

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

Monday, March 15, 2021 WELL WORK PERMIT Vertical / Re-Work

HG ENERGY, LLC 5260 DUPONT ROAD PARKERSBURG, WV 26101

Re: Permit approval for A.B. SMITH 122

47-087-04760-00-00

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: A.B. SMITH 122

Farm Name: CHADWELL, RONALD & BR

U.S. WELL NUMBER: 47-087-04760-00-00

Vertical Re-Work Date Issued: 3/15/2021



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:	01/08/202	1				
2)	Operator	's Well N	Vo.	A. E	3. Smith 122		
3)	API Well	No.:	47		Roane	-	04760
			State		County		Permit
4)	UIC Pern	nit No.	22087	20000	5AP		

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

) LOCATION:	Elevatio		ar.	_		itershed: Lau unty Roane	rel Fork	Quadran	gle Looneyville 7.5'
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) WELL OPERA						8) DESIGNA	Addres		oont Road
Add		60 Dupont F		_			Addies		urg, WV 26101
		rkersburg, V		PD.		10) DRILLIN	GCONTR	_	arg, itt zotot
OIL & GAS IN		KIOBE	NOTIFI	ED		Name	O CONTR	ACTOR	
Tame Joe Ta					_	Address			
	laylick Road		_			Addiess			
Kipiey,	WV 25271		1000		/ Drill o		/ Red		/ Stimulate 🗸
2) GEOLOGIC 3) Estimated De 4) Approximate 5) Approximate 6) Is coal being	pth of Con water strat coal seam mined in the	npleted Wata depths: depths: he area?	TION Big Vell, (or a Fro NA Yes	g Injun Letual dej esh NA	pth of exist	Feet		Feet (top) Feet	to 2468' FEEF Notton Office of Change Feet JAN 2 1 20 WV Department
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J02

03/19/2021

WR-35 Rev. 8/23/13

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

. nr. 47 087 04	4760 County ROANE	I	District SMITHFIE	LD
API 47-551 1 OONEY/ILLE 7:	5' Pad Name SMITH		Field/Pool Name C	LOVER
Quad LOCKET VILLE 7 Farm name CHADWELL,	PAGINAME		Wall Number 122	
Farm name CHADVVELL,	H C ENEDGY I C	`	Well Mulloci	
Operator (as registered with	the OOG) H.G. ENERGY LLC	VEDEBLIDE	- 1007	26101
Address 5260 DuPONT I	ROAD City PAR	KEROBURG	State	
Permit Type Deviate Type of Operation Conv Well Type Brine Dispos Type of Completion Sin Drilled with Cable Drilling Media Surface he Production hole Air	hole Northing 4,284,289 M Curve Northing 4,284,321 M Hole Northing 4,284,321 M GL Type of Well of the Horizontal Horizontal Horizontal Great Deepen Drill Great G	East East East New Existing Fal 6A	ing 474,949 M ing 475,184 M Type of Report Depth Type Illing Rework Dlution Mining St	□Interim ■Final □ Deep ■ Shallow ■ Stimulate torage □ Other
Mud Type(s) and Additive N/A	(8)			
	/14/20 Date drilling commute	nenced N/A	Date drilling	ceased N/A 9/17/20
Date completion activities	began	_ Date completion act	Control by	
Verbal plugging (Y/N)	N Date permission granted	1	Granted by	
	quired to submit a plugging applic			plug None
Freshwater depth(s) ft	1860'	Open mine(s) (Y/N)	No. 2 Acres	None
Salt water depth(s) ft		Void(s) encountered		None
Coal depth(s) ft	None	Cavern(s) encountered	ed (Y/N) depths	Hono
Is coal being mined in area	ı (Y/N)N		Office of On will	Reviewed by:

WR-35

Rev. 8/23/13 CHADWELL, RONALD & BRENDA Well number_122 API 47-087 04760 Farm name Did cement circulate (Y/N) Grade Basket New or Hole Casing * Provide details below* CASING Depth(s) Used wt/ft Depth Size Size **STRINGS** Existing LS Used 30' Conductor 12 1/4" 11 5/8" Existing 64' LS New 550' Surface 7" 8 3/4" Coal Intermediate 1 Intermediate 2 Intermediate 3 Existing J-55 2607' New Production 4 1/2" 6 1/4" J-55 New 2370' 2 3/8" Tubing Packer type and depth set Circulated Est. 50 sks to surface on 7" surface cement job. Circulated Est. 35 sks to surface on 4 1/2" cement job. *Existing Casing/Cement program* Comment Details WOC Cement Volume Yield Slurry Number Class/Type CEMENT (hrs) Top (MD) (ft 3/sks) (ft 3) wt (ppg) of Sacks of Cement DATA Conductor Surface Existing 154 1.18 15.6 Surface 130 Reg Neat Coal Intermediate 1 Intermediate 2 Intermediate 3 Existing 246' 180/186 1.64/1.27 13.2/14.2 Production 110/125 50:50 Pozmix Tubing Loggers TD (ft) 2636' Drillers TD (ft) 2660 Plug back to (ft) N/A Deepest formation penetrated Big Injun Plug back procedure N/A Kick off depth (ft) 650' □ induction □ deviated/directional Check all wireline logs run □ caliper □ density □ temperature □sonic □ gamma ray □ resistivity □ neutron Were cuttings collected □ Yes ■ No Sidewall Conventional Well cored □ Yes ■ No DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING 20 Centralizers every 88 from bottom on 4 1/2", Centralizer placed mid string on 7" "Existing" RECEIVED Gas DETAILS _ □ Yes 📱 No WAS WELL COMPLETED AS SHOT HOLE DETAILS WAS WELL COMPLETED OPEN HOLE? □ Yes 🖪 No WV Department of Environmental Protection TYPE OF TRACER(S) USED __ WERE TRACERS USED - Yes - No

Page $\frac{3}{4}$ of $\frac{4}{4}$

WR-35 Rev. 8/23/13

CHADWELL, RONALD & BRENDA Well number 122 API 47- 087 04760

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	8/11/15	2462'	2468'	24	Big Injun
-	3,1,1,1				
		L			

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	8/13/15	5	250	N/A	0	2,500	164	
1	9/17/20	1.5	663	700	523		10	2500 gals HCL
								ECEIVED Gas
							Office	ECENED Gas of Oil and Gas
								N 21 LUL
							. 7	The atment of the cition
mi			1:1.1-				•	N Department of NV Departmental Protection
Please	insert additio	onal pages as a	ррисавіе.				Eu	Mon

WR-35 Rev. 8/23/13

API 47- 087	04760	Farm 1	name_CHADWEI	LL, RONALD	& BREND	A_Well number	122	
PRODUCING FO		! -	<u>DEPTHS</u>					
Big Injun		<u> </u>	2170'- 2188'	TVD 244	18'- 2474'	MD		•
				_				
Please insert add	litional pages as	applicable.						
C & C TTCTT 1	a Buildun □l	Drawdown	□ Open Flow	OI	LTEST 🗆 I	Flow 🗆 Pump)	
								hrs
SHUT-IN PRES	SSURE Surfa	ce	psi Bottor	n Hole	psi			
OPEN FLOW	Gas	Oil	NGL	W	ater	GAS MEAS	URED BY	□ Pilot
01211220	mcfp	od	bpd	bpd	bpd	□ Estimated	□ Orifice	
LITHOLOGY/	TOP	BOTTOM	TOP	BOTTOM	חבפכים וחם	ROCK TYPE ANI	RECORD OUA	NTITYAND
FORMATION	DEPTH IN FT	DEPTH IN FI			DESCRIBE	TIID (ESECHMY	TER, BRINE, OIL	L, GAS, H ₂ S, ETC)
	NAME TVD	TVD	MD T	MD 1614	TIFEOFF	POID (TYCOTY 111)	,	
Sand/Shale	0	1566	1614	1652				
Sand	1566	1598	1614 1652	1705				
Shale	1598	1644 1654	1705	1719				
Sand	1644	1688	1719	1759				
Shale	1654	1998	1759	2184				
Sand	1688 1998	2012	2184	2206				
Little Lime Pencil Cave	2012	2020	2206	2218				
Big Lime	2020	2140	2218	2400				
Keener	2140	2170	2400	2448				
Big Injun	2170	2188	2448	2474		Orilled directional	N 78.3° E a dista	nce of 849'
Shale	2188	2320	2474	2660				
T-D	2320		2660					
Please insert ac	dditional pages a	s applicable.						
Drilling Contre	actor Decker Dril	lling					*	1.4
Address 11565	State Route 676		City	Vincent		State OH	Zip <u>4578</u>)4
		11.4	1					
Logging Comp	pany Weatherfor	a internationa	C:-	Weston		State _WV	Zip 2645	52
Address 777 N	orth River Avenue		City	1,5001				
Cementing Co	mpany Universa	al Services						14
Address Hall R	Rd		City	Buckhannon		State	Zip 2620	<u>, </u>
		nama Pamilas (Corn					
Stimulating Co	ompany Produc	cers Service (ouh.	Zanesville		State OH	Zip 4370	01
Address 109 S	South Graham Stree	aa annliaahla	City					RECEIVED Gas
Please insert a	additional pages	as applicable	•					OT RECEIVED Office of Oil and Gas
Completed h	Roger Heldma	ın			Telepho	ne <u>304-420-110</u>)7	-IAN 2 1 CO.
Signature	The LORI	fler	Title _	Operations Man	nager	Date	e 11/2/20	WV Department (Environmental Prote
	0						rran . ·	W Depital Proce
Submittal of I	Hydraulic Fractu	ring Chemic	al Disclosure Inf	ormation	Attach copy	of FRACFOC	os kegistry	Flia

FORM WW-3 (A) 1/12



1) Date:	January 8,	2021				
2) Operato	or's Well	No.	ABSn	nith 122		
3) API We		47	-	087	-	04760
72.		State		County		Permit
4) UIC Per	mit No.	2R08	700005/	NP.		

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,

5) Surface Owner(S	S) To Be Served	7) (a) Coal Oper	rator		
(a) Name Ron	ald & Brenda Chadwell	Name	NA		
	0 Clay Road	Address			
	ncer, WV 25276	7) (b) Coal Own	or(S) With D	eclaration Of Record	
(b) Name		Name	NA NA	colaration of Record	
Address		Address	146.5		
(c) Name		Name	_		
Address		Address			RECEIVED Office of Oil and Gas
6) Inspector Joe	Taylor			ration Of Record	JAN 2 1 2021
	8 Claylick Road	Name	NA		amont of
	-380-7469	Address	1		WV Department of Environmental Protection
plan for erosion. The date prop	on and Reclamation Plan on Form WV on and sediment control and for reclama posed for the first injection or waste	tion for the site a	and access roa	d.	20 21 .
APPLICATION W.	OU HAVE RECEIVED THESE DOO HICH ARE SUMMARIZED IN THE ON [(FORM WW-3(B)] DESIGNATED	"INSTRUCTIO	VS" ON THE	REVERSE SIDE O	OF THE COPY OF
Notice and Applica West Virginia Dep Application and dej and Reclamation Pl	der Chapter 22-6 of the West Virginia (ation and accompanying documents for partment of Environmental Protection, picted on the attached Form WW-6. C lan have been mailed by registered or c ertain circumstances) on or before the da	r a Well Work F with respect to copies of this No certified mail or	ermit with the a well at the tice, the Appl delivered by I	e Chief of the Office location described lication, the plat, and and to the person(s)	e of Oil and Gas, I on the attached I the Construction
	The person signing this docume	ent shall make	the following	g certification:	
"I certify under nen	alty of law that I have personally exami	ined and We	Il Operator	HG Energy, LLC	
am familiar with the	e information submitted in this documen	nt and all Ad	dress	5260 Dupont Road	
attachments and tha	at, based on my inquiry of those individu	uals		Parkersburg, WV 26101	
	sible for obtaining the information, I be	4		Diane White	
	rue, accurate and complete. I am aware Ities for submitting false information, in			Agent	-
	ne and imprisonment.		nature:	Diane Wh	rite

75	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
m	For delivery information, visit our website at www.usps.com	
1-	OFFICIAL USE	
믬	Certified Mail Fee	
미	\$ Extra Services & Fees (checkbox, add fee as eppropriate)	
	Return Receipt (hardcopy)	
	Return Receipt (electronic) \$ Postmark co	
0000	Certified Mall Restricted Delivery \$ JAN CHEELS Adult Signature Required	
	Adult Signature Restricted Delivery \$	
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ED LT	S USPS	-/
ru	Total Postage and Fees ABS 122	J
Libert	Sent To p 11 i Brando Chadulell	V
H	Sent To Ronald & Brenda Chadwell	
7019	Street and Apt. No., or PO Box No. 4580 Clay Road	
	City, State, ZIP448 WV 25276	
	Sperious	
	PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Office of Oil and Gas

JAN 21 2021

WV Department of Environmental Protection



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

January 8, 2021

Ronald & Brenda Chadwell 4580 Clay Road Spencer, WV 25276

RE:

A. B. Smith No. 122

Smithfield District, Roane 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

JAN 2 I 2021

WV Department of Environmental Protection

SURFACE OWNER WAIVER

County	Roane	Operator	HG Energy, LLC
		Operator well number	AB Smith 122

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A / 3A

The well operator named on page WW-2A / 3A is applying for a permit from the State to do oil or gas well work. (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 FIFTEEN (15) 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.

<u>Comments must be in writing.</u> 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.

<u>List of Water Testing Laboratories.</u> The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

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 Well Work Permit on Form WW2-A / 3A, and attachments consisting of pages 1 through ____ including a work order on Form WW-2B / 3A, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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			FOR EXECUTION BY A CORPORATION, ETC		
		Date	Company Name	Off	RECEIVE 198
Sign	ature		By		IVW X T
04760			Its		WV Department of Date
Deint	Nama			E	Niconmenia
Print	Name			Signature	Date

WW-9 (2/15)

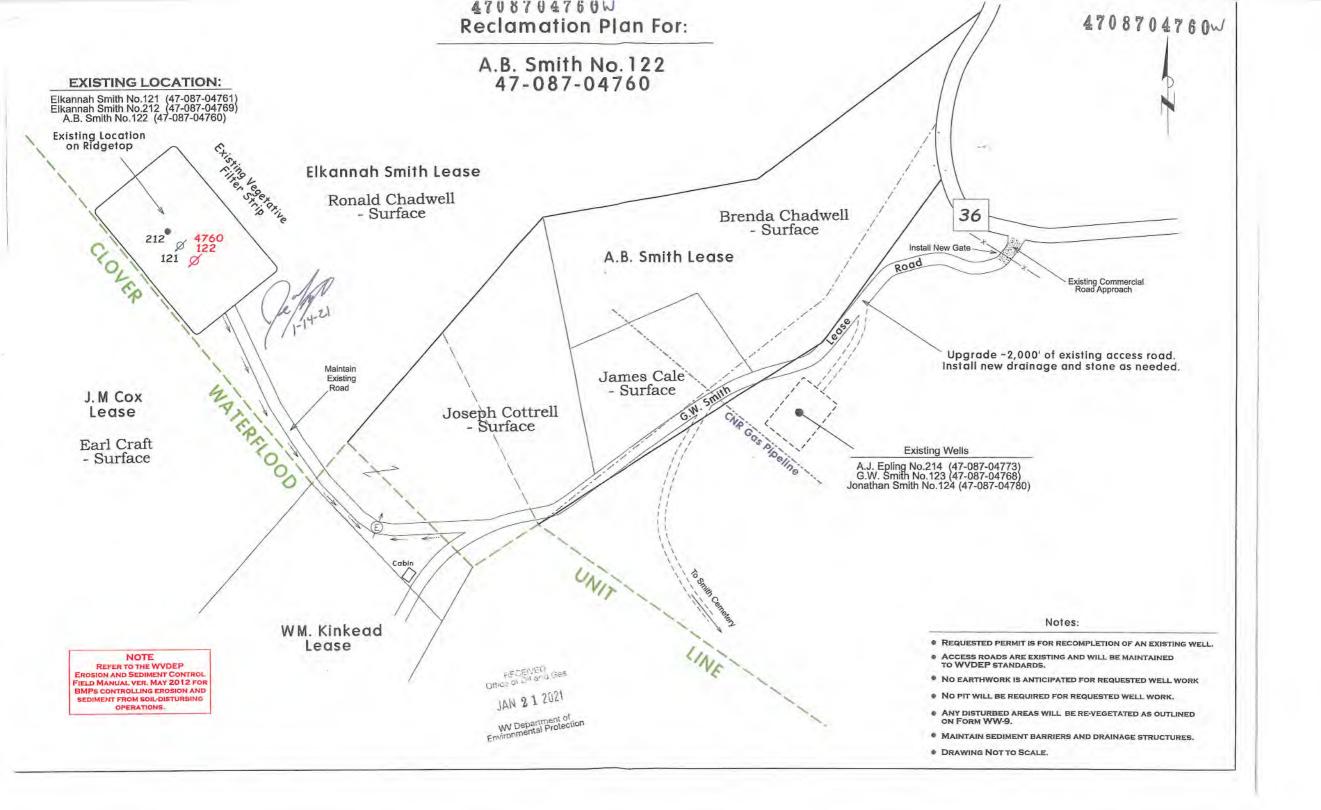
API Number 47	. 87	_ 04760	
		No. A B Smith 122	

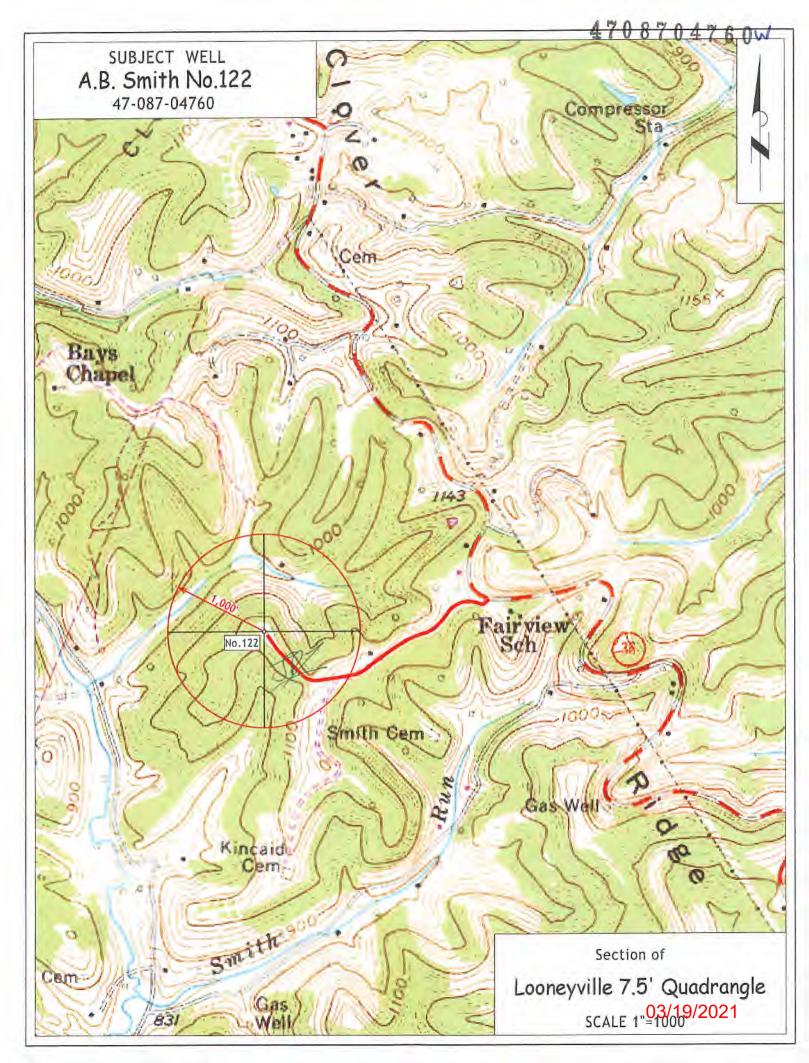
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

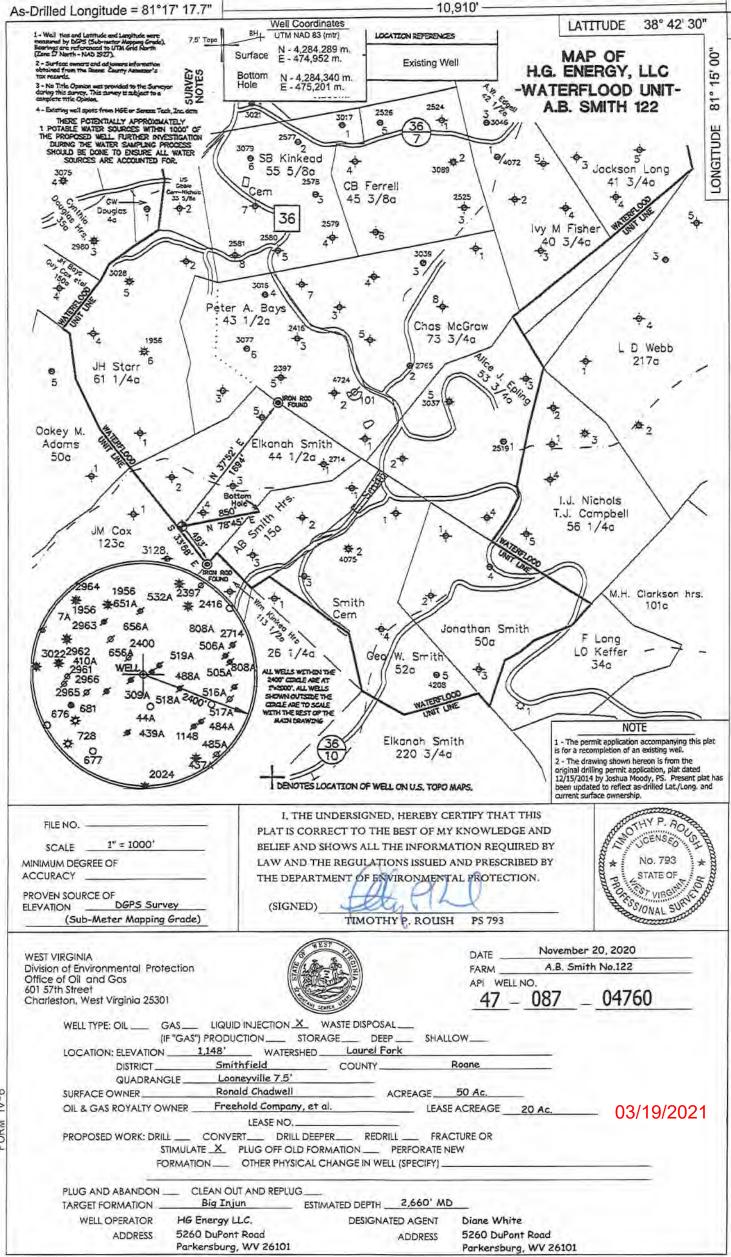
FLUIDS/ CUT'	TINGS DISPOSAL & RECLAMATION PLAN	
Operator Name HG Energy, LLC	OP Code 494497948	
Watershed (HUC 10) Laurel Fork	Quadrangle Looneyville 7.5'	
Do you anticipate using more than 5,000 bbls of w Will a pit be used? Yes No	TANK BEFORE DISPOSING OFF. SITE	NEO IN
If so, please describe anticipated pit waste Will a synthetic liner be used in the pit?	e: NA	
Proposed Disposal Method For Treated P	Pit Wastes:	
Land Application Underground Injection Reuse (at API Number Off Site Disposal (Sup Other (Explain No was		<u></u>
Will closed loop system be used? If so, describe:	No	
	and horizontal)? Air, freshwater, oil based, etc. NA	
-If oil based, what type? Synthetic, petro	oleum, etc. NA	
Additives to be used in drilling medium? NA		RECEIVED Office of Oil and Gas
Drill cuttings disposal method? Leave in pit, land	Ifill, removed offsite, etc. NA	JAN 2 1 2021
-If left in pit and plan to solidify what me	edium will be used? (cement, lime, sawdust) NA	to to the
-Landfill or offsite name/permit number?	, NA	WV Department of Environmental Protection
Permittee shall provide written notice to the Office West Virginia solid waste facility. The notice shall where it was properly disposed.	e of Oil and Gas of any load of drill cuttings or associated waste rejected by the provided within 24 hours of rejection and the permittee shall also to be provided within 24 hours of rejection and the permittee shall also to be provided within 24 hours of rejection and the permittee shall also to be provided within 24 hours of rejection and the permittee shall also to be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided within 24 hours of rejection and the permittee shall also be provided by the permittee shall also be provided by the permittee shall also be provided by the permittee of the permittee of the permittee shall be provided by the permittee of the permitt	ed at any disclose
on August 1, 2005, by the Office of Oil and Gas of provisions of the permit are enforceable by law, law or regulation can lead to enforcement action. I certify under penalty of law that I has application form and all attachments thereto are obtaining the information, I believe that the information penalties for submitting false information, including		stand that the er applicable nitted on this sponsible for
Company Official Signature Diame U	White Off	2_
Company Official (Typed Name) Diane White	fix for	
Company Official Title Agent	1/14-21	
Subscribed and sworn before me this 8th	day of _January	
My commission expires 7/31/2022	CA	OFFICIAL SEAL ATE OF WEST VIRGINIA NOTARY PUBLIC ASSIDY A. BOARDMAN 101/19 1/10 1015 Imission Expires July 31, 2022

Operator's Well No. A B Smith 122

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

January 8, 2021

Mr. Jeff McLaughlin WVDEP Division of Oil & Gas 601 57th Street Charleston, West Virginia 25304 CK# 4896 CK# 4850 1200 Proprie 112/20

RE:

A. B. Smith No. 122 (47-087-04760)

Smithfield District, Roane County

West Virginia

RECEIVED Office of Oil and Gas

JAN 2 1 2021

WV Department of Environmental Protection

Dear Mr. McLaughlin:

Enclosed are Forms WW-3A, WW-3B, WW-9, mylar of plat, reclamation plan, topo map and copies of the certified mailing receipts for a permit to stimulate the above captioned injection well. Also enclosed is our check in the amount of \$550.00 to cover the associated permit fees.

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Ronald & Brenda Chadwell - Certified

Joe Taylor - DEP Inspector