

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

December 17, 2014

WELL WORK PERMIT

Secondary Recovery Well

This permit, API Well Number: 47-8704749, issued to HG ENERGY, LLC, 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 all 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 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: SB KINKEAD 108

Farm Name: SNODGRASS, REVA ET AL

API Well Number: 47-8704749

Permit Type: Secondary Recovery Well

Date Issued: 12/17/2014

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. Failure to adhere to the specified permit conditions may result in enforcement action.

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: 10/21	/2014						
2) Operator's We		S.	B. Kinkead	108			
3) API Well No.:	47	-	Roane	L.	5		
	State	11	County	-		Permit	T
4) UIC Permit No	. UIC	2R08	3704AP				

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

TANKELY OPEN	Distric			5	Co	unty Roane			igle Looneyville 7	.5' 44
7) WELL OPERA						8) DESIGNA			White	
Add	100 mm	5260 Dupor					Addre		Supont Road	
VOIT & GLOR	_	Parkersburg				CIO GARAGE			sburg, WV 26101	
OIL & GAS IN		OR TO BE	NOTIFI	ED		10) DRILLIN				
Name Ed G.					_		o Be Determ	ined Upon Ap	proval of Permit	
	Box 821 cer WV 25	276				Address				
Speni	cer vvv 25	2/0			_	-				
2) GEOLOGIC 3) Estimated De 4) Approximate 5) Approximate	pth of Co water stra coal sean	FORMAT mpleted W ata depths: a depths:	Other portion	hysical Big Inju	n pth of exist	vell (specify) Depth	2140	Feet (top	Conve) to Feet	rt
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro 1) FILTERS (IF	oir pressu ervoir fra PROPOS DENTIF duced wate ANY)	re in targe cture press ED INJEC ICATION er, bactericio Cartridge fill	t formation cure TION OF OF MAT des and of ters and/or	PERAT. ERIAL her chem	IONS: V S TO BE In hicals as need	olume per hou NJECTED, INdeed to maintain v	CLUDING water quality	Bottom I ADDITIVE and improve of	nole pressure 2	BHFP) 2400 psi
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro- 1) FILTERS (IF 2) SPECIFICAT	oir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ IONS FO	re in targe cture press ED INJEC ICATION er, bactericie Cartridge fill DR CATHO	t formation of the following of the following the followin	PERAT. ERIAL her chem	IONS: V S TO BE In hicals as need	olume per hou NJECTED, INdeed to maintain v	r 25 BBL CLUDING water quality	Bottom I ADDITIVE and improve of	nole pressure 2	200
1) FILTERS (IF 2) SPECIFICAT 3) CASDIG AND	oir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ IONS FO	re in targe cture press ED INJEC ICATION er, bectericie Cartridge fill DR CATHO PROGRAM	t formation of the following of the foll	PERAT: TERIAL her chem coal bed OTECT	IONS: V S TO BE In hicals as need	Volume per hou NJECTED, INvided to maintain v	r 25 BBL CLUDING water quality ROSION C	Bottom I ADDITIVE and improve of	nole pressure 2	2400 psi
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro- 1) FILTERS (IF 2) SPECIFICAT	oir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ IONS FO	re in targe cture press ED INJEC ICATION er, bectericie Cartridge fill DR CATHO PROGRAM	t formation of the following of the following the followin	PERAT: TERIAL her chem coal bed OTECT	IONS: V S TO BE In hicals as need	olume per hou NJECTED, INdeed to maintain v	r 25 BBL CLUDING water quality ROSION C	Bottom h ADDITIVE and improve of CONTROL CEMENT FILL -UP OR SACKS	nole pressure 2	2400 psi
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro 1) FILTERS (IF 2) SPECIFICAT 3) CASING AND CASING OR THING T PE	pir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ IONS FO	re in targe cture press ED INJEC ICATION er, bactericie Cartridge fill DR CATHO PROGRAM	t formation of the control of the co	PERAT: ERIAL her chem coal bec OTECT	IONS: V S TO BE II oicals as nee d fillers	Volume per hou NJECTED, IN ded to maintain of OTHER COR	r 25 BBL CLUDING water quality ROSION C	Bottom In ADDITIVE and improve of CONTROL	packer	2400 psi
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro 1) FILTERS (IF 2) SPECIFICAT 3) CASDIG AND CASDIG AND TURING TYPE	pir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ IONS FO	re in targe cture press ED INJEC ICATION er, bactericie Cartridge fill DR CATHO PROGRAM	t formation of the control of the co	PERAT: ERIAL her chem coal bec OTECT	IONS: V S TO BE II oicals as nee d fillers	Volume per hou NJECTED, IN ded to maintain of OTHER COR	r 25 BBL CLUDING water quality ROSION C	Bottom h ADDITIVE and improve of CONTROL CEMENT FILL -UP OR SACKS	nole pressure 2	2400 psi
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro- 1) FILTERS (IF 2) SPECIFICAT ASING OR THING THE Conductor resh Water	pir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ TONS FO	re in targe cture press ED INJEC ICATION er, bactericic Cartridge fill DR CATHO PROGRAM SPE Grade	t formation of the control of the co	PERAT: ERIAL her chem coal bec OTECT ONS New	IONS: V S TO BE II oicals as nee d fillers	Volume per hou NJECTED, IN ded to maintain of OTHER COR FOOTAGE IN For Drilling	r 25 BBL CLUDING water quality ROSION C TTERVALS Left In Well	Bottom I ADDITIVE and improve of CONTROL CEMENT FILL -UP OR SACKS (CU. FT.)	PACKER	2400 psi
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro- 1) FILTERS (IF 2) SPECIFICAT 3) CASING OR THE ING THE ONLY ON OUT OF THE OUT OF THE OUT OF THE OUT OF THE OUT	pir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ TONS FO	re in targe cture press ED INJEC ICATION er, bactericic Cartridge fill DR CATHO PROGRAM SPE Grade	t formation of the control of the co	PERAT: ERIAL her chem coal bec OTECT ONS New	IONS: V S TO BE II oicals as nee d fillers	Volume per hou NJECTED, IN ded to maintain of OTHER COR FOOTAGE IN For Drilling	r 25 BBL CLUDING water quality ROSION C TTERVALS Left In Well	Bottom I ADDITIVE and improve of CONTROL CEMENT FILL -UP OR SACKS (CU. FT.)	packer	2400 psi
7) Virgin reserve 8) Estimated res 9) MAXIMUM 0) DETAILED I Fresh water, pro 1) FILTERS (IF 2) SPECIFICAT CASING OR THING TOTAL onductor resh Water oal termediate	pir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ TONS FO	re in targe cture press ED INJEC ICATION er, bactericic Cartridge fill DR CATHO PROGRAM SPE Grade	t formation of the control of the co	PERAT: ERIAL her chem coal bec OTECT ONS New	IONS: V S TO BE II oicals as nee d fillers	Volume per hou NJECTED, IN ded to maintain of OTHER COR FOOTAGE IN For Drilling	r 25 BBL CLUDING water quality ROSION C TTERVALS Left In Well	Bottom I ADDITIVE and improve of CONTROL CEMENT FILL -UP OR SACKS (CU. FT.)	PACKER Kinds Sizes	2400 psi
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro 1) FILTERS (IF 2) SPECIFICAT CASING OR THING TITLE conductor resh Water coal intermediate reduction	oir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ IONS FO TUBING Size	re in targe cture press ED INJEC ICATION er, bactericie Cartridge fill DR CATHO PROGRAM SPE Grade	t formation of the form	PERAT: ERIAL her chem coal bec OTECT ONS New	IONS: V S TO BE II oicals as nee d fillers	FOOTAGE IN For Drilling	r 25 BBL CLUDING water quality ROSION C TERVALS Left In Well 530'	Bottom h ADDITIVE and improve of CONTROL CEMENT FILL-UP OR SACKS (CU. FT.) CTS	PACKER Kinds Sizes 2.375" x 4	2400 psi
7) Virgin reserve 8) Estimated res 9) MAXIMUM 10) DETAILED I Fresh water, pro 11) FILTERS (IE 22) SPECIFICAT CASING OR TURING TYPE Conductor resh Water coal intermediate roduction ubing	pressure pressure properties of the properties of the properties of the pressure pre	re in targe cture press ED INJEC ICATION er, bactericie Cartridge fill DR CATHO PROGRAM SPE Grade LS ST&C J-55	t formation of the form	PERAT: ERIAL her chem coal bec OTECT ONS New	IONS: V S TO BE II oicals as nee d fillers	FOOTAGE IN For Drilling 530'	r 25 BBL CLUDING water quality ROSION C TTERVALS Left In Well 530'	Bottom h ADDITIVE and improve of CONTROL CEMENT FILL-UP OR SACKS (CU. FT.) CTS	PACKER Kinds Sizes 2.375" x 4	2400 psi
7) Virgin reserve 8) Estimated rese 9) MAXIMUM 0) DETAILED I Fresh water, pro 1) FILTERS (IF 2) SPECIFICAT 3) CASING AND CASING OR THING TYPE conductor	pir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ IONS FO TUBING Size	re in targe cture press ED INJEC ICATION er, bactericie Cartridge fill DR CATHO PROGRAM SPE Grade LS ST&C J-55	t formation of the form	PERAT: ERIAL her chem coal bec OTECT ONS New	IONS: V S TO BE II oicals as nee d fillers	FOOTAGE IN For Drilling 530'	r 25 BBL CLUDING water quality ROSION C TTERVALS Left In Well 530'	Bottom h ADDITIVE and improve of CONTROL CEMENT FILL-UP OR SACKS (CU. FT.) CTS	PACKER Kinds Sizes 2.375" x 4 Depths set 2300' Perforations	2400 psi
7) Virgin reserve 8) Estimated res 9) MAXIMUM 10) DETAILED I Fresh water, pro 11) FILTERS (IE 22) SPECIFICAT CASING OR TURING TYPE Conductor resh Water coal intermediate roduction ubing	pir pressu ervoir fra PROPOS DENTIF duced wate ANY) _ IONS FO TUBING Size	re in targe cture press ED INJEC ICATION er, bactericie Cartridge fill DR CATHO PROGRAM SPE Grade LS ST&C J-55	t formation of the form	PERAT: ERIAL her chem coal bec OTECT ONS New	IONS: V S TO BE II oicals as nee d fillers	FOOTAGE IN For Drilling 530'	r 25 BBL CLUDING water quality ROSION C TTERVALS Left In Well 530'	Bottom h ADDITIVE and improve of CONTROL CEMENT FILL-UP OR SACKS (CU. FT.) CTS	PACKER Kinds Sizes 2.375" x 4 Depths set 2300' Perforations	2400 psi

Received Office of Oil & Gas

OCT 29 2014

FORM WW-3 (A) 1/12



1) Date:	Octobe	r 21, 20	14			
2) Operator		No.	S.B.	Kinkead 10	08	
API Wel	l No.:	47	- 3	087	-	047495
		State		County		Permit
4) IIIC Perm	it Ma	1110	00007			

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

A STATE OF THE PARTY OF THE PAR) Coal Operator ame				
Address		ddress				
4555	Melbourne, FL 32934	7) (b) Coal Owner(S) With Declaration Of Record				
(b) Name Address						
Address		Name Address				
		udiess				
(c) Name	N	ame				
Address		ddress				
ZV Turner and	FI ONE					
6) Inspector) Coal Lessee with Decl	aration Of Record			
Address PO Box 821 Spencer, WV 25276		Name Address				
Telephone	304-389-7582	idiess				
(1) The Appl	PERSONS NAMED ABOVE: You should ication For A Liquid Injection or Waste Dispos	have received this for al Well Work Permit o	rm and the following documents in Form WW-3(B), which sets out the			
parties inv	volved in the drilling or other work;					
(2) The plat (surveyor's map) showing the well location on Fo	rm WW-6; and	Annual Residence			
(3) The Cons	truction and Reclamation Plan on Form WW-9 (rosion and sediment control and for reclamation f	inless the well work is or	only to plug a well), which sets out the			
	proposed for the first injection or waste disp					
	1 54, T. S.		20 14 .			
APPLICATION	N YOU HAVE RECEIVED THESE DOCUM N WHICH ARE SUMMARIZED IN THE "INS	TRUCTIONS" ON THE	E REVERSE SIDE OF THE COPY OF			
ACTION AT A	ATION [(FORM WW-3(B)] DESIGNATED TO ALL.	YOU. HOWEVER YO	OU ARE NOT REQUIRED TO TAKE			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certificin certain circumstances) on or before the day of the state of the sta	the undersigned well op ell Work Permit with the respect to a well at the of this Notice, the App ed mail or delivered by	perator proposes to file or has filed this are Chief of the Office of Oil and Gas, are location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certific	the undersigned well or ell Work Permit with the respect to a well at the of this Notice, the App ed mail or delivered by the mailing or delivery to	perator proposes to file or has filed this are Chief of the Office of Oil and Gas, are location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or o the Chief.			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic by publication i	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certific in certain circumstances) on or before the day of the person signing this document shape.	the undersigned well or ell Work Permit with the respect to a well at the of this Notice, the Appel ed mail or delivered by the mailing or delivery to the mail make the following	perator proposes to file or has filed this are Chief of the Office of Oil and Gas, are location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or o the Chief.			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic by publication i	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certific in certain circumstances) on or before the day of the person signing this document shape penalty of law that I have personally examined a	the undersigned well or ell Work Permit with the respect to a well at the of this Notice, the Apped mail or delivered by the mailing or delivery to all make the following well Operator	perator proposes to file or has filed this are Chief of the Office of Oil and Gas, are location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or to the Chief.			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic by publication i "I certify under am familiar wit	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certific in certain circumstances) on or before the day of the person signing this document shape.	the undersigned well or ell Work Permit with the respect to a well at the of this Notice, the Apped mail or delivered by the mailing or delivery to all make the following well Operator	perator proposes to file or has filed this are Chief of the Office of Oil and Gas, are location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or o the Chief. HG Energy, LLC			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic by publication i "I certify under am familiar wit attachments and immediately res	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certific in certain circumstances) on or before the day of the person signing this document shape penalty of law that I have personally examined a the the information submitted in this document and that, based on my inquiry of those individuals sponsible for obtaining the information, I believe	the undersigned well opell Work Permit with the respect to a well at the of this Notice, the Appel mail or delivered by the mailing or delivery to the mailing of the thickness well Operator all Address that By:	perator proposes to file or has filed this be chief of the Office of Oil and Gas, he location described on the attached dication, the plat, and the Construction thand to the person(s) named above (or of the Chief. HG Energy, LLC 5260 Dupont Road			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic by publication i "I certify under am familiar wit attachments and immediately res the information	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certific in certain circumstances) on or before the day of the Department of Environmental Protection, with depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certific in certain circumstances) on or before the day of the person signing this document shape the information submitted in this document and that, based on my inquiry of those individuals sponsible for obtaining the information, I believe its true, accurate and complete. I am aware that the	the undersigned well opell Work Permit with the respect to a well at the of this Notice, the Appel mail or delivered by the mailing or delivery to wall make the following all Mell Operator all Address that By: there Its:	perator proposes to file or has filed this 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 to the Chief. General Control Con			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic by publication i "I certify under am familiar wit attachments and immediately res the information are significant p	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certificin certain circumstances) on or before the day of the person signing this document shape the information submitted in this document and that, based on my inquiry of those individuals sponsible for obtaining the information, I believe its true, accurate and complete. I am aware that the penalties for submitting false information, including fine and imprisonment.	the undersigned well opell Work Permit with the respect to a well at the of this Notice, the Appel mail or delivered by the mailing or delivery to wall make the following all Mell Operator all Address that By: there Its:	perator proposes to file or has filed this be Chief of the Office of Oil and Gas, he location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or othe Chief. General Construction			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic by publication i "I certify under am familiar wit attachments and immediately res the information are significant p	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certific in certain circumstances) on or before the day of the person signing this document shapenalty of law that I have personally examined at the information submitted in this document and that, based on my inquiry of those individuals sponsible for obtaining the information, I believe its true, accurate and complete. I am aware that the penalties for submitting false information, including fine and imprisonment.	the undersigned well opell Work Permit with the respect to a well at the of this Notice, the Appel mail or delivered by the mailing or delivery to all make the following well Operator all Address that By: there Its:	perator proposes to file or has filed this be Chief of the Office of Oil and Gas, he location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or othe Chief. General Construction			
ACTION AT A Take notice tha Notice and App West Virginia Application and and Reclamatic by publication i "I certify under am familiar wit attachments and immediately res the information are significant p	at under Chapter 22-6 of the West Virginia Code, plication and accompanying documents for a W Department of Environmental Protection, with d depicted on the attached Form WW-6. Copies on Plan have been mailed by registered or certificin certain circumstances) on or before the day of the person signing this document shape the information submitted in this document and that, based on my inquiry of those individuals sponsible for obtaining the information, I believe its true, accurate and complete. I am aware that the penalties for submitting false information, including fine and imprisonment.	the undersigned well opell Work Permit with the respect to a well at the of this Notice, the Appel mail or delivered by the mailing or delivery to all make the following well Operator all Address that By: there Its:	perator proposes to file or has filed this are Chief of the Office of Oil and Gas, are location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or of the Chief. If g certification: HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 Diane White			

0001 9028 9119	(Dameetic Mail Of		at www.usps.coms
2630	(Endorsement Hequired) Total Postage & Fees	\$	5BK 108
7013	Street, Apt. No.;	1elbourne	uility Dr.

Received Office of Oil & Gas 0CT 2 9 2014 WW-2B1 (5-12)

Well No. S. B. Kinkead 10	ટ
---------------------------	---

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 Lab Sampling Contractor Sturm Environmental Lab

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.

Surface Owners With Wlater Sources Identified for Sampling and Analysis:

* John R. McClain . James Shamblin . Caroline Miller
41 Clay Road 4292 Clay Road 4326 Clay Road
Spencer WV 25276 Spencer WV 25276 Spencer WV

Holly Cottrell # Reva Snodgrass
89 Edgle Fork Road 3740 Tranquility Dr.
Spencer WV 25276 Melbourne FL 32924

25274

Melbourne FL 32934

* sampled and Tested

WW-9 Rev. 5/10

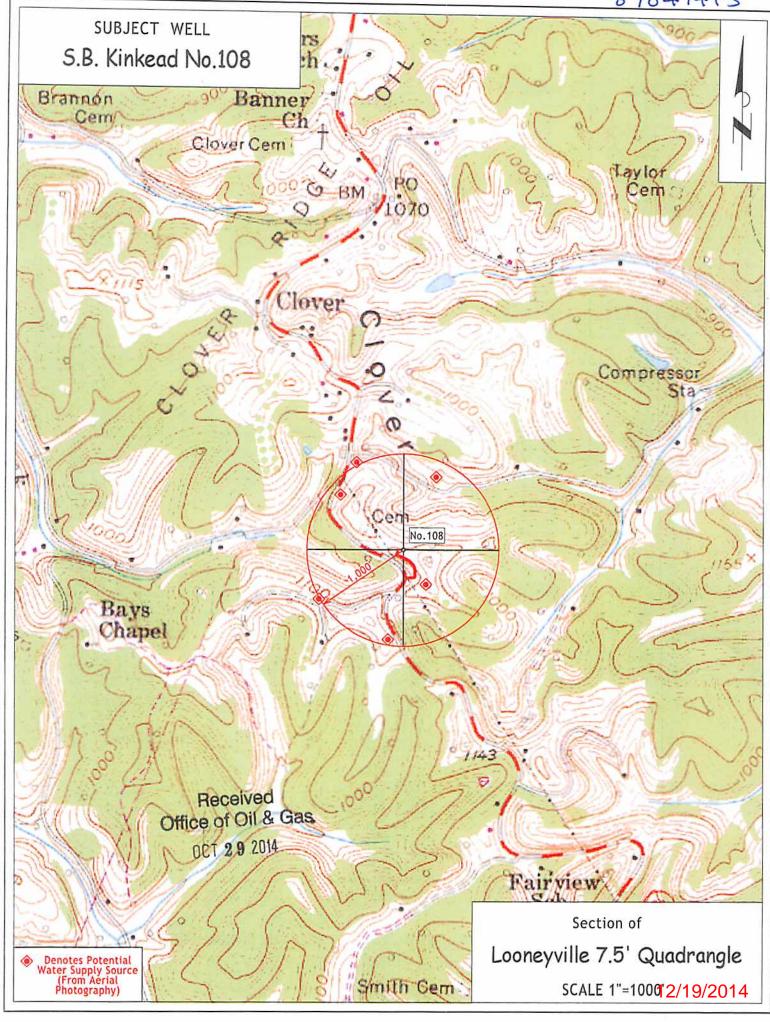
	age	204	of	
API Number 47 -		-		
Operator's Well No.	S. B. K	Cinkead 1	08	

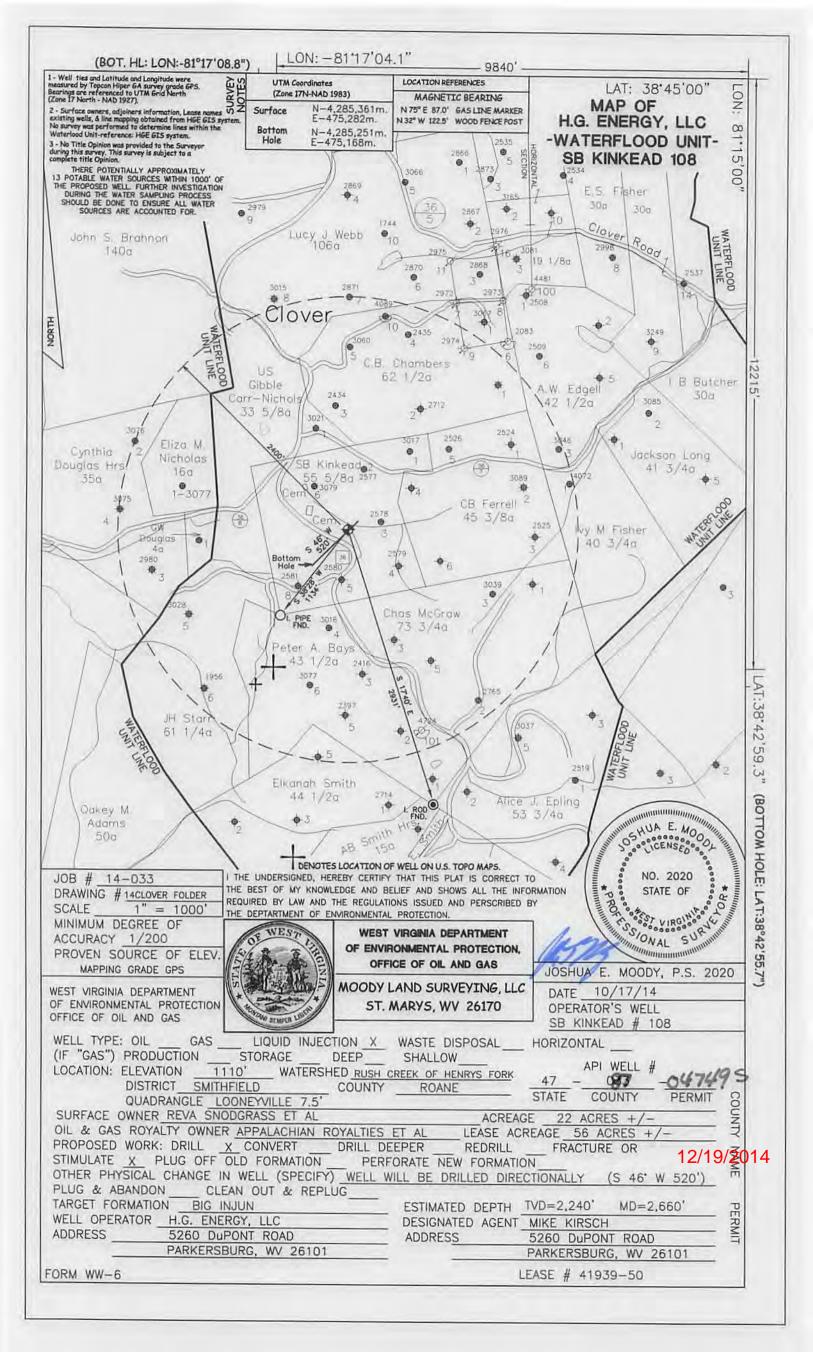
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

	HG Energy, LLC	OP	Code 494497948	
Watershed Rush	Creek of Henrys Fork	Quadrangle Loone	yville 7,5°	
Elevation1110	County Roan	e	District Smithfield	
Description of antic	eipated Pit Waste: Fluids encountered	while drilling subject well		
Do you anticipate u	sing more than 5,000 bbls of water to c	omplete the proposed well w	ork? Yes No No	
	er be used in the pit? Yes			-
	Method For Treated Pit Wastes: X Land Application Underground Injection (UIC Per Reuse (at API Number Off Site Disposal (Supply form Other (Explain	ermit Number 25 -	-561)
-If oil base Additives to be use Will closed loop sy Drill cuttings dispo -If left in p	ticipated for this well? Air, freshwater, id, what type? Synthetic, petroleum, etc. d? Water, soap, KCl stem be used? No sal method? Leave in pit, landfill, remoit and plan to solidify what medium will roffsite name/permit number?	ved offsite, etc. Leave in pit		
L contify th	at I understand and agree to the terms a	and conditions of the GENE	RAL WATER POLLUTION PER	RMIT
on August 1, 2005, provisions of the plaw or regulation of I certify unapplication form a obtaining the inforpenalties for submit	by the Office of Oil and Gas of the Westermit are enforceable by law. Violation and lead to enforcement action. Index penalty of law that I have person all attachments thereto and that, I mation, I believe that the information ting false information, including the positions.	ns of any term or condition nally examined and am fam pased on my inquiry of the is true, accurate, and comp	of the general permit and/or other alliar with the information submose individuals immediately resplete. I am aware that there are nent.	itted of ponsible of e
on August 1, 2005, provisions of the plaw or regulation of I certify unapplication form a obtaining the inforpenalties for submit Company Official S	ermit are enforceable by law. Violation in lead to enforcement action. Inder penalty of law that I have person all attachments thereto and that, I mation, I believe that the information ting false information, including the positions are the positions.	ns of any term or condition nally examined and am fam pased on my inquiry of the is true, accurate, and comp	of the general permit and/or other alliar with the information submose individuals immediately resplete. I am aware that there are nent.	itted o ponsib Rec e of
on August 1, 2005, provisions of the plaw or regulation of I certify unapplication form a obtaining the inforpenalties for submit Company Official S	ermit are enforceable by law. Violation in lead to enforcement action. Inder penalty of law that I have person all attachments thereto and that, I mation, I believe that the information ting false information, including the posignature Diane White (Typed Name) Diane White	ns of any term or condition nally examined and am fam pased on my inquiry of the is true, accurate, and comp	of the general permit and/or other alliar with the information submose individuals immediately resplete. I am aware that there are nent.	er appl itted o ponsib

	LEGEND				
Property Boundary	Spring -				
Road = = = = = = = = = = = = = = = = = = =					
Existing Fence — X — X — X —	Wet Spot				
Planned Fence / / /	Drain Pipe with size in inches (E)				
Stream	Waterway \iff				
Open Ditch	Cross Drain 7////////////				
Rock & Select	Artificial Filter Strip				
North N	Pit: cut walls				
Buildings	Pit: compacted fill walls				
Water wells	Area for Land Application of Pit Waste				
Drill site					
Proposed Revegetation Treatment: Acres Disturbed 1	.7 acres Prevegetation pH				
Lime 2Tons/acre or to correct to pl-					
E00	1				
Fertilizer (10-20-20 or equivalent)lbs	s/acre (500 lbs minimum)				
Mulch Straw 2 Tons/	acre				
See	ed Mixtures				
Area I	Агеа П				
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,pit and proposed area for land approposed section of involved 7.5' topographic sheet.	plication.				
Plan Approved by:	F .				
Comments: Sed ment con	trol to he in place at all times				
Title: Anspection	Date: 10/23/14 Received				
Field Reviewed? (Rome) Yes (Office of Oil & Gas				
7	OCT 29 2014				







HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office (304) 863-3172 - Fax Office of Oil & Gas
OCT 2 9 2014

October 21, 2014

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

RE: S. B. Kinkead No. 108

Smithfield District, Roane County

West Virginia

Dear Mr. McLaughlin:

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

Very truly yours,

Diane C White

Diane C. White

Enclosures

ce: Reva Snodgrass - Certified

Ed Gainer - Inspector

Received

OCT 2 9 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

