



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, July 3, 2019
WELL WORK PLUGGING PERMIT
Vertical Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for WV 605510 (Ben Smith1)
47-017-02777-00-00

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

A blue ink signature of James A. Martin, Chief, is written over the text.

Operator's Well Number: WV 605510 (Ben Smith1)
Farm Name: SMITH, BEN
U.S. WELL NUMBER: 47-017-02777-00-00
Vertical Plugging
Date Issued: 7/3/2019

H

47-017-02777A

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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

WW-4B
Rev. 2/01

1) Date May 14, 2019
2) Operator's
Well No. 605510 Ben Smith #1
3) API Well No. 47-017 - 02777

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 1044 Watershed Camp Mistake Run
District West Union County Doddridge Quadrangle West Union 7.5'
- 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

Daniel C. Flack

Date

5/15/19

PLUGGING PROGNOSIS

605510

B. Smith #1

API# 47-017-02777

District, West Union

Doddridge County, WV

BY: R Green

DATE: 1/16/17

CURRENT STATUS:**TD @ 2688'****(* Note drilled deeper from 2121' to 2688' in 1918)****Elevation @ 950'**

10" casing @ 340'(Pulled)

8 1/4" casing @ 1148'(Pulled)

6 5/8" casing @ 1183'

5 3/16" casing @ 2121'

2" tubing @ 2688'. (Set on 2" X 5 3/16" packer @ 2255')

Fresh Water @ None reported

Saltwater @ 1000' & 1810'

Oil Show @ None reported**Gas shows @** 2380'

Coal @ 365' & 625'

ADD GEL WHEN NECESSARY TO MAKE SURE
ENTIRE WELL BORE IS FILLED WITH GEL SPACERS
BETWEEN CEMENT PLUGS. *gmm*

1. Notify inspector, Daniel Flack, @ 304-545-0109, 24 hrs. prior to commencing operations.
2. ***Note, if any casings without cement in the annulus cannot be retrieved, make sure to consult with Inspector, & EQT supervisor and to perforate all saltwater, freshwater, coal, oil & gas shows, and elevation in the well.**
3. TIH check TD & find 2" X 5 3/16" packer.
4. Release packer & TOOH 2" tubing & packer.
5. TIH to 2600', spot 25 bbl. of 6% gelled water, followed by a 300' C1A cement plug, 2600' to 2300'. WOC 8 hrs., TAG TOC, add additional C1A cement if necessary.
6. TOOH hole to 2200', set 300' C1A cement plug 2200' to 1900'.
7. Free point 5 3/16" casing, cut casing @ free point. TOOH casing.
8. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all saltwater, freshwater, coal, oil and gas shows below cut. Do not omit any plugs.
9. TOOH to 1600', set 200' C1A cement plug 1600' to 1400'.
10. TOOH to 1250', set 400' C1A cement plug 1250' to 850'. (elevation, 7" casing seat & 8 1/4" casing seat).
11. Free point 6 5/8" casing, cut casing @ free point. TOOH casing.
12. Set 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 700', set 100' C1A cement plug 700' to 600'. (Coal @ 625').
14. TOOH to 400', set 400' C1A cement plug 400' to surface. (Coal @ 365').
15. Erect monument with API#, date plugged, company name, and company 6-digit ID#.
16. Reclaim location and road to WV-DEP specifications.

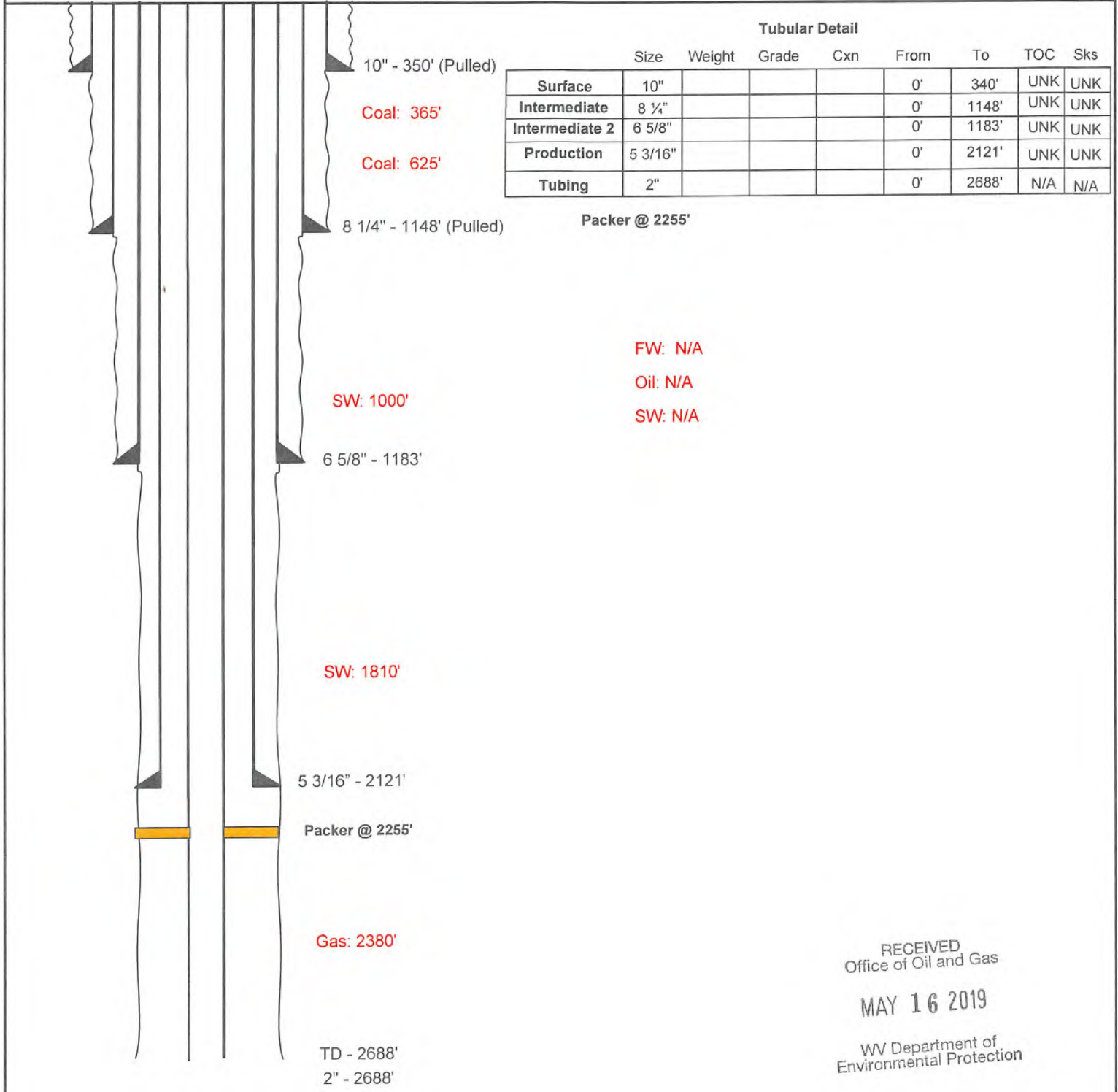
RECEIVED
Office of Oil and Gas

MAY 16 2019

WV Department of
Environmental Protection

EQT	Conventional Well
-----	-------------------

Well : 605510 Pad : B. Smith County : Doddridge Location : Lat: Long: BHL : Lat: Long:	Rig : Elevation : 950' State : WV
---	--



RECEIVED
Office of Oil and Gas

MAY 16 2019

WV Department of
Environmental Protection

WELL RECORD

PRODUCTION FIRST 24 HOURS FROM

Sand Bbls. Approved. Sand Bbls. By Supt

Ben Smith FARM, No. OF LEASE No. ACR
West Union DISTRICT Doddridge COUNTY W. Va. STA
WELL No. 1 DATE OF LOCATION 19...
RIG COMMENCED 19...
RIG COMPLETED 19...
DRILLING COMMENCED Pre 1920 19... CONTRACT
DRILLING COMPLETED Pre 1920 19... J. E. Trainer. CONTRACT

CASING RECORD

Table with columns: CHARGED TO WELL (Size, Feet, In.), PUT IN WELL (Feet, In.), BOTTOM OF CASING (Feet, In.), PULLED OUT OF WELL (Feet, In.), LEFT IN WELL (Feet, In.), TRANSFERRED Before Completion (Feet, In.), LEFT AT WELL NOT IN USE (Feet, In.). Rows include 10", 8-1/4", 6-5/8", 5-3/16", 3", 2" casing sizes.

Table with columns: Formation, Top, Bottom, Remarks. Rows include Conductor, Native Coal, Pittsburgh Coal, Little Dunkard Sand, Big Dunkard Sand, Gas Sand, First Salt Sand, Second Salt Sand, Water 3rd Salt Sand, Muxou Sand, Little Lime, Pencil Cave, Big Lime, Big Injun Sand, Gas, First Pay, Second Pay, Water, Squaw Sand, Gantz Sand, Fifty Foot Sand, Thirty Foot Sand, Gordon Stray Sand, Gordon Sand, Gas, First Pay Sand, Second Pay, Fourth Sand, Fifth Sand, Gas, Oil, Bayard Sand.

Nov. 1, 1927 194. W. Va. Gas Co. Lines
Nov. 1, 1927 = 17/16 W-1" = 457

ABANDONED 191...
Size Casing Pulled Casing Left In

RECEIVED Office of Oil and Gas
MAY 16 2019
WV Department of Environmental Protection

REMARKS

Total Depth 2121 1st Drilling
2688 2nd Drilling



Well Pad Site Pictures
Ben Smith #1
WV 605510 47-017-02777



WV 605510 Well ID Sign



WV 605510 Well Pad Site

RECEIVED
Office of Oil and Gas

MAY 16 2019

WV Department of
Environmental Protection

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

Elev. 950' est

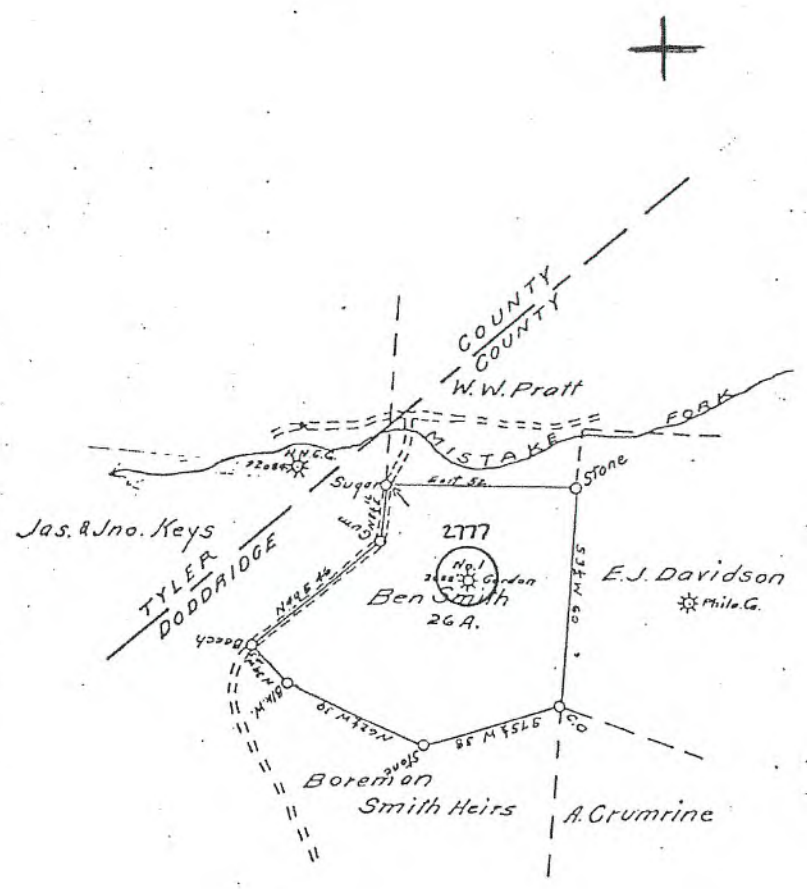
017-2777

605510
Ben Smith
Dodd. Co.
017-02777

4400'

39°22'30"

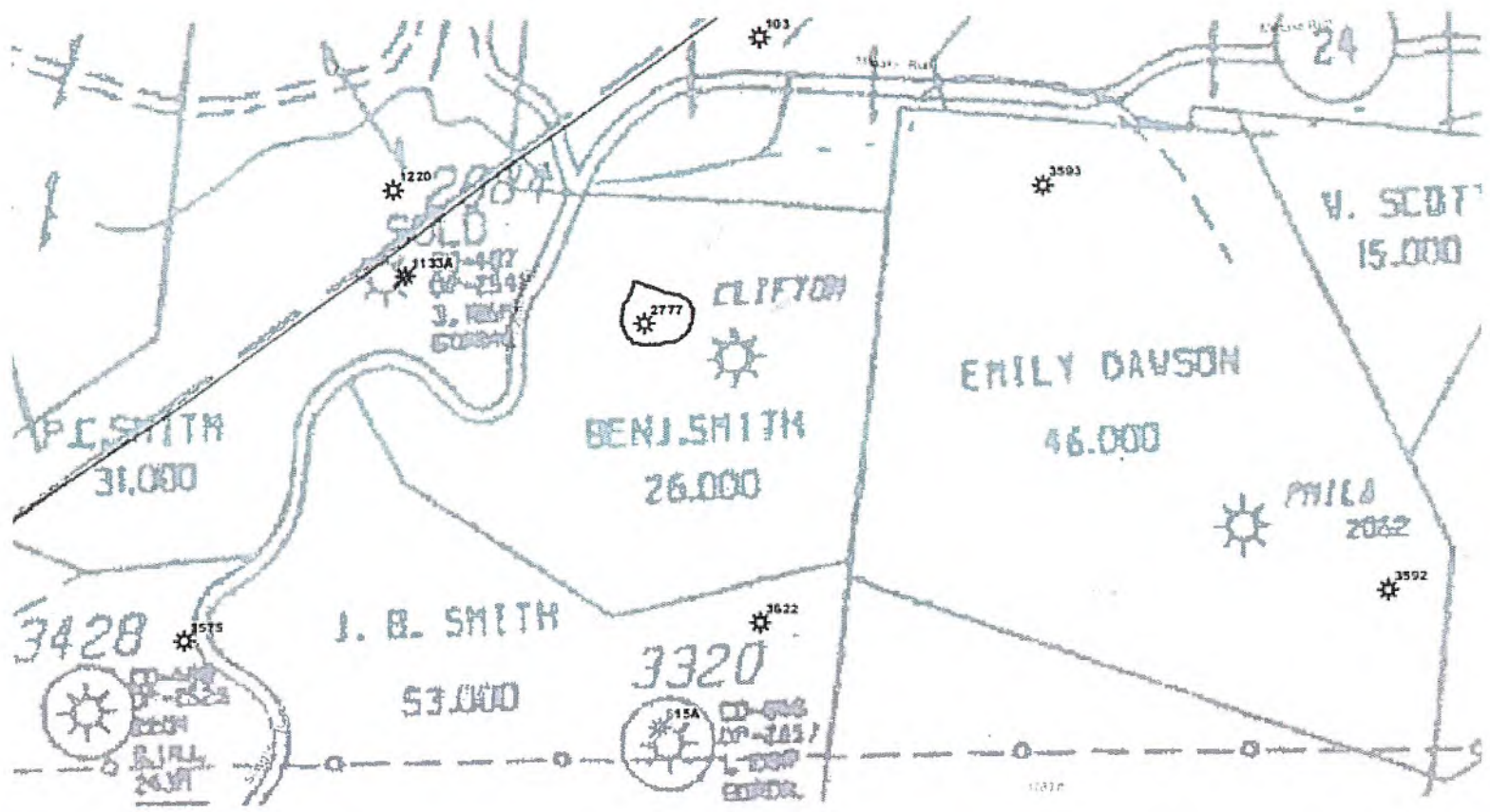
47°47'30"



Eastern Petroleum Co.
Ben Smith 26A. Lease
West Union Dist. Doddridge Co. W. Va.
 Sept. 3, 1919 Scale 40 P. = 1 in.
 Rev. 11.1.19

RECEIVED
 Office of Oil and Gas
 MAY 16 2019
 WV Department of
 Environmental Protection

West Union 2



RECEIVED
 Office of Oil and Gas
 MAY 16 2019
 WV Department of
 Environmental Protection

WW-4A
Revised 6-07

1) Date: May 14, 2019
2) Operator's Well Number
605510 Ben Smith #1
3) API Well No.: 47 - 017 - 02777

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>	5) (c) Coal Lessee with Declaration
Address <u>58 Rive Road</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-545-0109</u>	_____

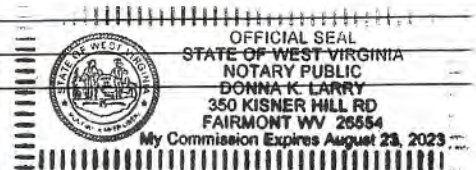
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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: Todd Klauer
 Its: Regional Land Manager
 Address 2400 Ansys Drive, Suite 200
Canonsburg PA 15317
 Telephone (724) 271-7314



Subscribed and sworn before me this 14th day of May, 2019
Donna K. Larry Notary Public
 My Commission Expires 8-23-2023

RECEIVED
Office of Oil and Gas

MAY 16 2019

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 its 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.

~~COAL~~
SURFACE OWNER WAIVER

47-017-02777P

Operator's Well
Number

605510 Ben Smith #1

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 or seek review of 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.

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,


Signature

Date 5/21/2019 Name _____
By _____
Its _____

Date

Jeffrey W. Smith

Signature

Date

47-017-02777

605510 Ben Smith #1

Owner(s) (Surface and Access)

Walter Myers ✓
HCR 74 Box 41 ✓
Wilbur, WV 26320

Judith Bagley ✓
1585 Slaughter Rd ✓
Alma, WV 26320

Coal Owner(s)

William Leon Tingler /
572 Azalea Rd /
Daleville, VA 24083

Terry Allan Tingler /
522 Kuhl Ave /
Clarksburg, WV 26362

John Franklin Smith /
157 Cherry St /
Harrisville, WV 26362

Ronnie Lee Smith /
79 Trouble Acre Lane /
Fort Gay, WV 25514

James Eugene Smith /
1700 Pinewood Dr /
Charleston, WV 25320

Deloris Jean Hutson /
1081 Wallace Rd /
Wallace, WV 26448

Michael Lynn Smith /
5521 Marys Way /
Rougemont, NC 27572

Larry P Smith /
195 Horseshoe Dr /
New Martinsville, WV 26155

RECEIVED
Office of Oil and Gas

MAY 16 2019

WV Department of
Environmental Protection

47-017-02777

605510 Ben Smith #1

Coal Owner(s) Continued...

Nola Rae Smith
5967 Giddings Rd
Rootstown, OH 44272

Roger W Smith
300 West Jackson St
Paden City, WV 26159

Barbara J Smith
8569 Energy Highway
Friendly, WV 26146

Jeffrey W Smith
5018 West Phelps Rd
Glendale, AZ 85306

Potential Water Owner(s)

John Cottrill
1585 Slaughter Run Rd
Alma, WV 26320

Judith Bagley
1585 Slaughter Run Rd
Alma, WV 26320

Donald Michels
202 George St
West Union, WV 26456

RECEIVED
Office of Oil and Gas

MAY 16 2019

WV Department of
Environmental Protection

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 306686

Watershed (HUC 10) Camp Mistake Run Quadrangle West Union 7.5'

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) Todd Klaner

Company Official Title Regional Land Manager



Subscribed and sworn before me this 14th day of May, 2019

Donna K. Larry Notary Public

My commission expires 8-23-2023

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: _____

Date: _____

Field Reviewed? () Yes () No

RECEIVED
Office of Oil and Gas
MAY 16 2019
WV Department of
Environmental Protection

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

RECEIVED
Office of Oil and Gas
MAY 16 2019
WV Department of
Environmental Protection

Topo Quad: West Union 7.5'

Scale: 1" = 200'

47-017-02777P

County: Doddridge

Date: April 29, 2019

District: West Union

Project No: 67-30-00-08

47-017-02777 WV 605510 (Ben Smith #1)

Topo

Pit Location Map



Tyler County
Doddridge County

47-017-02777
WV 605510



24

Existing Access Road

24

LEGEND



Proposed Pit Location

NAD 27, North Zone
N:313294.45
E:1630449.40

WGS 84
LAT:39.352880
LONG:-80.806704
ELEV:1049.77

Office of Oil and Gas



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, Suite 200
Cannonsburg, PA 15317

MAY 16 2019

WV Department of Environmental Protection

Topo Quad: West Union 7.5'

Scale: 1" = 500'

47-017-02777A

County: Doddridge

Date: April 29, 2019

District: West Union

Project No: 67-30-00-08

Highway

47-017-02777 WV 605510 (Ben Smith #1)

Pit Location Map



Tyler County
Doddridge County

47-017-02777
WV 605510

Existing Access Road


RECEIVED
Office of Oil and Gas

MAY 16 2019

WV Department of
Environmental Protection
NAD 27, North Zone
N:313294.45
E:1630449.40

WGS 84
LAT:39.352880
LONG:-80.806704
ELEV:1043.77'

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, Suite 200
Cannonsburg, PA 15317



Miss Utility of West Virginia (WV811)

(Exhibit A)

Directions to Gas Well No. WV 605510

API No. 47-017-02777

- Beginning at the intersection of US Interstate 79 Exit 119 (Bridgeport/Clarksburg) and US Route 50.
- Proceed West along US Route 50, for approximately 28.9 miles, to the intersection of US Route 50 and WV Route 18. *(Point No. 1)*
- Turn right onto WV Route 18 and proceed North, for approximately 0.5 mile, turning right to stay on WV Route 18.
- Proceed East along WV Route 18, for approximately 226 feet, turning left to stay on WV Route 18.
- Proceed North along WV route 18, for approximately 0.4 mile, turning right to stay on WV Route 18.
- Proceed North along WV Route 18, for approximately 5.5 mile, to the intersection of WV Route 18 and WV County Route 24. *(Point No. 2)*
- Turn right onto WV County Route 24 and proceed North, for approximately 1.2 miles, to the Well Access Road on the right. *(Point No. 3)*
- Turn right onto the Well Access Road and proceed Northeast, for approximately 0.34 mile, arriving at WV 605510. *(Point No. 4)*

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

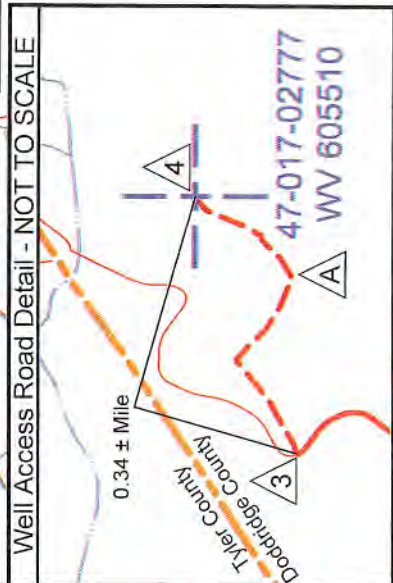
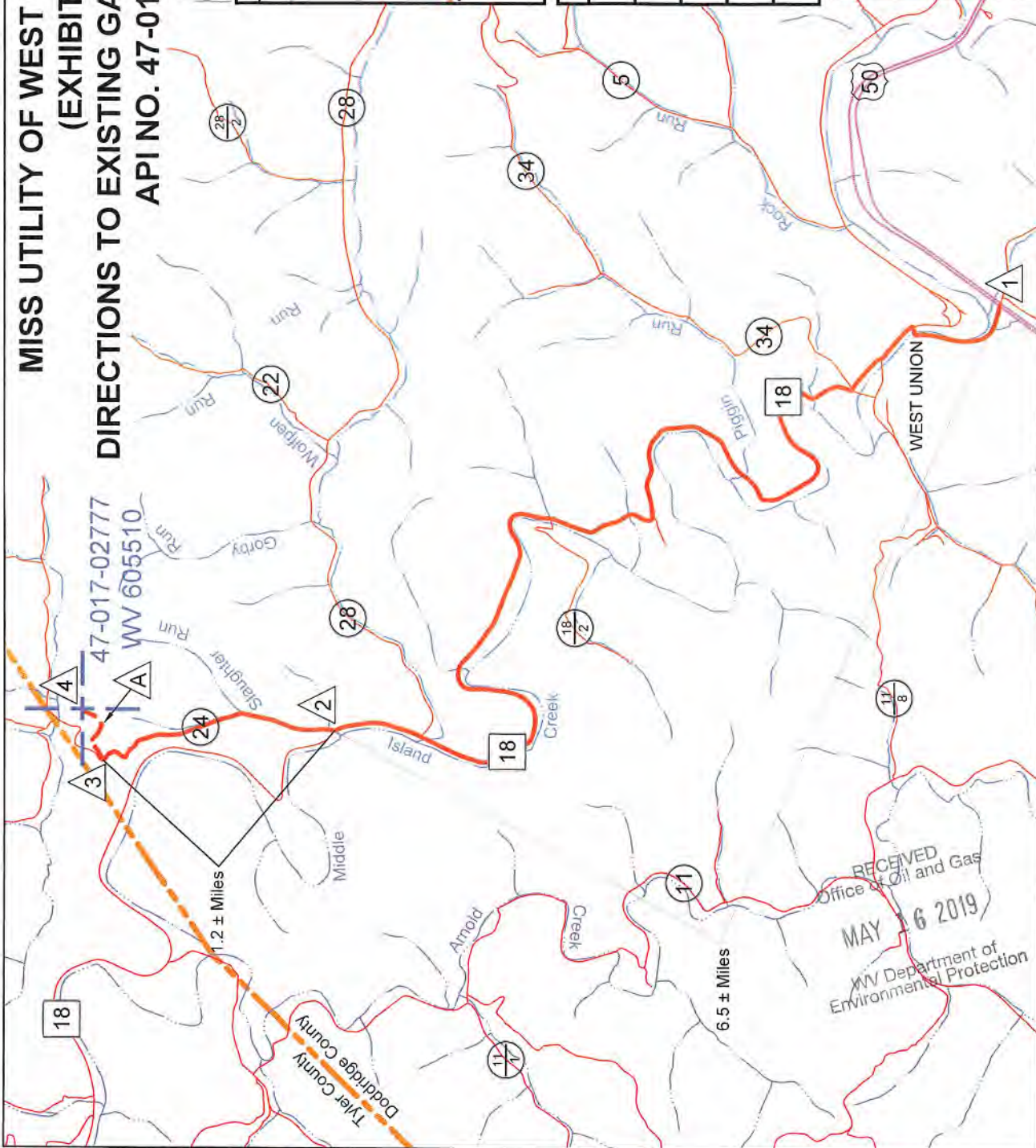
P.O. Box 108 • 1413 Childress Road
Alum Creek, WV 25003

phone: 304-756-2949 fax: 304-756-2948

RECEIVED
Office of Oil and Gas
MAY 16 2019
WV Department of
Environmental Protection

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

**DIRECTIONS TO EXISTING GAS WELL NO. WV 605510
API NO. 47-017-02777**



SITE	LATITUDE	LONGITUDE
1	39.287773	-80.768524
2	39.334863	-80.808324
3	39.351286	-80.811558
4	39.352880	-80.806704
A	39.351460	-80.808164

NOTES

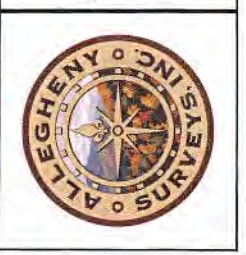
1. ALL ACCESS ROADS SHOWN HEREON ARE EXISTING AND WERE FLAGGED IN PINK AND WHITE MARKING RIBBON.
2. THIS MAP IS PREPARED ONLY FOR THE PARTIES REFERENCED HEREON FOR THE PURPOSE OF NOTIFICATION TO MISS UTILITY OF WEST VIRGINIA (WV 811).
3. DRAWING IS NOT TO SCALE.

47 017 02777

PREPARED FOR:

County:	Doddridge
District:	West Union
Date:	April 29, 2019
Project No:	67-30-00-08
File Name:	WV 605510 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



RECEIVED
 Office of Oil and Gas
 MAY 16 2019
 WV Department of
 Environmental Protection

EQT Production Company

2400 Ansys Drive, Suite 200
 Cannonsburg, PA 15317

Topo Quad: West Union 7.5'

Scale: 1" = 2000'

47-017-02777P

County: Doddridge

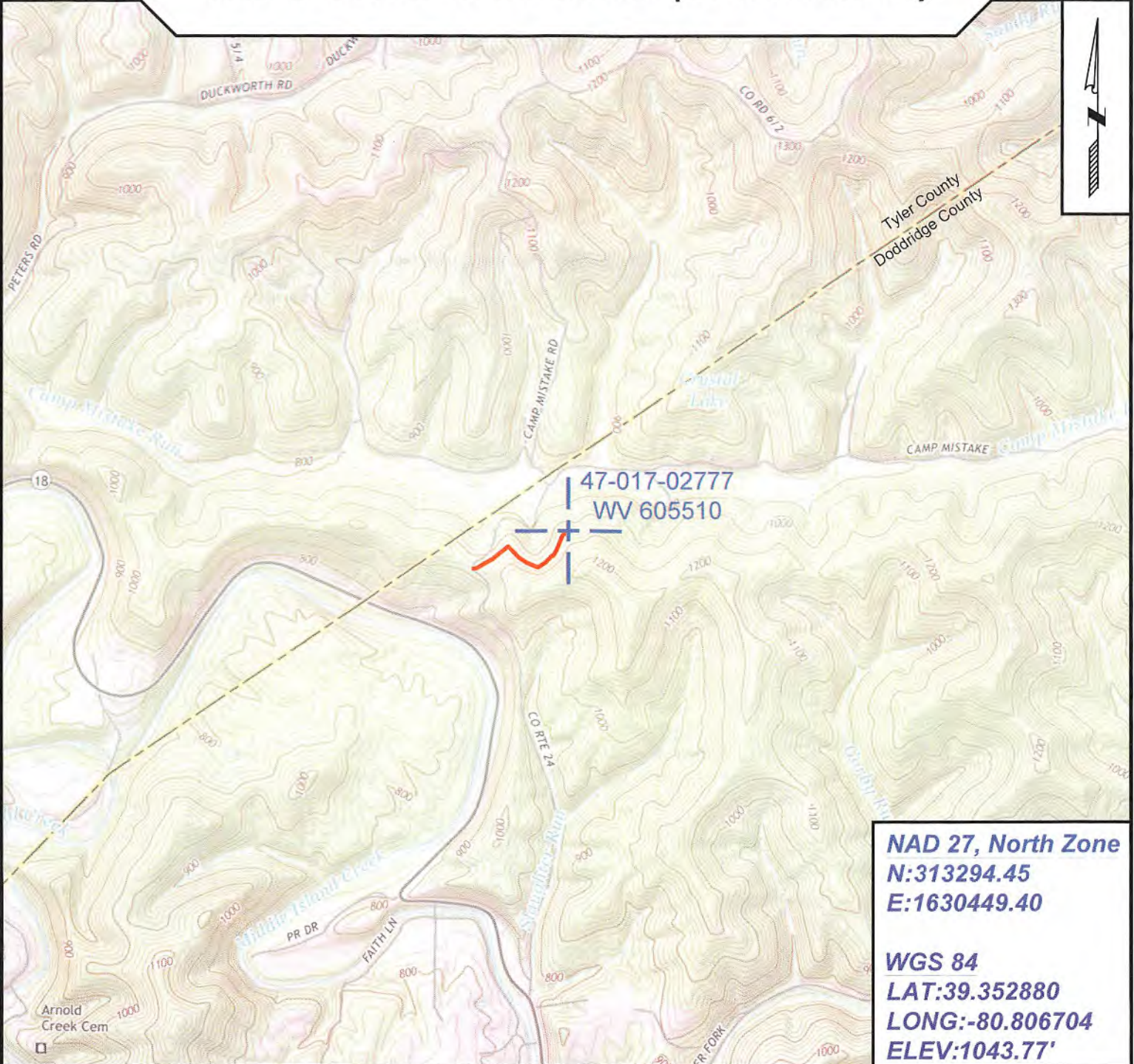
Date: April 29, 2019

District: West Union

Project No: 67-30-00-08

47-017-02777 WV 605510 (Ben Smith #1)

Topo



NAD 27, North Zone
N:313294.45
E:1630449.40

WGS 84
LAT:39.352880
LONG:-80.806704
ELEV:1043.77'



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
 MAY 10
 2400 Ansys Drive, Suite 200
 Cannonsburg, PA 15317
 WV Department of Environmental Protection



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

API: 47-017-02777 WELL NO.: WV 605510 (Ben Smith #1)

FARM NAME: Ben Smith

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Doddridge DISTRICT: West Union

QUADRANGLE: West Union 7.5'

SURFACE OWNER: Judith Bagley & Mary F. Myer

ROYALTY OWNER: William Leon Tingler, et al.

UTM GPS NORTHING: 4355955

UTM GPS EASTING: 516654 GPS ELEVATION: 318 m (1044 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.

RECEIVED
 Office of Oil and Gas
 MAY 16 2019
 WV Department of
 Environmental Protection

[Signature]
 Signature

PS #2180
 Title

4/29/19
 Date