

January 30, 2020

Mr. Jeff McLaughlin WVDEP Division of Oil & Gas 601 57th Street Charleston, West Virginia 25304

RECEIVED
Office of Oil and Gas

Check AMT \$650 Check Date 01/30/2020 Check No. 45/24

FEB 1 8 2020

WV Department of Environmental Protection

RE:

Emma Griffith No. 166

Duval District, Lincoln County

West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-3A, WW-3B, WW-9, WW-3(B1), mylar of plat, reclamation plan, topo map and copies of the certified mailing receipts for a permit to drill the above referenced injection well. Also enclosed is our check in the amount of \$650.00 to cover the associated permit fees.

Very truly yours,

Diane White

Diane C. White

Enclosures

cc:

Lionel & Linda Parker – Certified Joshua D. Brumfield – Certified Justin White - Certified Jeffery Smith – Inspector

CAUTION: External email. Do not click links or open attachments unless you verify sender.

RE: Permit No. UIC2R04301AP

Wells: Emma Griffith 166 - Elevation 920'

Emma Griffith 167 – Elevation 920' Emma Griffith 168 – Elevation 911' Emma Griffith 267 – Elevation 920' Nathanial Mason 169 – Elevation 911' Nathanial Mason 268 – Elevation 911'

Operator: HG Energy, LLC

Locations: Duval District, Lincoln County, West Virginia

Quadrangle: Griffithsville 7.5' Watershed: Straight Fork

Elevations: 920'

I am writing on behalf of Joshua D. Brumfield of 31 Vandalia Drive, Yawkey, West Virginia 25573. His telephone number is 304-561-7831. My contact information is below.

Mr. Brumfield's comments are as follows:

- Mr. Brumfield requests that any producing wells placed on his property have underground electricity run to them so electric motors can be installed. He was told by HG that this would be done on the well that is currently located on his property but it was never done. The well can be heard from his house.
- He disagrees with the proximity to his home of at least one of the well pads which will be used for the Emma Griffith 166, 167 and 267 Wells and requests that they explore alternative locations.
- He believes the road HG Energy intends to build to access the well sites will be a major land disturbance leading to erosion of his property. HG Energy claims to "already have a rightof-way" but he isn't sure if that is true.
- 4. He feels that the standard \$5,000 per pad offer for "nuisance pay" to the landowner is insufficient considering the locations they have chosen, one of which is very close to his home.
- He also requests that the producing well established in 2014 or 2015 (believed to be Nathaniel Mason 224) be switched to an electric motor as he was told it would be so that there will be less noise from said well.

We are in the process of reviewing the applications and anticipate submitting more comments by the end of the month and hopefully by the end of next week.

Mo Persinger



Howard M. "Mo" Persinger, III 237 Capitol Street Charleston, WV 25301

Phone: 304-346-9333

Fax: 304-346-9337

hmp3@persingerlaw.com

RECEIVED
Office of Oil and Gas

FEB 1 8 2020

FORM WW-3 (B) 1/12



1) Date:	01/30/202	20			Envir	IV De	epanment of ental Protecti
2) Operato	or's Well	No.	Emi	ma Griffith 16	6		
3) API We	ell No.:	47	-	043		s	
		State		County	_	-	Permit
4) UIC Pe	rmit No.	UIC2	R0430	1AP			

STATE OF WEST VIRGINIA NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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A.C	And the last of th				-		Addre		pont Road
O) OIL & GAS I		arkersburg,		ED		10) DDII 1 D	TO CONTE		ourg, WV 26101
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WW-2B1	
(5-12)	

Well	No.	Emma Griffith 166

West Virginia Department of Environmental Protection Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name
Sampling Contractor

Well Operator
Address

5260 Dupont Road
Parkersburg, WV 26101

Telephone

Sturm Environmental Labs
Sturm Environmental Labs

Sturm Environmental Labs

Sturm Environmental Labs

Sturm Environmental Labs

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

* Two water sources identified for possible testing

* Joshua D. Brumfield

** RECEIVED Office of Oil and Gas

EER 1 8 2020

Diane White

From:

Diane White

Sent:

Thursday, January 30, 2020 11:04 AM

To:

Vicki Hoops

Subject:

Water Sampling in the Area of Wells Emma Griffith 166, 167, 267

Attachments:

20200130110609350.pdf; 20200130110602596.pdf

Vicki,

Good morning. Listed below are two possible water sources for testing.

Joshua D. Brumfield 31 Vandalia Drive Yawkey, WV 25573

David Brumfield 9 Brumfield Drive Yawkey, WV 25573

I've attached a topo, rec plan and survey of area which may be of assistance in locating the water sources. Please let me know if they refuse to have their water tested. Let me know if you have any questions.

Thanks, Diane

Diane C. White



HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 304-420-1119 (O) 304-482-0108 (C) dwhite@hgenergyllc.com

RECEIVED
Office of Oil and Gas

FEB 1 8 2020

FORM WW-3 (A) 1/12



1) Date: Jan	uary 30, 2020				
2) Operator's	Well No.	Emma	Griffith 166		
3) API Well N	No.: 47	7 -		-	
	Sta	ite	County		Permit
4) UIC Permit	No. uic	2R04301AF			

STATE OF WEST VIRGINIA NOTICE OF LIQUID INJECTION OF WASTE DISPOSAL WELL WORK PERMIT APPLICATION FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS,

		(a) Coal Operator Name NA	
(a) Name Address		Address	
Address	Yawkey, WV 25573	-tudiess	,
(b) Name		b) Coal Owner(S) With I	Declaration Of Record
Address		Name NA	occidentation of resorts
rudicss	-	Address	
	Turney, IV 20010	radicis	
(c) Name	Justin White	Name	RECEIVED
Address		Address	
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) Inspector		(c) Coal Lessee with Decl	
Address		Name NA	WV Dengrimer
	Cross Lanes, WV 25313	Address	Environmental Pro
Telephone	681-313-6743		
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RECEIVED Office of Oil and Gas

FEB 1 8 2020



January 30, 2020

Justin White 53 Bear Fork Yawkey, WV 25573

RE:

Emma Griffith No. 166

Duval District, Lincoln County

West Virginia

Dear Landowner:

Enclosed are copies of various application papers that we have filed with the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas. A well work permit is being requested for the above-referenced well.

Pursuant to WV Code Chapter 22B, Article 6, you are receiving copies of this correspondence because the well or other anticipated disturbance is located on your surface property. Your rights as a landowner are detailed in the enclosed permit application papers.

No action on your part is required. If you have any questions or comments regarding this application, you may call this office at (304) 420-1119.

Very truly yours,

Diane White

Diane C. White

Enclosures

Office of Oil and Gas
FEB 1 8 2020

WV Department of Environmental Protection



January 30, 2020

Joshua D. Brumfield 31 Vandalia Drive Yawkey, WV 25573

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Very truly yours,

Diane White

Diane C. White

Enclosures

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W// Department of Thironimental Protection



January 30, 2020

Lionel & Linda Parker 5008 Straight Fork Yawkey, WV 25573

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Very truly yours,

Diane White

Diane C. White

Enclosures

RECEIVED

FEB 1 8 2020

SURFACE OWNER WAIVER

County	043	 Operat	tor tor well nu	mber	HG Energy, LLC Emma Griffith 166
	INSTRUCTIONS	TO SURFACE OWNE	ERS NAMED	ON PAG	E WW2-A / 3A
(Note: If the surf name appeared you may be the work permits are	ace tract is owned by mon the Sheriff's tax ticked only owner who will action valid for 24 months. If you know when we have you	nore than three perso et on the land or bec ually receive these m you do not own any ir	ns, then the ause you ac aterials.) So terest in the notify the ween to FILE	se materia stually occu se Chapter surface tra ell operato ANY COM	
601 57 th St. SE Charleston, WV (304) 926-0450 <u>Time Limits and</u> operator files his be filed in persor be sure of the chandling. If you	25304 I methods for filing cor Application. You have been contacted by	FIFTEEN (15) DAYS by the Chief's office postmaster to ensur the well operator and	after the filir by the time s e adequate d you have s	ng date to to stated above delivery to signed a "ve	to be served on or before the date the file your comments. Comments must ve. You may call the Chief's office to ime or to arrange special expedited roluntary statement of no objection" to
well operator's na from the applicat The Chie 1) The 2) The 3) Dam 4) The 5) The	ame and well number ar ion. You may add other of has the power to deny proposed well work will consilerosion and sedimer lage would occur to publicant has committed	Your comments mund the approximate lo documents, such as or condition a well we constitute a hazard to not control plan is not a icly owned lands or reto protect fresh water a substantial violati	ust include y cation of the sketches, material backets between the safety of adequate or esources; or sources or on of a previous of the safety of the safet	our name, e proposed aps or pho ased on co f persons. effective; supplies; vious perm	address and telephone number, the well site including district and county otographs to support your comments. mments on the following grounds:
If you we request a copy to List of V to test your water	rant a copy of the perifrom the Chief. Vater Testing Laborator r to establish water quali VOLI state that I have read the	mit as it is issued on ories. The Office main ity prior to and after do UNTARY STATEME! the instructions to surfa-	ntains a list rilling. Conta NT OF NO O ace owners	of the order of water te act the Chie BJECTION and that I	er denying the permit, you should esting laboratories which you can hire ef to obtain a copy.
work order on Fo as described the I further	orm WW-2B / 3A, a surve rein.	ey plat, and a soil and ction to the planned v	l erosion pla	n, all for pr	roposed well work on my surface land e materials, and I have no objection to
	N BY A NATURAL PER		FO	R EXECU	TION BY A CORPORATION, ETC.
		Date	Company Name		
Sig	nature		By Its		Date
Prin	t Name	- RECEIVED Office of Oil and Gas			

WV Department of Environmental Protection

FEB 1 8 2020

Signature

Date

WW-9 (2/15)

API Number	47 -		-	
One	rator's	Well No	Emma Griffith 166	

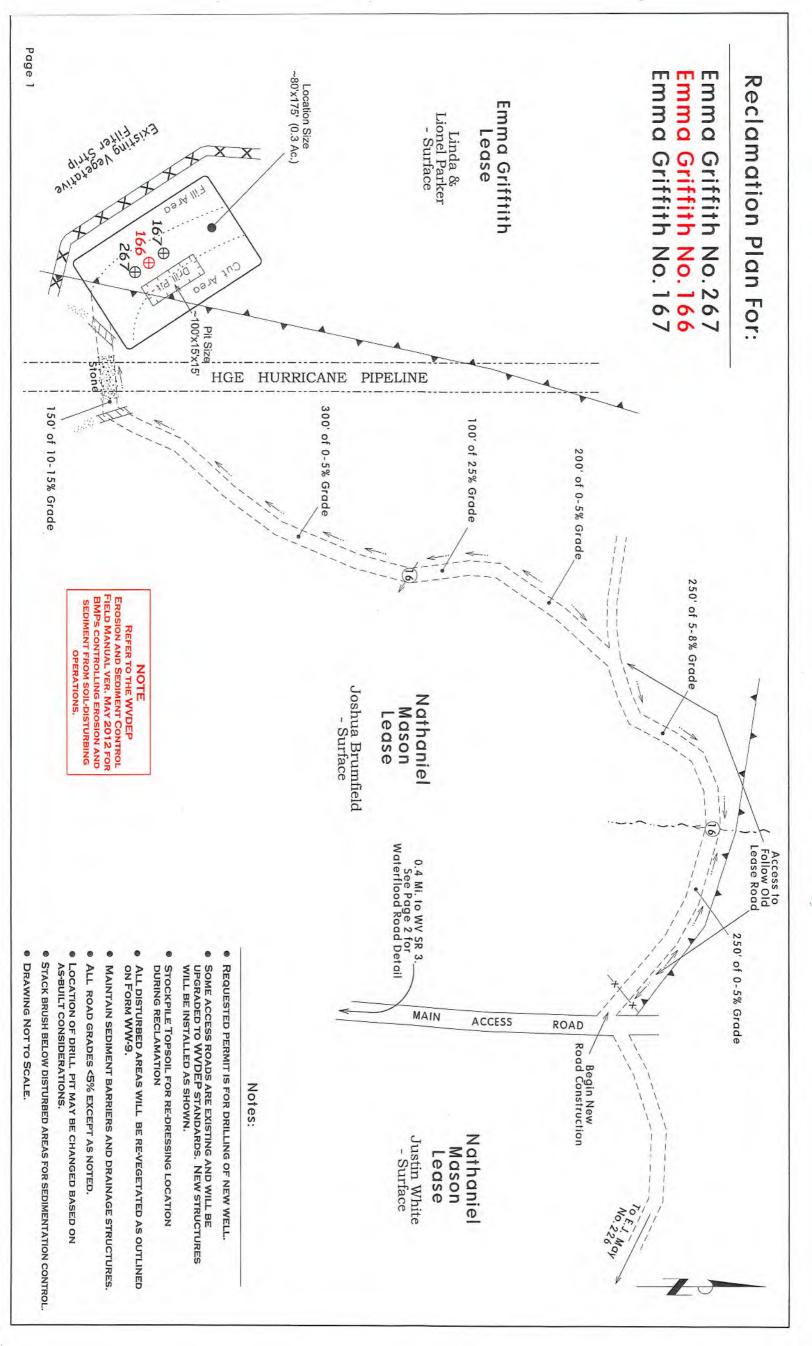
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

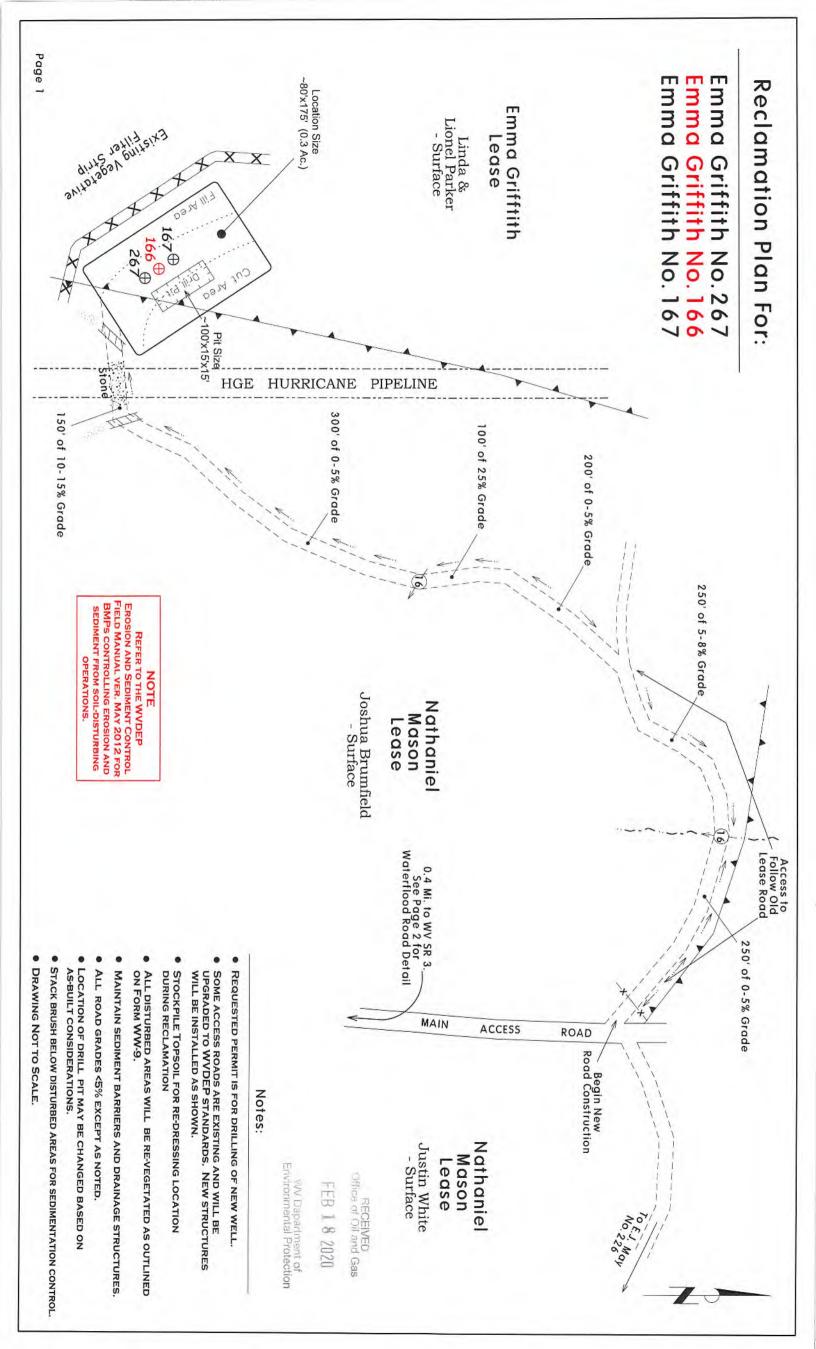
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

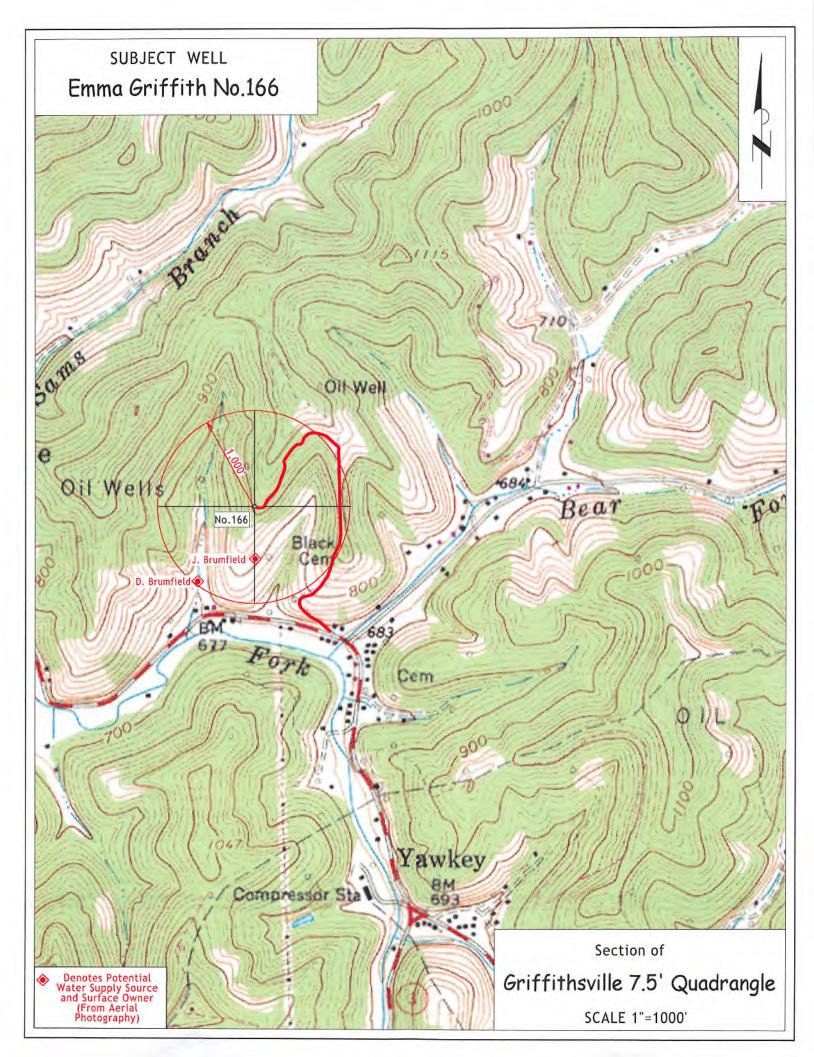
Operator Name HG Energy, LLC	OP Code 494497948
Watershed (HUC 10) Straight Fork	Quadrangle Griffithsville 7.5'
Do you anticipate using more than 5,000 bbls of water t	to complete the proposed well work? Yes No V
Will a pit be used? Yes V No	
If so, please describe anticipated pit waste:F	Fluids encountered while drilling subject well
Will a synthetic liner be used in the pit? Yes _	No If so, what ml.? 20 mil
Proposed Disposal Method For Treated Pit Wa	istes:
Land Application	San Asartwo
Underground Injection (UIO Reuse (at API Number	C Permit Number
	orm WW-9 for disposal location)
Will closed loop system be used? If so, describe: No	
Drilling medium anticipated for this well (vertical and h	norizontal)? Air, freshwater, oil based, etc. Air, Fresh Water
-If oil based, what type? Synthetic, petroleum,	etc. NA
Additives to be used in drilling medium? Water, Soap,	(CI
	emoved offsite, etc. Offsite Disposal at a DEP Approved Landfill
-If left in pit and plan to solidify what medium	
-Landfill or offsite name/permit number? To B	
	oil and Gas of any load of drill cuttings or associated waste rejected at any rovided within 24 hours of rejection and the permittee shall also disclose
on August 1, 2005, by the Office of Oil and Gas of the Provisions of the permit are enforceable by law. Viola law or regulation can lead to enforcement action. I certify under penalty of law that I have perapplication form and all attachments thereto and that obtaining the information, I believe that the informat penalties for submitting false information, including the	Delice of Oliver
Company Official Signature Diane Wh	FEB I 8 2020
Company Official (Typed Name) Diane White	
Company Official Title Accountant	WV Department of Environmental Protection
Subscribed and sworn before me this 30th da	y of January , 20_20
My commission expires 7/3/2022	Notary Public OFFICIAL SEAL STATE OF WEST VIRGINIA NOTARY PUBLIC CASSIDY A. BOARDMAN 5301 13th Ave Vienna, WV 26105 My Commission Expires July 31, 20

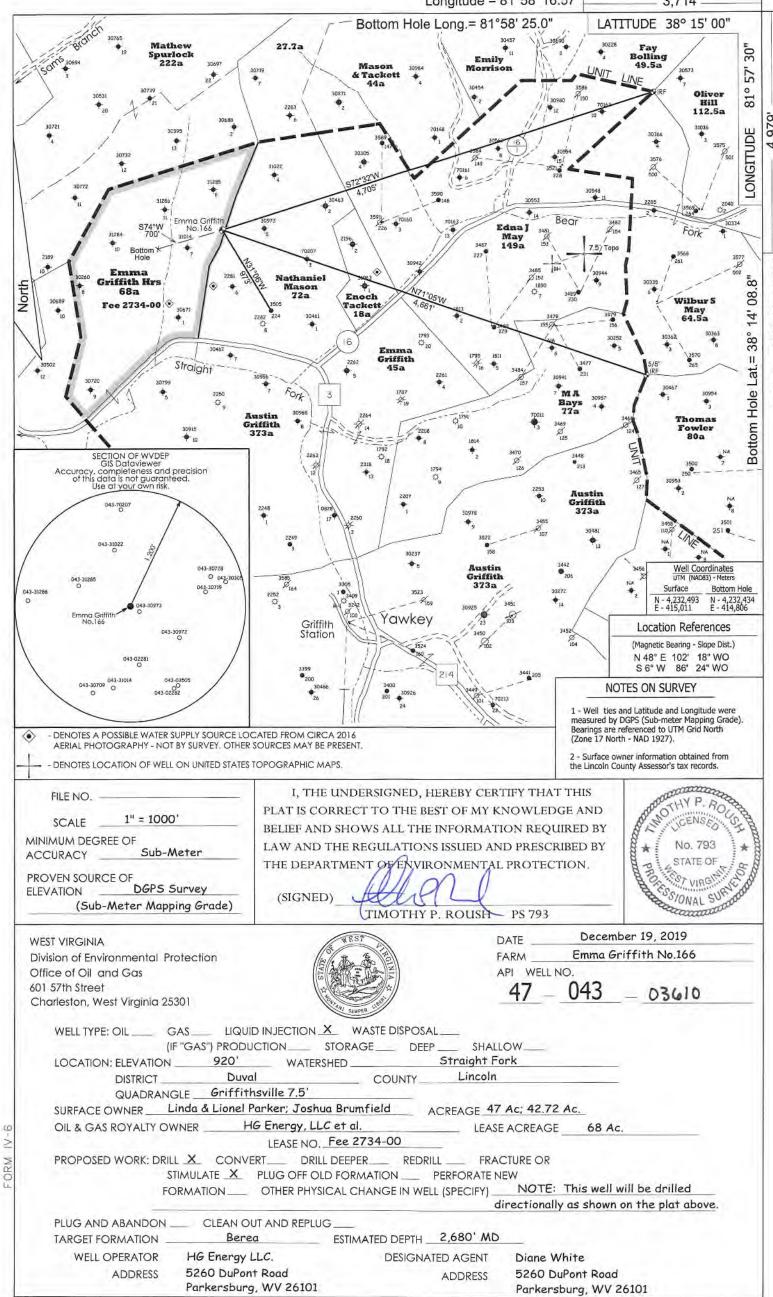
Proposed Revegetation Treat	ment: Acres Distur	rbed 1.5 acres Preven	getation pH
		o correct to pH 6.5	
Fertilizer type 10-2	0-20		
Fertilizer amount		500 lbs/acre	
Mulch Straw		2 Tons/acre	
		Seed Mixtures	
Те	mporary		Permanent
Seed Type	lbs/acre	Seed Ty	pe lbs/acre
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5
Orawing(s) of road, location, provided)		rea for land application (unless engineere	d plans including this info have
Photocopied section of involves the property of the property of the property of the provided by:	red 7.5' topographic	c sheet.	
Orawing(s) of road, location, provided) Photocopied section of involve Plan Approved by:	ved 7.5' topographic	c sheet.	d plans including this info have
Orawing(s) of road, location, provided) Photocopied section of involved Plan Approved by:	red 7.5' topographic	c sheet.	1
Orawing(s) of road, location, provided) Photocopied section of involved Plan Approved by:	red 7.5' topographic	c sheet.	1
Drawing(s) of road, location, provided) Photocopied section of involve the provided section of involve the provided by:	red 7.5' topographic	c sheet.	1
Drawing(s) of road, location, provided) Photocopied section of involved by: Plan Approved by: Tell Comments: All Sed	red 7.5' topographic	sheet.	roved prior

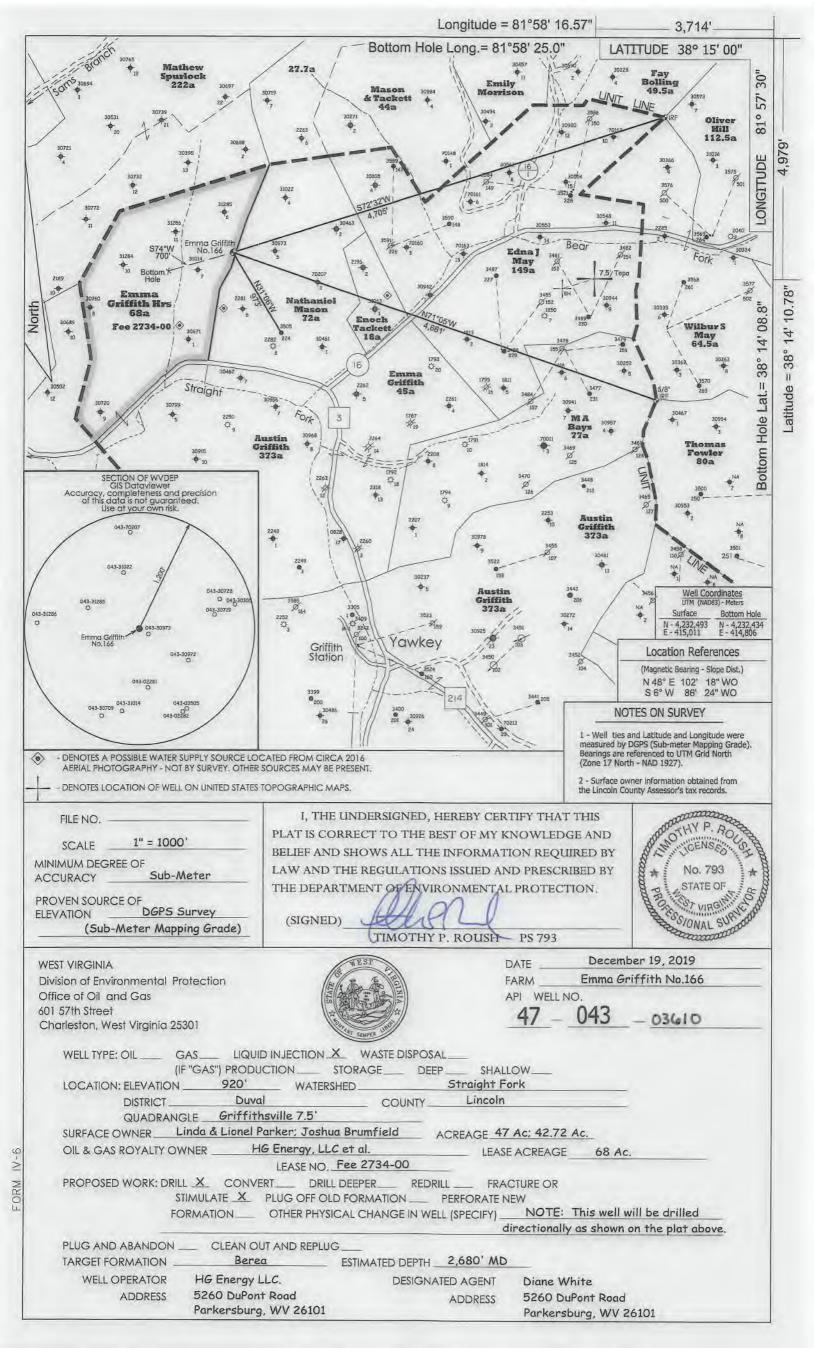
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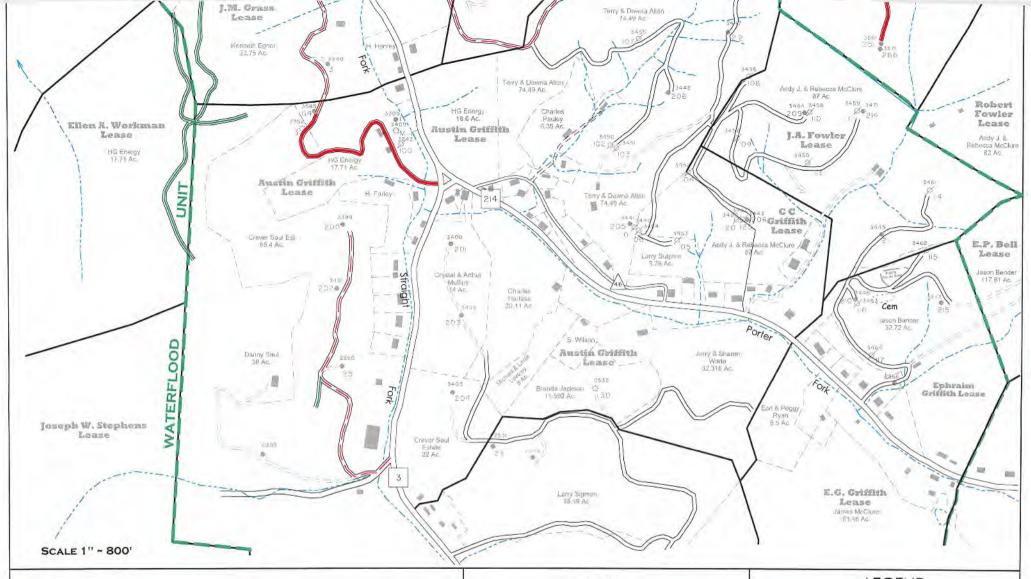














DECEMBER 19, 2019

GRIIFTHSVILLE WATERFLOOD

Lincoln County, W.Va.

RECLAMATION PLAN SHOWING ROAD SYSTEMS TO BE USED FOR 2020 DRILLING PROGRAM

PAGE 2

NOTES

- 1. REFER TO THE WVDEP EROSION AND SEDIMENTATION CONTROL MANUAL (VER. MAY 20, 2013) FOR BMP'S CONTROLLING EROSION AND SEDIMENTATION FROM ALL SOIL-DISTURBING OPERATIONS.
- 2. SEE PAGE ONE OF RECLAMATION PLAN FOR DETAILS OF NEW ROAD CONSTRUCTION AND ROAD UPGRADES FROM POINT A TO DRILL SITE LOCATION.
- 3. EXISTING WATERFLOOD ACCESS ROADS WILL BE MAINTAINED IN PRESENT CONDITION. THESE ROADS WERE CONSTRUCTED UNDER CONDITIONS SET FORTH IN VARIOUS DRILLING PERMITS ISSUED BY WVDEP-OOG PRIOR TO 2015 (AS SHOWN). SEE PERMITS ON FILE FOR MORE DETAIL.

EXISTING WATERFLOOD ROADS TO BE USED. OTHER EXISTING MAIN WATERFLOOD ROADS (POSSIBLE ACCESS). EXISTING LEASE OR FARM ROADS TO BE UPGRADED. NEW ROADS TO BE CONSTRUCTED. EG 166 LOCATION FOR

POTENTIAL WATER SUPPLY SOURCE TO BE SAMPLED (SEE TOPO SHEET)

PROPOSED WELLS

