

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

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Friday, February 5, 2021 WELL WORK PLUGGING PERMIT Vertical Plugging

MYERS DRILLING CO. 5600 SHAWNEE DRIVE

HUNTINGTON, WV 25705

Re: Permit approval for 1 47-099-00760-00-00

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: 1 Farm Name: PYLES, O. S. U.S. WELL NUMBER: 47-099-00760-00-00 Vertical Plugging Date Issued: 2/5/2021

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</u> 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.

W-4	в	1) Date December 7, 20 20
	2/01	2)Operator's
		Well No. Pyles#1
		3) API Well No. 47-000 -00760P
		099-00760
	STAT	E OF WEST VIRGINIA
		F ENVIRONMENTAL PROTECTION ICE OF OIL AND GAS
	APPLICATION FOR	A PERMIT TO PLUG AND ABANDON
4)	Well Type: Oil / Gas X /	Liquid injection/ Waste disposal/
	(If "Gas. Production	or Underground storage) Deep/ ShallowX
	(== 000, ==00000000000000000000000000000	
51	Location: Elevation 690	Watershed Twelve Pole Creek
21	District Union	County Wayne Quadrangle Lavalette
	DISTIGL _ OMON	country where a final second seco
~	Well Operator Myers Drilling Co.	7)Designated Agent John Dial
6)	Well operator Agelo Shawaa Drive	Address Same
	Address 5600 Shawnee Drive	
	Huntington, WV 25705	
	Oil and Gas Inspector to be notif	and Alplugging Contractor
8)		Name Unknown
	Name Terry Urban	
	Address PO Box 1207	Address
	Clendenin, WV 25045	

10) Work Order: The work order for the manner of plugging this well is as follows:

See attached procedure Operator to Cover with Cement's Displace With 6% Cill Porey Prep Elevation, Coals & Watk RECEIVED

Office of Oil and Gas

DEC 1 6 2020

WV Department of Environmental Protection

Unter 12/5/20

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector

Date

K R

WV Department of

Myers Drilling Company

O.S. Pyles #1 Wayne County 47-099-00760 Elevation 690' TD 2986'

3045' 2" LEFT IN WELL

PACKER SET @ 2236.

Casing Schedule: 10 3/4" 24' 8 5/8" 212' 65 2178'

Coal: None reported None reported on offset wells

Water: None reported

Oil: None reported

Gas: None Reported

*6% gel will be used between all cement plugs

- 1) Notify State Inspector Terry Urban 304-549-5915 48 hrs before commencing plugging ops.
- 2) MIRU. Pull 1" siphon string.

PACKER \$ 2236

3) RIH w/ wireline, check TD and locate packer. Attempt to release/pull 2 3/8" tubing and packer.

- OPEN HOLE. 3a) GEL
- 4) If unable to pull packer, contact State inspector for approval to shoot off tubing at packer and RECEIVED pull. Office of Oil and Gas
- 5) TIH w/ tubing. Pump 30 bbls of 6% gel. Set 100' cement plug above packer. Let cement set. DEC 1 6 2020 Tag TOC, add cement if needed.
- 6) TIH w/ tubing to 2228'. Pump 20 bbls of 6% gel. Set 100' plug from 2228' to 2128' covering (vironmental Protection 5/8" casing seat. TOOH w/ tubing.
- 7) Free-point and shoot off 6 5/8" casing at free-point. Pull casing.
- 8) TIH w/ tubing to 50' below casing cut. Set 100' cement plug 50' in and out of casing cut.

Muy is Mul 12-5:20

- 9) TOOH w/ tubing to 1370'. Pump 35 bbls of 6% gel. Set 100' cement plug from 1370' to 1270' covering the Big Lime.
- 10) TOOH w/ tubing to 690'. Pump 25 bbls of 6% gel. Set 100' cement plug from 690' to 590' covering elevation.
- 11) TOOH w/ tubing to 262'. Set 100' cement plug cover 8 5 /8" casing seat.
- 12) TOOH w/ tubing. Attempt to shoot off 8 5/8" casing @ TOC. If unable to pull, perforate casing @ 200', 150, and 100'.
- 13) TIH w/ tubing. Circulate Class A Cement to surface.
- 14) TOOH w/ tubing. Top off well. Set monument to West Virginia DEP Specs including API number affixed.

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Mary	ndit						•••••		
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Drilling complete	/27/5300	June 26,		· · <u>· · · · · · · · · · · · · · · · · </u>		<u>3045 ft</u>	Perf. bot		•
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• NOTICE OF PROPOSED LOCATION OF OIL AND GAS WEL

To THE DEPARTMENT OF MINTS, Charleston, W. Va.

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	THE COAL OWNER			NAME OF WELL OPENATOR	
Huntington	Aspense	1. VA.		COMPLETE ADDRESS	
• • •	L .		1	April 28th	19.51
COAL OF	TRAYOR DE COAL OWNER			PROPOSED LOCATION	-
			<u> </u>	Union	District
0.S.Pyles	ADGRESS			Wayne	County
0.0.19208			Well No.	2 - 51°75'	
Huntington.	R.D. # 3		Well MO.	0.S.Pyles	Farm
GENTLEMEN :	a tanàna mandritra. Ny INSEE dia mampina mandritra mandritra dia mandritra dia mandritra dia mandritra dia mandritra dia mandritra				, ,

The undersigned well operator is estilled to drill upon the above named farm or tract of faul for .

oil and gas, having foe title thereto, (or as the case may be) under grant or lease dated Oot.27th, 1948 - made by O.S.Pyles.

,		B.H.Adkin				and recorded on the	ds7
۰.				in	the soffice of the	Doubty Clerk for said	Conner in
	· · · ·		÷	•	- 24 (3. 87).	·····	-

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator of the farm and in the fragisterist District and County above named, determined by survey and courses and distances from two permanent points, or land marks

The undersigned well operator is informed and believes there are no coal perators operating beds of coal beneath said farm or bract of land on which said well is located; or within 600 feet of the bound-aries of the same, who have mapped their workings and filed their maps as required by law, excepting the and operatory or coal emons (if any) above named as addresses.

The above named coal optimizers or cost owners (if say) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective cond mines, must be received by, or filed with the Department of Mines within the days from the receipt of a copy of this notice and accompanying gist by usid Department. Said coal operators are 's after making that forms for use in making such objections will be forminded to them, by the Department of Mines promptly on request and that ill much objections must set forth as definitely as is reasonably possible the ground or grounds in which such objections must set forth as definitely as is reasonably possible the promptly out and be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this million and the antiened plat seen untited by negletered mail, or delivered to the above named coal operators or soal owners at their above above respectiveseddroff before, day. or on the same day with the maining or delivery of this copy to the Department of Mines at Charleston, West Virginia.

	Very truly yours,	
	R.H.Adkins	
ATT23732	THE GPERATOR	
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	West Virginia.	•
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id by the de within said po . foi ont of mines department the depa and plat by the department of mines, to m operator a drilling permit reciling the fit-is the location, or found thereto by the d location, 2 that t

WAY-760 PERMIT NORMER

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. DEC 16 2020

WV Department of Environmental Protection

DEDEWER

WW-4A Revised 6-07

1)	Date:	December 7, 2020	
2)	Operato	r's Well Number	
Pyles	s #1		

3) API Well No.: 47 -099 00760P

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4)	Surface Owner(s) to be served:		5) (a) Coal Operator	
	(a) Name	Amos Simmons	Name	None
	Address	94 Evamae Lane	Address	
		Huntington, WV 25701-6469		
	(b) Name		(b) Coal Own	ner(s) with Declaration
	Address		Name	None
			Address	
	(c) Name		Name	
	Address		Address	
6)	Inspector	Terry Urban	(c) Coal Less	see with Declaration
	Address	PO Box 1207	Name	None
		Clendenin, WV 25045	Address	
	Telephone	304-549-5915		

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- The application to Plug and Abandon & We!! on Form WW-4B, which sets out the parties involved in the work and describes the (1)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 side. 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 and accompanying documents for a permit to plug and aba: don a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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 in certain circumstances) on or before the day of the iling or delivery to the Chief.

		~		Office of Oil and Gas
	Weil Operator By:	Myers Drilling Company	A.1	DEC 1 6 2020
OFFICIAL SEAL STATE OF WEST VIRGINIA NOTARY PUBLIC	Its: Address	Owner 5600 Shawnee Drive		www.uppartment.of
The second of the mondal the second of the s		Huntington, WV 25705		Environmental Protection
724 Sycamore Creek Road Genoe WV 25517 My commission expires Jan 13 2022	Telephone	304-416-2126		
Subscribed and sworn before me th	is 7th as	ay of December	2020	
Allit All	10		Notary Public	
My Commission Expires	asut 12th	9099		

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 informatics, may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions bout our use of your personal information, please contact DEP's Chief Privacy Officer at <u>depprivacyofficer@wv.gov</u>.

SURFACE OWNER WAIVER

Operator's Well Number

Pyles #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

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Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, WV 25304 (304) 926-0450

DEC 1 6 2020

WV Department of Environmental Protection

<u>Time Limits and methods for filing comments.</u> The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

<u>Comments must be in writing</u>. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You risy add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit a_{2} it is issued or a copy of the order denying the permit, you should request a copy from the Chief

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW 4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on these materials

FOR EXECUT	ION BY A N	ATURAL	PERSON	
ETC.				
1	0		. ×	

FOR EXECUTION BY A CORPORATION,

Date

ar	nos Semmons	Date	12-10-20 Name	
	Signature		By	
			Its	Date

Signature

47-099-00760 API No.

Well No.

Farm Name

Pyles #1

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24. Article 6. Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging pormit.

. . . .

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DEC 16 2020

WAIVER

WV Department of Environmental Protection

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations. and a state grap

Date:

ŝ

By:

W	W-9
(5/	16)

W W -9	
(5/16)	API Number 47 - 099 _ 00760P Operator's Well No
DEPARTMENT OF	TE OF WEST VIRGINIA DF ENVIRONMENTAL PROTECTION FICE OF OIL AND GAS & DISPOSAL & RECLAMATION PLAN
Operator Name Myers Drilling Company	OP Code 307987
Watershed (HUC 10) Twelve Pole Creek	
Do you anticipate using more than 5,000 bbls of water Will a pit be used? Yes No	
	Will use small metal tank and haul off contents
Will a synthetic liner be used in the pit? Yes	No If so, what ml.?
Proposed Disposal Method For Treated Pit Wa	astes:
Underground Injection (UI Reuse (at API Number	d provide a completed form WW-9-GPP) C Pernut Number)
	orm WW-9 for disposal location)
Will closed loop system be used? If so, describe:	
Drilling medium anticipated for this well (vertical and	horizontal)? Air, freshwater, oil based, etc
	, etc. Office of Oil and Gas
Additives to be used in drilling medium?	DEC-1 6 2020
Drill cuttings disposal method? Leave in pit, landiill, r	emoved offsite, etc
-If left in pit and plan to solidify what medium	
-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 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 o 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 lav. 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 this 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 In Tolla	
Company Official (Typed Name) Jenny L. Diele	
Company Official Title flessment	
Subscribed and sworn before me this 34 day of O	2 Lember , 20 JU
Ill In Ald	STATY PUDIC OFFICIAL SEAL
My commission expires Energy 13, 2022	STATE OF WEST VIRGINIA NOTARY PUBLIC
	Teshonda Lynn Holland 724 Sycamore Creek Road Gence WV 25517 My commission expires Jan 13 2022

Operator's Well No. Pyles #1

posed Revegetation Treatm	Tons/acre or to correct			
Fertilizer type 10-20				
Fertilizer amount 500		ibs/acre		
Mulch hay/straw		Tons/acre		
WINCH				
		Seed Mixtures		
Tem	porar y	Perman	Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre	
contractors Mix	100	Contractors Mix	100	
ps(s) of road, location, pit a vided). If water from the p W), and area in acres, of th	it will be hind applied, provide a land application area.	application (unless engineered plans includ vide water volume, include dimensions (L,	ing this info have been W, D) of the pit, and din RI Office	
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Form WW-9

W W -9- GPP Rev. 5/16

Page <u>i</u> of <u>2</u> API Number 47 - 099 - 00760P

Operator's Well No.

Quad: Lavalette

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

Operator Name: Myers Drilling Company

Watershed (HUC 10): Twelve Pole Creek Farm Name: Pyles / Simmons

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

There will be no fluids treated and/or discharged with the plugging of this well. Fluids brought to surface during plugging will be contained in metal tank. Any accidental spillage or leakage from any equipment will be immediately remedied. Will contact the OII and Gas Inspector.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

Fluids brought to surface during plugging will be contained in metal tank. Any accidental spillage or leakage from any equipment will be immediately remedied.

 List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Camp Creek is approximately 1 mile away. No discharge from the plugging of this well. RECEIVED

DEC 1 6 2020

WV Department of Environmental Protection

4. Summarize all activities at your facility that are already regulated for groundwate: protection.

Tanks on site to hold any fluids Spill cleanup and reporting

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

WW-9- GPP Rev. 5/16 Page ______ of _____ API Number 47 - _____-Operator's Well No.

I am not aware of any groundwater quality data for this site or adjacent property.

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

No waste material will be used for fill or deicing on this well site.

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.

Have on site safety and information meeting before daily plugging operations begin. Discuss spill prevention Discuss spill cleanup Keep spill hotline number on site and stay in contact with the Oil and Gas Inspector. RECEIVED Office of Oil and Gas DEC 1 6 2020 WV Department of Environmental Protection

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

Visual inspections of the elements and equipment will be conducted during the plugging of this well.

Signature:

Date:



	ent of Environmental Protection of Oil and Gas
WELL LOCA	ATION FORM: GPS
API: 47-099-00760P	WELL NO.: Pyles #1
FARM NAME: OS Pyles	
RESPONSIBLE PARTY NAME: M	yers Drilling Company
	DISTRICT: Union
QUADRANGLE: Lavalette	A
SURFACE OWNER: Arnos Sin	nmons
ROYALTY OWNER:	
UTM GPS NORTHING: 374269	.6
4246260	9 CPS ELEVATION: 693

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 1953, Zone: 17 North, Coordinate Units: meters, Altitude: height above man sea level (MSL) meters.
- 2. Accuracy to Datum 3.05 meters
- 3. Data Collection Method:

Survey grade GPS _____ Post Processed Differential

Real-Time Differential

Mapping Grade GPS X ___: Post Processed Differential ____

Real-Time Differential X

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

RECEIVED Office of Oil and Gas

DEC 1 6 2020

WV Department of Environmental Protection 11/10/2016

PLUGGING PERMIT CHECKLIST

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Plugging Permit		
WW-4B		
WW-4B signed by inspector		
₩W-4A		
SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OF MAIL	CERITFIED	
COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION	WAS SENT	
WW-9 PAGE 1 (NOTARIZED)		
WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land	application	
WW-9 GPP PAGE 1 and 2 if well effluent will be land applied		
RECENT MYLAR PLAT OR WW-7		
WELL RECORDS/COMPLETION REPORT		
TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED		
MUST HAVE VALID BOND IN OPERATOR'S NAME	RECEIVED	
CHECK FOR \$100 IF PIT IS USED	Office of Oil and Gas	
	DEC 1620 20	

WV Department of Environmental Protection