

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

Tuesday, October 13, 2020 WELL WORK PERMIT Vertical / Re-Work

HG ENERGY, LLC 5260 DUPONT ROAD PARKERSBURG, WV 26101

Permit approval for SB KINKEAD 108 Re:

47-087-04749-00-00

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: SB KINKEAD 108

Farm Name: SNODGRASS, REVA ET AL

U.S. WELL NUMBER: 47-087-04749-00-00

Vertical Re-Work

Date Issued: 10/13/2020

Promoting a healthy environment.

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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



 Date: Operator 	08/19/202 r's Well N		SB	Kinkead 108		
3) API We	ll No.:	47	-	Roane	25	04747
		State		County		Permit
4) UIC Per	mit No.	2R087	00008	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

		on: 1110' Smithfie	eld		Co	unty Roane		Quadrar	igle Looneyville	7.5
) WELL OPERA	ATOR: H	3 Energy, L	LC			8) DESIGNA	TED AGE	NT Diane W	hite	
Ad	dress 52	60 Dupont	Road				Addre	SS 5260 Du	pont Road	
	Pa	arkersburg,	WV 26101					Parkersh	ourg, WV 26101	
O) OIL & GAS IN Name Joe Ta		R TO BE	ENOTIFI	ED		10) DRILLIN Name	IG CONTI	RACTOR		
Address 1478 C	ess 1478 Claylick Road Ad					Address				
Ripley,	WV 25271					_				
2) GEOLOGIC 3) Estimated De 4) Approximate 5) Approximate	TARGET pth of Con water strat coal seam	FORMA npleted V ta depths depths: he area?	Plug off Other p TION Big Vell, (or a Fre NA Yes	old form physical of g Injun actual de esh NA	change in v pth of exist No	/ Perfo well (specify) Depth ting well): 24	2284' 50' TMD Salt	Feet (top Feet	Co	rulate / powert Feet (bottom)
7) Virgin reserve 8) Estimated res 9) MAXIMUM 0) DETAILED I bactericides, and of 1) FILTERS (IF	oir pressur ervoir frac PROPOSE DENTIFIO her chemicals ANY) _C	ture pres ED INJEC CATION s as needed artridge filte	sure 265 CTION O OF MAC to maintain v	50 PERATI ΓERIAL water qualit	S TO BE II y and improve	olume per hou NJECTED, INC	CLUDING	ADDITIVE	ole pressure S Fresh water Office	e of Oil and Gar
7) Virgin reserve 8) Estimated res 9) MAXIMUM 0) DETAILED I bactericides, and of 1) FILTERS (IF 2) SPECIFICAT	oir pressur ervoir frac PROPOSE DENTIFIO her chemicals ANY) _C TONS FO	ture pres ED INJEC CATION as as needed artridge filte R CATH	SURE 26: CTION O OF MAC to maintain v rs ODIC PR	50 PERATI ΓERIAL water qualit	IONS: V S TO BE II y and improve	olume per hou NJECTED, INC	r 25 BBL CLUDING	ADDITIVE	S Fresh water Offic	2400 psi Produced water, PLECTIVED e of Oil and Gas
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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 47 087 04749 County ROAN	E Dis	trict SMITHFIE	LD
Quad LOONEYVILLE 7.5' Pad Name KINI		d/Pool Name Cl	
Farm name SNODGRASS, REVA ET AL		Il Number 108	
Operator (as registered with the OOG) H.G. ENERGY L			
Address 5260 DuPONT ROAD City PA	ARKERSBURG	State WV	Zip 26101
Top hole Northing 4,285,361 M		viation survey 475,282 M	
Landing Point of Curve Northing Bottom Hole Northing 4,285,227 M	Easting Easting	475,151 M	
Donoili Tiole Northing	Easting		
Elevation (ft) 1,110' GL Type of Well	New DExisting	Type of Report	□Interim ■Final
Permit Type Deviated Horizontal Horizo	ental 6A □ Vertical	Depth Type	Deep B Shallow
Type of Operation □ Convert □ Deepen ■ Drill	□ Plug Back □ Redrilling	□ Rework	□ Stimulate
Well Type □ Brine Disposal □ CBM □ Gas □ Oil ■ Se	econdary Recovery Solution	on Mining Sto	rage
Type of Completion ■ Single □ Multiple Fluids Prod	uced Brine DGas D	NGL # Oil	Other
Drilled with Cable Rotary	need dipline does d	NOD E OII	L Olivi
Drilling Media Surface hole ■ Air □ Mud ■Fresh W. Production hole ■ Air □ Mud □ Fresh Water ■ Brin Mud Type(s) and Additive(s)		ā Air □ Mud	Bresh Water Brine RECEIVED Office of Oil and G
N/A			A00 9 1 2020
			WV Department of Environmental Protect
Date permit issued 12/17/14 Date drilling com	menced 1/6/15	Date drilling co	eased1/8/15
Date completion activities began 2/4/15	Date completion activities	s ceased	2/12/15
		Granted by	
Please note: Operator is required to submit a plugging applic	cation within 5 days of verbal	permission to ph	ng
Freshwater depth(s) ft None	Open mine(s) (Y/N) depths	S	None
Salt water depth(s) ft 1720'	Void(s) encountered (Y/N)	depths	None
Coal depth(s) ft None	Cavern(s) encountered (Y/		None
s coal being mined in area (V/N) N			

API 47-087	- 04749	Farm nan	sNODGF	MSS, REI	VAEIAL	_Well number	100	
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)		ment circulate (Y/N) vide details below*
Conductor	12 1/4"	11 5/8"	30'	Used	LS			Sand In
Surface	8 3/4"	7"	558'	New	LS	64'		Y
Coal								
Intermediate 1						9		
Intermediate 2								
ntermediate 3								
Production	6 1/4"	4 1/2"	2411.8'	New	J -55			N
Tubing								
acker type and de	pth set							
CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg	1 1274			Cement op (MD)	WOC (hrs)
Conductor Surface	4	3.16	76.5		40	405	Curfoos	8
Coal	Reg Neat	140	15.6	1.	.18	165	Surface	
ntermediate 1		-						
ntermediate 2	1	-		_				
itermediate 3								
roduction	50:50 Pozmix	100/125	13.2/14.	.2 1.64	/1.27 1	64/186	36'	8
ubing								
Orillers TD (ft) Deepest format Plug back proc	ion penetrated B	ig Injun	•	Loggers TI Plug back t				Office of Oil a
Kick off depth Check all wirel		≧ caliper	自 density 自 resistivity	deviate	d/directional ray	induction itemperatu	re ⊡soni	WV Departm Environmental F
Well cored □		Convention				uttings collected		
	IE CENTRALIZ om bottom on 4 1/2*, Centraliz		T USED FOR	REACH CA	SING STRIN	G		
WAS WELL C	OMPLETED AS	S SHOT HOLE	□Yes ■	No DE	TAILS			

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API 47-087 _ 04749

Farm name SNODGRASS, REVA ET AL

Well number 108

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	2/4/15	2284'	2292'	32	Big Injun
					·
					10.00
-					THE RESERVE OF THE PERSON OF T

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	2/12/15	5	508	1514	492	2,500	140	
								Office of Oil and G
								AUG 3 1 2020
							Е	WV Department on wironmental Protect
			- CHANGE					

Please insert additional pages as applicable.

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WR-35 Rev, 8/23/13										Page 4_of 4_
API 47- 087	_ 04749	Farm	name_SNODG	RASS, R	EVA ET AL	Well	number	108		
PRODUCING	FORMATION	<u>V(S)</u>	DEPTHS							
Big Injun			2167'- 2184'	_TVD	2274'- 2294'	MD				
				_		_				
Please insert ac	lditional pages	s as applicable.		_		-				
GAS TEST	🗆 Build up	□ Drawdown	□ Open Flow		OIL TEST [Flow 1	Pump			
SHUT-IN PRE	SSURE Su	rrface	_psi Botto	m Hole_	psi	DURA'	TION C	F TEST	_	hrs
OPEN FLOW	Gas m	Oil cfpd	NGL bpd	_ bpd _	Water bpd	GAS M	ÆASU nated	RED BY	Z ce i	⊐ Pilot
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPIH IN FT MD	BOTTOM DEPTH IN MD	FT DESCRIBE				1.7	TITYAND GAS, H2S, ETC)
Sand/Shale	0	1192	0	1205						-741
Sand	1192	1284	1205	1302	* X *					
Shale	1284	1414	1302	1440						
Sand	1414	1638	1440	1686						
Shale	1638	1692	1686	1744						
Sand	1692	1972	1744	2056						
Little Lime	1972	2000	2056	2088	J. 1	-				
Pencil Cave	2000	2012	2088	2100						
Big Lime	2012	2140	2100	2236						
Keener	2140	2167	2236	2274						
Big Injun	2167	2184	2274	2294	D	rilled direc	tional S	45° W a c	istance	of 542 RECEIVED Office of Oil and
Shale	2184	2323	2294	2450						Office of Oil and
TD	2323		2450		15					AUG 3 1 20
Please insert ad	 ditional pages	s as applicable.	-							
Orilling Contra	Decker D	rilling	19						En	WV Department vironmental Prote
Address 11565	State Route 676		City	Vincent		State	ОН	Zip_4	5784	
Logging Comp	any Weatherfo	ord International								
Address 777 No	orth River Avenue	9	City	Weston		State	WV	Zip _2	6452	
Cementing Con Address Hall Ro		sal Services	City	Buckhanno	on	State	wv	Zip 2	6201	
Stimulating Co Address 109 Sc		ucers Service Co	orp.	Zanesville		State	ОН	Zip _4	3701	
		s as applicable.				_				
Completed by					_ Telephone	304-420	-1107			
Completed by Signature	(Ke	Millian	_ Title 0	perations Ma	anager		Date 3	/3/15		
nguarure	10	Mean								

FORM WW-3 (A) 1/12



1) Date:	August 19,	2020				
2) Operate	or's Well	No.	SB Kir	kead 108		
3) API W	ell No.:	47	Δ.	087	12	04749
		State		County		Permit
A) IIIC Par	mit NIa	50.15.	المعادد			

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 Ov	vner(S) To Be Served 7)	(a) Coal Operator	
(a) Name		Name NA	
Address		Address	
75.3.X	Melbourne, FL 32934	(b) Coal Owner(S) With I	Declaration Of Decord
(b) Name		Name NA	DECENTED
Address		Address	Office of Oil and Gat
		Audi ess	AUG 3 1 2020
(c) Name		Name	HUU W E LUEU
Address		Address	WV Department of Environmental Protect
6) Inspector	Joe Taylor 7)	(c) Coal Lessee with Decl	
Address		Name NA	and of record
71447000	197	Address	
Telephone	304-380-7469	1200	
THE REASON	e proposed for the first injection or waste dis N YOU HAVE RECEIVED THESE DOCUM N WHICH ARE SUMMARIZED IN THE "IN ATION [(FORM WW-3(B)] DESIGNATED T ALL.	MENTS IS THAT YOU ISTRUCTIONS" ON THE	E REVERSE SIDE OF THE COPY OF
Notice and Ap West Virginia Application an and Reclamati	at under Chapter 22-6 of the West Virginia Code oplication and accompanying documents for a Department of Environmental Protection, wind depicted on the attached Form WW-6. Copi on Plan have been mailed by registered or certain certain circumstances) on or before the day of	Well Work Permit with the th respect to a well at the es of this Notice, the App fied mail or delivered by	ne Chief of the Office of Oil and Gas, ne location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or
	The person signing this document	shall make the followin	g certification:
"I certify unde	er penalty of law that I have personally examined	Hand Well Operator	HG Energy, LLC
	ith the information submitted in this document a		5260 Dupont Road
attachments ar	nd that, based on my inquiry of those individuals		Parkersburg, WV 26101
	esponsible for obtaining the information, I believe	and Party Control of the Control of	Diane White
	n is true, accurate and complete. I am aware tha		Agent
	penalties for submitting false information, inclu of fine and imprisonment.	Signature:	Diane White

i.	U.S. Postal Service™ CERTIFIED MAIL® RE Domestic Mail Only	CEIPT
60	For delivery information, visit our webs	
2280 0000 1287	L 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USE
	Sent To	5BK108
701	Ed Asbury Sireet and Apt. No., or PO Box No. 5345 Laguna Visity, State, 21946 bowne Fl 27	
	PS Form 3800, April 2015 PSN 7530-02-000-9047	See Reverse for Instructions

Office of Oil and Gas

AUG 3 1 2020

WV Department of Environmental Protection



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

August 19, 2020

Ed Asbury 5345 Laguna Vista Drive Melbourne, FL 32934

RE:

S. B. Kinkead No. 108

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

Office of Oil and Gas

AUG 3 1 2020

WV Department of Environmental Protection

Enclosures

WW-2B1 (5-12) N/A

Well No. SB Kinkead 108

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 Labora	atory Name	Sturm Analytical Lab				
Sampling Cont		Sturm Analytical Lab	RECEIVED			
			Office of Oil and Gas			
Well Operator	HG Energy, LL		AUG 3 1 2020			
			MAID			
Address	5260 Dupont R		WV Department of Environmental Protection			
	Parkersburg, W	V 26101	Environmental Frotection			
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 OWN	ER WAIVER	₹		
County	Roane	_ Operato	or or well nun	_	HG Energy, LLC SB Kinkead 108	
	INSTRUCTIONS T	O SURFACE OWNER	RS NAMED	ON PAGE V	VW2-A / 3A	
(Note: If the sur name appeared you may be the work permits are	Il operator named on page face tract is owned by mo on the Sheriff's tax ticket only owner who will actual e valid for 24 months. If you mmediately if you know wh	e WW-2A / 3A is appore than three person on the land or becare these may do not own any into	lying for a p s, then thes use you act terials.) Se erest in the s notify the we D TO FILE	ermit from the materials wally occupy e Chapter 22 surface tract, ell operator ar	ne State to do oil or were served on you the surface tract. 2 of the West Virgin please forward the nd the Office of Oil	u because your In either case, nia Code. Well ese materials to
601 57 th St. SE Charleston, WV	Environmental Protection					
operator files his be filed in perso be sure of the handling. If you the planned wor	d methods for filing comes Application. You have For or received in the mail bedate. Check with your perhave been contacted by the described in these maters.	IFTEEN (15) DAYS a by the Chief's office by costmaster to ensure he well operator and rials, then the permit r	ofter the filing y the time st adequate you have si may be issue	g date to file tated above. delivery time gned a "volu ed at any tim	your comments. O You may call the e or to arrange spintary statement of lee.	Comments must Chief's office to ecial expedited no objection" to
well operator's r from the applica The Chi 1) The 2) The 3) Dan 4) The	ents must be in writing. name and well number and tion. You may add other of the first the power to deny of the proposed well work will consolid erosion and sediment the proposed well work fails to the proposed well work will be proposed well work fails to the proposed well well well as the proposed well work fails to the proposed well well well as the proposed well w	If the approximate local locuments, such as slow condition a well work constitute a hazard to the control plan is not add ly owned lands or rest oprotect fresh waters	ation of the ketches, ma k permit bas he safety of lequate or e cources; sources or s	proposed we ps or photog sed on comm persons. ffective; supplies;	ell site including dis graphs to support yo nents on the followi	trict and county our comments. ng grounds:
if you v	applicant has committed e of the rules promulgated want a copy of the perm from the Chief. Water Testing Laborator	under Chapter 22, ar iit as it is issued or	nd has failed a copy of	to abate or the order o	seek review of the denying the perm	violation…". it, you should
	er to establish water quality	prior to and after dril	ling. Contac	ct the Chief to		on you can fine
Application for a	v state that I have read the a Well Work Permit on For orm WW-2B / 3A, a survey	m WW2-A / 3A, and a	ce owners a attachments	nd that I hav consisting o	of pages 1 through	including a
	state that I have no object ssued on those materials.	tion to the planned wo	ork describe	d in these ma	aterials, and I have	no objection to
FOR EXECUTION	ON BY A NATURAL PERS	ON	FOF	R EXECUTIC	ON BY A CORPORA	ATION, ETC.
		Date	Company Name			
Sig	nature		Ву			
04749		RECEIVED Office of Oil and Gas	Its .			Date
Prir	nt Name	AUG 3 1 2020	-	Signature		Date

WV Department of Environmental Protection WW-9 (2/15)

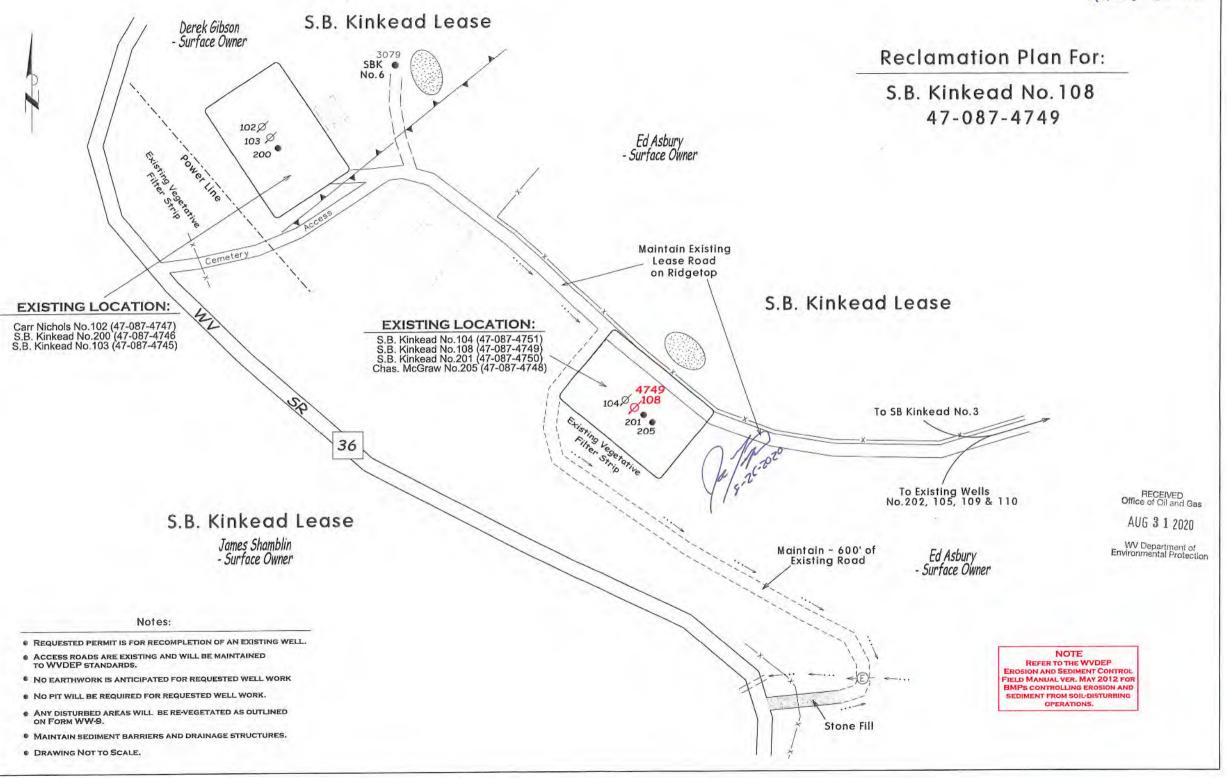
API Number 47 - 87	- 04749
Operator's Wel	I No. SB Kinkead 108

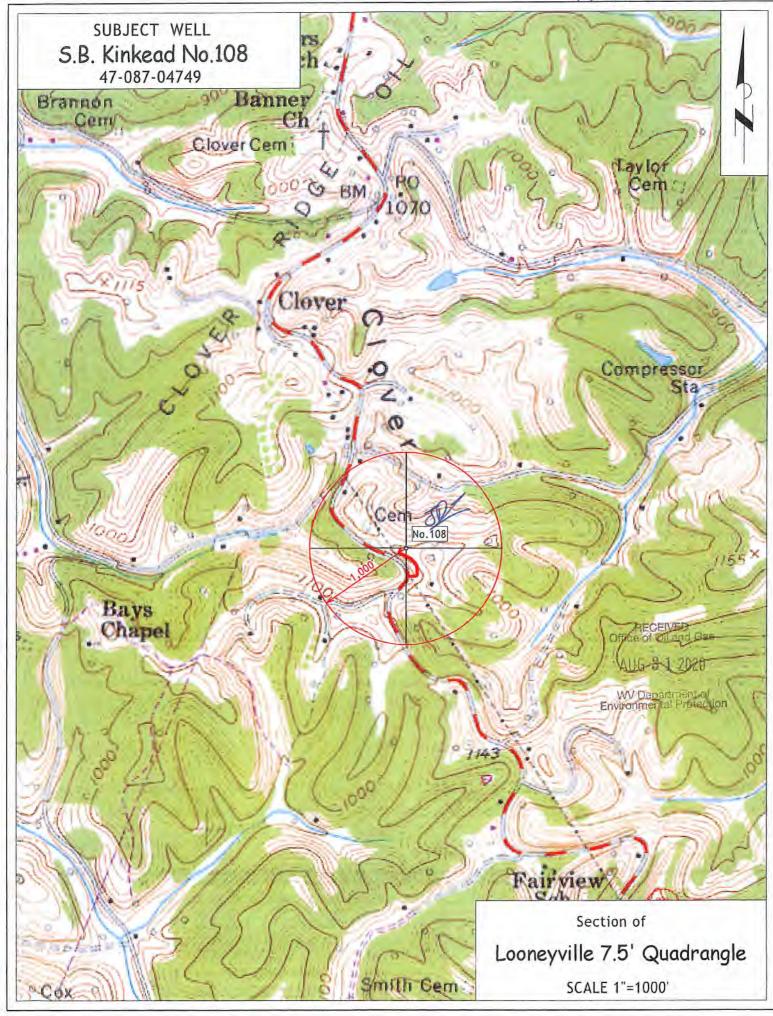
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

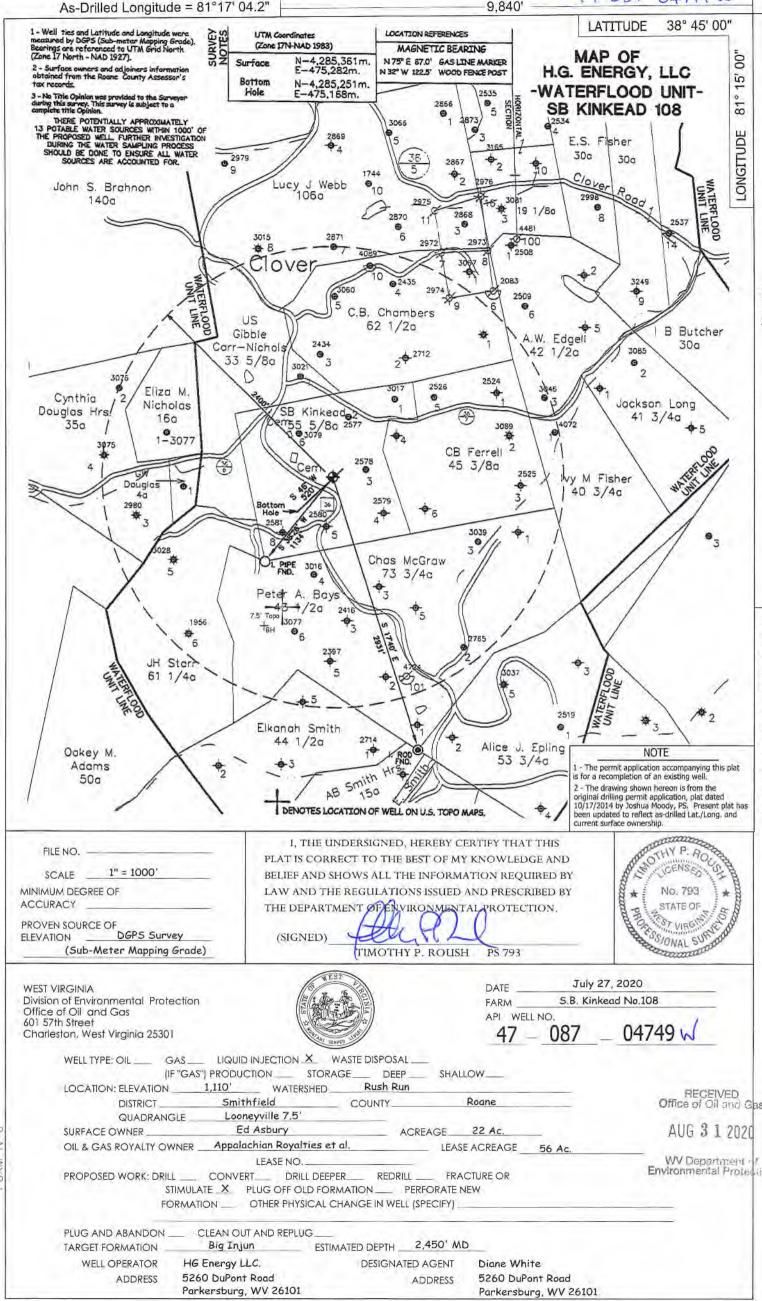
FLUIDS/CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name HG Energy, LLC	OP Code 494497948	
Watershed (HUC 10) Rush Run	Quadrangle Looneyville 7.5'	
De very sufficients union many than 5 000 bble of water to go	mplete the proposed well work? Yes No V	
	TAMES DEFORE WISYOSTUC OFF-SITE, QUE	ray
It so, preuse sessinse antisiparan pri master	No ✓ If so, what ml.?	
Will a synthetic liner be used in the pit? Yes		
Proposed Disposal Method For Treated Pit Wastes:		
Land Application Underground Injection (UIC Per	rmit Number	· ·
Reuse (at API Number	mit muniter)
Off Site Disposal (Supply form V	WW-9 for disposal location) sted, 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 horizon	ontal)? Air, freshwater, oil based, etc. NA	TO THE REAL PROPERTY.
-If oil based, what type? Synthetic, petroleum, etc.	NA Office of O	il and Gas
Additives to be used in drilling medium? NA	AUG 3	1 2020
Drill cuttings disposal method? Leave in pit, landfill, remov	ved offsite, etc. NA WV Depar	dupant of
-If left in pit and plan to solidify what medium will	Environmenta	Il Protection
-Landfill or offsite name/permit number? NA		
Permittee shall provide written notice to the Office of Oil an West Virginia solid waste facility. The notice shall be provid where it was properly disposed.	nd Gas of any load of drill cuttings or associated waste rejected at ded within 24 hours of rejection and the permittee shall also discl	any ose
on August 1, 2005, by the Office of Oil and Gas of the West provisions of the permit are enforceable by law. Violations law or regulation can lead to enforcement action. I certify under penalty of law that I have personal application form and all attachments thereto and that, be	nd conditions of the GENERAL WATER POLLUTION PERMI't Virginia Department of Environmental Protection. I understand as of any term or condition of the general permit and/or other apparent and am familiar with the information submitted ased on my inquiry of those individuals immediately responsis true, accurate, and complete. I am aware that there are significantly of fine or imprisonment.	I that the oplicable I on this sible for
Company Official Signature Diane White		
Company Official (Typed Name) Diane White		_
Company Official Title Agent		
Subscribed and sworn before me this 19th day of	f August , 20 ²⁰	
0 - 1 1 0	Notary Public	
My commission expires 1/3/2022	STAT CAS 5301 13	OFFICIAL SEAL TE OF WEST VIR- NOTARY PUBLIC SSIDY A. BOARD 8th Ave Vienna, W nission Expires Ju

Proposed Revegetation Treat	ment: Acres Disturbed 0.1	Prevegetation p	Н
Lime 3	Tons/acre or to correct to	pH _6.5	
Fertilizer type10	-20-20		
Fertilizer amount	500	_lbs/acre	
Mulch Straw		ns/acre	
	<u>\$</u>	Seed Mixtures	
Ter	mporary	Perm	anent
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5
Attach: Drawing(s) of road, location, provided)		at all times ** application (unless engineered plans in	cluding this info have been
Attach: Drawing(s) of road, location, provided) Photocopied section of involv	pit and proposed area for land red 7.5' topographic sheet.		
Attach: Drawing(s) of road, location, provided) Photocopied section of involv Plan Approved by:	pit and proposed area for land red 7.5' topographic sheet.		cluding this info have been RECEIVE Office of Oil ar
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12,231

59

42

Drilled Latitude = 38°



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

August 19, 2020

Mr. Jeff McLaughlin WVDEP Division of Oil & Gas 601 57th Street Charleston, West Virginia 25304 Unuc# 4736 \$550.99 8/19/2020

RE:

S. B. Kinkead No. 108 (API 47-087-04749)

Smithfield District, Roane County

West Virginia

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 an injection well. Also enclosed is our check in the amount of \$550.00 to cover the associated permit fees.

Very truly yours,

Diane White

RECEIVED Office of Oil and Gas

AUG 3 1 2020

WV Department of Environmental Protection

Diane C. White

Enclosures

cc:

Ed Asbury – Certified

Joe Taylor - Inspector