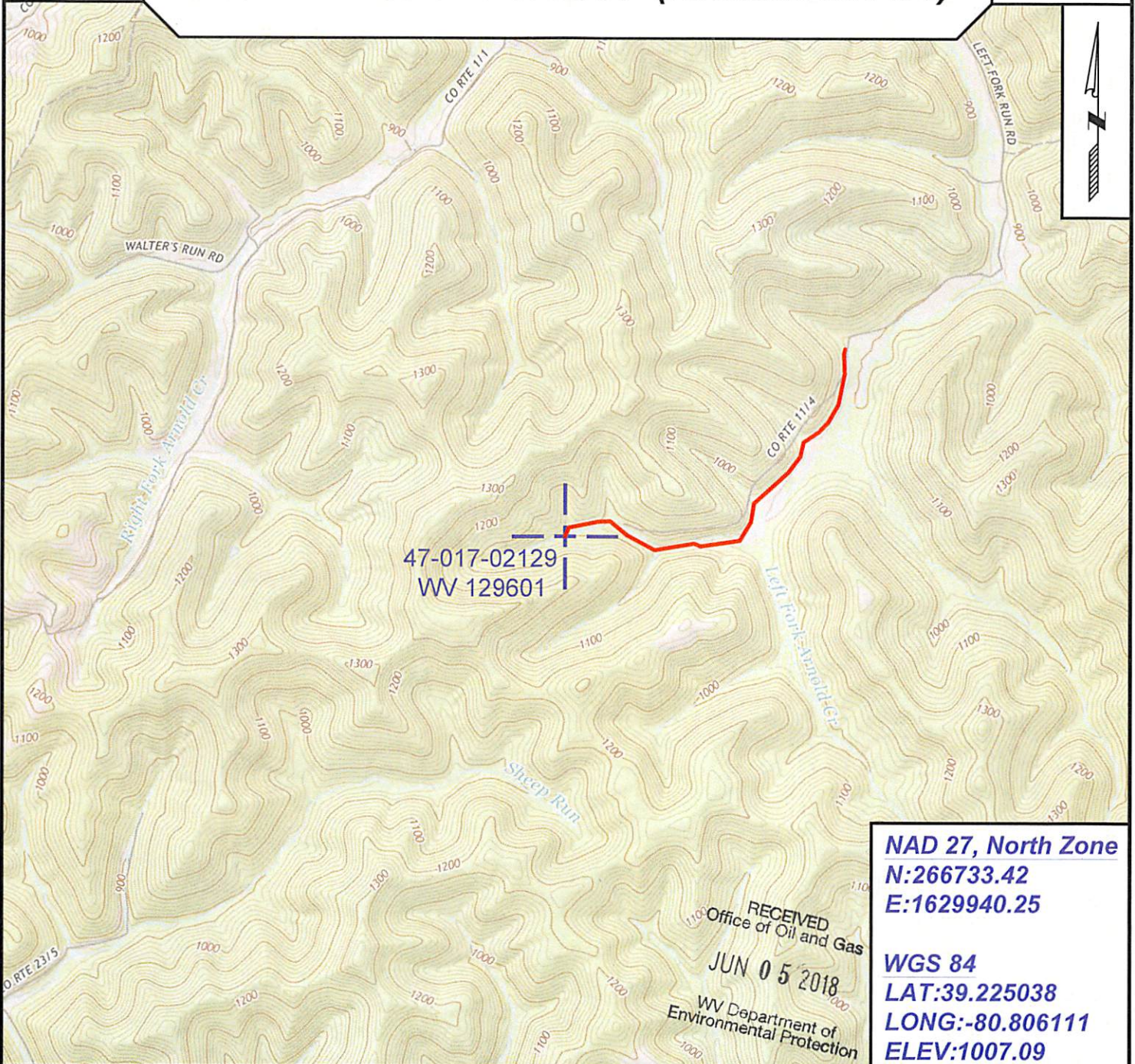
Date: March 26, 2018

District: West Union

Project No: 67-30-00-08

47-017-02129 WV 129601 (A. Maxwell A15)

Topo



47-017-02129
WV 129601

NAD 27, North Zone
N:266733.42
E:1629940.25

WGS 84
LAT:39.225038
LONG:-80.806111
ELEV:1007.09

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SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

2400 Ansys Drive
 Canonsburg, PA 15317

06/15/2018



**Miss Utility of West Virginia (WV811)
(Exhibit A)
Directions to Gas Well No. WV 129601
API No. 47-017-02129**

- Beginning at the intersection of US Interstate 79 Exit 119 (Clarksburg/Bridgeport) and US Route 50 in Harrison County, WV.
- Proceed West on US Route 50, for approximately 31.5 miles, to the intersection with WV County Route 11. *(Point No. 1)*
- Turn left onto WV County Route 11 and proceed Southeast, for approximately 0.7 mile, to WV County Route 11/4, on the left. *(Point No. 2)*
- Turn left onto WV County Route 11/4 and proceed Southeast, for approximately 4.3 miles, to the Well Access Road, on the left. *(Point No. 3)*
- Turn left onto the Well Access Road and proceed Southwest, for approximately 1.13 miles, arriving at Gas Well WV 129601. *(Point No. 4)*

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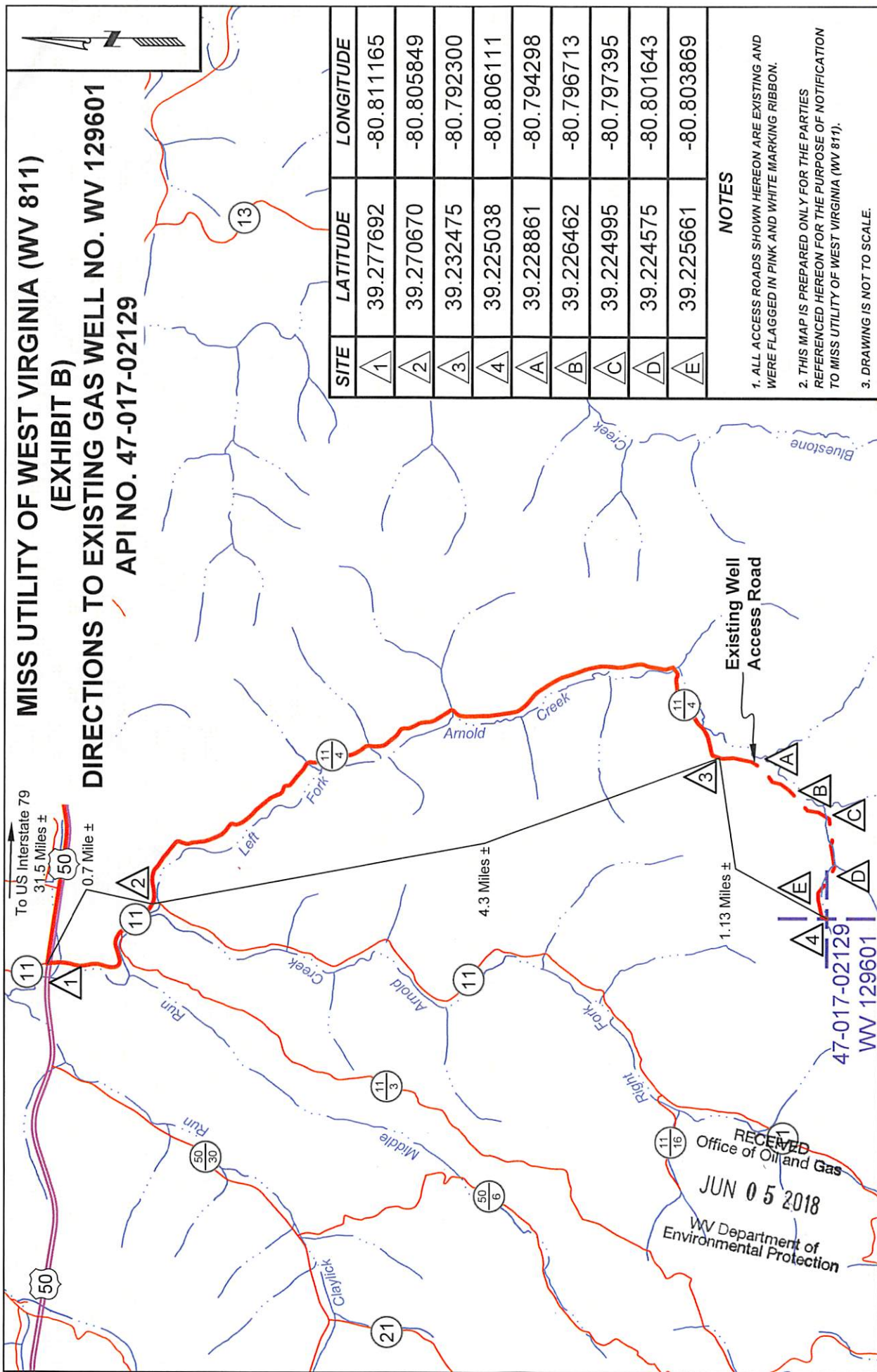
BIRCH RIVER OFFICE
237 Birch River Road
Birch River, WV 26610
phone: 304-649-8606 fax: 304-649-8608

BRIDGEPORT OFFICE
172 Thompson Drive
Bridgeport, WV 26330
phone: 304-848-5035 fax: 304-848-5037

ALUM CREEK OFFICE
P.O. Box 108 • 1413 Childress Road
Alum Creek, WV 25003
phone: 304-756-2949 fax: 304-756-2948

**MISS UTILITY OF WEST VIRGINIA (WV 811)
(EXHIBIT B)**

**DIRECTIONS TO EXISTING GAS WELL NO. WV 129601
API NO. 47-017-02129**



SITE	LATITUDE	LONGITUDE
1	39.277692	-80.811165
2	39.270670	-80.805849
3	39.232475	-80.792300
4	39.225038	-80.806111
A	39.228861	-80.794298
B	39.226462	-80.796713
C	39.224995	-80.797395
D	39.224575	-80.801643
E	39.225661	-80.803869

NOTES

1. ALL ACCESS ROADS SHOWN HEREON ARE EXISTING AND WERE FLAGGED IN PINK AND WHITE MARKING RIBBON.
2. THIS MAP IS PREPARED ONLY FOR THE PARTIES REFERENCED HEREON FOR THE PURPOSE OF NOTIFICATION TO MISS UTILITY OF WEST VIRGINIA (WV 811).
3. DRAWING IS NOT TO SCALE.

PREPARED FOR:

County:	Doddridge
District:	West Union
Date:	March 26, 2018
Project No.:	67-30-00-08
File Name:	WV 129601 MAXWELL

EQT Production Company
2400 Ansys Drive
Canonsburg, PA 15317

SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

1-800-482-8606
237 Birch River Road
Birch River, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608



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06/15/2018



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. A. Maxwell A15 - WV 129601 - API No. 47-017-02129

POTENTIAL SAMPLE LOCATIONS

There appears to be no potential water sources within the required 1000 feet of the existing well WV 129601.

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phone: 304-848-5035 fax: 304-848-5037

ALUM CREEK OFFICE
P.O. Box 108 • 1413 Childress Road
Alum Creek, WV 25003
phone: 304-756-2949 fax: 304-756-2948

17-02129P

Topo Quad: Oxford 7.5'

Scale: 1" = 2000'

County: Doddridge

Date: March 26, 2018

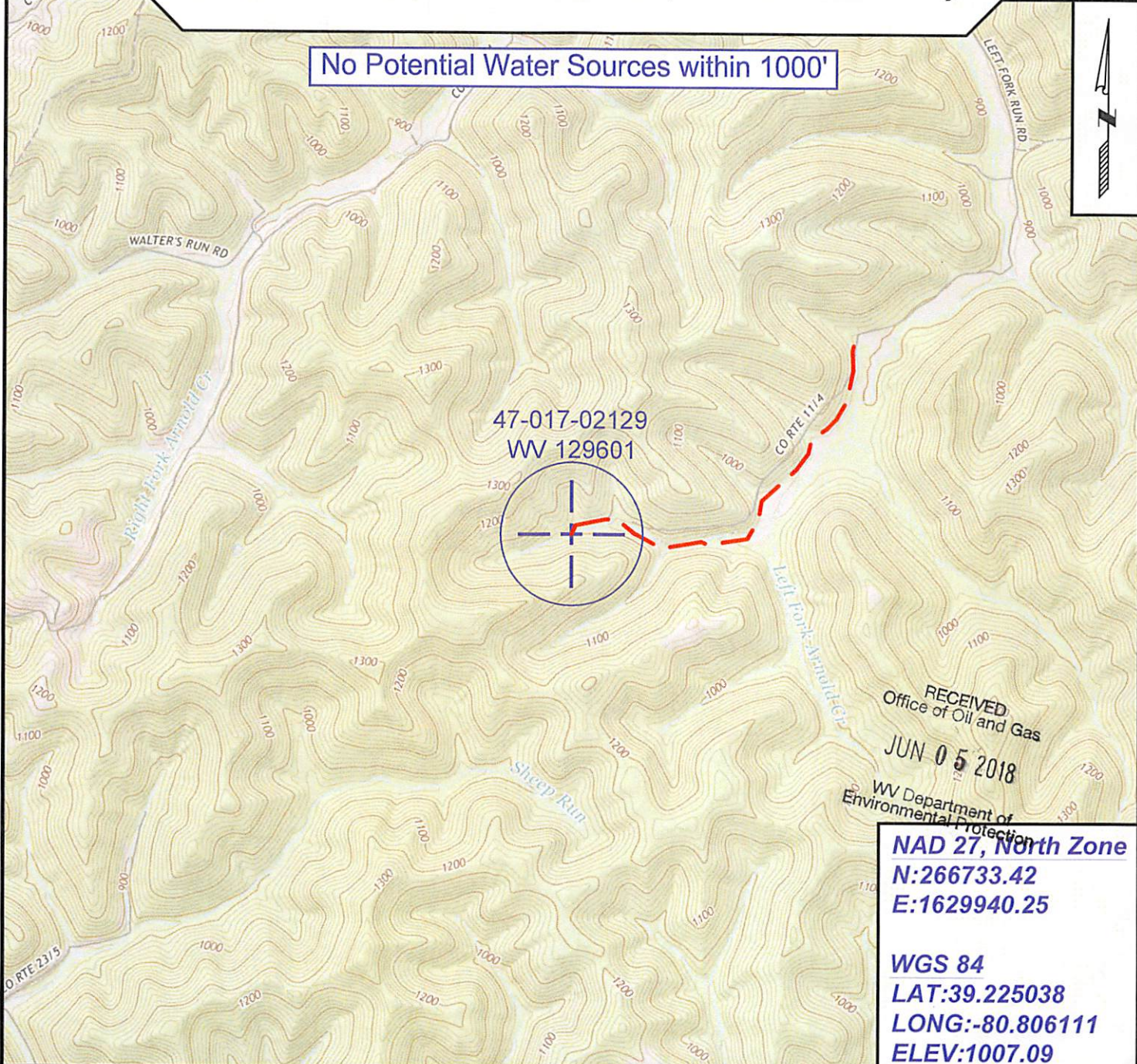
District: West Union

Project No: 67-30-00-08

Water

47-017-02129 WV 129601 (A. Maxwell A15)

No Potential Water Sources within 1000'



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NAD 27, North Zone
N:266733.42
E:1629940.25
WGS 84
LAT:39.225038
LONG:-80.806111
ELEV:1007.09



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 1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 2400 Ansys Drive
 Canonsburg, PA 15317

06/15/2018

WW-7
8-30-06



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

API: 47-017-02129 WELL NO.: WV 129601 (A. Maxwell A15)

FARM NAME: A. Maxwell

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Doddridge DISTRICT: West Union

QUADRANGLE: Oxford 7.5'

SURFACE OWNER: William Randall Hamblet & Gary Stephenson

ROYALTY OWNER: Lewis Maxwell Oil and Gas, LLC

UTM GPS NORTHING: 4341768

UTM GPS EASTING: 516736 GPS ELEVATION: 307 m (1007 ft)

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 _____ : Post Processed Differential _____
 Real-Time Differential _____
 Mapping Grade GPS X : Post Processed Differential X
 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.

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 Office of Oil and Gas
 JUN 05 2018
 WV Department of
 Environmental Protection

[Signature]
 Signature

PS # 2180
 Title

4/27/18
 Date