

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

April 30, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-701715, issued to HARPER, HAYDEN ENERGY KA, 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

Chief

² James Martin

Operator's Well No: 3

Farm Name: SHAVER, ARTHUR

API Well Number: 47-701715 Permit Type: Plugging

Date Issued: 04/30/2014

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

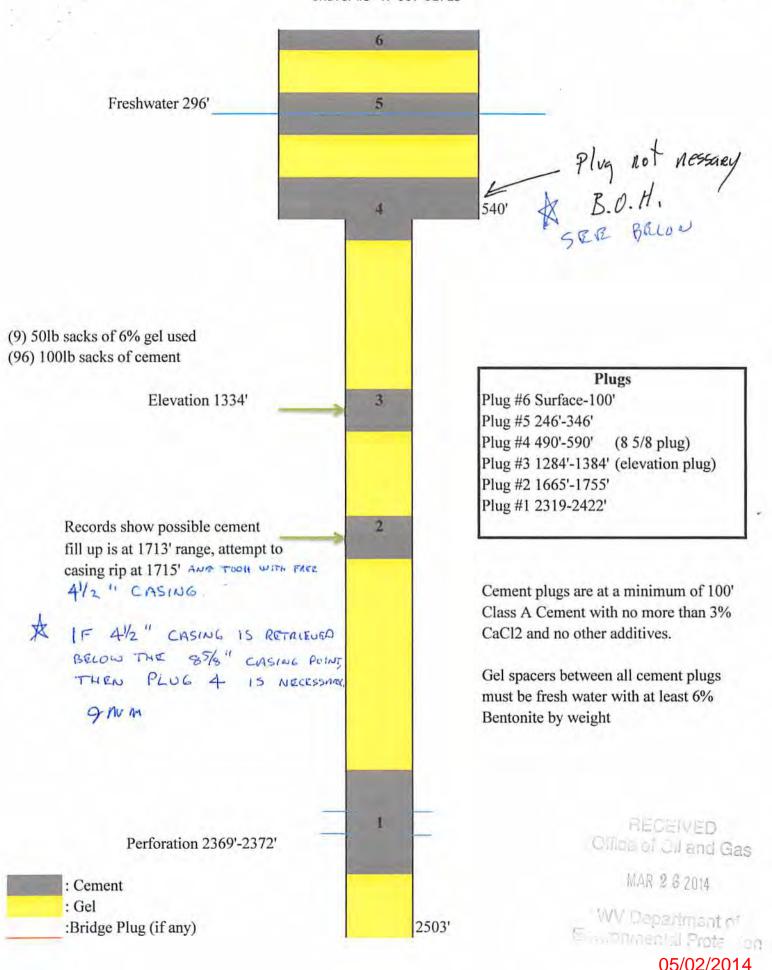
- 1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 3. Well work activities shall not constitute a hazard to the safety of persons.
- 4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

WW-4B Rev. 2/01

1) Date February 20	20 14
2)Operator's	-
Well No. A. Shaver#3	
3) API Well No. 47-007	- 01718

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

		APPLICATION FOR A PERM	AIT TO PLUG AND ABANDON
4) We	ell Type: O	il/ Gas X / Liquio	d injection/ Waste disposal/
	(If "	Gas, Production X or Unc	derground storage) Deep/ Shallow X
) Lo	cation: El	evation_1334'	Watershed Shaver Fork
	Di	strict Otter	County Braxton Quadrangle Burnsville 7.5'
) We	_	Hayden & Harper KA, LLC	7) Designated Agent Brett McDonough
	Address		Address 1001 Moorehead Square Dr. Suite 350
		Charlotte, NC 28203	Charlotte, NC 28203
) Oi	l and Gao T	nspector to be notified	
, 01	Name Bryan H		9) Plugging Contractor
	Address P.O		Name Patchwork Oil & Gas, LLC
		pa, WV 26238	Address 8165 Elizabeth Pike
		Ju, *** 20200	Elizabeth, WV 26143
		The work order for the mann	e following page, A. Shaver #3 47-007-01715.
See	ation must he commence.	rocedure and diagram on th	e following page, A. Shaver #3 47-007-01715. I and gas inspector 24 hours before permitted MAR 2 6 2014 Date 3-20-14
See	ation must he commence.	rocedure and diagram on the	e following page, A. Shaver #3 47-007-01715. and gas inspector 24 hours before permitted MAR 2 6 2014



OG-10 Rev. - 9-71



RECEIVED

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

CCT 1 6 1981

OIL AND CAS DIVISION WYDEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary_X	0.1		
Cable	GasX		
Recycling	Comb.		
Water Flood_	Storage		
Dianosal	1		

Quadrangle Burnsville 7.5' Permit No. 47-007-1715 Kind Company Trio Petroleum Corp.

Address Rt. 76, Box 35-E, Glenville, WV 26351 Used in Left Cating and Cement fill up Tubing **Drilling** in Well Cu ft (Sks.) Acres 155 Shaver . Shaver Fork Location (waters) _ Size Well No. Three (3) District Otter Elev. 1334' 20-16 County Braxton Cond The surface of tract is severed in fee by Arthur Shaver 13-10" 9 5/8 Address Exchange, WV 26619 5401 540' 8 5/R 150 Sks. Mineral rights are owned by Arthur Shaver
Address Exchange, WV 26619 Arthur Shaver 5 1/2 September 18, 1981 4 1/2 24861 100 Sks. September 21, 1981 Drilling Completed_ 2341 207 XX 1" mcu. ft. 0 Initial open flow _ 490 Mess. ft. per day 0 bbls. Liners Used Final production. 6 hes before test 530 RP. Well open . Weil treatment details: Attach copy of cementing record. 9/29/81: Halliburton - 2369'-2372' - 40,000# 20-40 Sand, 510 BGW and 500 GA Injun Sand

-None-Feet. Coal was encountered at 296 N/R Salt Water N/R Depth 2366'-2384' Fresh water. Feet Feet Injun Sand Producing Sand

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and Shale Little Lime Pencil Cave Sand and Shale Big Lime Injun Sand Sand and Shale B/Injun Sand and Shale B/Injun	2124 2147 2155 2184 2279 2382 2397 2382 2503	2124 2147 2155 2184 2279 2382 2397 2382 2503		
				Ĭo
	1			1.1
				05/02/201



IV-35 (Rev 8-81)

State of West Airginia Beparlment of Alines Gil und Gas Bivision

Date			750 29.		
Operator Well No	r's				
Farm		SI	naver		
API No.	47	-	007	_	1715

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMU	LATING, O	R PHYSICAL	CHANCE			
WELL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Undergrou	/ Wastund Storage	e Disposal e/ Deep	L/ D/ Sha	110w <u>X</u> /)		
IOCATION: Elevation: 1334' Watershed	Shaver	Fork				
District: Otter County Braxt	On (Quadrangle	Burn	sville 7.5'		
COMPANY Trio Petroleum Corp.				Compat	ĺ	
ADDRESS Rt. 76, Box 35-E, Glenville, WV 26351	Caging	Used in	Left	Cement fill up		
DESIGNATED AGENT E. A. Broome	Tubing	Drilling	in Well	Cu. ft.		
ADDRESS Rt. 76, Box 35-E, Glenville, WV 26351	Size					
SURFACE CANER Arthur Shaver	20-16 Cond.					
ADDRESS Exchange, WV 26619	13-10"					
MINERAL RIGHTS OWNER Arthur Shaver	9 5/8					
ADDRESS Exchange, WV 26619	8 5/8	540'	540'	150 Sks		
OIL AND GAS INSPECTOR FOR THIS WORK Robert	7	3,72.				
Bates ADDRESS Weston, WV 26452	5 1/2					
PERMIT ISSUED September 14, 1981			2486'	100 Sks.		
DRILLING COMMENCED September 18, 1981	4 1/2					
DRILLING COMPLETED September 21, 1981		 	2341'			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used					
CN	<u> </u>		2500	gh	•	
GEOLOGICAL TARGET FORMATION Injun Sand		Dep	en	reet		
Depth of completed well 2503 feet 1						
Water strata depth: Fresh 296' feet;	Salt	N/A_feet				
Coal seam depths:	Is coal	being min	ed in the	area? No		
OPEN FLOW DATA						
Producing formation Injun Sand	Pas	zone dep	th 2366'-	2384' feet		
Gas: Initial open flow 207 Mcf/d	Oil: Ini	itial open	flow_0	Bb1/d		
Final open flow 490 Mcf/d		mal open f				
Time of open flow between initial and final tests N/A hours						
Static rock pressure 530 psig(surfac	e measurer	ment) afte	er 6 hou	ns@hhf?iv	of Oil and Gas	
(If applicable due to multiple completion		_		#11#	D 0 0 00	
Second producing formation		y zone dep	·		R 2 6 2014	
Gas: Initial open flow Mcf/d		itial oper		Bb1/d		
Final open flow Mcf/d		nal open			bpartment of	
Time of open flow between init				ours ""M	18013 Pr	
Static rock pressurepsig(surface	measurem	ent) after	rho	urs shut in	, 05/02/2014	
					. 1	

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMELATING, PHYSICAL CHANGE, ETC.

9/29/81: Halliburton, Injun Sand - 2369'-2372' - 40,000# 20-40 Sand, 510 BGW and 500 GA.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REPARCE Including indication of all fresh and salt water, coal, oil and gas
Sand Sand and Shale Sand Sand, Shale and Red Rock Shale Sand Sand, Shale and Red Rock Sand Sand, Shale and Red Rock Sand Sand and Shale Sand Sand and Shale Pencil Cave Sand and Shale Big Lime Injun Sand Sand and Shale B/Injun Sand Sand and Shale B/Injun Sand	0 140 375 379 470 690 730 890 920 1180 1220 1470 1610 2124 2147 2155 2184 2279 2382 2397 2382 2503	140 375 379 470 690 730 890 920 1180 1220 1470 1610 2124 2147 2155 2184 2279 2382 2397 2382 2503	Fresh water @ 296*

(Attach separate sheets as necessary)

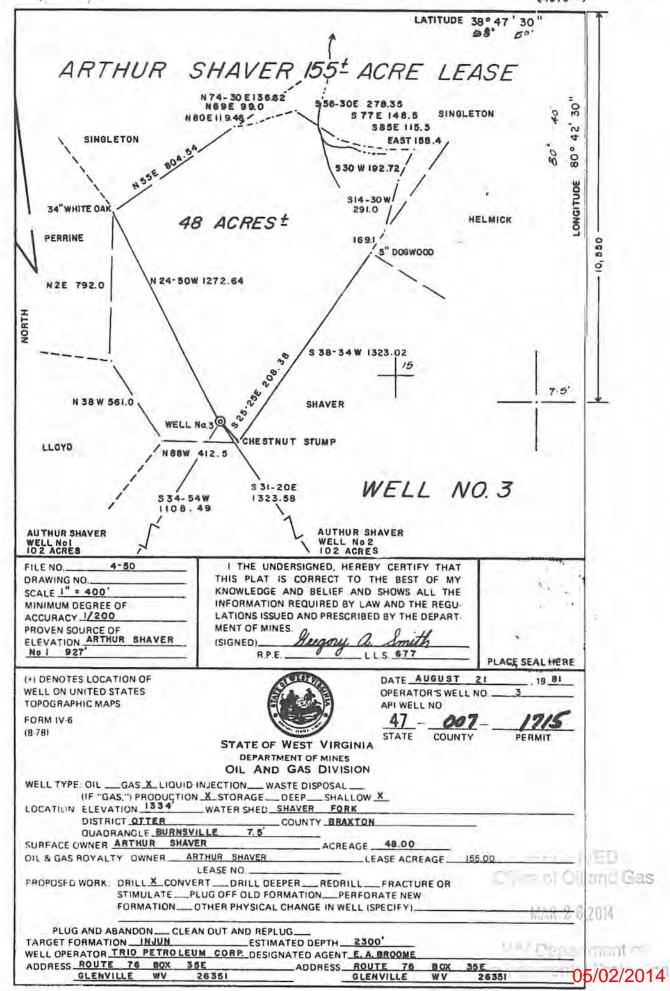
TRIC	PETROLEUM (ORP.		
Well Operat By: E. A. Broom	<i>I</i> .	Pr.	·	PLUEIVED
	h 29, 1982		Ome	or Cil and Gas

MAR 2 6 2014

Bote: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including inval, encountered in the drilling of a well."





WW-4A Revised 6-07

1)	Date:	February 20, 20	14			
2) Operator's Well Number A Shaver#3						
3)	API Well N	0.: 47 -	007		D1715	

STATE OF WEST VIRGINIA

Address Exchange, WV 26819 (b) Name Address Address (c) Name Address (c) Coal Lessee with Declaration Name Address (c) Coal Lessee with Declaration Name Address Telephone (c) Coal Lessee with Declaration Name Address Telephone (d) The application to Plug and Abundon a Well on Form WW-4B, which sets out the parties involved in the work and describes to well its and the plugging work order; and (d) The plat (aurveyor's map) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses site However, you are not required to take any action at all. Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Applications accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, west Virginia Department of Environment Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of his Non the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator Hayden & Harper KA, LLC By: Rate Modensum M. ICHA EL FOR Address Telephone Tol-343-2447		ner(s) to be served:	5) (a) Coal Operator
(b) Name Address (c) Name Address (de) Name Address (e) Name Address (e) Name Address (e) Name Address (f) Inspector Address (g) Coal Lessee with Declaration Name Address (g) Coal Lessee with Declaration Name Address Telephone Bryan Hamis (g) Coal Lessee with Declaration Name Address Telephone To THE PERSONS NAMED ABOVE: You should have received this Form and the following documents: (1) The application to Plug and Abandon a Well on Form WW-4B, which aets out the parties involved in the work and describes a well its and the plugging work order; and (g) The plat (aurveyor's map) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses si However, you are not required to take any action at all. Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment of the Application, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice and Application accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Envir	(a) Name		
(b) Name Address (c) Name Address (c) Name Address (c) Name Address (d) Coal Lessee with Declaration Name Address (e) Coal Lessee with Declaration Name Address Floephone (g) Coal Lessee with Declaration Name Address Telephone 304-553-6037 or 304-472-1732 TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents: (1) The application to Plug and Abundon a Well on Form WW-4B, which sets out the parties involved in the work and describes to well its and the plugging work order; and (2) The plat (aurveyor's amp) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses sit However, you are not required to take any action at all. Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application as accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment of Enviro	Address		Address
(c) Name Address Name Address (c) Coal Lessee with Declaration Address P.O Box 157 Name Address Telephone Name Addr	11/02/	Exchange, WV 26819	
(c) Name Address Address Address Name	the state of the s		
(c) Name Address Address Si Inspector Bryan Harris (c) Coal Lessee with Declaration Name Address P.O. Box 157 Volga, WY 26238 Telephone 304-553-6087 or 304-472-1732 TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents: (1) The application to Flug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes to well its and the plugging work order; and (2) The plat (aurveyor's map) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses sit However, you are not required to take any action at all. Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application as accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment Protection, with respect to the well at the location described on the attached Application and depicted on the attached Application and depicted on the attached Prom WW-6. Copies of this Noti the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication and depicted on the attached Square Dr. Sulte Store Address Well Operator By: Well Operator By: Well Operator By: Haydan & Harper KA, LLC Brait McDoaeugh Michael Fore Maddle Modern Store Address 1001 Moorehead Square Dr. Sulte 350 Charlotte, NC 28203 Telephone	Address		
Address Address			Address
Address Address	(c) Name		Name
Address P.O. Box 157 Name Address Name Address Name Name Add	* 15		Address
Address P.O. Box 157 Volga, WV 26238 Telephone 304-553-6087 or 304-472-1732 TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents: (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes a well its and the plugging work order; and (2) The plat (surveyor's map) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses si However, you are not required to take any action at all. Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmer Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Noti the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Rean McDonaugh Michael For January 180 Telephone Well Operator Hayden 8 Harper KA, LLC By: Rean McDonaugh Michael For January 180 Tod-343-2447	11441000		
Address P.O. Box 157 Volga, WV 26238 Telephone 70 THE PERSONS NAMED ABOVE: You should have received this Form and the following documents: (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and (2) The plat (surveyor's map) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses site of the west of the west of the west of the west of the parties of the west of the west of the west of the companying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice that under Chapter 22-6 of the West Oil and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Real McDonewigh Michael Fore Well Operator Hayden 8 Harper KA, LLC West President CFO 1001 Moorehead Square Dr. Suite 350 Charlotte, NC 28203 Telephone 704-343-2447) Inspector	Bryan Harris	(c) Coal Lessee with Declaration
Telephone Telephone Address Address Address Telephone Address Address Address Address Address Address Address The persons name and the following documents: (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and (2) The plat (aurveyor's map) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses site However, you are not required to take any action at all. Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application a accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment Protection, with respect to the well at the location described on the attached Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Haydan & Harper KA, LLC		P.O Box 157	Name
The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes a well its and the plugging work order; and. (2) The plat (surveyor's map) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses si However, you are not required to take any action at all. Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmer Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice that Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Well Operator Haydan & Harper KA, LLC Rean McDonaugh Michael Fore Mallel Fore Well Operator CFO 1001 Moorenbead Square Dr. Suite 350 Charlotte, NC 28203 Telephone 704-343-2447	0.0000000000000000000000000000000000000	Volgs, WV 26238	
(1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes a well its and the plugging work order; and. (2) The plat (surveyor's map) showing the well location on Form WW-6. The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses si However, you are not required to take any action at all. Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application a accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environment Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Well Operator Hayden & Harper KA, LLC Bean McDonaugh Michaest Fore Mailed Well Chief. Well Operator Chief, NC 28203 Telephone Telephone	Telephone	304-553-6087 or 304-472-1732	
Well Operator By: Bran McDonough MicHael Fox Manuel 10 Its: Wee President CFO Address 1001 Moorehead Square Dr. Sulte 350 Charlotte, NC 28203 Telephone 704-343-2447	(1) The well	application to Plug and Abandon a W	Well on Form WW-4B, which sets out the parties involved in the work and describes the
Telephone 704-343-2447	(1) The well (2) The The reason However, Take notic accompany Protection, the Applic	application to Plug and Abandon a Wits and the plugging work order; and plat (aurveyor's map) showing the we a you received these documents is that you you are not required to take any action at all the that under Chapter 22-6 of the West Virgying documents for a permit to plug and about the country of the well at the location desirion, and the plat have been mailed by many the country of the well at the location desirion, and the plat have been mailed by many the country of the well at the location desirion, and the plat have been mailed by many the country of the well at the location desirion, and the plat have been mailed by many of the plat have been mailed by many of the plat have been mailed by many of the well at the location desirion.	Well on Form WW-4B, which sets out the parties involved in the work and describes the all location on Form WW-6. In have rights regarding the application which are summarized in the instructions on the reverses side I. In a code, the undersigned well operator proposes to file or has filed this Notice and Application and andon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental scribed on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, registered or certified mail or delivered by hand to the person(s) named above (or by publication in
Telephone	(1) The well (2) The The reason However, Take notic accompany Protection, the Applic	application to Plug and Abandon a Wits and the plugging work order; and plut (surveyor's map) showing the we are you received these documents is that you you are not required to take any action at all the that under Chapter 22-6 of the West Virgying documents for a permit to plug and about the location destation, and the plat have been mailed by meaning and the plat have been mailed by meaning the west of the day of mailing the location of the location and the plat have been mailed by meaning the location of the lay of mailing the location and the plat have been mailed by meaning the location of the lay of mailing the location and the plat have been mailed by meaning the location of the lay of mailing the location are located to the lay of mailing the location and the location are located to the location described the location described the location described to the location described the location described to the	Well on Form WW-4B, which sets out the parties involved in the work and describes the all location on Form WW-6. In have rights regarding the application which are summarized in the instructions on the reverses side I. In a partie of the undersigned well operator proposes to file or has filed this Notice and Application and andon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental seribed on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, registered or certified mail or delivered by hand to the person(s) named above (or by publication in gor delivery to the Chief. Bratt McDonough Michael For January 1001 Moorehead Square Dr. Sulte 350
Sherri Palmer	(1) The well (2) The The reason However, Take notic accompany Protection, the Applic	application to Plug and Abandon a Well Ope By: Its: Address Address	Well on Form WW-4B, which sets out the parties involved in the work and describes the ill location on Form WW-6. If have rights regarding the application which are summarized in the instructions on the reverses side. It is a fact that the chief of the office of Oil and Gas, West Virginia Department of Environmental scribed on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, registered or certified mail or delivered by hand to the person(s) named above (or by publication in or delivery to the Chief. West President CFO 1001 Moorehead Square Dr. Suite 350 Charlotte, NC 28203

Oil and Gas Privacy Notice

My Commission Expires

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at department of the dep

Notary Pub

My Commission Expires

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery Is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature A. Signature A. Signature A. Agent Addressee B. Recalived by (Printed Name) C. Date of Delivery A. J.
Exchange, WU 26619	3. Service Type Certified Mail
	4. Restricted Delivery? (Extra Fee)
2. Article Number 7011 1570 06	103 5498 6421
PS Form 3811, February 2004 Domestic Re	turn Receipt 102595-02-M-154

RECEIVED
Office of Oil and Gas

MAR 2 G 2014

WV Paparent of Environ anto 05/02/2014

WW-9	
Rev. 5/	80

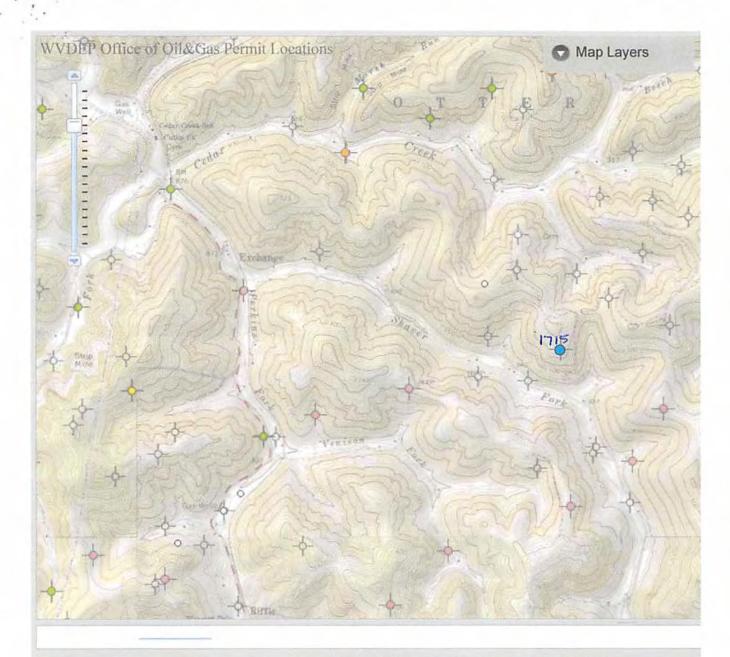
Page	of		
API Number 47 - 007 -	01715		· do
Operator's Well No. A Shaver #3		./	130
The state of the s		aV	The state of the s

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

N/ 1 1			OP Code 494495359
watershed	Shaver Fork	Quadr	angle Burnsville 7.5'
Elevation	1334'	County Braxton	District Otter
Descriptio	n of anticipated Pit W	aste: fluids used and associate	d with well plugging activities
Will a syn	thetic liner be used in	the pit? Yes 20 ML.	
roposed I	Disposal Method For Land	Treated Pit Wastes: Application	
		rground Injection (UIC Permit Number	5
		e (at API Number)
	Off's	ite Dispposal (Supply form WW-9 for di (Explain Solidify with cement and life, b	
Proposed 1	Work For Which Pit V	Vill Be Used:	
	Drilli		Swabbing
	Work		Plugging
	Other	(Explain	
provisions	1, 2005, by the Offic of the permit are ent	e of Oil and Gas of the West Virginia Dep forceable by law. Violations of any term	of the GENERAL WATER POLLUTION PERMIT iss partment of Environmental Protection. I understand that a or condition of the general permit and/or other applica-
aw or regi aw or regi I application obtaining ocnalties f	1, 2005, by the Offic of the permit are entural ulation can lead to enter certify under penalty in form and all attack the information, I be or submitting false in	e of Oil and Gas of the West Virginia Dep forceable by law. Violations of any term forcement action. of law that I have personally examine the horsest of the personal of the	partment of Environmental Protection. I understand that a or condition of the general permit and/or other applied and am familiar with the information submitted on inquiry of those individuals immediately responsible ate, and complete. I am aware that there are significant.
provisions law or reging I application obtaining penalties f	1, 2005, by the Offic of the permit are entural ulation can lead to enter certify under penalty in form and all attack the information, I be for submitting false in Official Signature	e of Oil and Gas of the West Virginia Der forceable by law. Violations of any term forcement action. of law that I have personally examine ments thereto and that, based on my elieve that the information is true, accor- formation, including the possibility of time	partment of Environmental Protection. I understand that a or condition of the general permit and/or other applied and am familiar with the information submitted on inquiry of those individuals immediately responsible ate, and complete. I am aware that there are significant.
provisions law or reg I application obtaining penalties f Company Company	1, 2005, by the Offic of the permit are endulation can lead to endulation can lead to endulation can lead to endulation and all attack the information, I be or submitting false in Official Signature Official (Typed Nam	e of Oil and Gas of the West Virginia Dep forceable by law. Violations of any term forcement action. of law that I have personally examine thements thereto and that, based on my elieve that the information is true, accur-	partment of Environmental Protection. I understand that a or condition of the general permit and/or other applied and am familiar with the information submitted on inquiry of those individuals immediately responsible ate, and complete. I am aware that there are significant.
provisions law or reg I application obtaining penalties f Company Company	1, 2005, by the Offic of the permit are entural to the permit are entural to the certify under penalty in form and all attack the information, I be for submitting false in Official Signature Official (Typed Name)	e of Oil and Gas of the West Virginia Der forceable by law. Violations of any term forcement action. of law that I have personally examine the ments thereto and that, based on my elieve that the information is true, accur formation, including the possibility of firm the breath of the possibility of firm the breath of the	d and am familiar with the information submitted on inquiry of those individuals immediately responsible ate, and complete. I am aware that there are significant or imprisonment.
provisions law or reg I application obtaining penalties f Company Company	1, 2005, by the Offic of the permit are entural to the permit are entural to the certify under penalty in form and all attack the information, I be for submitting false in Official Signature Official (Typed Name)	e of Oil and Gas of the West Virginia Der forceable by law. Violations of any term forcement action. of law that I have personally examine the ments thereto and that, based on my elieve that the information is true, according to the possibility of firm the possibility of firm action. Brett McDonough President	partment of Environmental Protection. I understand that a or condition of the general permit and/or other applicant and am familiar with the information submitted on inquiry of those individuals immediately responsible att, and complete. I am aware that there are significant or imprisonment.
provisions law or reg I application obtaining penalties f Company Company	1, 2005, by the Offic of the permit are endulation can lead to endulation can lead to endulation can lead to endulation can lead to endulate the information, I be for submitting false in Official Signature Official (Typed Nam Official Title Vice	e of Oil and Gas of the West Virginia Der forceable by law. Violations of any term forcement action. of law that I have personally examine ments thereto and that, based on my elieve that the information is true, accomposition, including the possibility of firm action. Brett McDonough President	d and am familiar with the information submitted on inquiry of those individuals immediately responsible at and complete. I am aware that there are significant or imprisonment.

L	ECEND		
Property Boundary	Diversion Control of the Control of		
Road = = = = = = = = = = = = = = = = = = =	Spring		
Existing Fence — X — X — X —	Wet Spot		
Planned Fence / / /	Drain Pipe with size in inches (3)		
Stream	Waterway		
Open Ditch			
Rock 685088	Artificial Filter Strip		
North N	Pit: cut walls		
Buildings	Pit: compacted fill walls		
Water wells	Area for Land Application of Pit Waste		
Drill site			
	6 A		
Proposed Revegetation Treatment: Acres Disturbed	Prevegetation pH 6.4		
Lime 2 Tons/acre or to correct to pH	6.5		
500			
	acre (500 lbs minimum)		
Mulch pulp fiber at 0.5-0.75 Tons/ac	re		
Cond	Mixtures		
2660	MIXITES		
Area I	Area II		
Area I Seed Type lbs/acre	Area II Seed Type lbs/acre		
Seed Type lbs/acre Tall Fescue 40	Seed Type Ibs/acre Tall Fescue 40		
Area I Seed Type lbs/acre	Area II Seed Type lbs/acre		
Seed Type lbs/acre Tall Fescue 40	Seed Type Ibs/acre Tall Fescue 40		
Seed Type lbs/acre Tall Fescue 40	Seed Type Ibs/acre Tall Fescue 40		
Seed Type lbs/acre Tall Fescue 40	Seed Type Ibs/acre Tall Fescue 40		
Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5	Seed Type Ibs/acre Tall Fescue 40 Ladino Clover 5		
Seed Type Ibs/acre Tall Fescue 40 Ladino Clover 5	Seed Type Ibs/acre Tall Fescue 40 Ladino Clover 5		
Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5	Seed Type Ibs/acre Tall Fescue 40 Ladino Clover 5		
Area I Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5 Attach: Drawing(s) of road, location, pit and proposed area for land appli	Seed Type Ibs/acre Tall Fescue 40 Ladino Clover 5		
Area I Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5 Attach: Drawing(s) of road, location,pit and proposed area for land appli Photocopied section of involved 7.5' topographic sheet.	Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5		
Area I Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5 Attach: Drawing(s) of road, location, pit and proposed area for land appli	Seed Type Ibs/acre Tall Fescue 40 Ladino Clover 5		
Area I Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5 Attach: Drawing(s) of road, location,pit and proposed area for land appli Photocopied section of involved 7.5' topographic sheet.	Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5		
Area I Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5 Attach: Drawing(s) of road, location, pit and proposed area for land applied Photocopied section of involved 7.5' topographic sheet.	Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5		
Area I Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5 Attach: Drawing(s) of road, location,pit and proposed area for land appli Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Comments:	Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5		
Area I Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5 Attach: Drawing(s) of road, location,pit and proposed area for land appli Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Comments:	Area II Seed Type Tall Fescue Ladino Clover 5 Cation. Cation.		
Area I Seed Type lbs/acre Tall Fescue 40 Ladino Clover 5 Attach: Drawing(s) of road, location, pit and proposed area for land applied Photocopied section of involved 7.5' topographic sheet.	Seed Type lbs/acre 40 Ladino Clover 5		



Topo from State website for 47-007-01715, shaver # 3

RECEIVED
Office of Oil and Gas
MAR 2 6 2014

WV Depar 05/02/2014 Environmental Pr 2/24/2014



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

_{API:} 47-007-01715	WELL NO.: #3	
FARM NAME: A. Shaver		
RESPONSIBLE PARTY NAME: H	ayden & Harper KA, I	LC
	DISTRICT: Otter	3
QUADRANGLE: Burnsville 7		
SURFACE OWNER: Stephen		
ROYALTY OWNER: Stephen		
UTM GPS NORTHING: 429050		
UTM GPS EASTING: 525019.5		1334'
above well. The Office of Oil and Gas we the following requirements: 1. Datum: NAD 1983, Zone: 1 height above mean sea level 2. Accuracy to Datum – 3.05 n 3. Data Collection Method: Survey grade GPS xx : Post Proces	7 North, Coordinate Units: meters, (MSL) – meters.	
	e Differential	
Mapping Grade GPS: Post Pr	ocessed Differential	
Real-T	ime Differential	
4. Letter size copy of the topo I the undersigned, hereby certify this da belief and shows all the information req prescribed by the Office of Oil and Gas	juired by law and the regulations iss	ledge and
Signature C	Office Manager 2	Date 05/02/2014