



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

Monday, September 17, 2018
WELL WORK PLUGGING PERMIT
Vertical Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for 2081
47-017-02030-00-00

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.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned above the printed name and title.

James A. Martin
Chief

Operator's Well Number: 2081
Farm Name: SMITH
U.S. WELL NUMBER: 47-017-02030-00-00
Vertical Plugging
Date Issued: 9/17/2018

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.

WW-4B
Rev. 2/01

1) Date May 21, 2018
2) Operator's
Well No. 602081 Charles Smith #2081
3) API Well No. 47-017 - 02030

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 830 Watershed Brush Run
District Grant County Doddridge Quadrangle Smithburg

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 Name Daniel Flack
Address 58 Rive Road
Buckhannon WV 26201
9) Plugging Contractor Name HydroCarbon Well Service
Address PO Box 995
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 4/21/18

PLUGGING PROGNOS
602081
C.B.Smith
API# 47-017-02030
District. West Union
Doddridge County, WV

BY: R Green
DATE: 06-04-18
CURRENT STATUS:
TD @ 2578'
Elevation @ 830'

10" casing @ 154'
8 1/4" casing @ 992'
6 5/8" casing @ 1839'
3" tubing @ 2578' (3" X 6 5/8" packer set @ 2228')

Fresh Water @ None Reported
Saltwater @ None Reported
Oil Show @ None Reported
Gas shows @ 1489' & 2540'
Coal @ 455', & 1110'

1. Notify inspector Daniel Flack @ 304-549-0109. 24 hrs. prior to commencing operations.
2. Check tubing and casing pressures to determine integrity of 3" tubing. If 3" tubing is determined to be good continue to step #3. If integrity is not good. call EQT supervisor and state inspector.
3. TIH and check TD and locate 3" X 6 5/8" packer.
4. TIH and perforate 3" tubing with 10 holes @ 2540' to 2560'.
5. TIH to 2560' and spot 40 bbl. of 6% gelled water followed by a 250' C1A cement plug. 2560' to 2310'. WOC 8 hrs. Tag TOC, add additional C1A cement if necessary.
6. TOOH to top of 3" X 6 5/8" packer cut 3" tubing at top of packer. TOOH 3" tubing.
7. TIH to top of packer, set a 450' C1A cement plug 2228' to 1778' (6 5/8" casing seat).
8. Free point 6 5/8" casing. cut casing @ free point. TOOH 6 5/8" casing.
9. 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. **GAS @ 1489'**
10. TOOH to 1150' set a 400' C1A cement plug 1150' to 750'. (Elevation, coal, & 8 1/4" casing seat).
11. Free point 8 1/4" casing. cut casing @ free point. TOOH 8 1/4" casing.
12. 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.
13. TOOH to 550' set a 200' C1A cement plug. 550' to 350' (Coal @ 455').
14. TOOH to 200' set a 100' C1A cement plug 200' to 100' (10" casing seat).
15. Free point 10" casing. cut casing @ free point. TOOH 10" casing.
16. Set a 100' C1A cement plug 50' in casing cut to surface. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.

All attempts must be made to pull All pipe
PAF
6/21/18

17. Note* If unable to cut and pull 10" casing TIH and perforate 10" casing with 5 holes each @ 100' & 50'. TIH to 100' set a 100' CIA cement plug 100' to surface.
18. Erect monument with API#, date plugged, company name.
19. Reclaim road, and location, to WV-DEP specifications.

RECEIVED
Office of Oil and Gas

JUN 14 2018

WV Department of
Environmental Protection

RECEIVED
Office of Oil and Gas
JUN 14 2018
Environmental Protection
DISTRICT C/A
ENVIRONMENTAL

WELL NO. 2081 LESSOR Smith, C.B. LEASE NO. 1980 ACRES 75 MAP Cont. SW 1-2 ELEVATION 1000' DISTRICT C/A

W/O NO.	DATE	REASON	COMPLETED	C/O	COMPLETED	OR D/D	VOLUME	ROCK PRESS.	DATE	AMT.	DEPTH	VOLUME
20-16	2-5-40	492.64	1-7-46	1-2-46	257.4	0	57.3	50	73	257.4	257.4	257.4
20-15	12-2-40	4.0	10-5-40	11-26-40	257.5	16	45.3	20	67	257.5	257.5	257.5

DATE	READING	LIQUID	SIZE	OPENING	TURING	MINUTES	24 HR. 10 DAY	VOLUME	PRODUCING SAND	DATE LAID	DATE RCL'D	REMARKS
7-27-41	0.8					1-10	3.0	5.0				
8-4-41	65					2-10	350	477				
5-31-43	3"					3-20	400	427				
7-27-47												

DATE	READING	LIQUID	SIZE	OPENING	TURING	MINUTES	24 HR. 10 DAY	VOLUME	PRODUCING SAND	DATE LAID	DATE RCL'D	REMARKS
12-10	132.5											
13-30	122.0											
14-8-9	153.2											
17-22	178.1											
18-20	185.7											
18-5-4	180.0											

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WW-4A
Revised 6-07

1) Date: May 21, 2018
2) Operator's Well Number 602081 Charles Smith #2081
3) API Well No.: 47 - 017 - 02030

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

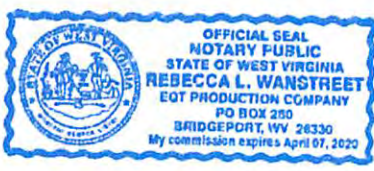
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>See Attached</u>	Name _____
Address _____	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
(c) Name _____	Address _____
Address _____	Name _____
Address _____	Address _____
6) Inspector <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>	Address _____

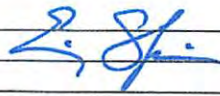
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

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

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

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



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

Subscribed and sworn before me this 10 day of June 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 depprivacyofficer@wv.gov.

47-017-02030

602081 (Charles Smith #2081)

Owner(s) (Surface and Access)

Connie Sue Martin (LE) /
920 Brush Run
West Union, WV 26456

Michael and Melinda Seckman (Remaindermen) /
844 Brush Run
West Union, WV 26456

Coal Owner(s):

Tarence A. Grant and Donna J. Grant /
Trustees of the Grant Family Revocable Trust
209 Sharon Drive
Weirton, WV 26062

Potential Water Owner(s):

Jeff Bonnell /
689 Brush Run
West Union WV 26456

Juanita Krafft /
726 Brush Run
West Union WV 26456

Michael and Melinda Seckman (Remaindermen) /
844 Brush Run
West Union, WV 26456

Connie Sue Martin (LE) /
920 Brush Run
West Union, WV 26456

Elizabeth Bradford /
11458 Fruitwood Way
Germantown MD 20876

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Office of Oil and Gas
JUN 14 2018
WV Department of
Environmental Protection

WW-9
(5/16)

API Number 47 - 017 - 02030
Operator's Well No. 602081 Charles Smith #2081

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) Brush Run Quadrangle Smithburg

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 [Signature]
Company Official (Typed Name) Erin Spine
Company Official Title Regional Land Supervisor

Subscribed and sworn before me this 10 day of June, 2018

Rebecca L. Wanstreet
My commission expires 4-7-2020



17-02030P
09/21/2018

Form WW-9

Operator's Well No. 602081 Charles Smith #2081

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: 

Comments: _____

Title: Oil Gas Inspector Date: 6/21/18

Field Reviewed? () Yes () No

17-02030 P

09/21/2018

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

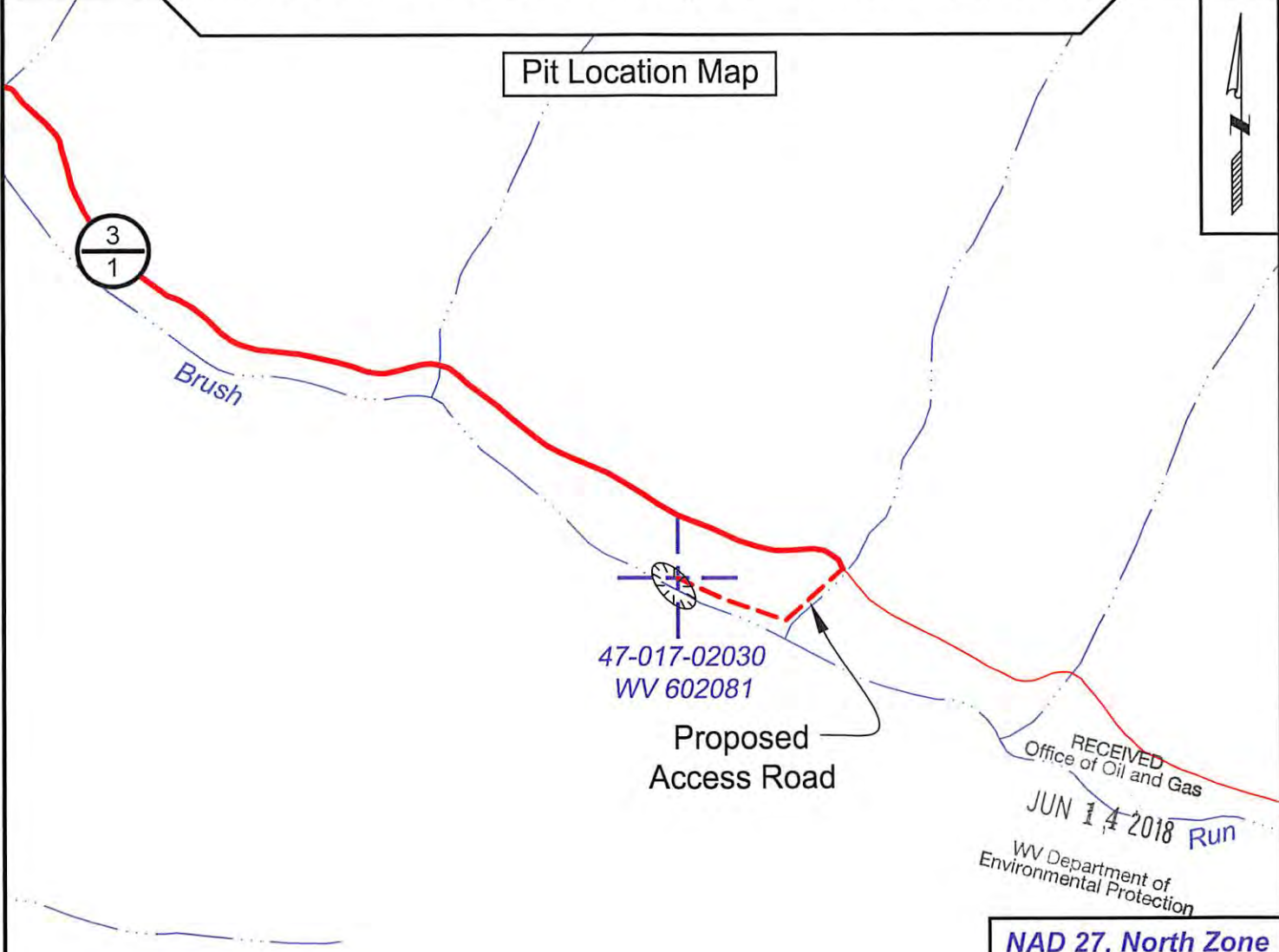
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Office of Oil and Gas
JUN 14 2018
WV Department of
Environmental Protection

17-02030 P
09/21/2018

Topo Quad: Smithburg 7.5'	Scale: 1" = 500'
County: Doddridge	Date: April 26, 2018
District: Grant	Project No: 67-30-00-08

Highway **47-017-02030 WV 602081 (Charles Smith #2081)**

Pit Location Map



RECEIVED
Office of Oil and Gas
JUN 14 2018 Run
WV Department of
Environmental Protection

NAD 27, North Zone
N:317849.37
E:1659155.13

WGS 84
LAT:39.366489
LONG:-80.705415
ELEV:830.80

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

Topo Quad: Smithburg 7.5'

Scale: 1" = 200'

County: Doddridge

Date: March 26, 2018

District: Grant

Project No: 67-30-00-08

47-017-02030 WV 602081 (Charles Smith #2081)

Topo

Pit Location Map



Brush



47-017-02030
WV 602081

Proposed
Access Road

Run

RECEIVED
Office of Oil and Gas
JUN 14 2018
WV Department of
Environmental Protection

NAD 27, North Zone
N:317849.37
E:1659155.13

WGS 84
LAT:39.366489
LONG:-80.705415
ELEV:830.80

LEGEND



Proposed Pit Location



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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

P.O. Box 280
Bridgeport, WV 26330

Topo Quad: Smithburg 7.5'

Scale: 1" = 2000'

County: Doddridge

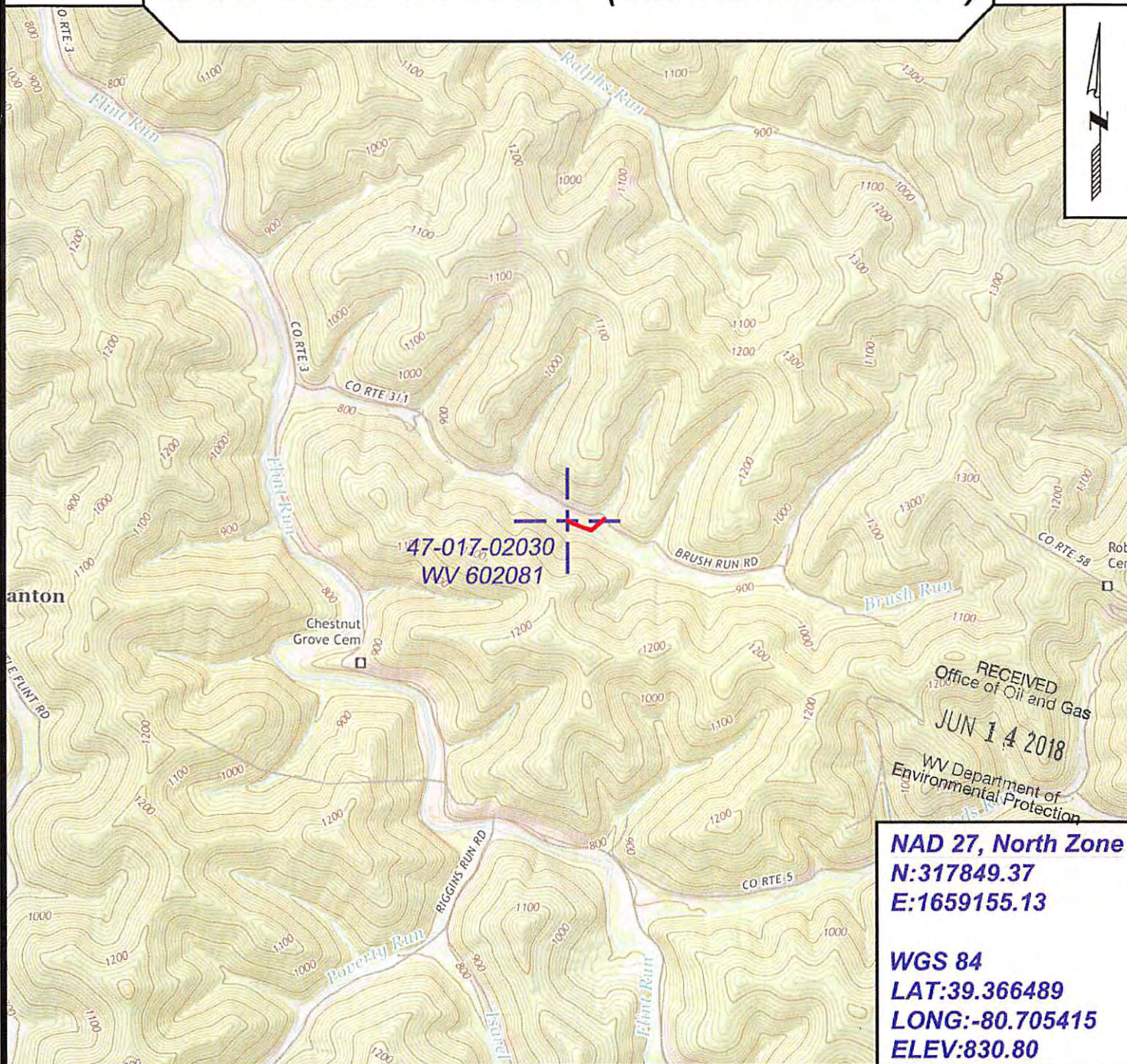
Date: April 26, 2018

District: Grant

Project No: 67-30-00-08

47-017-02030 WV 602081 (Charles Smith #2081)

Topo



NAD 27, North Zone
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E:1659155.13

WGS 84
LAT:39.366489
LONG:-80.705415
ELEV:830.80



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 PH: (304) 649-8606
 FAX: (304) 649-8608

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



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. Charles Smith #2081 - WV 602081 - API No. 47-017-02030

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 985 +/- Owner: Jeff Bonnell
Address: 689 Brush Run, West Union, WV 26456 Phone No. 304-873-1751
Comments: Door hanger left

Site: 2 Spacing: 865 +/- Owner: Juanita Krafft
Address: 726 Brush Run, West Union, WV 26456 Phone No. 304-873-1782
Comments: _____

Site: 3 Spacing: 200 +/- Owner: Michael & Melinda Seckman
Address: 844 Brush Run, West Union, WV 26456 Phone No. 304-873-3342
Comments: _____

Site: 4 Spacing: 300 +/- Owner: Connie Sue Martin
Address: 920 Brush Run Road, West Union, WV 26456 Phone No. 304-873-1450
Comments: _____

Site: 5 Spacing: 530 +/- Owner: Elizabeth Bradford
Address: 11458 Fruitwood Way, Germantown, MD 20876 Phone No. 304-972-2854
Comments: Pond

Site: 6 Spacing: 800 +/- Owner: Elizabeth Bradford
Address: 11458 Fruitwood Way, Germantown, MD 20876 Phone No. 304-972-2854
Comments: _____

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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 (WV811)

(Exhibit A)

Directions to Gas Well No. WV 602081

API No. 47-017-02030

- Beginning at the intersection of US Interstate 79 and US route 50 (Exit 119 Clarksburg/Bridgeport) in Harrison County, West Virginia
- Turn left onto US-50 W and proceed West, for approximately 19.4 miles, arriving at the intersection of US-50 W and WV County Route 9 (Tarkiln Run)
- Turn right onto WV County Route 9 (Tarkiln Run) and proceed North, for approximately 160 feet, arriving at the intersection of WV County Route 9 (Tarkiln Run) and Old US-50.
- Turn left onto Old US-50 and proceed West, for approximately 0.2 mile, arriving at the junction of Old US-50 and WV County Route 3 (Big Flint Road)
- Turn right onto WV County Route 3 (Big Flint Road) and proceed North, for approximately 9 miles, arriving at the junction of WV County Route 3 (Big Flint Road) and WV County Route 3/1 (Brush Run Road) *(Point No. 1)*
- Turn right onto WV County Route 3/1 (Brush Run Road) and proceed Southeast, for approximately 1 mile, arriving at the Gas Well Access Road on the right. *(Point No. 2)*
- Turn right and proceed south, for approximately 600 feet, arriving at Gas Well WV 602081. *(Point No. 3)*

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BIRCH RIVER OFFICE

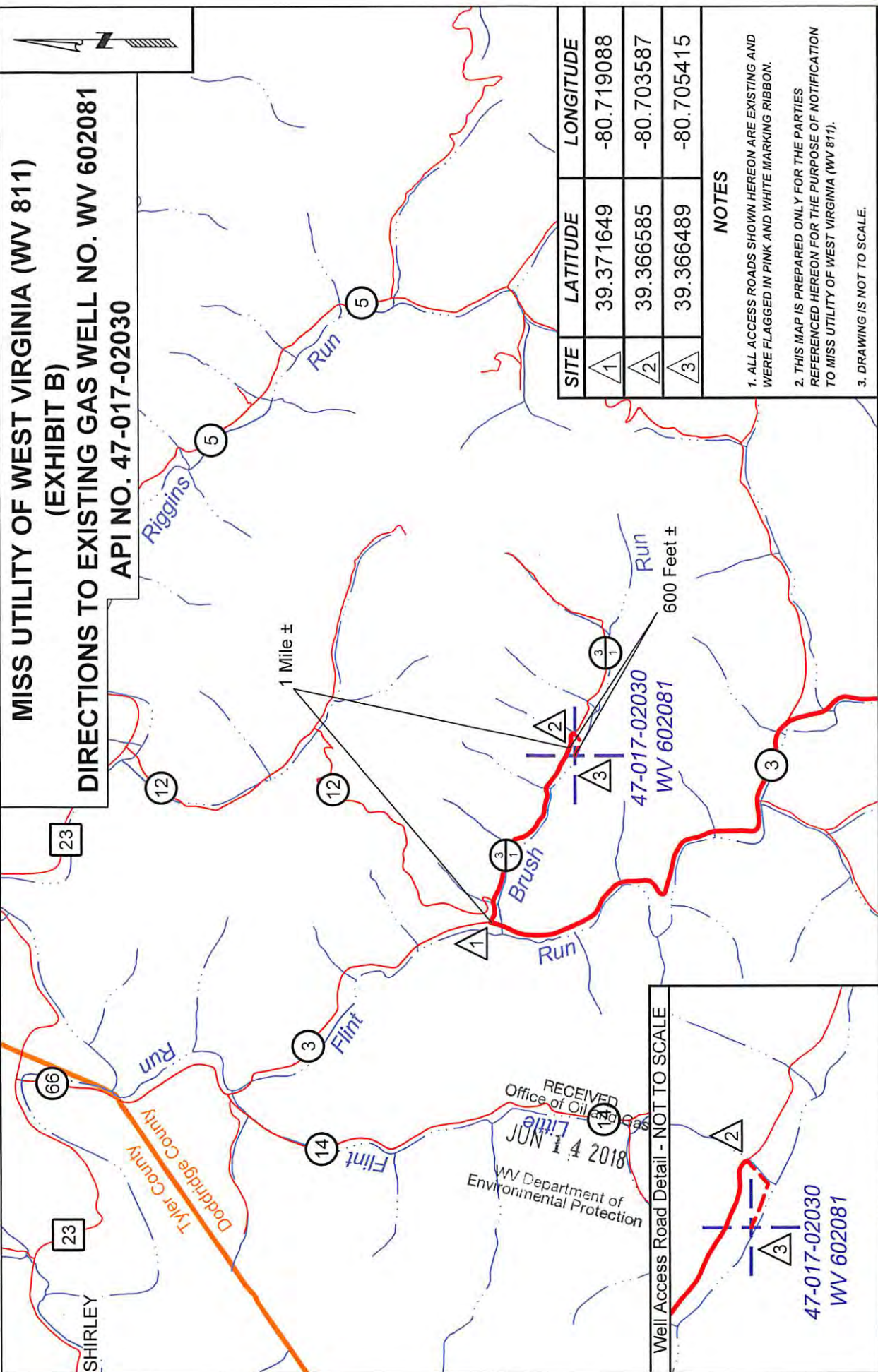
237 Birch River Road
Birch River, WV 26610
phone: 304-649-8606 fax: 304-649-8608

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Alum Creek, WV 25003
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**MISS UTILITY OF WEST VIRGINIA (WV 811)
(EXHIBIT B)
DIRECTIONS TO EXISTING GAS WELL NO. WV 602081
API NO. 47-017-02030**

SITE	LATITUDE	LONGITUDE
1	39.371649	-80.719088
2	39.366585	-80.703587
3	39.366489	-80.705415

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:
EQT Production Company
2400 Ansys Drive
Canonsburg, PA 15317

County: Doddridge
District: West Union
Date: March 26, 2018
Project No: 67-30-00-08
File Name: WV 602081 SMITH

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



Well Access Road Detail - NOT TO SCALE
47-017-02030
WV 602081

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WV Department of Environmental Protection

WW-7
8-30-06



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

API: 47-017-02030 WELL NO.: WV 602081 (Charles Smith #2081)

FARM NAME: Charles Smith

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Doddridge DISTRICT: Grant

QUADRANGLE: Smithburg 7.5'

SURFACE OWNER: Connie Sue Martin

ROYALTY OWNER: Grant Family Revocable Trust

UTM GPS NORTHING: 4357489

UTM GPS EASTING: 525377 GPS ELEVATION: 253 m (830 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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS _____ : Post Processed Differential _____
 Real-Time Differential _____

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

- 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.

[Signature]
Signature

PS # 2100
Title

4/26/18
Date

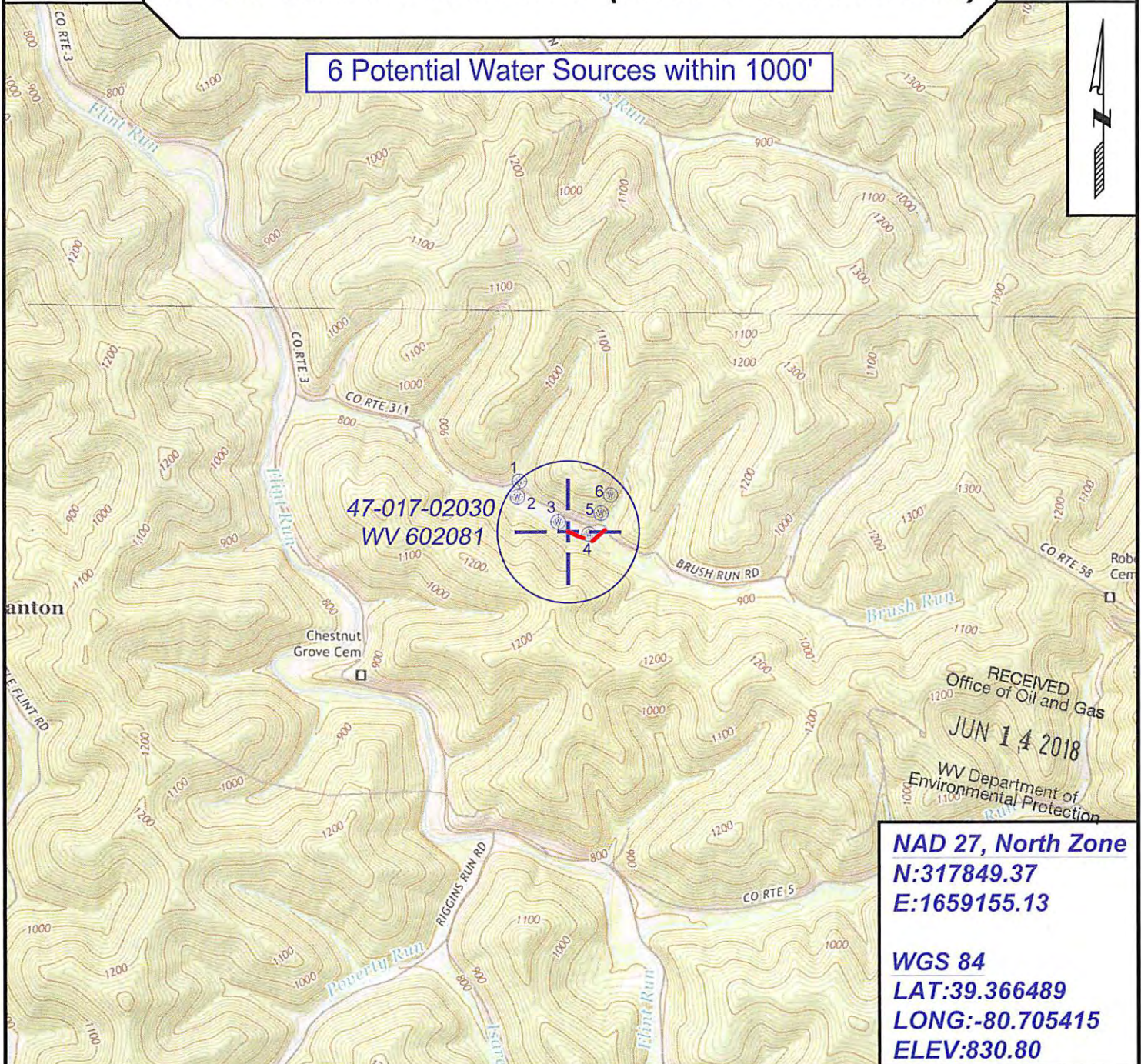
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Topo Quad: Smithburg 7.5' Scale: 1" = 2000'
 County: Doddridge Date: April 26, 2018
 District: Grant Project No: 67-30-00-08

Water

47-017-02030 WV 602081 (Charles Smith #2081)

6 Potential Water Sources within 1000'



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NAD 27, North Zone
N:317849.37
E:1659155.13

WGS 84
LAT:39.366489
LONG:-80.705415
ELEV:830.80



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