



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 460671 (11900)
47-061-00343-00-00

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: WV 460671 (11900)
Farm Name: McMASTERS, WILLIAM J.
U.S. WELL NUMBER: 47-061-00343-00-00
Vertical Plugging
Date Issued: 7/3/2019

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 1, 2019
2) Operator's
Well No. 460671 Lemasters W-11900
3) API Well No. 47-061 - 00343

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 1328' Watershed Dunkard Creek
District Battelle County Monongalia Quadrangle Wadestown 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 Gayne J Knitowski Name HydroCarbon Well Service
Address PO Box 108 Address PO Box 995
Gormanian, WV 26720 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 Gayne J Knitowski Date 5/3/2019

PLUGGING PROGNOS

460671
 W.J. LeMasters # W- 11900
 API# 47-061-00343
 District, Battelle
 Monongalia County, WV

BY: R Green
 DATE: 02/01/17

CURRENT STATUS:
 TD @ 3605'
 Elevation @ 1332'

11" casing @ 243' (CTS)
 8 5/8" casing @ 2302' (CTS)
 4 1/2" casing @ 3556' (Cemented with 300 sks)
 Perforations @ 3483' to 3500', (16 holes) Bayard Sand

Fresh Water @ None Reported
 Saltwater @ 960'
 Oil Show @ 2350'
 Gas shows @ None Reported
 Coal @ 955', 1015', & 1040'

1. Notify inspector, Gayne Knitowski, @ 304-546-8171, 24 hrs. prior to commencing operations.
2. Check TD @ or below 3500', spot 30 bbl. of 6 % gelled water, followed by a 300' C1A cement plug., 3500' to 3200'. WOC 8 hrs., TAG TOC, add additional C1A cement if necessary. Gel hole to next plug.
3. Free point 4 1/2" casing, cut casing @ free point. (EST @ 2800') TOO H casing
4. 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.
5. TOO H to 2400', set 300' C1A cement plug 2400' to 2100'. (8 5/8" casing seat). OIL SHOW
6. TOO H to 1400', set 300' C1A cement plug 1400' to 1100'. (Safety plug). ELEV.
7. TOO H to 800', set 300' C1A cement plug 800' to 500'. (Safety plug). SALT WATER
8. TOO H to 300', set 300' C1A cement plug 300' to surface.
9. Erect monument with API#, date plugged, company name, and company 6-digit ID#.
10. Reclaim location and road to WV-DEP specifications.

MSB/K
 5/3/2018

An attempt to pull all free casing @ 1.5x string weight required



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary xx Oil _____
Cable _____ Gas XX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle MANNINGTON

Permit No. MON-313

47-061-00343

Mon Co

468671

| | | | | |
|--|----------------------------|------------------|--------------|-------------------------------|
| Company <u>Consolidated Gas Supply Corporation</u> | Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
| Address <u>Clarksburg, W. Va.</u> | | | | |
| Farm <u>Wm. J. LeMasters</u> Acres <u>295</u> | | | | |
| Location (waters) <u>Scotts Run</u> | Size | | | |
| Well No. <u>11900</u> Elev. <u>1332'</u> | <u>20-16</u> | | | |
| District <u>Batelle</u> County <u>Monongalia</u> | Cond. | | | |
| The surface of tract is owned in fee by _____ | 3300 <u>11"</u> | <u>213'</u> | <u>213'</u> | To surface |
| | <u>9 5/8</u> | | | |
| | <u>8 5/8</u> | <u>2302'</u> | <u>2302'</u> | To surface |
| Address _____ | <u>7</u> | | | |
| Mineral rights are owned by _____ | <u>5 1/2</u> | | | |
| Address _____ | <u>4 1/2</u> | <u>3556'</u> | <u>3556'</u> | 300 bags |
| Drilling Commenced <u>10-16-75</u> | <u>3</u> | | | |
| Drilling Completed <u>11-22-75</u> | <u>2</u> | | | |
| Initial open flow <u>Show</u> cu. ft. _____ bbls. | Liners Used | | | |
| Final production <u>103 M</u> cu. ft. per day _____ bbls. | | | | |
| Well open <u>11</u> days <u>hrs.</u> before test <u>110#</u> RP. | | | | |

Well treatment details:

Attach copy of cementing record.

Well fractured with 600 bbl water, 10,000# sand, 500 gal 15% acid

Perforations: 3183' to 3500' with 16 holes

Coal was encountered at 955', 1015' & 1010' Feet 60" 60" 60" Inches
Fresh water None recorded Feet _____ Salt Water 960' Feet _____
Producing Sand Bayard Depth 3183' to 3500'

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|---------------------------------------|-------|--------------|----------|-------------|-------------------|------------|
| THIS LOG TAKEN FROM GAMMA RAY LOGGING | | | | | | |
| Little Lime | | | 2219 | 2233 | Water | 960' Salt |
| Big Lime | | | 2249 | 2350 | Oil | 2350' Show |
| Big Injun | | | 2350 | 2396 | | |
| Pocono | | | 2396 | 2519 | | |
| 50' Sand | | | 2956 | 3012 | | |
| 30' Sand | | | 3021 | 3052 | | |
| Gordon Stray | | | 3201 | 3287 | | |
| 14th Sand | | | 3296 | 3341' | | |
| Bayard | | | 3183 | 3500' | Gas | 3183-3500' |
| Total Depth | | | | 3605' | | |

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MAY 7 2019

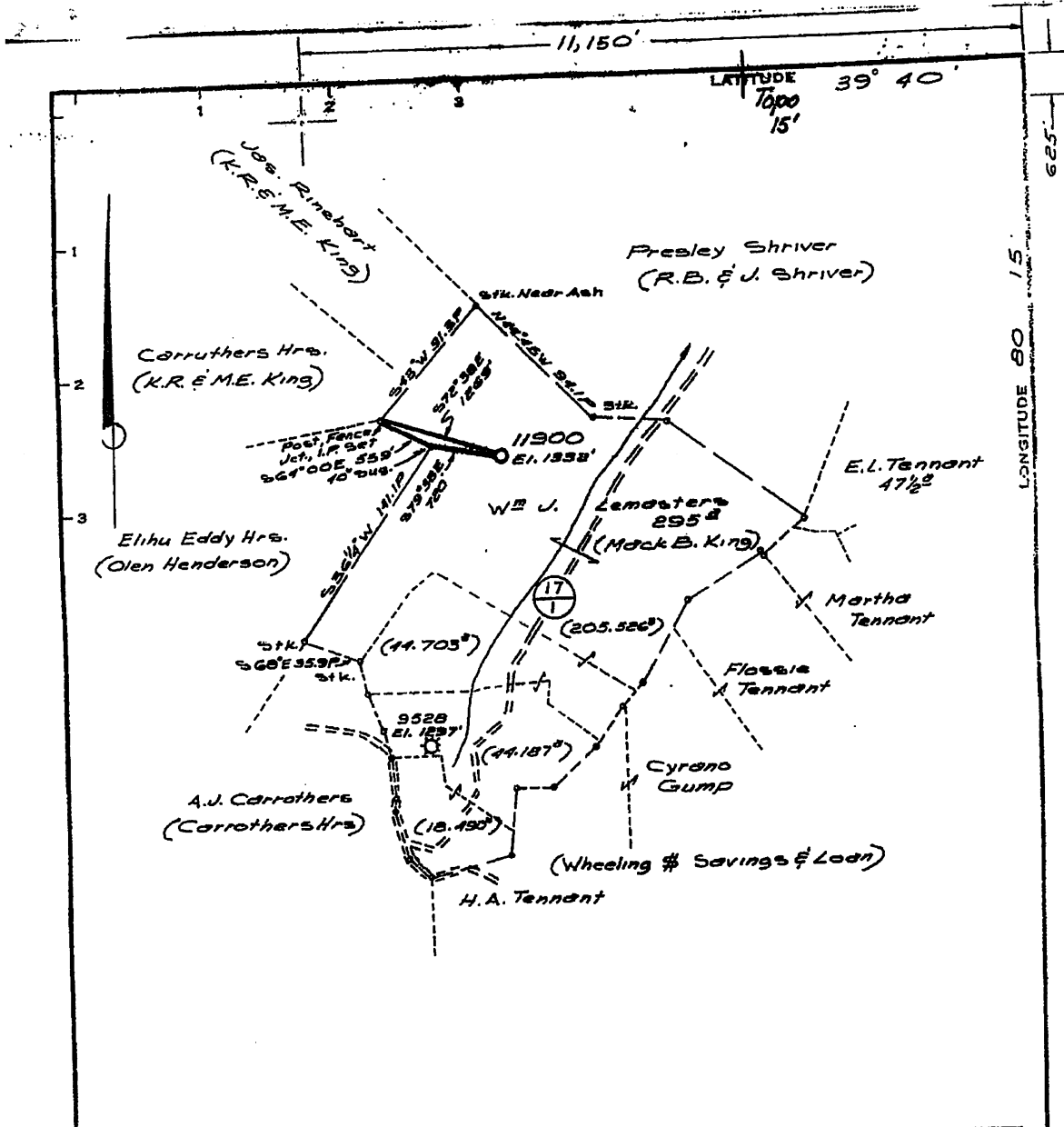
WV Department of
Environmental Protection

Consolidated Gas Supply Corporation
115 West Main Street
Clarksburg, W. Va.

KBM 11' above G.L.

(over)

* Indicates Electric Log tops in the remarks section.



Minimum Error of Closure 1' in 200'
 Source of Elevation B.M. - Consolidated Gas Supply Corp.
Well No 9528 - Elev. 1297'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

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- New Location
- Drill Deeper
- Abandonment

Map Sheet 17 N-15, E-19 F.B. 1723 Pa. 27-29

Company Consolidated Gas Supply Corp.
 Address Clarksburg, W. Va.
 Farm W.B. J. Lemasters (Hack B. King)
 Tract _____ Acres 295 Lease No. 61891
 Well (Farm) No. _____ Serial No. 11900
 Elevation (Spirit Level) 1332'
 Quadrangle Wadestown 7 1/2, Mannington 15'
 County Monongalia District Battelle
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 1-31-75 Scale 1" = 1320'

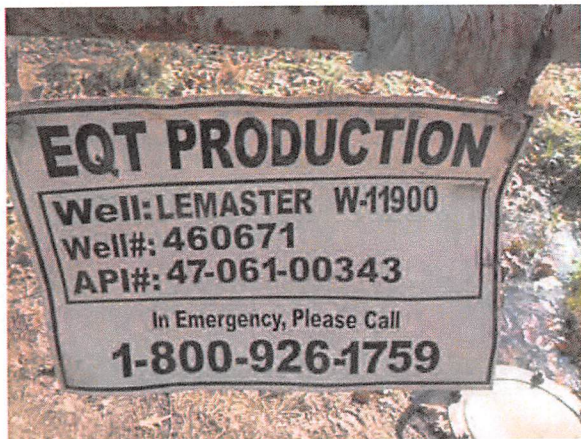
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. **MON-343**

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing. **47-061**



Well Pad Site Pictures
Lemasters W-11900
WV 460671 47-061-00343



WV 460671 Well ID Sign



WV 460671 Well Pad Site (Looking East)



WV 460671 Well Pad Site
(Looking Northeast along Well Access Road)

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WV Department of
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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

1) Date: May 1, 2019
2) Operator's Well Number
460671 Lemasters W-11900
3) API Well No.: 47 - 061 - 00343

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>Gayne J Knitowski</u> | (c) Coal Lessee with Declaration |
| Address <u>PO Box 108</u> | Name _____ |
| <u>Gormanian, WV 26720</u> | Address _____ |
| Telephone <u>304-546-8171</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 (724) 271-7314

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Office of Oil and Gas

MAY 7 2019

Subscribed and sworn before me this 1st day of May 2019
Donna K. Larry Donna K. Larry Notary Public
 My Commission Expires 8-23-2023

WV Department of Environmental Protection

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 depprivacyoffier@wv.gov.

47-061-00343

460671 Lemasters W-11900

Owner(s) (Surface and Access)

Kent A Leonhardt
616 Happy Ln.
Fairview, WV 26570

Coal Owner(s)

Patriot Coal Company
500 Lee St.
Charleston, WV 25301
Attn: Ed Paros

Richard L Fordyce
6259 Belmont Farms Dr NE
Belmont, MI 49306-9470

Patricia L Kennedy
455 Sunnehanna Dr Box 27
Myrtle Beach, SC 29588-5357

Karen L Lemasters
3066 Aljean Dr
Bethel Park, PA 15102

Donna Y Nuzum
7 Carriage Dr
Fairmont, WV 26554

Gordon J Outhier
17951 Sequoia Circle
Yorba Linda, CA 92886

Stephen N Yergovich
1368 Locust Ave
Fairmont, WV 26554

Deborah J Jarrell
508 Ogden Ave
Fairmont, WV 26554

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47-061-00343

460671 Lemasters W-11900

Coal Owner(s) Continued...

Richard E Shriver
415 Miracle Run Rd
Fairview, WV 26570

Piney Holdings, INC
67 Mountain Park Dr
Fairmont, WV 26554

Potential Water Owner(s)

Kent Leonhardt
616 Happy Lane
Fairview, WV 26570

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WV Department of
Environmental Protection

Operator's Well Number

460671 Lemasters W-11900

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, ETC.

Handwritten signature: Karin L. LeMaster Date: 5-6-19

Signature

Name By Its Date

Signature

Date

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) Dunkard Creek Quadrangle Wadestown 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.

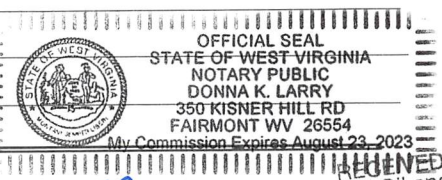
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 *Erin Spine*

Company Official (Typed Name) Erin Spine

Company Official Title Regional Land Supervisor



Subscribed and sworn before me this 1st day of May, 2019

Donna K. Larry Donna K. Larry Notary Public

My commission expires 8-23-2023

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MAY 7 2019
WV Department of Environmental Protection

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: *Maureen J. K... (signature)*

Comments: *Reclaim ASAP the well site*

Title: *Inspector* Date: *5/3/2019*

Field Reviewed? (X) Yes () No

47-061-00343P

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

MAY 7 2019

WV Department of
Environmental Protection

Topo Quad: Wadestown 7.5'

Scale: 1" = 400'

47-061-00343P

County: Monongalia

Date: March 7, 2019

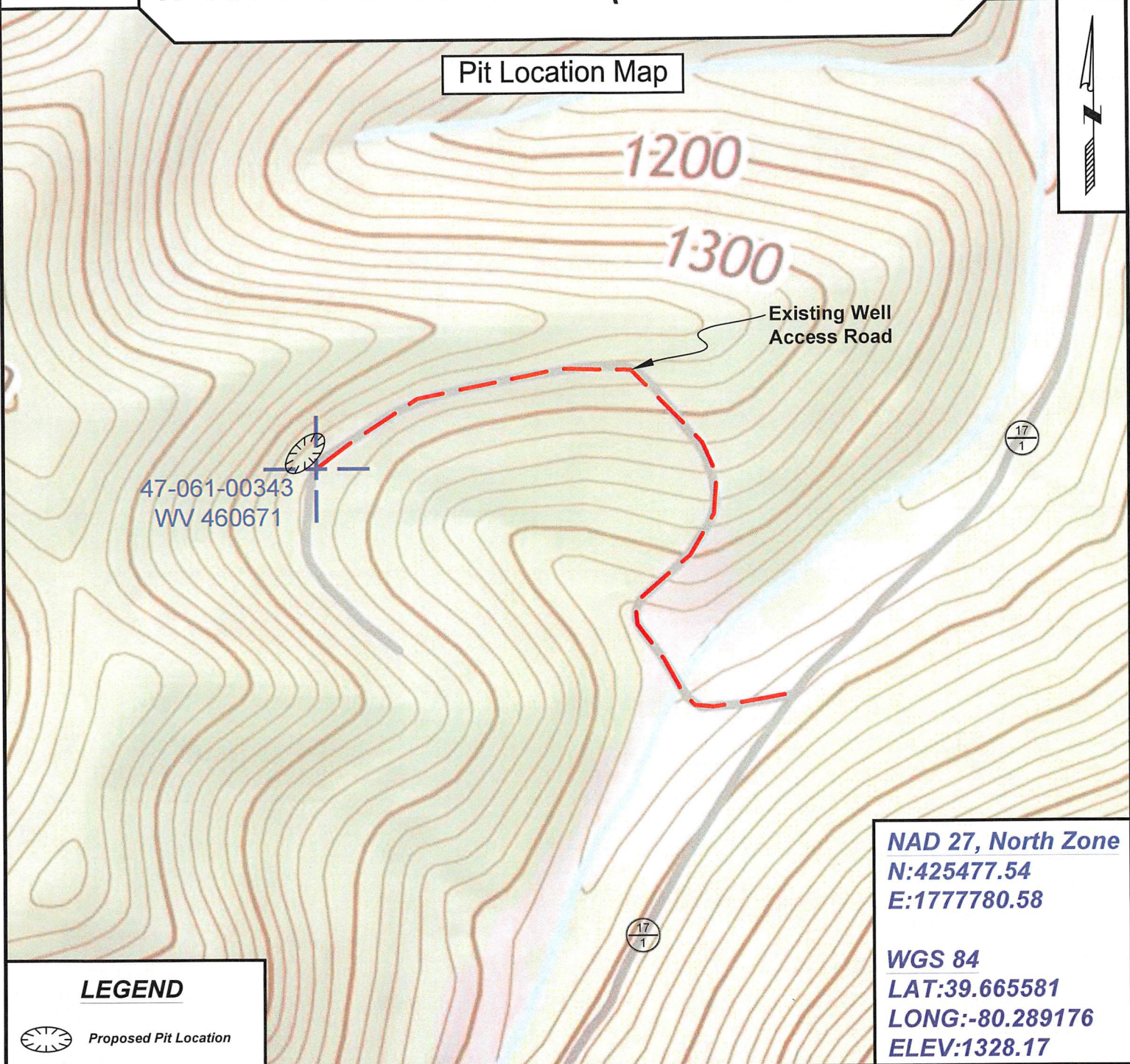
District: Battelle

Project No: 72-20-00-08


47-061-00343 WV 460671 (Lemasters W-11900)

Topo

Pit Location Map



LEGEND

 Proposed Pit Location

NAD 27, North Zone
N:425477.54
E:1777780.58

WGS 84
LAT:39.665581
LONG:-80.289176
ELEV:1328.17



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

Office of Oil and Gas
2400 Ansys Drive, Suite 200
Canonsburg, PA 15317

MAY 7 2019

WV Department of

En...

Topo Quad: Wadestown 7.5'

Scale: 1" = 1000'

47-061-00343P

County: Monongalia

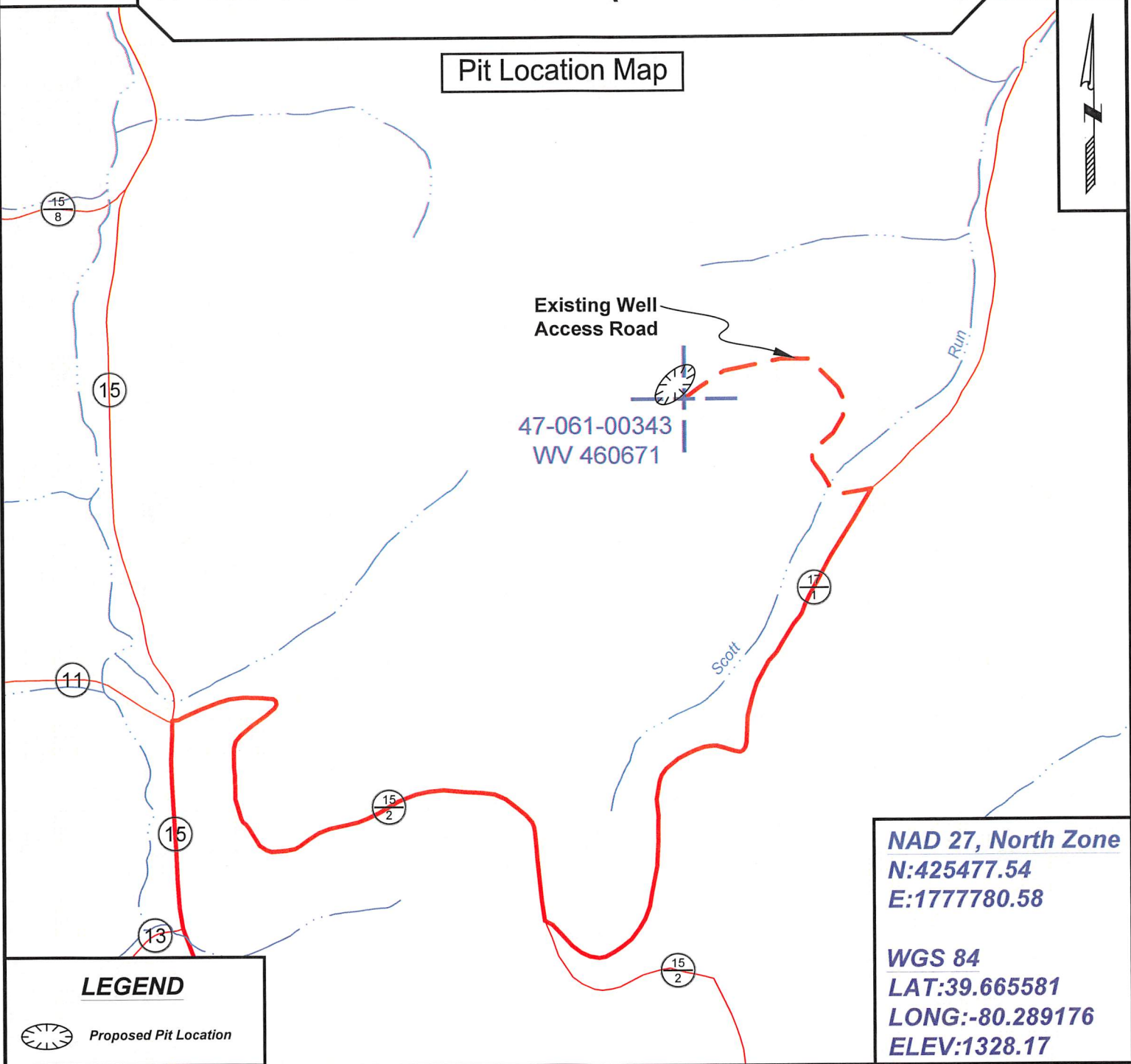
Date: March 7, 2019

District: Battelle

Project No: 72-20-00-08

Highway **47-061-00343 WV 460671 (Lemasters W-11900)**

Pit Location Map



LEGEND

 Proposed Pit Location

NAD 27, North Zone
N:425477.54
E:1777780.58

WGS 84
LAT:39.665581
LONG:-80.289176
ELEV:1328.17



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
Canonsburg, PA 15317

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Office of Oil and Gas
MAY 7 2019

WV Department of
Environmental Protection

Topo Quad: Wadestown 7.5'

Scale: 1" = 2000'

47-061-00343P

County: Monongalia

Date: March 7, 2019

District: Battelle

Project No: 72-20-00-08

47-061-00343 WV 460671 (Lemasters W-11900)

Topo



47-061-00343
WV 460671

NAD 27, North Zone
N:425477.54
E:1777780.58

WGS 84
LAT:39.665581
LONG:-80.289176
ELEV:1328.17



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
Canonsburg, PA 15317

RECEIVED
Office of Oil and Gas
MAY 7 2019
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: 47-061-00343 WELL NO.: WV 460671 (Lemasters W-11900)

FARM NAME: Wm. J. Lemasters

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Monongalia DISTRICT: Battelle

QUADRANGLE: Wadestown 7.5'

SURFACE OWNER: Kent A. Leonhardt

ROYALTY OWNER: Billy Atkins Agent, et al.

UTM GPS NORTHING: 4390882

UTM GPS EASTING: 560971 GPS ELEVATION: 405 m (1328 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 _____

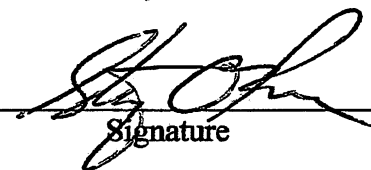
4. Letter size copy of the topography map showing the well location.

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 7 2019

WV Department of
Environmental Protection


Signature

PS# 2180
Title

3/7/19
Date