

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 <u>www.dep.wv.gov</u>

Thursday, August 23, 2018
WELL WORK PLUGGING PERMIT
Vertical Plugging

ROSS AND WHARTON GAS COMPANY, INC. RT. 5, BOX 29

BUCKHANNON, WV 262010000

Re: Permit approval for Warder West 47-007-00609-00-00

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: Warder West Farm Name: FRED WEST

U.S. WELL NUMBER: 47-007-00609-00-00

Vertical Plugging
Date Issued: 8/23/2018

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 Augus	,	20 18		
2) Operator	s			
Well No.	Warder	West		
3) API Well	No.	47 - 007		- 00609

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

	(If "Gas, Production or Und	derground Storage	
5)	Location: Elevation 912'	Watershed Bull Ru	un
	District Otter	County Braxton	Quadrangle Cedarville
6)	Well Operator Ross & Wharton Gas Co. Inc.	7)Designated Ag	ent Mike Ross
	Address 354 Morton Ave.		ess P.O. Box 219
	Buckhannon, WV 26201		Coalton, WV 26257
3)	Oil and Gas Inspector to be notified Name Danny Mullins		ractor R Well Service
	Address 220 Jack Acres Rd.	Address 2	12 Lynch Ridge
	Buckhannon, WV 26201	V	Walton, WV 25286
1	Work Order: The work order for the manner Free point and recover casing's & tube 6% Gel between plug's Set cement plug 1735' to TD (2025')	ular's Plug 100' abov	
	Free point and recover casing's & tube 6% Gel between plug's Set cement plug 1735' to TD (2025') Set 100' cement plug across casing cubet cement plug 1450' to 1650' (Lime, Set cement plug 620' to 920' (salt bea	ular's Plug 100' abov ut Blue Monday) aring strata) and	ve top perf and gas/oil shows d gas show and 8"
	Free point and recover casing's & tube 6% Gel between plug's Set cement plug 1735' to TD (2025') Set 100' cement plug across casing consecutive set cement plug 1450' to 1650' (Lime, Set cement plug 620' to 920' (salt beaset cement plug 256' to surface, (10"caset cement plug 256')	ular's Plug 100' abov ut Blue Monday) aring strata) and	ve top perf and gas/oil shows d gas show and 8" hwater protection plug
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STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Permit No	- BRAY			400000			Gas Well (KIND)	
Address 4403	Centre Ave	Works Comp	urgh, Pa.	Casing and Tubing	Used in Drilling	Left in Well	Packers	
Farm Wards Location (waters). Well No.	er West Bull Rur 1		Elev. 912	Size	18'	18	Kind of Packer None	
		Country	West	13	2061	206	Size of	
The surface of tra 228 E. Phila	ct is owned in	fee by Youngs	town, Ohio	814	673*	0	Size of	
Mineral rights are			& Daisy West	65%	1785'	0	Depth set	
Mineral rights are	A A	ddresssame	above	83576K 42H	20251	2025		5 h
Drilling commence	ed	4/28/65	9 ()	3			Perf. top	5
Drilling completed	1	6/3/65		K 1"	1988*	1988	Perf. bottom	*
Date Shot	From	Т		Liners Used			Perf. top	
With							Perf. bottom	
Take and the same of the same			Inch					
			Inch			SIZE 45	No. Ft. 1600 Date	
Rock Pressure			Cu. Ft.	6/4/65 -	80 sks.			
Rock Pressure			bbls., 1st 24 hrs.	COAL WAS E	NCOUNTERE	AT	FEETINCHES	
WELL ACIDIZEI					TINC		FEETINCHÉS	
				FEE	T INC	HES	FEET INCHES	
WELL PRACTIL	RED 6/9/6	5 Dowell, T	wo Allison, 1	000. gal. ac	1d, 30M 20	x 40 sand	i, broke 1200#,	
ave. press.	1600#, ave	. inj. 32 B	PM, 600 BBL.	water.				
RESULT AFTER	TREATMEN	500M						
ROCK PRESSUR			10# - 12½ hrs				*	
			10# - 12½ hrs 90°	Salt Water			eet	
ROCK PRESSUR	E AFTER TR	EATMENT6			Oil, Gas or Water			
ROCK PRESSUR Fresh Water Formation	hole full	EATMENT 6	90°	_Salt Water	Oil, Gas	F		
ROCK PRESSUR Fresh Water	hole full	EATMENT 6	901	_Salt Water	Oil, Gas	F		
Fresh Water Formation Conductor Sand Slate	hole full	EATMENT 6	90° Top 0 18 40	Bottom 18 40 80	Oil, Gas or Water	Dept	h Remarks	
Fresh Water Formation Conductor Sand Slate Send	hole full	EATMENT 6	Top 0 18 40 80	Bottom 18 40 80 100	Oil, Gas	F	h Remarks	
Fresh Water Formation Conductor Sand Slate Sand Red Rock	hole full	EATMENT 6	90° Top 0 18 40 80 100	Bottom 18 40 80 100 198	Oil, Gas or Water	Dept	h Remarks	
Fresh Water Formation Conductor Sand Slate Send	hole full	EATMENT 6	Top 0 18 40 80	Bottom 18 40 80 100	Oil, Gas or Water	Dept	h Remarks	
Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Blue Slate	hole full	EATMENT 6	Top 0 18 40 80 100 198 210 215	Bottom 18 40 80 100 198 210 215 230	Oil, Gas or Water	Dept 90°	h Remarks	
Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Blue Slate Red Rock Blue Slate	hole full	EATMENT 6	Top 0 18 40 80 100 198 210 215 230	Bottom 18 40 80 100 198 210 215 230 250	Oil, Gas or Water	Dept 90°	h Remarks	
Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Blue Slate Red Rock Sand-Lime	hole full	EATMENT 6	Top 0 18 40 80 100 198 210 215 230 250	Bottom 18 40 80 100 198 210 215 230 250 305	Oil, Gas or Water	Dept 90°	h Remarks	
Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Blue Slate Red Rock Blue Slate	hole full	EATMENT 6	Top 0 18 40 80 100 198 210 215 230	Bottom 18 40 80 100 198 210 215 230 250	Oil, Gas or Water	Dept 90°	h Remarks	
Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Blue Slate Red Rock Sand-Lime Red Rock	hole full	EATMENT 6	Top 18 40 80 100 198 210 215 230 250 305 345 355	Bottom 18 40 80 100 198 210 215 230 250 305 345	Oil, Gas or Water	Dept 90°	h Remarks	
Fresh Water Formation Conductor Sand Slate Send Red Rock Blue Slate Red Rock Blue Slate Red Rock Slate Red Rock Slate Red Rock Sand-Lime Red Rock Slate Red Rock Slate	hole full	EATMENT 6	Top 0 18 40 80 100 198 210 215 230 250 305 345 355 380	Bottom 18 40 80 100 198 210 215 230 250 305 345 355 380 400	Oil, Gas or Water	Dept 90°	h Remarks	
Fresh Water Formation Conductor Sand Slate Send Red Rock Blue Slate Red Rock Blue Slate Red Rock Slate Red Rock Sand-Lime Red Rock Slate Red Rock	hole full	EATMENT 6	Top 0 18 40 80 100 198 210 215 230 250 305 345 345 355 380 400	Bottom 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425	Oil, Gas or Water	Dept 90°	h Remarks	
Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Slue Slate Red Rock Sand-Lime Red Rock Slate	hole full	EATMENT 6	Top 0 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425	Bottom 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425 445	Oil, Gas or Water	Dept 90°	h Remarks	
Fresh Water Formation Conductor Sand Slate Send Red Rock Blue Slate Red Rock Blue Slate Red Rock Slate Red Rock Sand-Lime Red Rock Slate Red Rock	hole full	EATMENT 6	Top 0 18 40 80 100 198 210 215 230 250 305 345 345 355 380 400	Bottom 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425	Oil, Gas or Water	Dept 90°	h Remarks	
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Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Blue Slate Red Rock Blue Slate Red Rock Blue Slate Sand Dark Slate Red Rock Blue Slate Red Rock Blue Slate	hole full	EATMENT 6	90° Top 0 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425 445 480 490 510	Bottom 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425 445 480 490 510 550	Oil, Gas or Water	Dept 90°	h Remarks	RECEIVED
ROCK PRESSUR Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Blue Slate Red Rock Sand-Lime Red Rock Slate Red Rock Blue Slate Sand Dark Slate Red Rock Blue Slate Sand	E AFTER TR hole full Color	EATMENT 6	90° Top 0 18 40 80 100 198 210 215 230 250 305 345 345 355 380 400 425 445 480 490 510 550	Bottom 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425 445 480 490 510 550 555	Oil, Gas or Water	Dept 90°	h Remarks	RECEIVED ce of Oil and Ga
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ROCK PRESSUR Fresh Water Formation Conductor Sand Slate Sand Red Rock Blue Slate Red Rock Blue Slate Red Rock Blue Slate Sand Dark Slate Sand Slate Limma Dark Slate	E AFTER TR hole full Color	EATMENT 6	90° Top 0 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425 445 480 490 510 550 550 560 570	Bottom 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425 445 480 490 510 550 560 570 585	Oll, Gas or Water	Popt 90'	h Remarks	RECEIVED Ge of Oil and Ga
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Fresh Water Formation Conductor Sand Slate Send Red Rock Blue Slate Red Rock Blue Slate Red Rock Blue Slate Sand Dark Slate Red Rock Blue Slate Sand Dark Slate Red Rock Blue Slate Sand Slate Limm Dark Slate Gritty Lime	Color Color	EATMENT 6	90° Top 0 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425 445 480 490 510 550 550 560 570	Bottom 18 40 80 100 198 210 215 230 250 305 345 355 380 400 425 445 480 490 510 550 560 570 585	Oil, Gas or Water	90°	h Remarks Office	ce of Oil and Ga

(over)

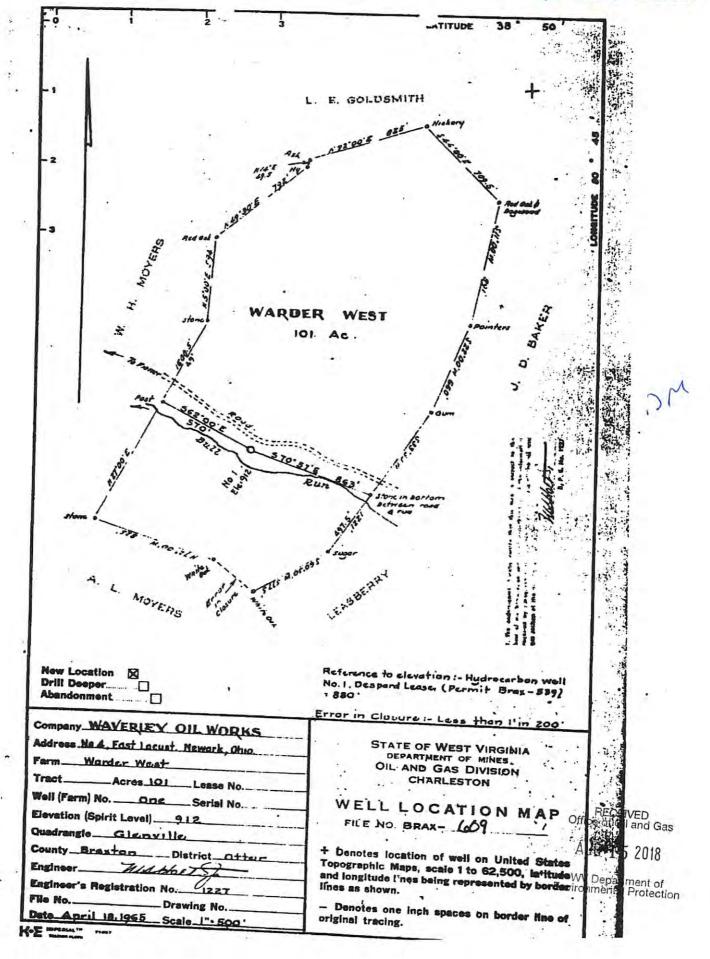
Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line	1		685	710			
late-Shells			710	790			
ritty Lime			790	835			
late&Shells			835	850			
ark Slate			850	960	Show Gas	860	50M
and		1	960	975			1000
late&Shells			975	1010			i
and		1	1010	1035			
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st Salt San		1	1060	1360			
ime	a		1360	1440		Y	
and			1440	1450			
Slate			1450	1465			
and			1465	1470	T		10
			1470	1485			
late-Lime		1	1485	1505	A contract of	1.74	
and-2nd Sal	t Sand		1505	1562	5/14/65 -	6100 pm - Sho	w oil & gas. Est.
			1 0 00 00 1	1	250M in 2nd	d Salt Sand 1	550-1555'. Shut
1					down for to	est.	1-0-1000
				1	5/15/65-10	100 mm - 1001	oil in 8" hole
-			K (in 18 hrs.	One hour te	st 10 gal. cil.
					Gas blew de	own to 33M 22	710 H 1- 18
- 1					5/17/65-1:0	00 m - 36 h	test, 35' of
2000					oil. Depti	15661	Lest, 35' or
late			1562	1585	orre peper	1300.	
and .			1585	1600	Show gas	1595*	
ed Rock		1	1600	1645	Shou Bas	1393.	
late & Shell	ls		1645	1670	10.00		P.
ed Rock			1670	1680			ľ
late & Shell	ls		1680	1701			
and			1701	1709			
late		1	1709	1725	1.44	1	
encil Cave		1	1725			()	
late			1728	1728	1	1	
ittle Lime			1731	1731			
lue Monday	Shale			1778	A Landau Control		
and monday	- Lui		1788	1794	Ran 7" OD		2
					Show gas	1785-1790*	
ig Lime					Gauge at 1	792, 24/10 W	- 34M - 1"orifice
eener Sand	11000		1794	1867 .	1		
njun Sand (1	iney)		1867	1915		1000	•
ajun sanu VI	.imey)	7	1915	1972	Show Gas	1930-1939*	
quaw Sand					Increase	1939-42 - 33	10W - ½" orf.
down parto			1972	1996	Gauged 35/	10W - 1" orf.	19831
lue Siltston					Increased	50/10W 4 @	9921
.D.			1996	2025	Increased	64/10W 5" @	908
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Date June 25 , 19 65

PPROVED The Waverly Oil Works Company , Owner

By R.L. Vockel-Pres. (Title)

08/24/2018



WW-4A Revised 6-07

August 7, 2018 1) Date: 2) Operator's Well Number Warder West #1

3) API Well No .: 47 -

007

00609

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

	vner(s) to be served	. 5) (a) Coal Operato		
(a) Name	Ronald E. West		Name	N/A	
Address	78 Roche Way		Address	_	
213.31	Youngstown, OH 445	12		(1 - 21 D - 1	1:00
(b) Name	·		(b) Coal O	wner(s) with Declarat	tion
Address			Name Address	N/A	
	-		Address	_	
(c) Name			Name	-	
Address	-		Address		
Address	-				
6) Inspector	Danny Mullins		(c) Coal Le	essee with Declaration	n
Address	220 Jack Acres Rd.		Name	N/A	
	Buckhannon, WV 2620	01	Address		
Telephone	304-932-8049				
well (2) The	application to Plug and its and the plugging we plat (surveyor's map) s	d Abandon a Well or ork order; and howing the well loca nents is that you have	1 Form WW-4B, which	h sets out the parties invo	olved in the work and describes the
(1) The well (2) The The reason However, Take notic accompan Protection the Applic	application to Plug and its and the plugging we plat (surveyor's map) so no you received these docur you are not required to take that under Chapter 22-6 ying documents for a perm, with respect to the well a	d Abandon a Well or ork order; and howing the well loca ments is that you have a e any action at all. of the West Virginia Co it to plug and abandon t the location described been mailed by registers	n Form WW-4B, which tion on Form WW-6. rights regarding the appl ode, the undersigned well a well with the Chief of the on the attached Applicated or certified mail or d	h sets out the parties involcation which are summarized I operator proposes to file or he Office of Oil and Gas, Westion and depicted on the attacl	olved in the work and describes the
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My Commission Expires Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone numbers as the My Comm. Expires Sep 9, 2022

The Office of Oil and Gas processes your personal information, such as name, address and phone numbers as the My Comm. Expires Sep 9, 2022 regulatory duties. Your personal information may be disclosed to other State agencies or third parties in 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 depprivacyoffice www.gov.

2022

KELLY L FISHER Notary Public Official Seal

State of West Virginia

WW-9 (5/16)

API Number 47 - 007	
Operator's Well No.	

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN
Operator Name_Ross & Wharton Gas Co. Inc. OP Code 306580
Watershed (HUC 10) Bull Run Quadrangle Cedarville
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No Will a pit be used? Yes No
If so, please describe anticipated pit waste: Will a synthetic liner be used in the pit? Yes No If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:
Land Application (if selected provide a completed form WW-9-GPP) Underground Injection (UIC Permit Number) Reuse (at API Number)
Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain
Will closed loop system be used? If so, describe:
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.
-If oil based, what type? Synthetic, petroleum, etc
Additives to be used in drilling medium?
Drill cuttings disposal method? 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 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 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 this 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 Office of Oil and Gas
Company Official (Typed Name) Mike Ross AUG 1 5 2018
Om 11 mil President
Company Official Title
Subscribed and swom before me this 13 ^{7H} day of August . 20/8
Notary Public
My commission expires September 9, 2022 Notary Public KELLY L FISHER Notary Public Official Soul / 2018 Notary Public Official Soul / 2018 My Comm. Expires Sep 9, 2022 782 Goshen Rd. Rock Cave WV 28234

Title: OS Inspectal

Field Reviewed?

____) Yes

		Operato	r's Well No	_
roposed Revegetation Trea	atment: Acres Disturbed 1 acre	Prevegetat	ion pH 6.5	
Lime 2	Tons/acre or to correct to pH	6.5		
Fertilizer type 10-	-20-20			
Fertilizer amount	II	os/acre		
Mulch	Tons/	acre		
	See	d Mixtures		
Т	`emporary	P	ermanent	
Seed Type	lbs/acre	Seed Type	lbs/acre	
escue	30	Fescue	30	
Contractors Mix		Contractors Mix		
ttach:		ation (unless engineered plans		
laps(s) of road, location, provided). If water from the W), and area in acres, of	oit and proposed area for land applice pit will be land applied, provide we fithe land application area. Dived 7.5' topographic sheet.		ns (L, W, D) of the pit, and dimensi	ons
faps(s) of road, location, provided). If water from the W), and area in acres, of	e pit will be land applied, provide w f the land application area.		ns (L, W, D) of the pit, and dimensi	ons
faps(s) of road, location, provided). If water from the W), and area in acres, of hotocopied section of invo	e pit will be land applied, provide w f the land application area. plved 7.5' topographic sheet.		ns (L, W, D) of the pit, and dimensi	ons
laps(s) of road, location, provided). If water from the water from the water from the water from the control of the water from	e pit will be land applied, provide w f the land application area. plved 7.5' topographic sheet.		ns (L, W, D) of the pit, and dimensi	ons
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Date:

08/24/2018

WW-9- GPP Rev. 5/16

Page	1	of Z	
API Number 47 - 007	4	00609	
Operator's Well No.			

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

arm Name: List the procedures used for the treatment and discharge of fluids groundwater. N/A	Quad: Cedarville Include a list of all operations that could contaminate
List the procedures used for the treatment and discharge of fluids groundwater.	. Include a list of all operations that could contaminate
groundwater.	. Include a list of all operations that could contaminate
N/A	
Describe procedures and equipment used to protect groundwater q	uality from the list of potential contaminant sources ab
N/A	
List the closest water body, distance to closest water body, and	
List the closest water body, distance to closest water body, and discharge area.	distance from closest Well Head Protection Area to
Bull Run	
	F
Summarize all activities at your facility that are already regulated	Office for groundwater protection.
	AUG
N/A	
	WV Do Environm

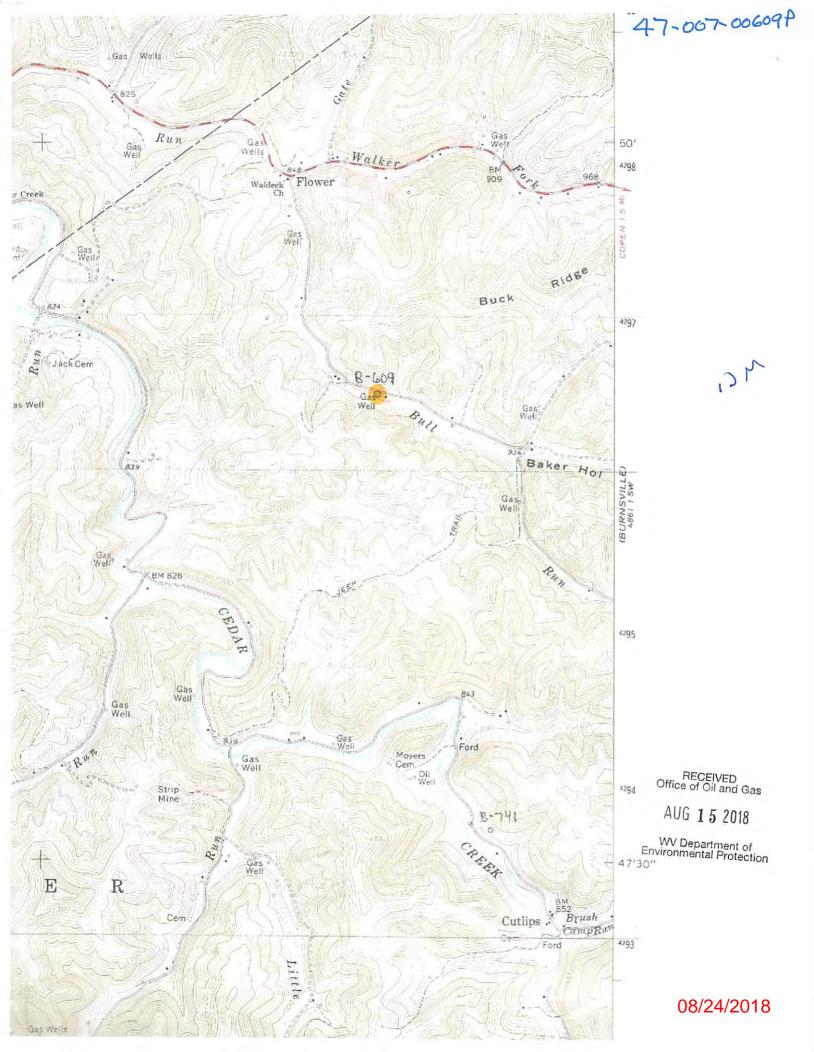
5. Discuss any existing groundwater quality data for your facility or an adjacent property.

VW-9- GPP Rev. 5/16	Page 2 of 2 API Number 47 - 007 - 00609 Operator's Well No.
N/A	
Provide a statement that no waste materia	al will be used for deicing or fill material on the property.
No material will be used	
Describe the groundwater protection insprovide direction on how to prevent groundwater	struction and training to be provided to the employees. Job procedures shall undwater contamination.
Provide provisions and frequency for ins	
N/A	spections of all GPP elements and equipment.

RECEIVED Office of Oil and Gas

AUG 15 2018

WV Department of Environmental Protection



WW-7 8-30-06



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL	LUCATION	FURM: GPS	
_{API:} 47-007-00609		WELL NO.:	
FARM NAME: Warder \			
RESPONSIBLE PARTY NAM	ME: Mike Ro	ss	
COUNTY: Braxton		DISTRICT: Otter	
QUADRANGLE: Cedarv	rille		
SURFACE OWNER: Fred			
ROYALTY OWNER: Ron	ald West		
UTM GPS NORTHING: 4	296691 N	_	
UTM GPS EASTING: 5	20218 E	GPS ELEVATION:_	912'
The Responsible Party named all preparing a new well location plabove well. The Office of Oil arthe following requirements: 1. Datum: NAD 1983, height above mean so a location Method of the Survey grade GPS: Po	lat for a plugging p nd Gas will not acc Zone: 17 North, Co ea level (MSL) – n – 3.05 meters hod:	ermit or assigned API nument GPS coordinates that pordinate Units: meters, Aneters.	mber on the do not meet
	eal-Time Differenti		AUG 1 5 2018
Mapping Grade GPS:	Post Processed Di Real-Time Differe	A Maria Maria	WV Department of Environmental Protection
4. Letter size copy of to I the undersigned, hereby certify belief and shows all the information prescribed by the Office of Oil and I was a size of the I was a size	the topography may this data is correction required by land and Gas.	ap showing the well loca t to the best of my knowled w and the regulations issu	edge and ned and
Simotors	Preside	0	-13-18 Data
Signature	1	itle	Date