



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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, August 18, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for MASON 1
47-103-02534-00-00

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: MASON 1
Farm Name: GREATHOUSE, JAMES ARNOLD
U.S. WELL NUMBER: 47-103-02534-00-00
Vertical Plugging
Date Issued:

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.

47 103 02 00 7 J
1) Date August 1, 2022
2) Operator's
Well No. 519056 Mason #1
3) API Well No. 47-103 - 02534

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 ___/ ShallowX

5) Location: Elevation 1198' Watershed Fishing Creek
District Proctor County Wetzel Quadrangle Wileyville 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 Kenneth Greynolds Name R&J
Address 613 Broad Run Road Address 1087 Raccoon Rd
Jane Lew, WV 26378 Hueysville, KY 41640

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 Kenneth Greynolds Date 08/19/2022

Digitally signed by Kenneth Greynolds
DN: CN = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov C = AD O = WVDEP OU = Oil and Gas
Date: 2022.08.03 09:32:30 -0400

08/19/2022

PLUGGING PROGNOSIS

519056
 Mason
 API# 47-103-02534
 District, Proctor
 Wetzel County, WV

BY: R Green
 DATE: 11-26-18

CURRENT STATUS:

TD @ 7053'
Elevation @ 1208'

16" casing @ 40' (Sanded in)
11 3/4" casing @ 1200' (CTS)
8 5/8" casing @ 2600' (CTS)
4 1/2" casing @ 7030' (Cemented with 350 sks)

Perforations @
6880' to 6904' (144 holes) Geneseo
7002' to 7032' (120 holes) Marcellus

Fresh Water @ 100' & 1051'
Saltwater @ 1479'
Gas Show @ None reported
Oil shows @ None reported
Coal @ 1051'

Information after final plugging completed to 880'
 8 5/8" Perfs; 1250' – 1200'
 8 5/8" casing cuts at 1,000' – 500' – 150'
 Cement plugs from 1310' to 880'
 565' to surface
 Gel Spacers 550' to 880'

Kenneth Greynolds
 8/18/22 JQ

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1. Notify inspector, Ken Grenolds @ 304-206-6613, 24 hours prior to commencing operations
2. TIH w/bit and drill and circulate out cement and gel to 880'.
3. Dry 8 5/8" casing to below each set of perfs or cuts and observe for bubbles inside the 8 5/8" casing and report findings to EQT and WV DEP REPS.
4. Continue this process to 880' and check for bubbling from the top of cement at 880'. report any findings to EQT and WV DEP REPS.
5. Make Multi string cuts, Casing Expansion Tool if available and Bio Squeeze to eliminate annular gas flow.
6. Set all plugs per WV DEP and EQT instruction to accommodate WV DEP regulation.
7. Erect monument with API#, date plugged, company name.
8. Reclaim location and road to WV-DEP specifications.

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08/19/2022

47-103-02534P

47 103 02534P

WR-35
Rev (1-10)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: January 25, 2010
API #: 47-10302534

Farm name: Mason Operator Well No.: 1

LOCATION: Elevation: 1208' Quadrangle: Wileyville 7.5

District: Proctor County: Wetzel
Latitude: 14730 Feet South of 39 Deg. 40 Min. 00 Sec.
Longitude 5120 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: Stone Energy

| Address: | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|---|-----------------|------------------|--------------|------------------------|
| 600 Hampton Center, Suite B | | | | |
| Morgantown, West Virginia 26505 | 16" | 40' | 40' | sanded in |
| Agent: <u>Kevin Stiles</u> | | | | |
| Inspector: <u>Dave Scranage</u> | 11 3/4" | 1200' | 1200' | 683 sacks |
| Date Permit Issued: <u>10/30/2009</u> | | | | |
| Date Well Work Commenced: <u>11/12/2009</u> | 8 5/8" | 2600 | 2600 | 612 sacks |
| Date Well Work Completed: <u>4/12/2010</u> | | | | |
| Verbal Plugging: | 4 1/2" | 7030' | 7030' | 350 sacks |
| Date Permission granted on: | | | | |
| Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig | | | | |
| Total Vertical Depth (ft.): <u>7053'</u> | | | | |
| Total Measured Depth (ft.): <u>7053'</u> | | | | |
| Fresh Water Depth (ft.): <u>100' & 1051'</u> | | | | |
| Salt Water Depth (ft.): <u>1479'</u> | | | | |
| Is coal being mined in area (N/Y)? <u>N</u> | | | | |
| Coal Depths (ft.): <u>1051'</u> | | | | |

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus (comingled) Pay zone depth (ft) 7002'-7032'

Gas: Initial open flow 190 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 350 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 256.58 Hours

Static rock Pressure 2338 psig (surface pressure) after 720 Hours

Second producing formation Genesee (comingled) Pay zone depth (ft) 6880' - 6904'

Gas: Initial open flow 190 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 350 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 256.58 Hours

Static rock Pressure 2338 psig (surface pressure) after 720 Hours

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APR 21 2010

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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments 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.

[Signature]
Signature

4/29/10
Date

08/19/2022

1st Stage Marcellus (perf interval: 7002'-7032') 120 holes

Slickwater – 5965 bbls. Pumped 75,734# 80-100 mesh sand and 9198# 40/70 mesh white sand.

2nd Stage Geneseo (perf interval: 6880' – 6904') 144 holes

Slickwater – 9812 bbls. Pumped 49606# 80-100 mesh and 507600# 40-70 mesh white sand.

| | Top Depth | Bottom Depth |
|-------------------|------------|--------------|
| Fill | 0' | 30' |
| Sand & Shale | Not Logged | Not Logged |
| Little Lime | Not Logged | Not Logged |
| Big Lime | Not Logged | Not Logged |
| Big Injun | Not logged | 2504' |
| Sand & Shale | 2504' | 2825' |
| Berea | 2825' | 2843' |
| Sand & Shale | 2843' | 3282' |
| Gordon | 3282' | 3300' |
| Sand & Shale | 3300' | 5336' |
| Benson | 5336' | 5348' |
| Sand & Shale | 5348' | 5620' |
| Pipe Creek Marker | 5620' | 5636' |
| Lower Alexander | 5636' | 5668' |
| Shale | 5668' | 6684' |
| Cashaqua | 6684' | 6792' |
| Middlesex | 6792' | 6830' |
| West River | 6830' | 6884' |
| Geneseo | 6884' | 6908' |
| Tully | 6908' | 6995' |
| Marcellus | 6995' | 7042' |
| Onondaga | 7042' | 7053' TD |

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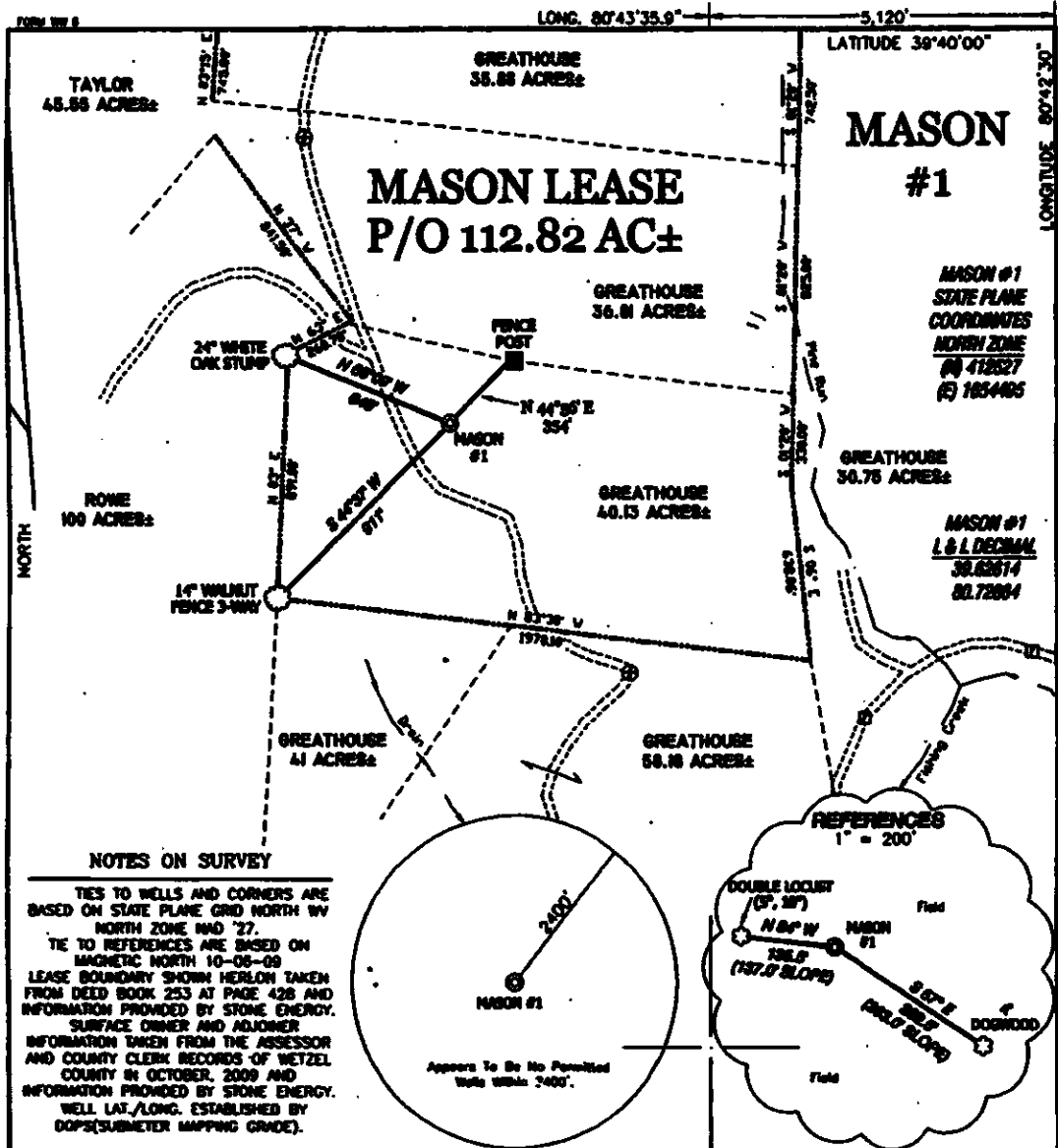
NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Formations Encountered: _____ **Top Depth** _____ / _____ **Bottom Depth**
Surface: _____

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47-103-02534P



NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE MD 27. TIE TO REFERENCES ARE BASED ON MAGNETIC NORTH 10-06-09 LEASE BOUNDARY SHOWN HERON TAKEN FROM DEED BOOK 253 AT PAGE 428 AND INFORMATION PROVIDED BY STONE ENERGY. SURFACE OWNER AND ADJOURNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN OCTOBER, 2009 AND INFORMATION PROVIDED BY STONE ENERGY. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 DIVISION OF ENVIRONMENTAL PROTECTION.



P.S. 834

Doyle Hupp, Jr.
Hupp Surveying & Mapping
P.O. Box 647 Charleston, WV 25307
(204) 351-2825 Email: hupp@huppand.com

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE OCTOBER 8, 2009

OPERATORS WELL NO. MASON #1

API WELL NO. 47-103-02534
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1916 (BK 42-25)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL GAS X INJECTION WASTE DISPOSAL "GAS" PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,208' WATERSHED PINE RUN DISTRICT PROCTOR COUNTY WETZEL QUADRANGLE WILEYVILLE 7.5'
SURFACE OWNER JAMES ARNOLD GREATHOUSE ACREAGE 40.13±
ROYALTY OWNER WELLS & GENELDA MASON LEASE ACREAGE 112.82±
PROPOSED WORK: LEASE NO. DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS ESTIMATED DEPTH 8000-7000'
WELL OPERATOR STONE ENERGY CORPORATION DESIGNATED AGENT W. H. MCCOY
ADDRESS P.O. BOX 52807 LAFAYETTE, LA 70008 ADDRESS 9800 MARSHTON CENTER DRIVE B HERRINGTON WV 26033

LONGITUDE 80°42'30" LONGITUDE 80°42'34.1" LONGITUDE 80°42'30"

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08/19/2022

Wileyville 7

WW-4A
Revised 6-07

1) Date: August 1, 2022
2) Operator's Well Number
519056 Mason #1
3) API Well No.: 47 - 103 - 02534

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>Donna Joan Long Greathouse</u> | Name _____ |
| Address <u>11274 Mountaineer Hwy</u> | Address _____ |
| <u>New Martinsville, WV 26155</u> | |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>Genelda M Mason</u> |
| | Address <u>HC 60 Box 152</u> |
| | <u>New Martinsville, WV 26155</u> |
| (c) Name _____ | Name _____ |
| Address _____ | Address _____ |
| | |
| 6) Inspector <u>Kenneth Greynolds</u> | (c) Coal Lessee with Declaration |
| Address <u>613 Broad Run Road</u> | Name _____ |
| <u>Jane Lew, WV 26378</u> | Address _____ |
| Telephone <u>304-206-6613</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.

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

Well Operator EQT Production Company
 By: Erin Spine *[Signature]*
 Its: Manager - Subsurface Permitting
 Address 400 Woodcliff Drive
Canonsburg PA 15317
 Telephone (724) 271-7380

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WV Department of
Environmental Protection

Subscribed and sworn before me this 1st day of August 2022
[Signature] Notary Public
My Commission Expires March 9, 2024

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.

4710302534P

7021 2720 0000 9233 0163

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| Certified Mail Fee | \$ 4.00 |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 3.23 |
| <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 | \$ 1.92 |
| Total Postage and | \$ 9.17 |

Sent To
GENELDA M MASON
 Street and Apt. No
HC 60 BOX 152
 City, State, ZIP+4®
NEW MARTINSVILLE WV 26155

PS Form 3800, A 40-09 519056 MASON #1 - NOTIFICATIONS

7021 2720 0000 9233 0156

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| Certified Mail Fee | \$ 4.00 |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 3.23 |
| <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 | \$ 1.92 |
| Total Postage and | \$ 9.17 |

Sent To
DONNA JOAN LONG GREATHOUSE
 Street and Apt. No
11274 MOUNTAINEER HWY
 City, State, ZIP+4®
NEW MARTINSVILLE WV 26155

PS Form 3800, A 40-09 519056 MASON #1 - NOTIFICATIONS

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Environmental Protection

08/19/2022

SURFACE OWNER WAIVER

47 1 0 3 0 2 5 3 4 P

Operator's Well
Number

519056 Mason #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.

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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.

WV Department of
Environmental Protection

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

Name
By
Its

Date

Signature 08/19/2022
Date

| | |
|-----------|------------------------|
| API No. | <u>47-103-02534 P</u> |
| Farm Name | <u>Mason</u> |
| Well No. | <u>519056 Mason #1</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 - 103 - 02534
Operator's Well No. 519056 Mason #1

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) Fishing Creek Quadrangle Wileyville 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: _____

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

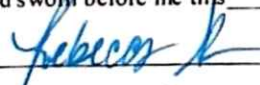
Company Official (Typed Name) Erin Spine

Company Official Title Manager - Subsurface Permitting

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Office of Oil and Gas
AUG 04 2022

WV Department of Environmental Protection

Subscribed and sworn before me this 1st day of August, 2022



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

08/19/2022

47 1 Q3 02 JJ J P

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: **Kenneth Greynolds**
Digitally signed by: Kenneth Greynolds
 DN: CN = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov C = AD O = WVDEP OU = Oil and Gas
 Date: 2022.08.03 09:34:25 -04'00'

Comments: _____

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Environmental Protection

Title: _____ Date: _____

Field Reviewed? () Yes () No

08/19/2022

47 1 0 3 0 2 5 3 4P

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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47 103 02534 P

Topo Quad: Wileyville 7.5'

Scale: 1" = 2000'

County: Wetzel

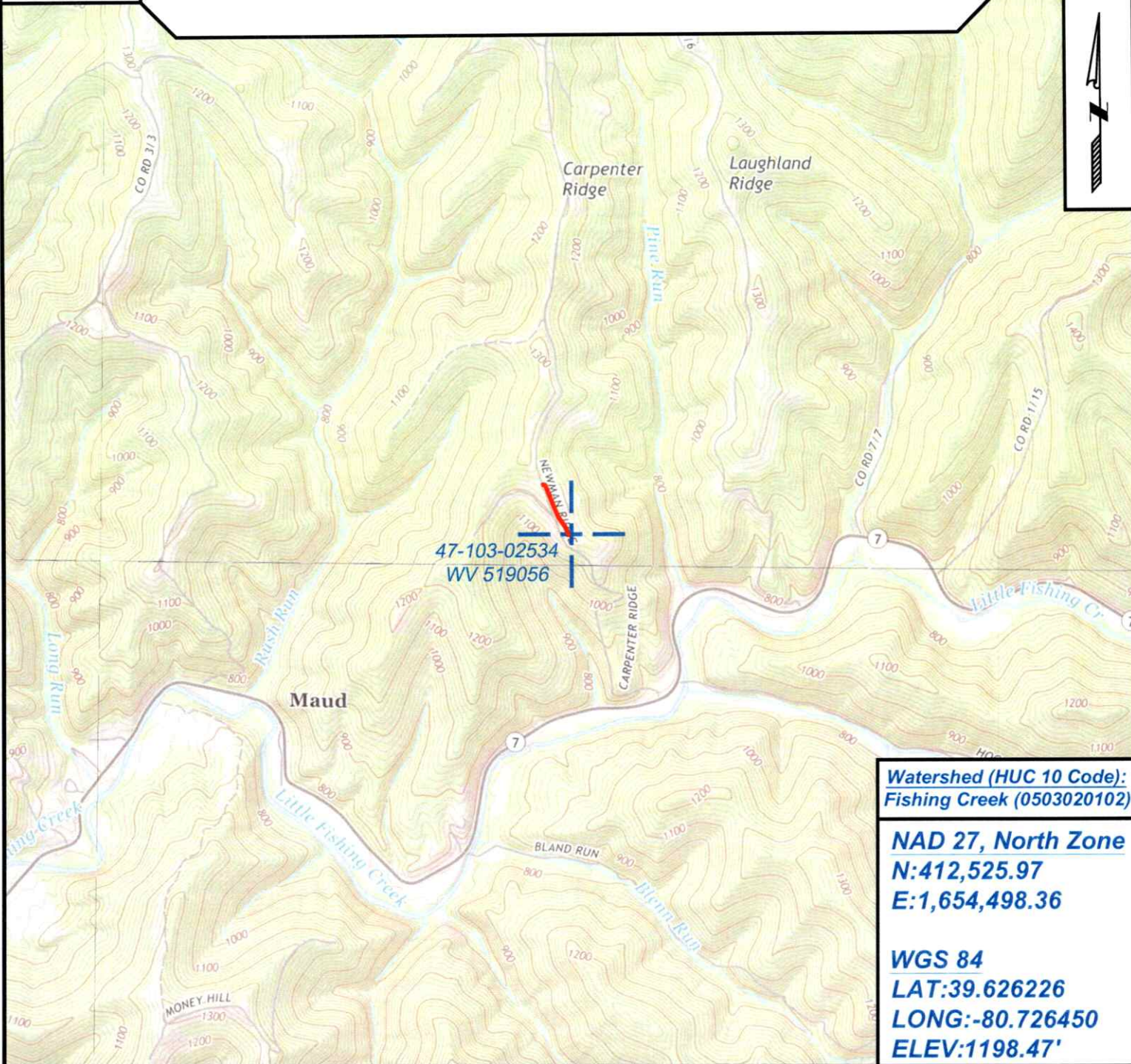
Date: March 24, 2021

District: Proctor

Project No: 40-34-00-09

47-103-02534 WV 519056 (Mason #1)

Topo



47-103-02534
WV 519056

Watershed (HUC 10 Code):
Fishing Creek (0503020102)

NAD 27, North Zone
N:412,525.97
E:1,654,498.36

WGS 84
LAT:39.626226
LONG:-80.726450
ELEV:1198.47'



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

08/19/2022



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

API: 47-103-02534 WELL NO.: WV 519056 (Mason #1)

FARM NAME: Mason

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Wetzel DISTRICT: Proctor

QUADRANGLE: Wileyville 7.5'

SURFACE OWNER: Donna Joan Long Greathouse

ROYALTY OWNER: Genelda and Wells Mason

UTM GPS NORTHING: 4386309

UTM GPS EASTING: 523477 GPS ELEVATION: 365 m (1198 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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Environmental Protection


Signature

PS# 2180
Title

3/24/2021
Date



47 103 02534 P

Site Pictures

Mason #1

WV 519056 47-103-02534



WV 519056 Wellhead



Well Pad Site (West)



Well Pad Site (Looking Northwest)



Well Pad Site (Looking Northwest)

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CHARLESTON OFFICE

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

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

**Via Email**

August 3, 2022

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

**RE: Resubmittal - Application for a Permit to Plug & Abandon
519056 Mason #1
API 47-103-02534
Proctor District, Wetzel County, WV**

WVDEP Recipient,

Attached is EQT Production Company's resubmittal application for a permit to plug and abandon for the well referenced above. This well was previously plugged on 7/29/2021, but we need to re-enter the well to stop a leak.

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.

Sincerely,

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

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WV Department of
Environmental Protection

08/19/2022



Kennedy, James P <james.p.kennedy@wv.gov>

ATTN Plugging permit has been issued for 4710302534

1 message

Kennedy, James P <james.p.kennedy@wv.gov>

Thu, Aug 18, 2022 at 9:13 AM


To: Jeffrey W McLaughlin <jeffrey.w.mclaughlin@wv.gov>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, slemley@wvassessor.com, OPishioneri@eqt.com, BShrum@eqt.com, "Zavatchan, John" <JZavatchan@eqt.com>

To whom it may concern, Plugging permit has been approved to be issued for 4710302534.

James Kennedy

WVDEP OOG

2 attachments

 **4710302534.pdf**
3192K

 **IR-8 Blank.pdf**
237K

08/19/2022