

### 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, 2015

### WELL WORK PLUGGING PERMIT

### Plugging

This permit, API Well Number: 47-1502124, issued to TRIAD HUNTER, 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.

James Martin

Chief

Operator's Well No: 20951

Farm Name: ROGERS, RALPH

API Well Number: 47-1502124

Permit Type: Plugging
Date Issued: 04/30/2015

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.
- 4. This well is under a consent order and must be plugged under the terms of that agreement.



1) Date January 20	, 20_15
2) Operator's	ne ss
Well No. Jaames Ph	illips # 20951
3) API Well No. 4	7 - 015 - 2124

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

#### ADDITION FOR A DERMIT TO DITIE AND ARANDON

		MILLIONION FOR A IL	THE TO THE AND A	BANDON
	4)	Well Type: Oil/ Gas/ Liqu	id injection X	/ Waste disposal/
		(If "Gas, Production or U	nderground storage	e) Deep/ Shallow
	5)	Location: Elevation 1029'GL	Watershed Summ	mers Fork
		District Henry	County Clay	Quadrangle Newton
	6)	Well Operator Triad Hunter, LLC	7)Designated Ag	gent Kim Arnold
		Address 125 Putnam Street		ess P.O. Box 154
		Marietta, Ohio 45750	_	Waverly, WV 26184
	8)	Oil and Gas Inspector to be notified	9) Plugging Cont	ractor
		Name Ed Gainer	Name	N/A
		Address P.O. Box 821	Address	
	0 - 1	Spencer, WV 25276	_	
LTD	204			
	10)	Work Order: The work order for the ma	AC 3898 38/1	
		SET - 200' Bottom hole plug in 4 1/2	" casing. 🦯	oross person
		No Cut Plug - 4 1/2" casing came	nted to surfacel	•
		No Cut Plug - 4 1/2" casing cemer		In m.
		100' - Elevation plug @ 1050' ( insid	le 4 1/2" csg.) .	
		No Surface Casing Plug!		
			7	1 SURFACE.
		5 <b>ℰ</b> - 200' Surface plug in 4 1/2" ca	sing. From 200	Received
		Note! 1. All cement plugs - Class A		Office of Oil & Gas
	1.1	Note: 1.711 certient plags class 71	Somoni.	
		<ol><li>Gel spacers between all ce</li></ol>	ment plugs.	MAR 1 6 2015
		2 No coal seams reported		
		<ol><li>No coal seams reported.</li></ol>		
			Cana	
		SET MONUMENT PER WW STATE	Cope.	
	-			
	82 0		e a a . Nortaa toka en tabelestasses	
		ification must be given to the district can commence.	oil and gas inspec	ctor 24 nours before permitted
		VI		Sholic
	Worl	k order approved by inspector		) Date 377 P
				1. 6

05/01/2015



IV-35 (Rev 8-81)

### State of Mest Pirginia

Department of Mines wil und Cas Bivision

Date	<u> </u>	Ap	ril	26,	TÄØ:	3	
Oper	ator	ែន	7	1		· · · · · · · · · · · · · · · · · · ·	•
Well	No.			20.9	51		
Farm	<u> </u>	Ja	mes	Phi:	llips	3	
API	No	47		015		02124	

# WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Inject (If "Gas," Production / Underg	cion_x/Was	ste Disposa age / Dee	l/ p / Sha	ıllow /)
LOCATION: Elevation: 1029.40 Watershed				· ·
District: Henry County			e Newton	
•				
COMPANY Columbia Gas Transmission Corporation	).			1
ADDRESS P. O. Box 1273, Charleston, WV 25325	Caging	Used in	Left	Cement fill up
DESIGNATED AGENT James L. Weekley	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P. O. Box 1273, Charleston, WV 25325				
SURFACE OWNER Ralph & Pansey Rogers	20-16 Cond.			
ADDRESS Ovapa, WV 25150	13-10"			
MINERAL RIGHTS OWNER Tressie M. Hunt	9.5/8	***************************************		
ADDRESS 816 Austin Drive, St. Albans, WV 251	77 8 5/8	433.03	433.03	140 Sacks
OIL AND GAS INSPECTOR FOR THIS WORK Martin	7			
Nichols ADDRESS Clendenin, WV 25045	5 1/2	***************************************		
PERMIT ISSUED 3/30/82	4 1/2	2038.09	2038.09	420 Sacks
DRILLING COMMENCED 5/11/82 3 2008.09 2008.09 420 Sac				
DRITLING COMPLETED 5/15/82	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			- Company of the Comp
GEOLOGICAL TARGET FORMATION Big I	niun	Dep	th 201	5 feet
Depth of completed well 2060 feet				
Water strata depth: Fresh feet			***************************************	**************************************
Coal seam depths:			ed in the	area? No
OPEN FLOW DATA	**************************************			<u> </u>
	<b>n</b> .	,	. •	•
Producing formation	ra Pa	ly zone dep	in_	reei
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d	r Fi	ınaı open f.	row	Bbl/d
Time of open flow between in				
Static rock pressurepsig(surf (If applicable due to multiple completi		arent) arte	rnou	rs snet A
· · · · ·		ur cono dorn	<b>-</b> L	<b>r</b>
Second producing formationMcf/d				
Final open flow Mcf/c				
Time of open flow between in				
Static rock pressurepsig(surfa	ice measure	ment) arter	hou	us sout in

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

Perforated 5/24/82 from 1922-1946' with one hole.

Acidized 5/24/82 from 1922-1946' with 500 gallons Hcl.

#### WELL LOG

FORMATION	COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freand salt water, coal, oil and ga
	, <b>\</b>		11.00	to Linvilla Transmission
40	Silt & Sand Sand Silt & Sand Silt & Sand Slate Sand Slate Sand Slate Sand Slate & Silt Sand Silt & Slate Lee Sand Shale Maxon Sand Shale Greenbrier Ls. Big Injun	0 200 336 442 534 554 592 720 822 864 1138 1182 1236 1514 1543 1640 1692 1904	200 336 442 534 554 592 720 822 864 1138 1182 1236 1514 1543 1640 1692 1904 1950	Salt Water
	DTD		2060 2046	Feceived Office of Oil & Ge

(Attach separate sheets as necessary)

Columbia Gas Transmission Corporati	on
Well Operator	
By: Telepler	05/01/2015
Date: 5-31-83	Lesculate

Note: Regulation 2.02(i) provides as follows:

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

WW-4A Revised 6-07

1) Date:	1/20/2015	
2) Operator	's Well Number	
James Phillips # 2	20951	

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

3) API Well No.: 47 -

4) Surface	Owner(s) to be served:	5) (a) Coal Operator	
(a) Nam	e Larry Rodgers	Name Name	N/A
Address	97 Ash Camp Road	Address	
	Ovapa, WV 25164		
(b) Nam	e	(b) Coal Own	ner(s) with Declaration
Address		Name	N/A
		Address	
(c) Name	a .	Name	
Address		Address	-
6) Inspector	Ed Gainer	(a) Coal Loss	ee with Declaration
Address	P.O. Box 821	Name	N/A
Address	Spencer, WV 25276	Address	19/7
m 1 1		Address	
Telephor	e (304) 389-7582		<del>, , , , , , , , , , , , , , , , , , , </del>

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

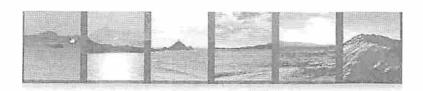
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses 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 abandon 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 mailing or delivery to the Chief.

	Well Operator By:	Triad Hunter, LLC Rocky Roberts	Received Office of Oil & Gas
	Its:	Senior V.P. Appalachian Operations	MAR 1 6 2015
	Address	125 Putnam Street	MAIN J. D 2013
		Marietta, Ohio 45750	
	Telephone	(740) 374-2940	
Subscribed and sworn before me this  My Commission Expires  Oil and Gas Privacy Notice	Jana da	ny of January 2015 Notary Public	ELIZABETH R. TEPAY NOTARY MIRLIC In and the the state of Ohio L. D. Guillasiun Expires 2-29-16

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 <a href="mailto:depprivacyoffier@wv.gov">depprivacyoffier@wv.gov</a>.



## Larry Rodgers

### James Phillips

# 20949

# 20951

# 20954

# 20682

(4 Wells)

915 Greanbag Road Margantown, VVV 26508 Toll Free 888 292 0601 Fax 304 292 0263



Expert Solutions.



117	11/	4D
w	w-	40

API No.	47-015-2124
Farm Name	James Phillips
Well No.	20951

### 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 permit.

	WAIVER
has examined this proposed plugging wo	/ owner/ lessee/ of the coal under this well location k order. The undersigned has no objection to the work proposed to be operator has complied with all applicable requirements of the West ons.
Date:	
	Ву:
	Its

WW-9 Rev. 5/08

	Page	1	of 2	
API Number 47 -	015	-	2124	
Operator's Well N	O. Jame	s Phillips	# 20951	

## 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

Operator N	Name_Triad Hunter, LLC			OP Code _4	19444948	33	
Watershed	Summers Fork		_ Quadrangle	Newton			
Elevation	1029' GL	County_ Clay		District_	Henry		
Descriptio	n of anticipated Pit Waste:	oil, saltwater, and f	reshwater			<u></u>	
Will a syn	thetic liner be used in the pit	? _"No Pit"					
Proposed I	Reuse (at A	cation d Injection ( UIC Permit	/-9 for disposa	l location)		)	
Proposed '	Work For Which Pit Will Be Drilling Workover Other (Exp.	-	Swabb				
on August provisions law or reg I application obtaining penalties f	certify that I understand and 1, 2005, by the Office of Oi of the permit are enforceabulation can lead to enforcement certify under penalty of law form and all attachments the information, I believe the tor submitting false information.	I and Gas of the West Vir le by law. Violations of ent action. w that I have personally thereto and that, based hat the information is tr on, including the possibil	ginia Departmo any term or co examined and on my inquinue, accurate, a	ent of Environme ondition of the go am familiar wit ry of those indi- and complete. I	ental Protect eneral pern th the inforviduals im	tion. I understand that the lit and/or other applicable mation submitted on this mediately responsible fo	e e s r
Company	Official (Typed Name)_Ro	ocky Roberts		4		Received	b
	Official Title_Senior \	/.P. Appalachia	an Opera	tions		Office of Oil 8	
	d and sworn before me this_	22nd day of	Januar	( LIV	y Public	State of Ohio  y commission Expires  2-11.	

1502124P

Operator's Well No.\_\_\_\_\_James Phillips # 20951

	LEGEND
Property Boundary	Diversion (1:11111111111111111111111111111111111
Road = = = = = = = = =	_ Spring
Existing Fence — X — X — X	
Planned Fence / / /	Drain Pipe with size in inches @
Stream	Waterway $\longleftrightarrow$
Open Ditch	Cross Drain
Rock ESESSE	Artificial Filter Strip
North N	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	
Proposed Revegetation Treatment: Acres Disturb	one (1) Prevegetation pH 5.5
Lime IWO (2) Tons/acre or to	correct to pH 6.5
Fertilizer (10-20-20 or equivalent)	Ulbs/acre (500 lbs minimum)
Mulch (50 bales) 2.5	Tons/acre
Much	
	Seed Mixtures
Area I	Area II
Seed Type lbs/acre	Seed Type lbs/acre
Orchard Grass 30%	)
Rye (Annual & BT) 35%	0
Timothy (Climax) 25%	΄ο
Clover (Med. Red) 10%	
Attach: Drawing(s) of road, location,pit and proposed area	a for land application.
Photocopied section of involved 7.5' topographic	sheet.
Plan Approved by:	
The state of the s	
Comments:	
	\$PP\$
122	Received
Title: Inspectat	Date: 3 9 15 Office of Oil & Gas
Field Reviewed? ( ) Yes	MAR 1 6 2015

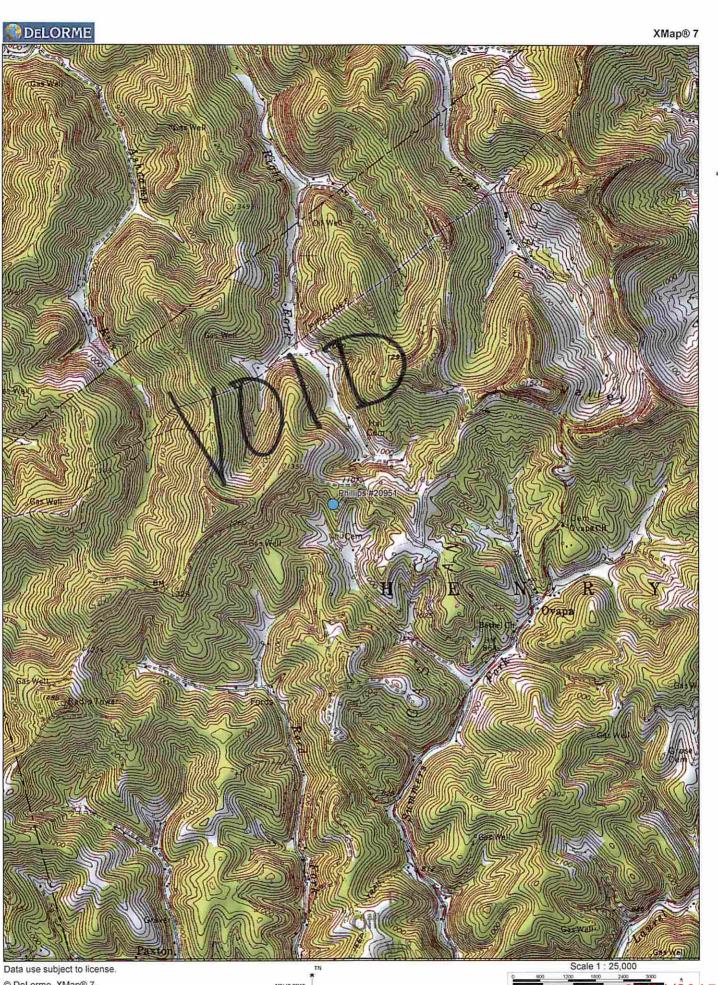
WW-7 8-30-06



## West Virginia Department of Environmental Protection Office of Oil and Gas

### WELL LOCATION FORM: GPS

<sub>API</sub> : 47-015-02124	WELL NO.: 20951
FARM NAME: James Phillips	
RESPONSIBLE PARTY NAME: Triad H	Hunter, LLC
<sub>COUNTY:</sub> Clay	DISTRICT: Henry
QUADRANGLE: Newton	
SURFACE OWNER: Larry Rodgers	
ROYALTY OWNER: Black Stone M	linerals LLP
utm gps northing: 4264314 ч <b>2</b>	64296.1 (coexected)
UTM GPS EASTING: 485655 4 <b>8561</b>	7.7 <sub>GPS ELEVATION: 1025</sub>
The Responsible Party named above has chosen preparing a new well location plat for a plugging above well. The Office of Oil and Gas will not a the following requirements:  1. Datum: NAD 1983, Zone: 17 North, height above mean sea level (MSL) – 2. Accuracy to Datum – 3.05 meters  3. Data Collection Method: Survey grade GPS: Post Processed Difficulty Real-Time Different Mapping Grade GPS: Post Processed I	g permit or assigned API number on the accept GPS coordinates that do not meet  Coordinate Units: meters, Altitude: - meters.
4. Letter size copy of the topography I the undersigned, hereby certify this data is corr belief and shows all the information required by prescribed by the Office of Oil and Gas.  Signature  Signature	map showing the well location. eet to the best of my knowledge and



1	Operator:	TRIAD HUNTE	R, LLC	
	API:	1502124		
	WELL No:	20951		<del>-</del>
	Reviewed by:	g NM	Date:	4/29/15

### CHECKLIST FOR FILING A PERMIT

### Plugging

	WW-4B
	Inspector signature on WW-4B
-	Completion / Well Records of Previous Work
	WW-4A (Notarized)
	Certified Mail Receipts, Waivers, or Affidavits of Personal Service
	Surface Owner Waiver
	Coal Owner / Lessee /Operator Waiver
/	WW-9 (Page 1) (Notarized)
	Inspector Signature on WW-9 (Optional)
/	Topographic Map of location of well (corrected 03/26/15)
/	WW-7
	OR
	Mylar Plat (Surface owner on plat matches WW-4A)
/	Bond
1	Company is Registered with the SOS
<b>\</b>	Worker's Compensation / Unemployment Insurance account is OK
	\$1 <del>00.00 check</del> (\$0.00 if no pit)