

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, March 16, 2020 WELL WORK PERMIT Vertical / New Drill

HG ENERGY, LLC 5260 DUPONT ROAD

Re:

PARKERSBURG, WV 26101

Permit approval for E. G. GRIFFITH 163 47-043-03608-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: E. G. GRIFFITH 163

Farm Name: JOSHUA & KELLEY ENDICO

U.S. WELL NUMBER: 47-043-03608-00-00

Vertical New Drill

Date Issued: 3/16/2020

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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

CONDITIONS

- 1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
- 3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
- 4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 5. 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.
- 6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours
- 7. Well work activities shall not constitute a hazard to the safety of persons.
- 8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

FORM WW-3 (B) 1/12



1)	Date:	02/06/2020	כ							
2)	Operator	's Well N	To.	ΕG	Griffith	163				
3)	API Well	l No.:	47	-	043		-	s		
			State		Cou	inty			Permit	

4) UIC Permit No. UIC2R04301AP

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

FOR TH	E DEPAR	RTMENT	COFEN	VIRO	MENTA	L PROTECTI	ON, OFF	ICE OF O	IL AND GAS
5) WELL TYPE:	Liqui	d Injection	n 🗸	/	Gas Inject	tion (not storag	e)	_ / W	aste Disposal
6) LOCATION:	Elevation				Wat	tershed: Port	er Fork		
	District:	Duval			Cou	inty Lincoln		Quadran	gle Griffithsville 7.5'
7) WELL OPERA	TOR: HO	3 Energy, LL	С			8) DESIGNAT	TED AGE	NT Diane Wh	ite
		60 Dupont R				,	Address		ont Road
1140		rkersburg, V							urg, WV 26101
9) OIL & GAS IN				ED		10) DRILLING	G CONTR	ACTOR	
,	L. Smith	K TO DE	1101111					Upon Approval	of the Permit
	ig Tyler Road					Address			
	anes, WV 25								
			D.'11		/ D=11 4		/ Red	ri11	/ Stimulate
11) PROPOSED	WELL WO	JKK.			/ Drill de	/ Perfor			Convert
		J	Plug off o	old form			ate new 10		Convert
					change in w	rell (specify)	05001	Feet (top)	to 2530' Feet (bottom)
12) GEOLOGIC	TARGET.	FORMA'	ITON Bei	ea	.1 .0	Depth	2508		to 2550 Feet (bottom)
13) Estimated De	pth of Con	npleted W	ell, (or a				MD	Feet	Test
14) Approximate				sh _300'		Feet	Salt 9	160'	_ Feet
15) Approximate	coal seam	depths:	465'						
16) Is coal being:	mined in the	he area?	Yes		_ No				
17) Virgin reserve	oir pressur	e in targe	t formation	n 1250	psig	Source	Estimated		
18) Estimated res	ervoir frac	ture press	sure 265	0					psig (BHFP)
10) MAXIMIM	PROPOST	ED INJEC	CTION O	PERAT	IONS: V	olume per hour	25 BBL		ole pressure 2400 psi
20) DETAILED	DENTIFI	CATION	OF MAT	ERIAL	S TO BE I	NJECTED, INC	LUDING	ADDITIVE	S Fresh water, produced
water, bactericides	and other che	micals as ne	eded to mair	ntain water	quality and imp	rove oil recovery			
21) FILTERS (IF	ANY) C	artridge filter	rs and charc	oal bed filt	ers				*
22) SPECIFICAT	TONS FO	R CATH	ODIC PR	OTECT	TON AND	OTHER CORE	ROSION C	CONTROL	NA
22) 51 LCH 1011	1011010								
23) CASING AND	TUBING I	PROGRAN	Л						
CASING OR	SPECIFICATIONS				FOOTAGE IN	TERVALS	CEMENT	PACKERS	
TUBING TYPE	Size	Grade	Weight	New	Used	For Drilling	Left In	FILL –UP	
			per ft.				Well	OR SACKS	
								(CU. FT.)	
Conductor									Kinds
Fresh Water	7"	LS	17#	X		520'	520'	CTS	•
Coal									Sizes
Intermediate									2.375"
Production	4 1/2"	J-55	10.5#	X		· 2630'	2630'	150 sks	Depths set
Tubing	2 3/8"	J-55	4.8#	X		2400'	2400'		2300'
Liners	20,0								Perforations
Linois									Top Bottom
									•
	-	1							
24) APPLICAN	L'S ODED	ATINGR	IGHTS	vere aco	mired from	E Ray Griffith Et	: Al		
by deed				other co			05/02/1973		of record in the
Lincoln	/ 1		County Cl		_	ease / dated		Book 35	Page 317
LINGOIN			Junity CI	CAR D UL			1		
	C)CE	RECEIVE				1	5)	
	UTTI	ce of Oil a	ina Gas				//		

FEB 1 8 2020

FORM WW-3 (A) 1/12



1) Date: February 5	, 2020				
2) Operator's Well	No.	E G Gri	ffith 269		
3) API Well No.:	47	-		-	
	State		County		Permit
4) IIIC D '4 NI-			200		

ne

4) UIC Permit No. <u>UIC2R04301AP</u>

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,

TOK III	TE DELAKTRIENT OF ENVIRONM	IENTALIN	OIECTION,	office of oil and das,
5) Surface Ow	vner(S) To Be Served	7) (a) Coal (Operator	
(a) Name	Joshua & Kelley Endicott	Name	NA	
Address	4701 Midway Road	Address		the state of the state of
	Yawkey, WV 25573	_		
(b) Name	Earl & Peggy Ryan	7) (b) Coal	Owner(S) With D	eclaration Of Record
Address	Name Joshua & Kelley Endicott dress 4701 Midway Road Yawkey, WV 25573 Name Earl & Peggy Ryan 4797 Midway Road Yawkey, WV 25573 Name Sharon Wade dress 36 Wade Road Yawkey, WV 25573 Pector Jeffery L. Smith Gress 5369 Big Tyler Road Cross Lanes, WV 25313 ephone 681-313-6743 THE PERSONS NAMED ABOVE: You shout the Application For A Liquid Injection or Waste Disparties involved in the drilling or other work; the plat (surveyor's map) showing the well location on the Construction and Reclamation Plan on Form WW-lan for erosion and sediment control and for reclamation the date proposed for the first injection or waste disparation which are summarized in the APPLICATION [(FORM WW-3(B)] DESIGNATED	Name	NA	
	Yawkey, WV 25573	Address		
		_		
(c) Name	Sharon Wade	Name		
Address	rface Owner(S) To Be Served O Name Joshua & Kelley Endicott 4701 Midway Road Yawkey, WV 25573 O Name Earl & Peggy Ryan 4797 Midway Road Yawkey, WV 25573 O Name Sharon Wade 36 Wade Road Yawkey, WV 25573 Dector Jeffery L. Smith 5369 Big Tyler Road Cross Lanes, WV 25313 Dephone 681-313-6743 O THE PERSONS NAMED ABOVE: You see the parties involved in the drilling or other work; The plat (surveyor's map) showing the well location for Construction and Reclamation Plan on Form Volan for erosion and sediment control and for reclar The date proposed for the first injection or was REASON YOU HAVE RECEIVED THESE DICATION WHICH ARE SUMMARIZED IN THAPPLICATION [(FORM WW-3(B))] DESIGNAT ON AT ALL. Inotice that under Chapter 22-6 of the West Virginia e and Application and accompanying documents: Virginia Department of Environmental Protectic cation and depicted on the attached Form WW-6. ecclamation Plan have been mailed by registered of blication in certain circumstances) on or before the The person signing this documents and that, based on my inquiry of those individual ments and that, based on my inquiry of those individual ments and that, based on my inquiry of those individual ments and that, based on my inquiry of those individual ments and that, based on my inquiry of those individual ments and that, based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my inquiry of those individual ments and that based on my i	Address		
	Yawkey, WV 25573	_		
6) Inspector	Jeffery L. Smith	7) (c) Coal 1	Lessee with Decla	aration Of Record
Address		Name	NA	
1100100		- Address		
Telephone		_		
		_		
(2) The plat ((3) The Cons plan for e	(surveyor's map) showing the well location struction and Reclamation Plan on Form Werosion and sediment control and for recland	VW-9 (unless that it is the second se	he well work is of ite and access roa	d.
The date	e proposed for the first injection or wast	te disposal is		20
APPLICATION THE APPLICATION	N WHICH ARE SUMMARIZED IN THI ATION [(FORM WW-3(B)] DESIGNATI	E "INSTRUC"	TIONS" ON THE	REVERSE SIDE OF THE COPY OF
Take notice the Notice and Ap West Virginia Application an and Reclamation	at under Chapter 22-6 of the West Virginia oplication and accompanying documents for Department of Environmental Protection depicted on the attached Form WW-6. on Plan have been mailed by registered or	for a Well Wo n, with respect Copies of this certified mail	rk Permit with the to a well at the Notice, the Apport or delivered by	the Chief of the Office of Oil and Gas, the location described on the attached lication, the plat, and the Construction thand to the person(s) named above (or
	The person signing this docur			
"I certify unda			Well Operator	HG Energy, LLC
	er nenalty of law that I have personally eval	mined and		= 3/1 = -
		illilled alld	Address	5260 Dupont Road
	ith the information submitted in this docum	nent and all	•	
	ith the information submitted in this document that, based on my inquiry of those indivi	nent and all	Address	5260 Dupont Road
immediately re	ith the information submitted in this document that, based on my inquiry of those indivi- esponsible for obtaining the information, I	nent and all iduals believe that	Address By:	5260 Dupont Road Parkersburg, WV 26101 Diane White
immediately re the information	ith the information submitted in this document that, based on my inquiry of those indivisions in the information, I is true, accurate and complete. I am awa	nent and all iduals believe that re that there	Address	5260 Dupont Road Parkersburg, WV 26101
immediately re the information are significant	ith the information submitted in this document that, based on my inquiry of those individes possible for obtaining the information, I is true, accurate and complete. I am awa penalties for submitting false information,	nent and all iduals believe that re that there	Address By: Its:	5260 Dupont Road Parkersburg, WV 26101 Diane White Accountant
immediately re the information are significant	ith the information submitted in this document that, based on my inquiry of those individes possible for obtaining the information, I is true, accurate and complete. I am awa penalties for submitting false information,	nent and all iduals believe that re that there	Address By:	5260 Dupont Road Parkersburg, WV 26101 Diane White

RECEIVED
Office of Oil and Gas

FEB 1 8 2020



HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office (304) 863-3172 - Fax

February 6, 2020

Joshua & Kelley Endicott 4701 Midway Road Yawkey, WV 25573

RE:

E G Griffith No. 163

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

RECEIVED
Office of Oil and Gas

FEB 1 8 2020



HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office (304) 863-3172 - Fax

February 6, 2020

Sharon Wade 36 Wade Road Yawkey, WV 25573

RE: E C

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HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office (304) 863-3172 - Fax

February 6, 2020

Earl & Peggy Ryan 4797 Midway Road Yawkey, WV 25573

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Diane White

Diane C. White

Enclosures

RECEIVED
Office of Oil and Gas

FEB 1 8 2020

WW-9 (2/15)

API	Num	ber	47	_	
** *	TIGHT	CCI	. ,		

Operator's Well No. E G Griffith 163

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

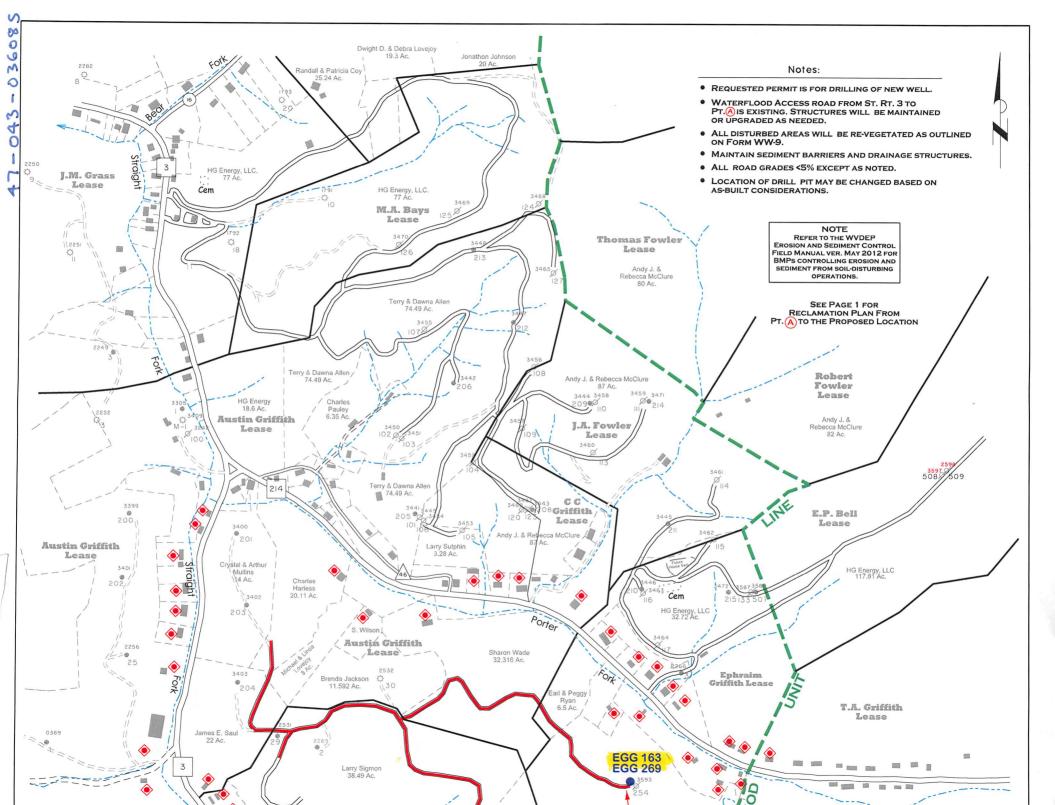
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

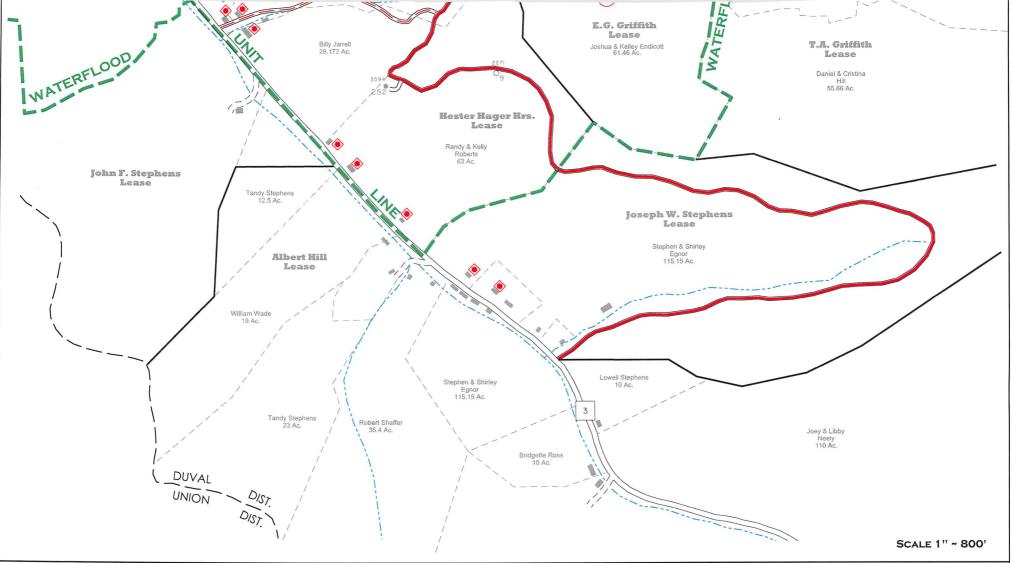
Operator Name HG Energy, LLC	OP Code _494497948
	Quadrangle Griffithsville 7.5'
Do you anticipate using more than 5,000 bbls of water to	
Will a pit be used? Yes No	
If so, please describe anticipated pit waste:F	luids encountered while drilling subject well
Will a synthetic liner be used in the pit? Yes	No If so, what ml.?
Proposed Disposal Method For Treated Pit Was	
Land Application	
Underground Injection (UIC Reuse (at API Number	Permit Number
	rm WW-9 for disposal location)
	•
Will closed loop system be used? If so, describe: No	
Drilling medium anticipated for this well (vertical and h	orizontal)? Air, freshwater, oil based, etc. Air, Fresh Water
-If oil based, what type? Synthetic, petroleum,	etcNA
Additives to be used in drilling medium? Water, Soap, K	CCI
Drill cuttings disposal method? Leave in pit, landfill, re	moved offsite, etcOffsite Disposal at a DEP Approved Landfill
	will be used? (cement, lime, sawdust) NA
-Landfill or offsite name/permit number?To B	
Permittee shall provide written notice to the Office of O	il 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 V 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	
Company Official Signature Diane White	<u> </u>
	RECEIVED Office of Oil and Gas
- and the state of the state of	FEB 1 8 2020
Subscribed and sworn before me this 6th da	
	Notary Public OFFICIAL SEAL OF
My commission expires \(\frac{3}{2022} \)	STATE OF WEST VIRGINIA NOTARY PUBLIC CASSIDY A. BOARDMAN 5301 13th Ave Vienna, WV 26105 My Commission Expires July 31. 202

Operator's Well No. E G Griffith 163

HG Energy, LLC				
Proposed Revegetation Treats	nent: Acres Disturbed	1.5 acres	Prevegetation pl	Н
Lime	3 Tons/acre or to con	rrect to pH 6.	5	
Fertilizer type 10-2	0-20			
Fertilizer amount		500 lbs/acr	re	
Fertilizer type 10-20-20 Fertilizer amount 500 lbs/acre Mulch Straw 2 Tons/acre Seed Mixtures Temporary Permanent Seed Type lbs/acre Seed Type lbs/acre Tall Fescue 40 Tall Fescue 40 Ladino Clover 5 Ladino Clover 5 **Sediment and Erosion Control will be in place at all times **				
		C 135		
		Seed IVII		
		,		
Tall Fescue	40		I all Fescue	40
Ladino Clover	5		Ladino Clover	5
**Sediment and Fro	sion Control will	be in place	e at all times **	
	Society Smith			
01/	diment cont	100/ to	Se remove	d prior
to release	2,			
Proposed Revegetation Treatment: Acres Disturbed 1.5 acres Prevegetation pH Lime 3 Tons/acre or to correct to pH 6.5 Fertilizer type 10-20-20 Fertilizer amount 500 lbs/acre Mulch Straw 2 Tons/acre Seed Mixtures Temporary Permanent Seed Type lbs/acre Seed Type lbs/acre Tall Fescue 40 Tall Fescue 40 Ladino Clover 5 Ladino Clover 5 **Sediment and Erosion Control will be in place at all times ** Attach: Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided) Photocopied section of involved 7.5' topographic sheet.				
roposed Revegetation Treatment: Acres Disturbed 1.5 acres Prevegetation pH Lime 3 Tons/acre or to correct to pH 6.5 Fertilizer type 10-20-20 Fertilizer amount 500 Ibs/acre Mulch Straw 2 Tons/acre Seed Mixtures Temporary Permanent Seed Type Ibs/acre Seed Type Ibs/acre Tall Fescue 40 Ladino Clover 5 Ladino Clover 5 **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Sediment and Erosion Control will be in place at all times ** **Acron.** **Acron.** **Sediment and Erosion Control will be in place at all times ** **Acron.** **Acro.** **Acron.** **Acron.** **Acron.** **Acron.** **Acron.**				
Title: 0:/ & Go 3	TASpertop		Date: 27/ -20	
Field Reviewed?	Yes		No	
		Office o	CEIVED f Oil and Gas	

FEB 1 8 2020







GRIIFTHSVILLE WATERFLOOD

Lincoln County, W.Va.

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

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.

EX RC OT W (P EX FA

LEGEND

EXISTING WATERFLOOD ROADS TO BE USED.

OTHER EXISTING MAIN WATERFLOOD ROADS (POSSIBLE ACCESS).

EXISTING LEASE OR FARM ROADS TO BE UPGRADED.

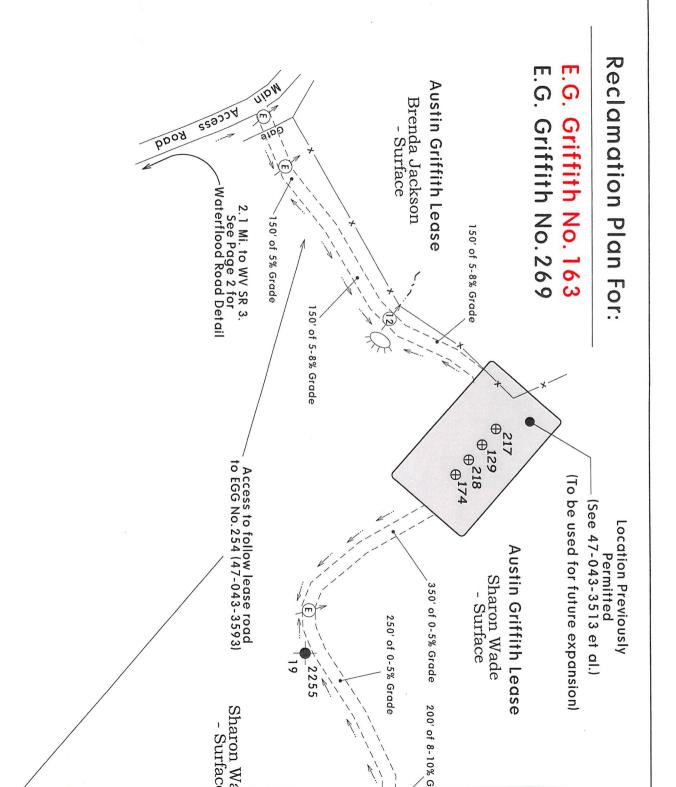
NEW ROADS TO BE CONSTRUCTED.

EGG 163

LOCATION FOR PROPOSED WELLS

POTENTIAL WATER SUPPLY SOURCE TO BE SAMPLED (LOC. APPROX.)

DECEMBER 18, 2019



Notes:

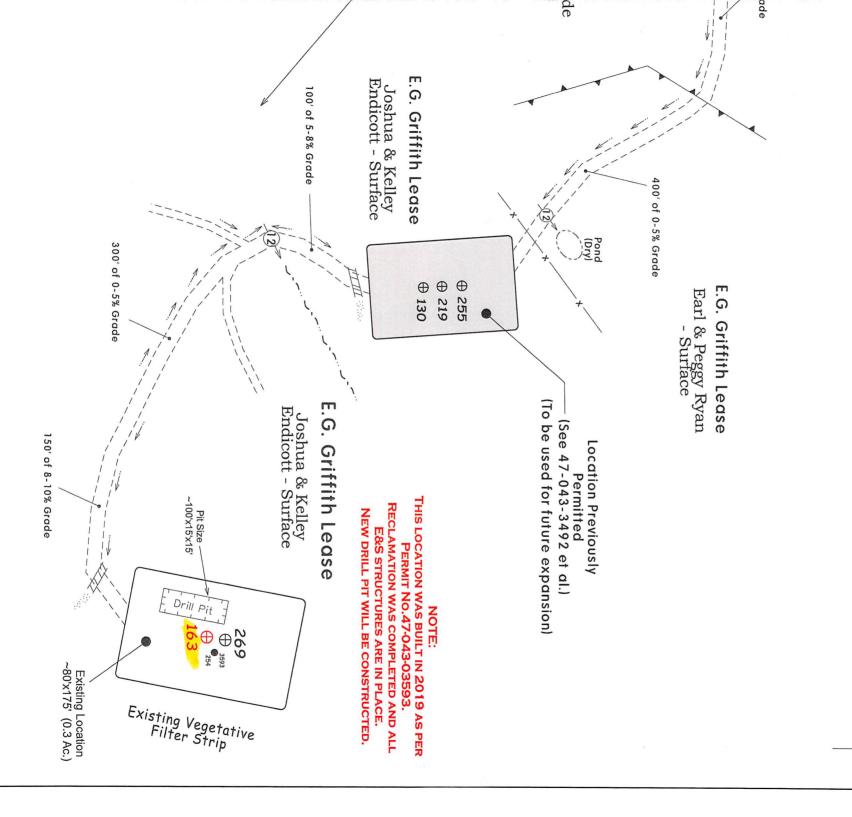
- REQUESTED PERMIT IS FOR DRILLING OF NEW WELL.
- ACCESS ROADS ARE EXISTING AND WILL BE MAINTAINED TO WVDEP STANDARDS. NO NEW STRUCTURES WILL BE REQUIRED.
- STOCKPILE TOPSOIL FOR RE-DRESSING LOCATION DURING RECLAMATION
- ALL DISTURBED AREAS WILL BE RE-VEGETATED AS OUTLINED ON FORM WW-9.
- MAINTAIN SEDIMENT BARRIERS AND DRAINAGE STRUCTURES
- ALL ROAD GRADES <5% EXCEPT AS NOTED
- LOCATION OF DRILL PIT MAY BE CHANGED BASED ON AS-BUILT CONSIDERATIONS.
- DRAWING NOT TO SCALE

FEB I 8 2020 WV Department of Environmental Protection

Office of Oil and Gas

NOTE

REFER TO THE WVDEP
EROSION AND SEDIMENT CONTROL
FIELD MANUAL VER. MAY 2012 FOR
BMPS CONTROLLING EROSION AND
SEDIMENT FROM SOIL-DISTURBING
OPERATIONS.



WW-2B1 (5-12)

Well	No.	E G Griffith 163	
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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

Sturm Environmental Labs

Sampling Contractor

Sturm Environmental Labs

Well Operator

HG Energy, LLC

Address

5260 Dupont Road

Parkersburg, WV 26101

Telephone

304-420-1119

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.

* See Attached List of Water Sources to be Obtained & Analyzed

MUST TEST AT LEAST OUE.

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WSW TO BE TESTED

- 1 Joshua & Kelly Endicott 4701 Midway Road Yawkey, WV 25573
- 2 Earl & Peggy Ryan 4797 Midway Road Yawkey, WV 25573
- 3 Jackie & Sandra Stowers 4818 Midway Road Yawkey, WV 25573
- 4 Jeremy & Sarah McClung 4810 Midway Road Yawkey, WV 25573
- 5 Matthew & Jessica Pauley 4786 Midway Road Yawkey, WV 25573
- 6 Jason & Ashley Bender 4794 Midway Road Yawkey, WV 25573
- 7 Robert McCallister 104 Lock Lane Alum Creek, WV 25003
- 8 Davis Brothers, LLC 1700 Vecuna Circle Panama City, FL 32407
- 9 Wanda Bird 1400 Bedford Road Charleston, WV 25314
- 10 Garland Endicott 4705 Midway Road Yawkey, WV 25573
- 11 Joann McMellon 4642 Midway Road Yawkey, WV 25573

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FEB 1 8 2020

Diane White

To:

Vicki Hoops

Subject:

Pre-Drill Water Testing for Wells EG Griffith 269 and EG Griffith 163

Attachments:

20200206092605353.pdf; 20200206092545987.pdf

Vicki,

Good morning. Attached you'll find a topo, rec plan and plat for the area surrounding the EG Griffith 269 and 163. Please obtain water samples for the

sources listed below and have a pre-drill water analysis performed as per the WV DEP EPA standards and guidelines. If a party does not want their water tested or is using city water; please let me know that as well. Let me know if you have any questions.

	Water Sources to be Tested	
1	Joshua & Kelly Endicott	
	4701 Midway Road	
	Yawkey, WV 25573	
2	Earl & Peggy Ryan	
	4797 Midway Road	
	Yawkey, WV 25573	
3	Jackie & Sandra Stowers	
	4818 Midway Road	
	Yawkey, WV 25573	
4	Jeremy & Sarah McClung	
	4810 Midway Road	
	Yawkey, WV 25573	
5	Matthew & Jessica Pauley	
	4786 Midway Road	
	Yawkey, WV 25573	
6	Jason & Ashley Bender	
	4794 Midway Road	
	Yawkey, WV 25573	
7	Robert McCallister	
	104 Lock Lane	
	Alum Creek, WV 25003	
8	Davis Brothers, LLC	
	1700 Vecuna Circle	
	Panama City, FL 32407	
9	Wanda Bird	
	1400 Bedford Road	
	Charleston, WV 25314	
10	Garland Endicott	
	4705 Midway Road	
	Yawkey, WV 25573	
11	Joann McMellon	
	4642 Midway Road	
	Yawkey, WV 25573	
Thank You		

Thank You, Diane RECEIVED
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47043036085 SUBJECT WELL E.G. Griffith No.163 sor Stal Griffith 900 Cem J. McClung

E. Ryan

E. Ryan

M. Pauley

J. Bender

W. Bird

W. Bird Davis Bros. G. Endicott

No.163 J. Endicott Oil Wells For Section of Griffithsville 7.5' Quadrangle Denotes Potential Water Supply Source and Surface Owner (From Aerial Photography) SCALE 1"=1000'

