



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, August 3, 2020
WELL WORK PLUGGING PERMIT
Vertical Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700
PITTSBURGH, PA 15222

Re: Permit approval for 690
47-017-02004-00-00

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: 690
Farm Name: DAVID L. AND NANCY L. OW
U.S. WELL NUMBER: 47-017-02004-00-00
Vertical Plugging
Date Issued: 8/3/2020

Promoting a healthy environment.

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 4, , 2020
2) Operator's
Well No. 652061 Jane Davis #690
3) API Well No. 47-017 - 02004 P

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 940' Watershed Riggins Run
District McClellen County Doddridge Quadrangle Center Point 7.5'

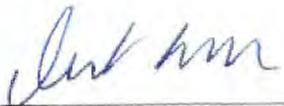
6) Well Operator EQT Production Company 7) Designated Agent Joseph C. Mallow
Address 400 Woodcliff Drive Address 115 Professional Place
Canonsburg PA 15317 Bridgeport WV 26330

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.

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

Work order approved by inspector  Date 5-5-2020

PLUGGING PROGNOSIS

Davis, J. #690 (652061)
 Doddridge Co. WV
 District; Toll Gate
 API # 47-017-02004

BY: Craig Duckworth
 DATE: 01/08/2020

CURRENT STATUS:

TD @ 2074'
Elevation @ ???? 940'

10" csg @ 374' (Pulled)
 8 1/4" csg @ 1095'
 6 5/8" csg @ 1935'
 5 3/16" csg @ 1949' (Packer @ 1949')
 2" tbg @ ~~2074'~~ 1949'

2" SET @ 1949' IN 1942, WHEN WELL WAS
 CLEANED OUT.
 JRM

Fresh Water @ None Reported
 Saltwater @ None Reported
 Coal @ 562'-565'
 Oil Show @ 2059'-2062'
 Gas shows @ 2057'
 Shot @ 2056'-2063' (20 qts. Glycerin)

1. Notify State Inspector, **Daniel Flack 304-545-0109**, 48 hrs. prior to commencing operations.
2. Pull rods & 2" tbg
3. TIH wireline, check TD and locate 5 3/16" packer.
4. Attempt to release packer @ 1949' and TOOH 5 3/16" and packer. If unable to release packer contact EQT Plugging Specialist and state inspector before proceeding to next step.
5. TIH wireline, cut 5 3/16" @ 1900', TOOH 5 3/16".
6. TIH to 1900', spot 30 bbl. of 6% gelled water followed by a 200' C1A cement plug 1900' - 1700'. (packer @ 1949' & 5 3/16" csg seat).
7. WOC hrs., Tag TOC, add additional C1A cement if necessary.
8. Free point 6 5/8" csg, cut csg @ free point. TOOH 6 5/8" csg.
9. TIH 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.
10. TOOH to 1400', set a 200' C1A cement plug 1400' to 1200' (6 5/8" csg & Salt Sand @ 1320').

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11. Free point 8 1/4" csg, cut casing @ free point. TOOH 8 1/4" csg.
12. TIH 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 900', set 100' C1A cement plug 900' to 800'.
14. TOOH to 600', set 100' C1A cement plug 600' to 500'
15. TOOH to 200', set a 200' C1A cement plug 200' to surface.
16. Erect monument with API#, company name, & date plugged
17. Reclaim location and road to WV-DEP specifications.

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652061

CARNEGIE NATURAL GAS COMPANY

Map Sheet No.

RECORD OF WELL

Well No. 4

Drilled on

Paul Davis

Farm of

35

Acres, situate

McClellan

Township
District

Doddridge

County

W. Va.

Lease No.

77

Shipping Point

RIG

Foreman

J. B. Stettin

WELL

Located

Sept. 12 - 1916

Commenced Drilling

April 3 -

Notified Gen'l Office

Notified Gen'l Office

Commenced

Dec. 25

Completed Drilling

May 7 -

Completed

Dec. 30

Notified Gen'l Office

Contractor

H. A. Gammick

Contractor

W. M. Pearson

Address

Care 51-1/2

Address

Blacksburg

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND
Conductor				1/2 Minute
Mapleton Coal				1 "
Pittsburgh Coal	<i>562</i>	<i>565</i>		2 "
Little Dunkard	<i>925</i>	<i>955</i>		3 "
Big Dunkard	<i>1040</i>	<i>1060</i>		4 "
Gas Sand	<i>1195</i>	<i>1235</i>		5 "
1st Salt Sand	<i>1370</i>	<i>1344</i>		10 "
2nd Salt Sand	<i>1360</i>	<i>1420</i>		15 "
Maxton Sand				30 "
Little Lime	<i>1885</i>	<i>1908</i>		1 Hour
Pencil Cave				Rock
Big Lime	<i>1908</i>	<i>1985</i>		Size of Tubing
Big Injun	<i>1985</i>		<i>Gas at 2057</i>	Casing
Gantz Sand			<i>Oil at 2059.8</i>	Vol. by Water
50 Foot Sand			<i>2062'</i>	" " Mercury
30 Foot Sand				" " Pressure
Gordon Stray			<i>Sketch of casing</i>	
Gordon Sand			<i>with 30 ft. 2057-2062</i>	CONNECTED TO M.
4th Sand			<i>size shell 5 x 5 ft. 6 1/2' casing</i>	
5th Sand			<i>6 1/2' - 1922</i>	Length of Line
Bayard Sand			<i>Start 9-5 - 25 by Gammick</i>	Size of Line
Elizabeth			<i>Depth to 2052-2062</i>	DISCONNECTED FR
Speechley			<i>with 25 ft.</i>	
Bradford				Notified Lessor
				Abandoned
				Repacked
				With Feet

Total Depth *2074*

Feet at \$

per Foot \$

Gas Furnished at

Cents per Foot

CASING RECORD

SIZE	CHARGED TO WELL		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL		PACKER
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
10	374		374		374						374		Kind
8 1/4	1207		1095				1095				112		Size
6 5/8	2047		1935				1935				112		Set at
2"	2580		2074				2074				576		WELL SHOT
													By <i>W. M. Pearson</i>
													With <i>10</i> Qts. at <i>205'</i>

Casing Cemented in Well

by

Compar

1204937

CARNEGIE NATURAL GAS COMPANY

Map Sheet No. Center Point N. W.

RECORD OF WELL

Well No. 4

Drilled on Jane Davis

Farm of 35

Acres, situs

McClelland

Township
District

Doddridge

County

West Va.

Lease No. E-779

Shipping Point

RIG

Toll Gate, West Va.

Foreman

J. W. Sweeney
WELL

Located

Commenced ~~Work~~ Cleaning Out Feb. 2nd

Notified Gen'l Office

Notified Gen'l Office

Commenced

Completed ~~Work~~ Cleaning Out May 22nd

Completed

Notified Gen'l Office

Contractor

Contractor Company Tools

Address

Address H. E. Asher - Harold Simmon

ROCK FORMATION TOP BOTTOM REMARKS PRESSURE AND

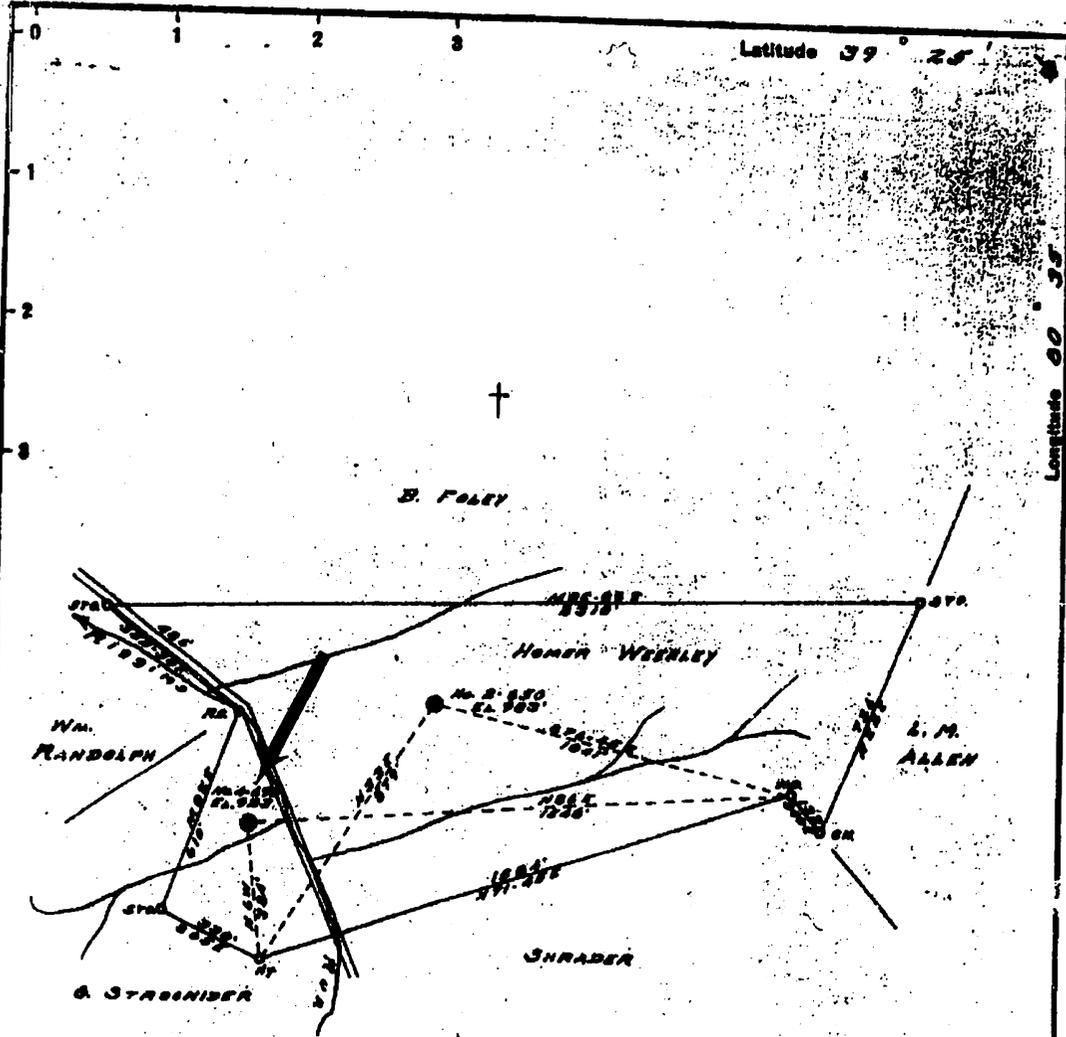
Conductor				1/2 Minute
Waynesburg Coal				1 "
Mapleton Coal			6 5/8" casing was leaking. Well was steamed, shot, cleaned out and 5 3/8" casing installed.	2 "
Pittsburgh Coal				3 "
Little Dunkard				4 "
Big Dunkard			Well was steamed for 48 hours. Large quantity of parafine removed but did not increase the oil.	5 "
Gas Sand				10 "
1st Salt Sand				15 "
2nd Salt Sand				30 "
3rd Salt Sand			Well was shot 4/14/42 with 20 Qts. glycerin. from 2056 to 2063'	1 Hour
Maxton Sand				Rock
Little Lime			Cleaned out large amount of sand.	Size of } Tubing
Pencil Cave			Gas tested 6,437 cu ft.	} Casing
Big Lime			12 bbls per week	Vol by Water
Big Injun				" " Meroury
Gantz Sand				" " Pressure
60 Foot Sand				
30 Foot Sand				CONNECTED TO MAIN
Gordon Stray			8/6/42 - MADE COMBINATION WELL. CONNECTED TO LINE AND TURNED IN, CARD TO MATH. 8/7/42	Length of Line
Gordon Sand				Size of Line
4th Sand				DISCONNECTED FROM
5th Sand				
Bayard Sand				
Elizabeth				Notified Lessor
Speechley				Abandoned
Tiona				Repacked
Bradford				With Feet

Total Depth 2074 Feet at \$ _____ per Foot \$ _____
Gas Furnished at _____ Cents per Foot

CASING RECORD

SIZE	CHARGED TO WELL		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL		PACKER
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
5 3/8" ID	1969		1949				1949				20' Thds		Kind <u>Hook Wall</u> Size <u>5 3/8" x 6 5/8"</u> Set at <u>1949</u>
													WELL SHOT By <u>Brownie Chalfar</u> With <u>20</u> Qts. at <u>2056</u> <u>2063</u>

Casing Cemented in Well _____ by _____ Compa



FOR REFERENCE ONLY
NO PLAT AVAILABLE

Now: J. F. Deem - HARRISVILLE, W.Va.

New Location...
 Drill Deeper.....
 Abandonment.....

Company	CARNEGIE NATURAL GAS
Address	PITTSBURGH, PA.
Farm	JANE DAVIS
Tract	Aces SE Lease No. F. 778618
Well (Farm) No.	2 Serial No. 6450
Elevation (Spirit Level)	383'
Quadrangle	CENTERPOINT
County	BARBERSBURG L. McCLELLAN
Engineer	R. L. SWEENEY
Engineer's Registration No.	
File No.	Drawing No.
Date	6-24-28 Scale 1" = 100'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON.

WELL LOCATION MAP

FILE NO. DOD-662-A

017-2004 well # 690

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude line, being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

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CARNEGIE, JANE DAVIS #690

47-017-02004P

WW-4A
Revised 6-07

1) Date: April 30, 2020
2) Operator's Well Number
652061 Jane Davis #690
3) API Well No.: 47 - 017 - 02004

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>David L & Nancy L Owens</u>	Name _____
Address <u>631 Coons Rn</u>	Address _____
<u>West Union, WV 26456</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Mary L Glaspell Et Al</u>
_____	Address <u>14723 N Route 26</u>
_____	<u>West Union, WV 26456</u>
(c) Name _____	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>	_____

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	<u>EQT Production Company</u>
By:	<u>Erin Spine</u> 
Its:	<u>Supervisor - Subsurface Permitting</u>
Address	<u>400 Woodcliff Drive</u>
	<u>Canonsburg PA 15317</u>
Telephone	<u>(724) 271-7380</u>

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Subscribed and sworn before me this 30th day of April, 2020
Rebecca Shrum
My Commission Expires March 9, 2024

Commonwealth of Pennsylvania - Notary Seal
Rebecca Shrum, Notary Public
Beaver County
My commission expires March 9, 2024
Commission number 1267706
Member, Pennsylvania Association of Notaries

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.

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Form 3800, J
652061 DAVIS

Sent To: MARY L GLASPELL ET AL
14723 N ROUTE 23
WEST UNION WV 26456
City, State, ZIP+4: _____
or PO Box No. _____
Street & Apt. No.: _____

Postage	\$ 1.60
Certified Fee	3.55
Return Receipt Fee (Endorsement Required)	2.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 8.00

Postmark Here

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7015 0920 0001 7634 0296

PS Form 3800,
652061 DAVIS

Sent To: DAVID L & NANCY L OWENS
631 COONS RUN
WEST UNION WV 26456
City, State, ZIP+4: _____
or PO Box No. _____
Street & Apt. No.: _____

Postage	\$ 1.60
Certified Fee	3.55
Return Receipt Fee (Endorsement Required)	2.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 8.00

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7015 0920 0001 7634 0289

47-017-02004f

SURFACE OWNER WAIVER

47-017-02004P

Operator's Well
Number

652061 Jane Davis #690

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 the Application 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 _____

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MAY 11 2020
Department of Environmental Protection

API No.	<u>47-017-02004 P</u>
Farm Name	<u>Jane Davis</u>
Well No.	<u>652061 Jane Davis #690</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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WW-9
(5/16)

API Number 47 - 017 - 02004
Operator's Well No. 652061 Jane Davis #690

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) Riggins Run Quadrangle Center Point 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

ANY WELL EFFLUENT WILL BE DISPOSED OF OFFSITE AND CONTAINED IN TANKS BEFORE DISPOSING AT APPROVED SITES.

If so, please describe anticipated pit waste: Formation Fluids

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

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 Supervisor - Subsurface Permitting

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Office of Oil and Gas
MAY 11 2020
WV Department of
Environmental Protection

Subscribed and sworn before me this 30th day of April, 2020

Rebecca Shrum

Notary Public

My commission expires March 9, 2024

Commonwealth of Pennsylvania - Notary Seal
Rebecca Shrum, Notary Public
Beaver County
My commission expires March 9, 2024
Commission number 1267706
Member, Pennsylvania Association of Notaries

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

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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Topo Quad: Center Point 7.5'

Scale: 1" = 2000'

47-017-02004P

County: Doddridge

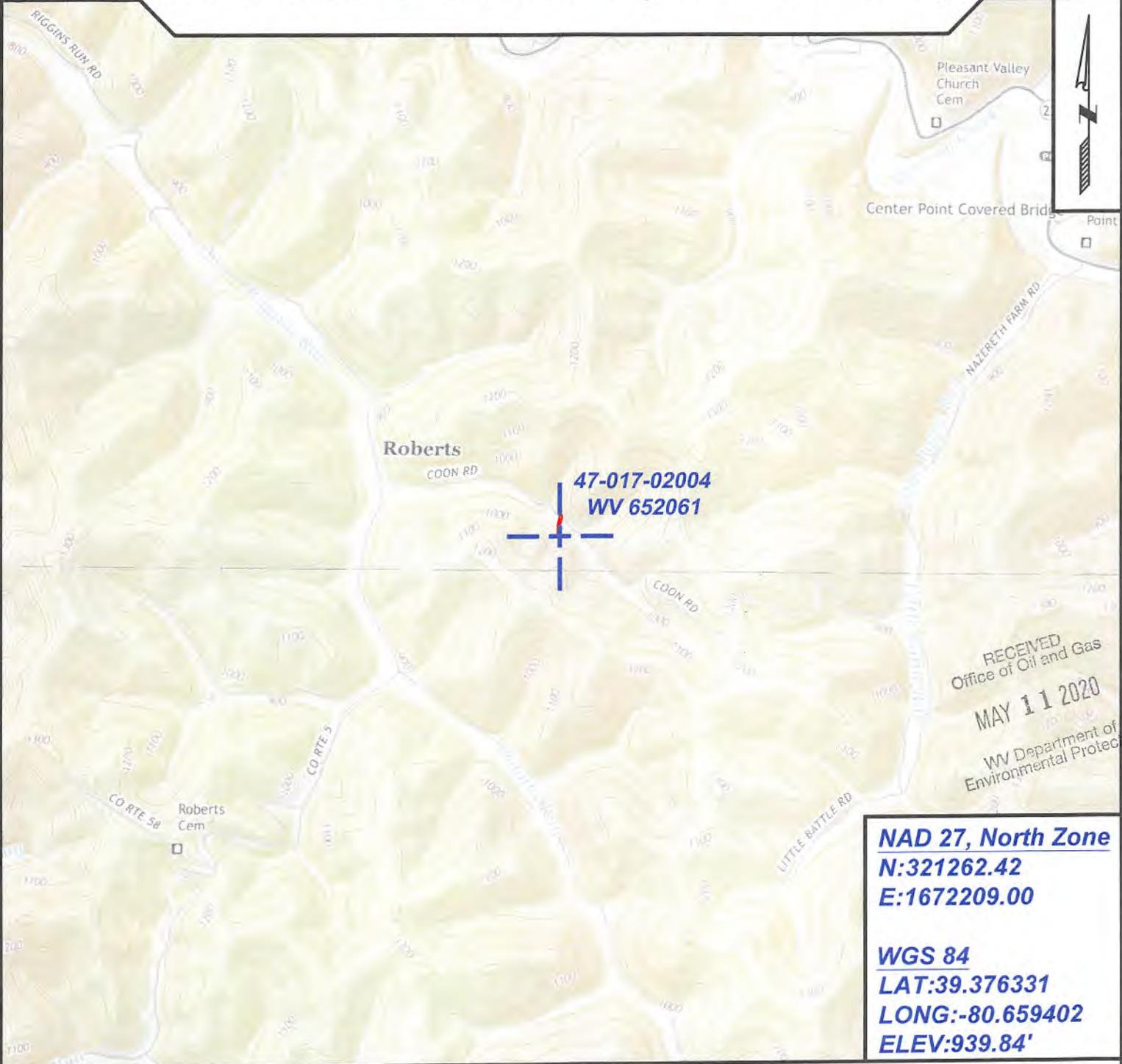
Date: April 29, 2020

District: McClellen

Project No: 67-30-00-08

WV 652061 47-017-02004 (Jane Davis #690)

Topo



47-017-02004
WV 652061

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NAD 27, North Zone
N:321262.42
E:1672209.00

WGS 84
LAT:39.376331
LONG:-80.659402
ELEV:939.84'



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
400 Woodcliff Drive
Canonsburg, PA 15317



Well Pad Site Pictures
Jane Davis #690
WV 652061 47-017-02004



WV 652061 Well ID Sign



WV 652061 Well Pad Site



WV 652061 Well Pad Site

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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

CHARLESTON OFFICE
301 RHL Boulevard - Suite 5
Charleston, WV 25309
phone: 304-756-2949 fax: 304-756-2948



EQT Production Company
400 Woodcliff Drive
Canonsburg, PA 15317
www.eqt.com

Becky Shrum
Project Specialist - Permitting
O: 724-271-7314
C: 412-660-0654
bshrum@eqt.com

May 6, 2020

Via FedEx Overnight

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Jeff McLaughlin
601 57th Street, S.E.
Charleston, WV 25304

RE: Application for a Permit to Plug & Abandon
652061 Jane Davis #690
API 47-017-02004
McClellan District, Doddridge County, WV

WDEP Recipient,

Attached is EQT Production Company's application for a permit to plug and abandon for the well referenced above.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our land department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Best Regards,

Becky Shrum
Project Specialist - Permitting
bshrum@eqt.com
724-271-7314

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