

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, September 16, 2020 WELL WORK PERMIT Vertical / Re-Work

HG ENERGY, LLC 5260 DUPONT ROAD PARKERSBURG, WV 26101

Permit approval for JONATHAN SMITH 124 Re: 47-087-04780-00-00

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

Farm Name:

Operator's Well Number: JONATHAN SMITH 124 WYROSTOK, CHARLES A. JR.

U.S. WELL NUMBER: 47-087-04780-00-00

Vertical Re-Work Date Issued: 9/16/2020

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:	08/05/2020					
2) Operator's	Well No		Jona	than Smith 12	4	
3) API Well I	No.:	47	-	Roane	-	04780
	_	State		County	-	Permit
1) IIIC Darm	it No					

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

5) WELL TYPE:		d Injectio	on 🗸	/		ction (not stora		/ W	aste Disposal	
6) LOCATION:	Elevation		14				nith Run	0 1	1	
7) WELL OPERA		Smithfie			Co	unty Roane	TED ACE		gle Looneyville 7	7.5'
7) WELL OPERA						8) DESIGNA				
Add		260 Dupont I					Addres		oont Road	
0) OH & CACD		arkersburg,		ED		10) DDII I D	IO OO) Imp		urg, WV 26101	
9) OIL & GAS IN Name Joe Tay		KIOBE	NOTIFI	ED		10) DRILLIN	NG CONTR	CACTOR		
	laylick Road					Name				
-	WV 25271					Address				
Ripley,	VV V 2527 1		-							
11) PROPOSED V	WELL W		Drill _ Plug off o Other p				/ Recorate new for		/ Stimi	ılate ✓
12) GEOLOGIC T	ΓARGET	FORMA	TION Big	g Injun		Depth	2610'	Feet (top) to 2630' I	FREE (bottom)
13) Estimated Dep	oth of Cor	npleted V	Vell, (or a	ctual de	epth of exist			Feet	- Offic	e of Oil and Ga
14) Approximate	water stra	ta depths	: Fre	esh N	A ⁻	Feet	Salt	1840'	Feet All	C - G
15) Approximate	coal seam	depths:	NA				_		— AU	G 2 0 2020
16) Is coal being r	nined in the	he area?	Yes		No				Mars	
17) Virgin reservo	oir pressur	e in targe	et formation	on 1250	psig	g Source	Estimated		Environn	epartment of ental Protection (BHFP)
18) Estimated rese	ervoir frac	ture pres	sure 26	50					psi	g (BHFP)tection
19) MAXIMUM I									nole pressure	2400 psi
20) DETAILED I	DENTIFI	CATION	OF MA	ΓERIAL	LS TO BE I	NJECTED, IN	CLUDING	ADDITIVE	S Fresh water,	Produced water,
bactericides, and other	her chemicals	as needed	to maintain v	water qual	ity and improve	oil recovery.				
21) FILTERS (IF	/									
22) SPECIFICAT	IONS FO	R CATH	ODIC PR	OTEC	TION AND	OTHER COR	ROSION C	CONTROL		
23) CASING AND	TUBING F	ROGRAN	M							
CASING OR		SP	ECIFICATI	ONS		FOOTAGE IN	NTERVALS	CEMENT	PACI	CFRS
TUBING TYPE	Size	Grade	Weight	New	Used	For Drilling	Left In	FILL –UP	17101	EDIO
			per ft.				Well	OR SACKS (CU. FT.)		
Conductor	11 5/8"	LS	NA		х	30'	30'		Kinds	
Fresh Water	7"	LS	17	х		549'	549'	CTS	Ten	sion
Coal									Sizes	
Intermediate									2 3/8	" x 4"
Production	4 1/2"	J-55	10.5	х		2767'	2767'	200 sks	Depths set	
Tubing	2 3/8"	J-55	4.6	×		2513'	2513'		23	08'
Liners									Perforations	80
									Тор	Bottom
									2403'	-2410'
									2610	2630'
24) APPLICANT				vere acq	uired from	Chester L Coe,	et ux			
by deed	/ le	ease x		other co		/ dated	09/04/1978		of r	ecord in the
Roane		C	ounty Cle	erk's of	fice in lea	ase		Book 14	8 Pa	ge36



Page 1 of 4

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

API <u>47</u> - 087 _ 04780 County ROANE	District SMIT	HFIELD
Quad LOONEYVILLE 7.5' Pad Name SMIT	H, JONATHAN Field/Pool Na	me CLOVER
	Well Number	
Operator (as registered with the OOG) H.G. ENERGY LL	.C	
Address 5260 DuPONT ROAD City PA	RKERSBURG State W	V Zip 26101
T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		vey
Elevation (ft) 1,178' GL Type of Well	■New □ Existing Type of F	Report □Interim ≣ Final
Permit Type Deviated Horizontal Horizon	ntal 6A 🗆 Vertical Depth Ty	ype □ Deep ■ Shallow
Type of Operation □ Convert □ Deepen ■ Drill □	□ Plug Back □ Redrilling □ Rev	work Stimulate
Well Type □ Brine Disposal □ CBM □ Gas □ Oil ■ Sec	condary Recovery	□ Storage □ Other
Type of Completion ■ Single □ Multiple Fluids Produ Drilled with □ Cable ■ Rotary	iced □ Brine □Gas □ NGL 🗂	Oil □ Other
Drilling Media Surface hole ■ Air □ Mud ■ Fresh Wa	ater Intermediate hole Air i	□ Mud ■ Fresh Water □ Brine Office of Oil and Gas
Mud Type(s) and Additive(s) N/A		AUG 2 0 2020
		Environmental Protection
Date permit issued5/22/15 Date drilling comm		filling ceased7/23/15
Date completion activities began 8/10/15		
Verbal plugging (Y/N)N Date permission grante	d Granted by	<u></u>
Please note: Operator is required to submit a plugging applic	ation within 5 days of verbal permission	on to plug
Freshwater depth(s) ftNone	Open mine(s) (Y/N) depths	None
Salt water depth(s) ft1840'	Void(s) encountered (Y/N) depths _	None
Coal depth(s) ftNone	Cavern(s) encountered (Y/N) depths	None
Is coal being mined in area (Y/N)N		

Page 2 of 4 WR-35 Rev. 8/23/13 Farm name WYROSTOK, CHARLES A. JR. Well number 124 04780 API 47-087 -**CASING** Grade Basket Did cement circulate (Y/N) New or Hole Casing **STRINGS** wt/ft Depth(s) * Provide details below* Size Size Depth Used Conductor 12 1/4" Sand In 11 5/8" 30' Used LS Surface Υ 8 3/4" New LS 64' 7" 549' Coal Intermediate 1 Intermediate 2 Intermediate 3 Production Υ 6 1/4" 4 1/2" 2767.55' New J-55 Tubing Packer type and depth set Comment Details Circulated Est. 50 sks to surface on 7" surface cement job. Circulated Est. 25 sks to surface on 4 1/2" cement job. CEMENT Class/Type Number Slurry Yield Volume Cement WOC DATA of Cement of Sacks (ft 3/sks) (ft 3) Top (MD) (hrs) wt (ppg) Conductor Surface Reg Neat 140 15.6 1.18 165 Surface 8 Coal Intermediate 1 Intermediate 2 Intermediate 3 Production 50:50 Pozmix 115/125 13.2/14.2 1.64/1.27 189/186 284' 8 Tubing Drillers TD (ft) 2813' Loggers TD (ft) 2660' Deepest formation penetrated Big Injun Plug back to (ft) N/A Plug back procedure N/A Kick off depth (ft) 600' Check all wireline logs run **■** density deviated/directional **■** induction caliper **■** neutron **■** resistivity 📕 gamma ray **■** temperature □sonic Well cored □ Yes ■ No Conventional Sidewall Were cuttings collected ■ Yes □ No RECEIVED
Office of Oil and Gas 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" AUG 2 0 2020 WV Department of Environmental Protection WAS WELL COMPLETED AS SHOT HOLE □ Yes ■ No DETAILS WAS WELL COMPLETED OPEN HOLE? □ Yes 💄 No DETAILS WERE TRACERS USED □ Yes ■ No TYPE OF TRACER(S) USED __

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API 47- 087 - 04780 Farm name WYROSTOK, CHARLES A. JR. Well number 124

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	9/28/15	2610'	2630'	80	Big Injun
				 	
		_			

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	10/1/15	5	683	1616	622	2,500	142	Triarogoni outer (unius)
						,		
	_							
							Office of Oil	VED
							Office of Oil	and Gas
							AUG 20	2020
							14045	2020
						En	WV Departr Vironmental	Protection
								rotection

Please insert additional pages as applicable.

Page 4 of 4 WR-35 Rev. 8/23/13 API 47- 087 _ 04780 Farm name WYROSTOK, CHARLES A. JR. Well number 124 PRODUCING FORMATION(S) **DEPTHS** 2163'- 2190' 2580'- 2636' Big Injun TVD MD Please insert additional pages as applicable. □ Build up □ Drawdown □ Open Flow **GAS TEST** OIL TEST □ Flow □ Pump SHUT-IN PRESSURE Bottom Hole_ Surface psi DURATION OF TEST _____ hrs _psi OPEN FLOW Gas Oil NGL Water GAS MEASURED BY mcfpd bpd bpd bpd □ Estimated □ Orifice □ Pilot TOP LITHOLOGY/ TOP **BOTTOM BOTTOM FORMATION** DEPTH IN FT DEPTH IN FT DEPTH IN FT DEPTH IN FT DESCRIBE ROCK TYPE AND RECORD QUANTITYAND NAME TVD TVD MD MD TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S, ETC) Sand/Shale 1570 1622 0 0 1586 1622 1642 Sand 1570 Shale 1586 1673 1642 1748 1673 1897 1748 2072 Sand Shale 1897 1907 2072 2090 1907 2090 2260 2000 Sand Little Lime 2000 2018 2260 2295 Pencil Cave 2018 2026 2295 2310 2530 Big Lime 2026 2139 2310 2530 Keener 2139 2163 2580 2580 2636 Drilled directional N 73.7° E a distance of 1030' 2163 2190 Big Injun Shale 2190 2273 2636 2813 2273 2813 Please insert additional pages as applicable. Drilling Contractor Decker Drilling Address 11565 State Route 676 Vincent State OH City Office of Oil and Gas Logging Company Weatherford International Zip 44502 AUG 2 0 2020 Address 11000 Performance PI Youngstown State OH City WV Department of Zip 2620 Vironmental Protection Cementing Company Universal Services Address 14 Sewer Plant Rd Buckhannon WV City State Stimulating Company Producers Service Corp. Address 109 South Graham Street Zanesville State OH Zip 43701 City Please insert additional pages as applicable. Completed by Roger Heldman Telephone 304-420-1107 In Wolde Title Operations Manager Date 10/1/15 Signature Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry



FORM WW-3 (A) 1/12



1) Date: August 5, 20	020				
2) Operator's Well 1	No.	Jonath	an Smith 124		
3) API Well No.:	47	_	087	-	04780
	State		County		Permit
4) UIC Permit No.	2R087	700005A	ΛP		

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,

	(C) To De Commit	7) (-) 0 1	0	
(a) Name	rner(S) To Be Served Charles Wyrostok	7) (a) Coal Name	•	
Address	230 Griffith Run Road	- Address	NA	
Address	Spencer, WV 25276	Address	-	
(b) Name	Spericer, WV 25276	7) (b) Cool	Owner(C) With T	Declaration Of Record
Address		Name	NA NA	declaration of Record
Address		- Address	INA	
		- Address	F	
(c) Name		Name		
Address		- Address		<u> </u>
Address		- Address	-	Office of Cive
6) Inspector	Joe Taylor	7) (c) Coal	Lessee with Decl	Office of Oil and
Address	1478 Claylick Road	Name	NA NA	aration Of Record AUG 20 202
Address	Ripley, WV 25271	- Address	144	~ V ZUZ
Telephone	304-380-7469	_ Address		Environmental Protect
retephone	304-360-7405	-	-	- Timental Prote
	struction and Reclamation Plan on Form W rosion and sediment control and for reclam			only to plug a well), which sets out the ad.
plan for e The date THE REASON	rosion and sediment control and for reclam proposed for the first injection or wast N YOU HAVE RECEIVED THESE DON WHICH ARE SUMMARIZED IN THE	nation for the see disposal is DCUMENTS E "INSTRUC	site and access roa IS THAT YOU TIONS" ON THE	HAVE RIGHTS REGARDING THE E REVERSE SIDE OF THE COPY OF
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PS Form 3800, April 2015 PSN 7530-02-000-9047		77	69 0	U.S. Postal Se CERTIFIED I
Street and Apr. No., or PO Box No. 200 Cyriffith Run City, State, Zipt.48 Cyriffith Run Spencer WI 25276 PS Form 3800, April 2015 PSN 7550-02-000-9047 See Reverse for Instructions	J 5124	Extra Services & Fees (check box, add fee as appropriate) Return Receipt (hardcopy) Return Receipt (electronic) Gardified Mail Restricted Delivery Adult Signature Required Adult Signature Restricted Delivery Costage	For delivery information, visit our website at www.usps.com®.	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

RECEIVED
Office of Oil and Gas

AUG 2 0 2020

WV Department of Environmental Protection



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

August 5, 2020

Charles Wyrostok 230 Griffith Run Spencer, WV 25276

RE:

Jonathan Smith No. 124

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

RECEIVED Office of Oil and Gas

AUG 2 0 2020

WV Department of Environmental Protection

WW	<i>I</i> -2B1
(5-	12)

Well No	Jonathan Smith	124

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		Sturm Analytical Lab	Office of Oil and Gas
		Sturm Analytical Lab	or Oil and Gas
			AUG 2 0 2020
Well Operator	HG Energy, LL0		WV Department of Environmental Protection
Address	5260 Dupont Ro	pad	Protection
	Parkersburg, W	V 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.

* Not Applicable

WW-2A / 3A Surface Waiver

SURFACE OWNER WAIVER

County	Roane	Operator Operator well number	HG Energy, LLC Jonathan Smith 124
	INSTRUCTIONS TO SURFA	CE OWNERS NAMED ON PAG	<u>E WW2-A / 3A</u>
(Note: If the sur name appeared you may be the work permits are	face tract is owned by more than the on the Sheriff's tax ticket on the late only owner who will actually received valid for 24 months. If you do not commediately if you know who it is. Also NOTE: YOU ARE NOT	ree persons, then these materiand or because you actually occentes materials.) See Chapteown any interest in the surface tr	MMENT.
Chief, Office of Openartment of E 601 57 th St. SE Charleston, WV (304) 926-0450	Environmental Protection		
operator files his be filed in perso be sure of the handling. If you the planned wor	s Application. You have FIFTEEN (1 on or received in the mail by the Chie date. Check with your postmaster have been contacted by the well opk described in these materials, then	15) DAYS after the filing date to ef's office by the time stated about to ensure adequate delivery the derator and you have signed a "wette permit may be issued at any	to be served on or before the date the file your comments. Comments must ove. You may call the Chief's office to time or to arrange special expedited voluntary statement of no objection" to time. , address and telephone number, the
well operator's r from the applica The Chi 1) The 2) The 3) Dar	name and well number and the appro	eximate location of the proposed, such as sketches, maps or phon a well work permit based on conhazard to the safety of persons, an is not adequate or effective; lands or resources;	I well site including district and county otographs to support your comments. omments on the following grounds:
5) The mor If you v	applicant has committed a substar re of the rules promulgated under Ch want a copy of the permit as it is	itial violation of a previous permapter 22, and has failed to abate	nit or a substantial violation of one or e or seek review of the violation". er denying the permit, you should
List of	er to establish water quality prior to a		
Application for a work order on F as described the	v state that I have read the instruction well Work Permit on Form WW2-A orm WW-2B / 3A, a survey plat, and perein.	ns to surface owners and that I . / 3A, and attachments consisting a soil and erosion plan, all for p	have received copies of a Notice and ng of pages 1 through including a roposed well work on my surface land a materials, and I have no objection to
	state that i have no objection to the ssued on those materials.	Plainted Work described in these	Thatehale, and Thave no objection to
FOR EXECUTION	ON BY A NATURAL PERSON	FOR EXECU	ITION BY A CORPORATION FTC

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Office of Oil and Gas

Company
Name
AUG 20 2020

By
Its

Print Name

Print Name

Signature

Signature

Date

Signature

Date

Signature

Date

WW-9 (2/15)

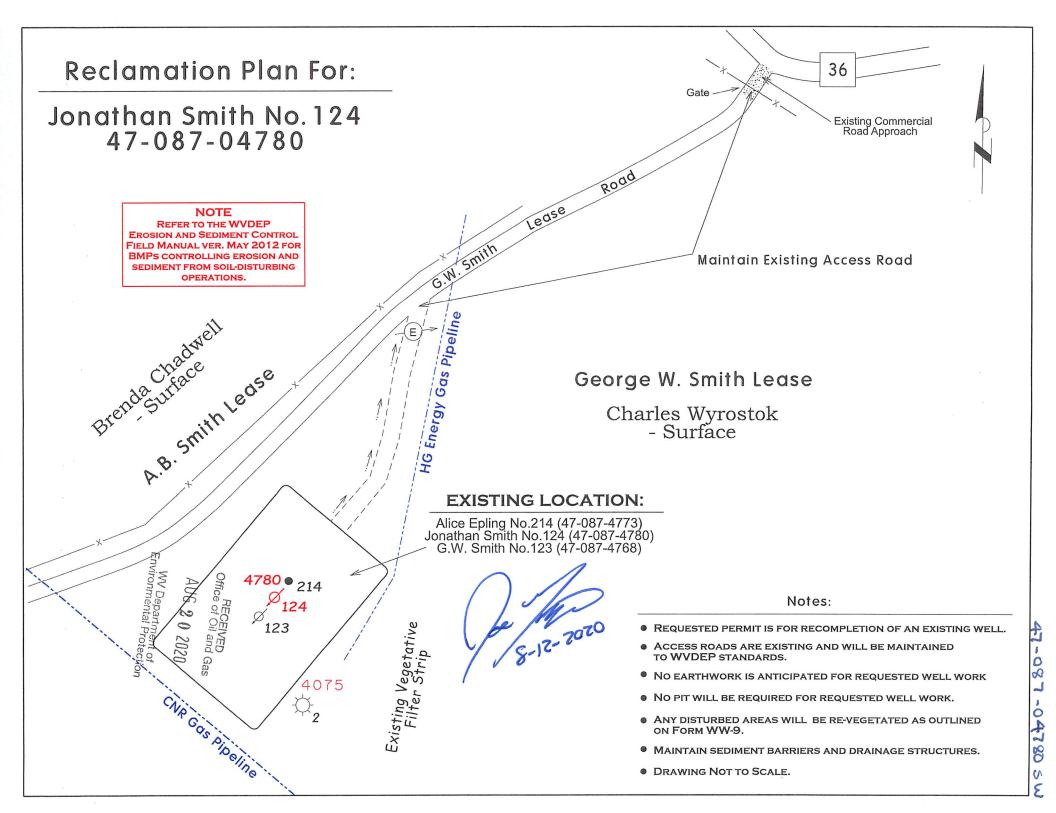
API Number 47 -	87	_ 04780
Operator's	Well No	Jonathan Smith 124

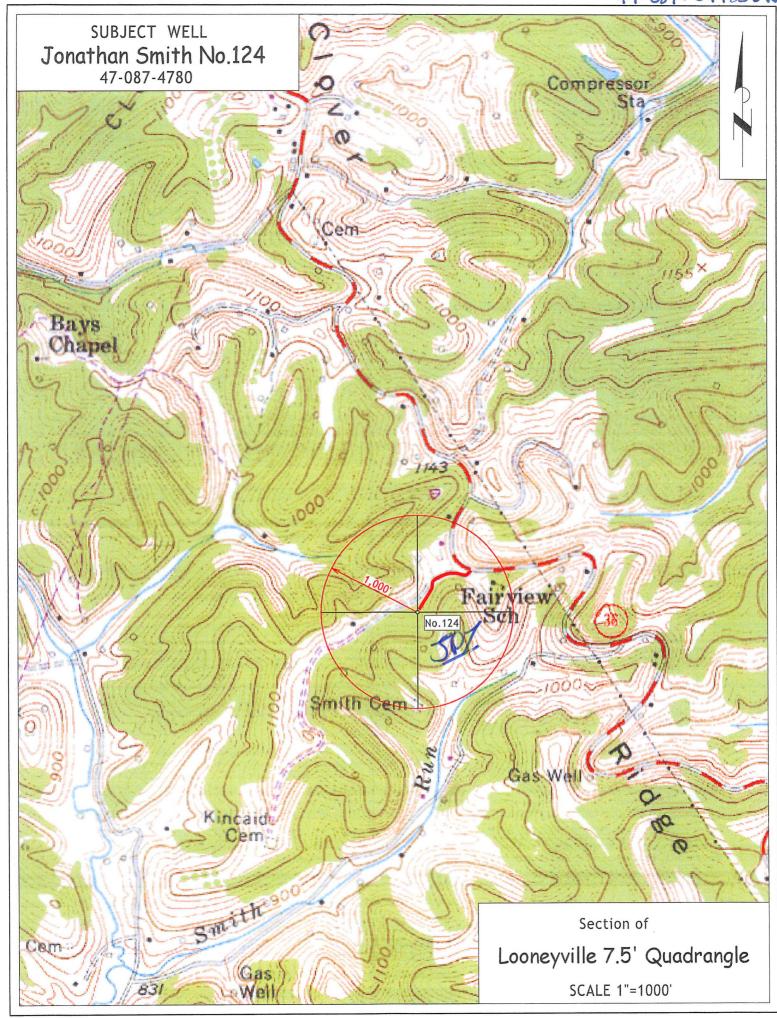
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

110 5	S DIST COVER & RECENTIVITY IN IT
	OP Code 494497948
	Quadrangle Looneyville 7.5'
Do you anticipate using more than 5,000 bbls of water to	
Will a pit be used? Yes No	ANY WELL EFFLUENT MUST BE CONTAINED IN TANKS BEFORE DISPOSING OFF-SITE, QAVIM
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes	No ✓ If so, what ml.?
Proposed Disposal Method For Treated Pit Wa	stes:
Land Application	
——— Underground Injection (UIC Reuse (at API Number	C Permit Number)
Off Site Disposal (Supply fo	rm WW-9 for disposal location)
Other (Explain No waste ant	icipated, should there be any fluids they'll be hauled for disposal
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. NA
-If oil based, what type? Synthetic, petroleum,	etc. NA
Additives to be used in drilling medium? NA	emoved offsite, etc. NA Office of Oil and Gas
Drill cuttings disposal method? Leave in pit, landfill, re	emoved offsite, etc. NA Gas
-If left in pit and plan to solidify what medium	AUG 2020
-Landfill or offsite name/permit number? NA	W/Don
	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 V provisions of the permit are enforceable by law. Violallaw or regulation can lead to enforcement action. I certify under penalty of law that I have perapplication form and all attachments thereto and the obtaining the information, I believe that the informat penalties for submitting false information, including the	
Company Official Signature Diane W	hite
Company Official (Typed Name) Diane White	
Company Official Title Agent	
Subscribed and sworn before me this 5th da	ay of August, 20_20
Cond 1. N.	Notary Public OFFICIAL SEAL
My commission expires 7/31/2022	OFFICIAL SEAL STATE OF WEST VIRGINI. NOTARY PUBLIC CASSIDY A. BOARDMA
	5301 13th Ave Vienna, WV 2 My Commission Expires July 3

7	nent: Acres Disturbed	d 0.1 Prevege	tation pH
Lime3	Tons/acre or to co	orrect to pH 6.5	
Fertilizer type10-	-20-20		
Fertilizer amount	5	lbs/acre	
Mulch_ Straw		2Tons/acre	
		Seed Mixtures	
Ten	nporary		Permanent
Seed Type	lbs/acre	Seed Type	e lbs/acre
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5
** Sediment Control	Plan will be in	effect at all times **	
rawing(s) of road, location, rovided)		for land application (unless engineered	plans including this info have be
Attach: Drawing(s) of road, location, rovided) Photocopied section of involved an Approved by:	ed 7.5' topographic sh		Office O
Prawing(s) of road, location, rovided) Photocopied section of involv	ed 7.5' topographic sh		Office o
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Prawing(s) of road, location, rovided) Photocopied section of involv	ed 7.5' topographic sh		Office of AUG 2 Environment





680

As Drilled Latitude = 38° 42' 23.3"