

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

Thursday, November 21, 2019
WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

POCAHONTAS GAS LLC PO BOX 570

POUNDING MILL, VA 24637

Re:

Permit approval for 026102 47-047-02288-00-00

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.

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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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: 026102

Farm Name: ALAWEST, INCORPORATED

U.S. WELL NUMBER: 47-047-02288-00-00

Coal Bed Methane Well Plugging

Date Issued: 11/21/2019

Promoting a healthy environment.

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. 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.

WW-4B Rev. 2/01

1) Date	е			, 20)
2) Ope:	rator	's	_	1:00	
	l No.			6102	
3)API	Well	No.	47-	4.7-	07288

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

	APPLICATION FOR A PERMIT TO PLUG AND ABANDON
4)	Well Type: Oil/ GasX_/ Liquid injection/ Waste disposal/ (If "Gas, Production or Underground storage) Deep/ Shallow X
5)	Location: Elevation 1492 Watershed Clear Fork District Big Creek County MD Quadrangle Davy
6)	Well Operator Pocahontas Gus LIC 7) Designated Agent Chris Turner Address PO Box 570 Address I Energy Drive Poinding Mill, VA 24637 Jane Lew WV 2637
8)	Oil and Gas Inspector to be notified Name Rany Kennedy Address 66 Old Church Lane Pipestem, WV 25979 Pipestem, WV 25979 Vansant, VA 24631
10)	Work Order: The work order for the manner of plugging this well is as follows: See attached plugging procedures on May Page RECEIVED Office of Oil and Gas NOV 0 8 2019 Wy Department of Environmental Protection
	fication must be given to the district oil and gas inspector 24 hours before permitted can commence.

Work order approved by inspector When Kenned Date 11/1/19

API 47-047-02288 Plugging Procedure

Well # 026102

- 1. Pull 2-3/8" tubing and verify plugback TD with wireline. (Drill TD is 1208')
- 2. Trip 2-3/8" tubing back to fill level. Set plug of Class A 3% CaCl cement from established TD to approximately ½ the depth of the well bore. (Estimated 604') All tubing will be pulled and the cement plug will be allowed to set.
- 4. Run wireline to tag TOC. (Estimated 604')
- 5. Trip 2-3/8" tubing back to top of cement and pump 100' of 6% bentonite gel. Pull 3 joints of tubing out. Begin pumping Class A Neat cement from there to surface while pulling remaining 2-3/8" tubing. (6% gel 604'-504') (Neat cement 504'-surface)
- 6. Install 4-1/2" X 4' steel monument with API# and Date.

NOTES: A 100' gel spacer will be placed at approximately half the well depth.

All casing strings were cemented to surface during drilling operations.

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NOV 08 2019

WV Department of Environmental Protection ALK

WV Department of

Environmental Protection

WR-35 Rev (5-01)

Signed:

By:

Date:

DATE June 20, 2007 API#: 47-4702288

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

Farm name: Alawest, Inc.)perator	Well 1	No.: <u>026102</u>	
LOCATION: Elevation: 1492.63			Q	uadran	gle: <u>Davy</u>	
District: Big Creek		Con	mhn	Mat	D 11	
Latitude: 630 Feet South of 3	7 Deg	25	Min	ΔΛ	Dowell Sec.	
Longitude 3,580 Feet West of 8	1 Deg.	47	_ Min	30	Sec. Sec.	
	0		_ ^^			
Company Address:						
Dart Oil & Gas Corporation	Casin	%	Used	l in	Left in well	Cement fill
999 Executive Park Blvd, Suite 320	Tubin	-	drill			up Cu. Ft.
Kingsport, TN 37660	9 5/8	"		31'	31'	Drive Pipe
Agents Tools I - II - G	7"		28	31'	281'	to Surface
Agent: Jackle Lee Hatfield	4 1/2"			•	1148'	to Surface
Inspector: Barry Stollings	2 3/8"				1110'	10 Surface
Date Permit Issued: August 9, 2006				•		
Date Well Work Commenced: Nov 19, 2006 Date Well Work Completed: April 04, 2007						
				_		
Verbal Plugging: N/A Date Permission granted on: N/A	<u> </u>					
Rotary X Cable Rig X Total Depth (feet): 1208'						
Fresh Water Depth (ft.): 400'	<u> </u>					
Tresh Water Depth (It.): 400'						
Salt Water Depth (ft.): None						
Salt Water Depth (ft.): None						
Is coal being mined in area (N/Y)? N					·	
Coal Depths (ft.): N/A			•			
Total Depute (IL). 14/A			•			
•	1	- 1			1	
OPEN FLOW DATA: None available					·	
					•	
Producing formation Pennsylvanian Coals Gas: Initial open flow N/A MCF/d Oil	5	Pa	y zone	denth	(fl) See Page 2	of Miles
Gas: Initial open flow N/A MCF/d Oil Final open flow MCF/d Fi	: Initial o	pen f	ow	puz	Rhi/d	OI WK-32
Final open flow MCF/d Fi	nal open	flow		· D1	ol/d	
	inal tests			Hom		
Static rock Pressurepsig (surface	e pressure	afte	·r	_Hou	3	
Second producing formation					irs.	
	Pay	zone	depth	(ft)		
	mitial ope	n flo	UV		bl/d	
				Bb		
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MOLD, ON DACK OF THIS EODIE DESIGNATION						
INTERVALS, FRACTURING OR STIMULATING	S DRIAGO STROMIN	(U: 1)	. DETA	VILS O	F PERFORATED)
SUPPLEMENTAL Page #3: THE WELL LOG WISOLOGICAL RECORD OF ALL FORMATIONS IN	HICH IS A	SYS	TEMA	TIC DE	TAII PP	
COLOGICAL RECORD OF ALL FORMATIONS IN ELLBORE.	NCLUDIN	IG CO	AL EN	COIN	AUTED DA MA	Office of C
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Signed: E/_ // D	• •		T. 100		E.	Churc.

Edward K. Diminick, District Manager

21-

Farm Name:
Operation's Well#:
API#:

<u>Álawest, Inc.</u> 026102 47-4702288

DRILLER'S LOG

Compiled by:

Tom O'Neill, Geologist

				<u> </u>			
		General Lithology	Color	Top De	oth Bottom	Thickness	Remarks
Geologic Age	Formation'	Sandstone, Shale, Coal	5035	0 1	293		<u> </u>
Pennsylvanian	Lee	Coal		293	296.5	3.5	
Pennsylvanian	Lee .		·	296.5	356.5		
Pennsylvanian	Lee	Sandstone & Shale		356.5	364		
Pennsylvanian	Lee	Coal & Shale		364	412.5		
Pennsylvanian	Lee	Sandstone & Shale		412.5	414.5	2.0'	
Pennsylvanian .	Lee	Coal	<u> </u>	414.5	484.5		24
Pennsylvanian	. Pocahontas	Sandstone & Shale		484.5	485.5	1.0'	
Pennsylvanian .	Pocahontas	Coal	-		603		,
Pennsylvánian	Pocahontas	Sandstone & Shale	1	485.5	604.5	1.5'	
Pennsylvanian	Pocahontas	Coal		603	770.5	1	1
Pennsylvanian*	Pocahontas	Sandstone & Shale	4	604.5	773.5	3.0',	1
Pennsylvanian	Pocahontas	Coal *		770.5	893.5	3.0	1
Pennsylvanian	Pocahontas	Sandstone, Shale, Coal		773.5	1		4
Pennsylvanian Pennsylvanian	Pocahontas	Coal	1	893.5	897	<u> </u>	11.5
	Pocahontas	Sandstone, Shale, Coal.		897	998.5	2.0'	
Pennsylvanian	Pocahontas	Coal		998.5	1000.5	2.0	+
Pennsylvanian	Pocahontas	Sandstone & Shale		1000.5	1200	1	<u>'! </u>
Pennsylvanian.	1 Ocalionas			•	H. P.	• .	1

Dart Oil & Gas Corporation

(Company

Edward K. Diminick, District Manager

		State of West \	
		epartment of Environm	ental Protection
		Office of Oil &	k Gas
		Well Operator's Repor	t of Well Work
APH	47-47-02288	in No.	Alawest 026102
	e service and a service service of the service service service service service service service service service		
MAGIN	Saltainnie	Perforated Intervals	and Stimulation
n	. HA ARMI JEE	0 F(/ 0 b /	
	o #1 999' - 100		
Sand fra	ic w/ 9600# 20/4	0 Sand w/ 10# gel, 700	1 foam & 148,000 SCF N ₂
Dorf Doo	- 42 002 ET 0	96.5' w/ 18 holes	
			Q foam & 237,000 SCF N ₂
Sallu II a	C W/ 20,500# 20	740 Saliu W/ Ton gel, 70	& TOBIN & 237,000 301 142
Perf Poc	o # 4 770.5' - 7	73.5' w/ 15 holes	
·		· · · · · · · · · · · · · · · · · · ·	Q foam & 238,000 SCF N ₂
Perf Poc	o#7 603' - 604	l.5' w/ 9 holes	
Sand fra	c w/ 13,400# 20	/40 Sand w/ 10# gel, 70	Q foam & 138,000 SCF N₂
O C P!	Creek 412 5' -	414.5' & Beckley #1 36	3' - 364' w/ 18 holes total
			Q foam & 89,000 SCF N ₂

	026102	
	026102 47-047-02288 P	
	06.11 0 - 1	
	95/8" @ 31'	
	7" @ 281 CTS	
	41/2 "@ 1148 CTS	
	23/2" @ 1110'	
	DTD @ 1208'	
	Bottom Perf 998.5'-1000.5' Pocahontes Formation	
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Pe	WV Department of Environmental Protection	

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WW-4A Revised 6-07

NOV 08 2019

1) Date:
2) Operator's Well Number
26 10 2

WV Department of Environmental Protection

3) API Well No.: 47 -

47 - 02288

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

	Coal Operator
(a) Name Alamest Inc	Name
Address Po Box 920	Address
WELEH, WV 24801	
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name Alamost, Inc
	Address Po Box 920
	Wolch, WV 24801
(c) Name	Name
Address	Address
	State of Sta
C) In an action	(c) Coal Lessee with Declaration
6) Inspector Gary Kennedy Address 6/2 Old Cl. 1 / 4.2	Name
Address 66 Old, Church Can	\[\lambda \] \[
Pipesten, NV 259	79 ^{Address}
Telephone 304.382.8402	
TO THE PERSONS NAMED ABOVE: You s	hould have received this Form and the following documents:
	m WW-4B, which sets out the parties involved in the work and describes the
well its and the plugging work order; and	E. WILL C
(2) The plat (surveyor's map) showing the well location of	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 side.
However, you are not required to take any action at all.	
Take notice that under Chanter 22 6 of the West Virginia Code th	as undersigned well engester proposes to file or has filed this Notice and Application and
accompanying documents for a permit to plug and abandon a well	ne undersigned well operator proposes to file or has filed this Notice and Application and with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental
	e attached Application and depicted on the attached Form WW-6. Copies of this Notice,
	certified mail or delivered by hand to the person(s) named above (or by publication in
certain circumstances) on or before the day of mailing or delivery to	o the Chief.
	0 1 1 0 116
Well Operator	Porchontas Gus LLC
By:	May Dith mis
BEVERLY A. WEBB Its: Address	OiAsst. Startary
BEVERLY PUBLIC NOTARY PUBLIC NOTARY PUBLIC Address	PO BOX 570
NOTARY POBLIS Address Commonwealth of Virginia	Poundres Mill, VA 24637
Reg. #7502381 Telephone	
Commonwealth Of Vis Reg. #7502381 My Commission Expires June 30, 3023 Telephone	
The state of the s	
Subscribed and sworn before me this day of	of October 2019
	Notary Public
My Commission Expires (230)	Notary Public

Oil and Gas Privacy Notice

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 depprivacyoffier@wv.gov.

WW-9 (5/16)

RECEIVED Office of Oil and Gas

API Number 47 - 47 - 02288
Operator's Well No. 26/02

NOV 08 2019

STATE OF WEST VIRGINIA

WV Department of

DEPARTMENT OF ENVIRONMENTAL PROTECTION

OFFICE OF OIL AND GAS

Environmental Protection FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Additives to be used in drilling medium? Drill cuttings disposalmethod? Leave in pit, landfill, removed offsite, etc. -If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) -Landfill or offsite name/permit number? Permittee shall provide written notice to the Office of Oil and Cas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed. I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Cas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on thi application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtainin the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine-or imprisonment. Company Official Signature Company Official Title Assilone Agree 47502381 Subscribed and swom before me this Agrae day of October Beventy A, WEBB NOTARY PUBLIC	Operator Name	Powehentar Gas	LLC (DP Code 49452085	8
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No If so, please describe anticipated pit waste: Will a synthetic liner be used in the pit? Yes No If so, what mil.? Proposed Disposal Method For Treated Pit Wastes: Land Application (if selected provide a completed form WW-9-GPP) Underground Injection (UIC Permit Number Number Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain WW-9 for disposal location) Other (Explain Site Disposal (Supply form WW-9 for disposal location) Other (Explain Mw-9 for disposal location) Other (Explain Mw-9 for disposal location) To find based, what type? Synthetic, petroleum, etc. Additives to be used in drilling medium? Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. It left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Landfill or offsite name/permit number? Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any west-Vinginia solid waste facility. The notice is hall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed. I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT is sued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Wolations of any term or condition of the general permit and/orotton submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for o btainin the information. I believe that the information is true, accurate, and complete. I am aware that there are significant penalities for submitting false information, including the possibility of fine-or-imprisonment. Company Official Signature May	Watershed (HUC 10) 8	05070201	Quadrangle	DAWY	
If so, please describe anticipated pit waste: Will a synthetic liner be used in the pit? Yes					
Proposed Disposal Method For Treated Pit Wastes: Land Application (if selected provide a completed form WW-9-GPP) Winderground Injection (UIC Permit Number Reuse (at API Number Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain Will closed loop systembe used? If so, describe: JES Stud Flow book function Will closed loop systembe used? If so, describe: JES Stud Flow book function Will closed loop systembe used? If so, describe: JES Stud Flow book function Will closed loop systembe used? If so, describe: JES Stud Flow book function Will closed loop systembe used? If so, describe: JES Stud Flow book function Will closed loop systembe used? If so, describe: JES Stud Flow book function Will closed loop systembe used? If so, describe: JES Stud Flow book function JES STUD Function JES	Will a pit be used? Yes	No No			
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-If oil based, what type? Synthetic, petroleum, etc	Will closed loop systembe	e used? If so, describe:	stuel flor	book fants	DIR
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Permittee shall provide written notice to the Office of Oil and Cas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed. I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Cas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on thi application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine-or-imprisonment. Company Official Signature May Bay Bay May Calothia Company Official Title Assignment Agy Bay May Official Title Secvetary Subscribed and swom before me this Agy Bay of October Beverry Public Noter/Fielder of Virginia	-If left in pit and p	olan to solidify what medium will b	be used? (cement, lime,	sawdust)	
West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed. I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on thi application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for o btaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. Company Official Signature Company Official Title Assi Secretary Subscribed and sworn before me this Office and office	-Landfill or offsite	e name/permit number?			
on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on thi application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtainin the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties fo submitting false information, including the possibility of fine-or imprisonment. Company Official Signature Company Official (Typed Name) Mary Both McGlothin Subscribed and sworn before me this 39th day of October Beventy A. Webb Notary Public Notary Revertification of Virginia Reg. #7502381	West Virginia solid waste	facility. The notice shall be provide	ed within 24 hours of rej	ection and the permittee shall a	
Beverly A. Webb NOTARY PUBLIC Notary in the Wealth of Virginia Reg. #7502381	on April 1, 2016, by the O provisions of the permit are or regulation can lead to er I certify under pe application form and all att the information, I believe submitting false informatio Company Official Signatur Company Official (Typed	office of Oil and Gas of the West Vice enforceable by law. Violations of inforcement action. The enalty of law that I have personal tachments thereto and that, based of that the information is true, accumply including the possibility of fine the many body. The many body.	Virginia Department of It fany term or condition of any term or condition of any term or condition of any inquiry of those in trate, and complete. I are conjumptisonment.	Environmental Protection. I und of the general permit and/or other amiliar with the information sudividuals immediately responsion aware that there are signification.	derstand that the er applicable law ubmitted on this lible for obtaining
		Bendtrell		NOTARY PUBLIC Notary Hunlicalth of Virginia	1

Operator's Well No. 26 102

Proposed Revegetation Treatment: Acres Disturbed	2.0	Preveg etation pH	6-5
Lime bused on pH Tons/acre or to correc	t to pH	-	
Fertilizer type 10-20-20			
Fertilizer amount 550	lbs/acre		
Mulch_ 2	_Tons/acre		
	Seed Mixtures		
Temporary		Permanent	
Seed Type lbs/acre		Seed Type	lbs/acre
Orchard grass 25			
Bridatoxt trefoil 15			
lindo clover 10			
L, W), and area in acres, of the land application area. Photocopied section of involved 7.5' topographic sheet.			
Plan Approved by: Hung Kenn	- L		
Comments:			
		,	
	26		
			RECEIVED
			Office of Oil and Gas
			NOV 0 8 2019
			W/ Department of
Title: 1 1500 ctar	Date	,	W/ Department of
Field Reviewed? (6) Yes (Date:	11/7/19	W// Department of

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API Number 47 -	4	7 -	0	228	84
Operator's Well N	o	26	10	2_	_

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

Operator Name: Pocahontas Gus LLC	
Watershed (HUC 10): 05070201	Quad: DAVY
Farm Name: Alawast, Inc	
List the procedures used for the treatment and discharge of fluids groundwater.	s. Include a list of all operations that could contaminate th
all produced fluids via	ill be circulated and who tank, all fluids
will than he transported and approved UK well.	disposed of in an
approved une well.	
2. Describe procedures and equipment used to protect groundwater q	
a circulating head will be with a flow live to transp	les bluids to temporar
storage tank.	
 List the closest water body, distance to closest water body, and discharge area. 	distance from closest Well Head Protection Area to the
Closest water is Clear Fo	
east. 3 miles to nearest 4	VHP area.
Summarize all activities at your facility that are already regulated f	for groundwater protection.
NA	RECEIVED Office of Oil and Gas
	NOV 0 8 2019
	WV Department of Environmental Protection

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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API Number 47 -	4	7 -	0	2288	3
Operator's Well No).	26	10	2	

N/A	

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

all maste material will be properly disposed of in an approved UIC well.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

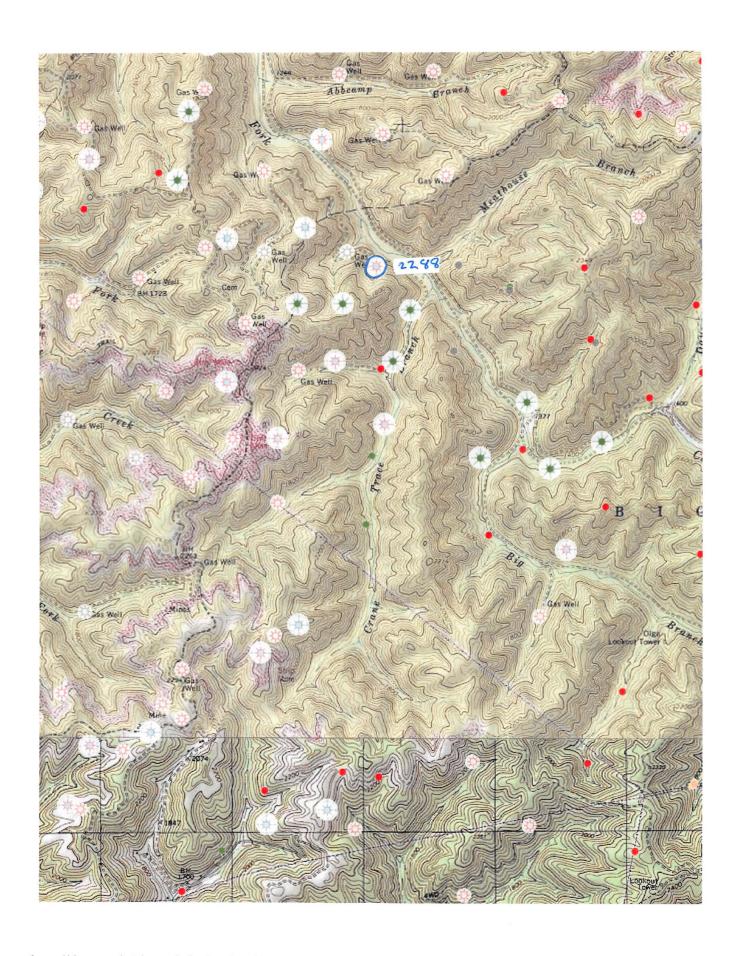
Hazard Training for all workers includes environmental compliance and grandwater protection severew sections

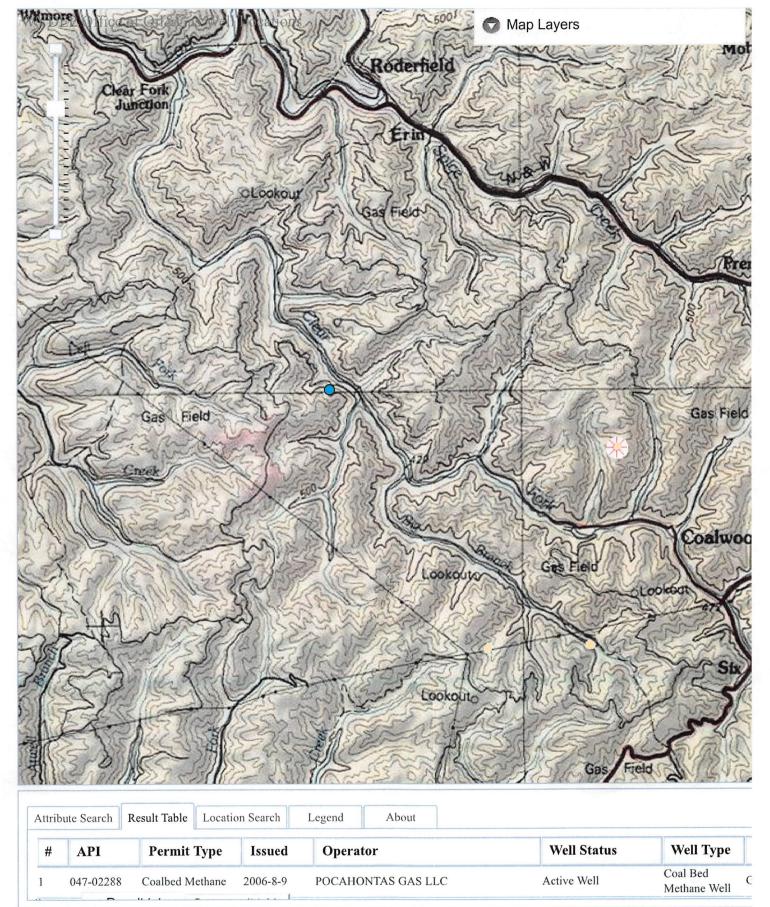
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

all sowice provides and workers will inspect all equipment on a daily basis and before each work shift.

Signature:			

Date:





SIAL .



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-047-02288 WELL NO.: 26/02					
FARM NAME: Alamest, Inc					
FARM NAME: Alamest, Inc RESPONSIBLE PARTY NAME: Pacahontus Gas LLC COUNTY: Mc Dowell DISTRICT: Big Creek					
COUNTY: Mc Domell DISTRICT: Biz Creek					
QUADRANGLE: DAVY SURFACE OWNER: Ala mest, Inc. ROYALTY OWNER: Ala mest, Inc.					
ROYALTY OWNER: Alamost, Inc.					
UTM GPS NORTHING: 4140258 N					
UTM GPS EASTING: 437137.06 M GPS ELEVATION: 1500					
The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements: 1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters. 2. Accuracy to Datum – 3.05 meters 3. Data Collection Method: Survey grade GPS: Post Processed Differential					
Real-Time Differential NOV 0 8 2019					
Mapping Grade GPS <u>×</u> : Post Processed Differential <u>WV Department of Environmental Protection</u> Real-Time Differential <u>X</u>					
4. Letter size copy of the topography map showing the well location. I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.					
Signature Title Date					