

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

May 07, 2014

WELL WORK PERMIT

Vertical Well

This permit, API Well Number: 47-2105772, issued to HILDRETH, ROY G & SON INC, 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: TALBOTT #5

Farm Name: TALBOTT, CHARLES E.

API Well Number: 47-2105772
Permit Type: Vertical Well

Date Issued: 05/07/2014

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

CONDITIONS

- 1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 2. Pursuant to 35 CSR § 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
- 3. Pursuant to 35 CSR § 4-19.1.c, if the operator is unable to sample and analyze any water well or spring within one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
- 4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 5. 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.
- 6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
- 7. Well work activities shall not constitute a hazard to the safety of persons.

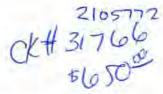
05/09/2014

WW - 2B (Rev. 8/10)

Depths Set

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

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) Well Operato	Roy	Hildret. ن	h & Son, Inc.	307492	Gilmer	DeKalb District	Glenville
			SAME AND A	Operator ID	County	District	Quadrang
) Operator's W	/ell Numb	per: Talbo	tt-Wolfe #5		3) Elevation:	773	
) Well Type: (a	a) Oil <u>×</u>	or Ga	as x				
(b) If Gas:	Produ	iction <u>×</u> / Un	derground Sto	rage		
		Deep	p/ \$	Shallow x	_		
\ Annrovimate	fresh wa	ter strata	Feet a depths: 70' 1,000' Driller showed			get Depth: _ al Depth: _Wie	1850' er
) Approximate	coal sea	m depth:	S: None Reported	1			
0) Approximat	e void de	onthe (co	al, Karst, other):	None Known			
o) Approximat	e void de	pti 13,(00	ai, itaisi, omer).				-
				and the second s	t		
1) Does land of	contain co	oal seam	s tributary to ac	tive mine?	lo		
				ave mino		al sheets if ne	eded)
2) Describe pro	posed we	ell work ar	nd fracturing meth	nods in detail (a	attach additiona		eeded)
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2) Describe pro	posed we	ell work ar	nd fracturing meth	nods in detail (a	attach additiona		eeded)
2) Describe pro	posed we	ell work ar	nd fracturing meth t sand, maxon, inju	nods in detail (a	attach additiona am/sand, x-link g		eeded)
2) Describe pro rill new well to wie	posed we	ell work ar te with sall	nd fracturing meth t sand, maxon, inju	nods in detail (a	attach additiona am/sand, x-link g	el sand	
2) Describe pro rill new well to wie	posed we	ell work ar te with sall	nd fracturing meth t sand, maxon, inju	nods in detail (a in & wier with foa	attach additiona am/sand, x-link g	el sand	<u>ENT</u>
2) Describe pro ill new well to wie	posed we er. Stimula	ell work ar te with sali CATIONS	nd fracturing meth t sand, maxon, inju	nods in detail (a in & wier with foa BING PROGE FOOTAGE	attach additiona am/sand, x-link g RAM INTERVALS	el sand	<u>ENT</u>
2) Describe pro ill new well to wie 3) TYPE S Conductor	posed we er. Stimula PECIFIC Size	ell work ar te with sall CATIONS	nd fracturing meth t sand, maxon, inju	nods in detail (an & wier with foat	attach additiona am/sand, x-link g RAM INTERVALS	el sand	<u>:NT</u> <u>J. Ft.)</u>
2) Describe pro rill new well to wie 3) TYPE S Conductor Fresh Water	PECIFIC Size 9 5/8	ell work ar te with sali CATIONS Grade	ASING AND TU Weight per ft 32#	BING PROGE FOOTAGE For Drilling	Attach additional m/sand, x-link government to the common state of	E CEME Fill -up (Cu	ENT J. Ft.) ESS 95 cu' ft
2) Describe pro rill new well to wie 3) TYPE S Conductor Fresh Water Coal	PECIFIC Size 9 5/8	ell work ar te with sali CATIONS Grade	ASING AND TU Weight per ft 32#	BING PROGE FOOTAGE For Drilling	Attach additional m/sand, x-link government to the common state of	E CEME	ENT J. Ft.) ESS 95 cu' ft
2) Describe provill new well to wis 3) TYPE S Conductor Fresh Water Coal Intermediate	PECIFIC Size 9 5/8	ell work ar te with sali CATIONS Grade	ASING AND TU Weight per ft 32#	BING PROGE FOOTAGE For Drilling	Attach additional m/sand, x-link government to the common state of	E CEME Fill -up (Cu	ESS 95 cu' ft
2) Describe pro rill new well to wie 3) TYPE S Conductor Fresh Water Coal Intermediate Production	PECIFIC Size 9 5/8 7"	CATIONS Grade LS LS	Meight per ft 32# 17#	BING PROGE FOOTAGE For Drilling 30 300'	RAM INTERVALS Left in Well Pulled 300'	El sand CEME Fill -up (Cu CTS + 30%EXC	ESS 95 cu' ft
2) Describe pro rill new well to wie	PECIFIC Size 9 5/8 7"	CATIONS Grade LS LS	Meight per ft 32# 17#	BING PROGE FOOTAGE For Drilling 30 300'	RAM INTERVALS Left in Well Pulled 300'	El sand CEME Fill -up (Cu CTS + 30%EXC	ENT J. Ft.) ESS 95 cu' ft / // E SALT SAND



WW-2	2A
(Rev.	6-07)

1). Date: APRIL 3, 2014

2.) Operator's Well Number TALBOTT WOLFE #5

State County Permit

3.) API Well No.: 47- 021

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

	vner(s) to be served	l:	5) (a) Coal Ope	erator
(a) Name	Charles E. Talbott	W	Name	
Address	142 LOWER LEADING CF	REEK RD	Address	
	GLENVILLE, WV 26351			
(b) Name	_			wner(s) with Declaration
Address			Name	
			Address	
(c) Name			Name	
Address			Address	
6) Inspector	BRYAN HARRIS		(c) Coal Le	essee with Declaration
Address	P O BOX 157		Name	Notes Will Decidiation
Address	VOLGA, WV 26238		Address	
Telephone	304-553-6087		_ //ddicoo	
relephone		DEDSONS NA	MED ABOVE T	AKE NOTICE THAT:
· Included is t				acts by which I hold the right to extract oil and gas
OR	ne lease of leases of	other continuing	contract of contra	icts by Which I floid the right to extract on and gas
	he information require	ed by Chanter 22	Article 6 Section	n 8(d) of the Code of West Virginia (see page 2)
				inia Code I have served copies of this notice and
				ugh on the above named parties by:
application, a loc				ign on the above named parties by.
-		ce (Affidavit atta		.6
<u>x</u>			tal receipt attached	a)
and the second		otice of Publication		r and a real art are a real art and a real art art
		hapter 22-6 and	35 CSR 4, and 1	I agree to the terms and conditions of any permit
issued under this		that I have nor	anally avaminad	and am familiar with the information submitted on
				and am familiar with the information submitted on y of those individuals immediately responsible for
	ormation, I believe that			
				lse information, including the possibility of fine and
Implisonment.	are trial triese are sig	nincant penantes	o for submitting rai	se information, including the possibility of fine and
A TIST	OFFICIAL SEAL NOTARY PUBLIC	Well Operator	Roy G. Hildreth & Son,	Inc. 61
BURNE STA	TE OF WEST VIRGINIA	By:		#- 1.7/2 J. 9
問題經過目	Patricia L. Hall	Hs:	ROY G. HILDRETH, PR	RESIDENT
A	840 Arnoldsburg Rd. rnoldsburg, WV 25234	Address	Po Box 1007	
My Con	nmission Expires Jan. 3, 20	22 \$	Spencer, WV 25276	
	******	Telephone	304-927-2130	
Subscribed and	sworn before me this		APRIL	2014
/	1) . "	0 11		NEGETYEL!
	Tatrica of	. Hall		Notary Public 8 of Clif and Gas
My Commission	Expires	inecary 3	2022	
Oil and Gas Privacy	Notice			APR 2.5 X014
				A CONTRACTOR OF THE PROPERTY O

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 depprivacyofficer@wv.gov

ORIGINAL

SURFACE OWNER WAIVER

County GILMER	GILMER	Operator	Roy G. Hildreth & Son, Inc.	
		Operator well number	TALBOTT WOLFE #5	

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (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:

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

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) 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 a dequate 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.

Comments must be in writing. 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 may 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 as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

<u>List of Water Testing Laboratories.</u> The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

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 Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through _____ including a work order on F orm WW2-B, a s urvey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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 those materials.

FOR EXECUTION BY A NATURAL PERSON	FOR EXECUTION BY A CORPORATION, ETC.
Charle & Salball Date 4,1	Company Office of Office of Office and Office of Office
Charles E Talbot+	By APR 2.5 2014 Date
Print Name	Signature Date

WW.	-2A1	
(Rev.	1/11	1

Operator's W	ell Number	TALBOTT WOLFE #	

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that —

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page_
Charles E. Talbott	Roy G. Hildreth & Son, Inc.	.0625	LB GIL 2416

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby a cknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be ac quired from the appropriate authority before the affected activity is initiated.

	Roy G. Hildreth & Son, Inc.
Well Operator:	Karot Hierard
By:Its:	PRESIDENT

WW-2B1 (5-12)

Well No	Talbott-Wolfe #5	
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West Virginia Department of Environmental Protection Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name	REIC Laboratory Po Box 286, Beaver, WV 25813	
Sampling Contractor	Roy G. Hildreth & Son, Inc.	

Well Operator Roy G. Hildreth & Son, Inc.

Address Po Box 1007

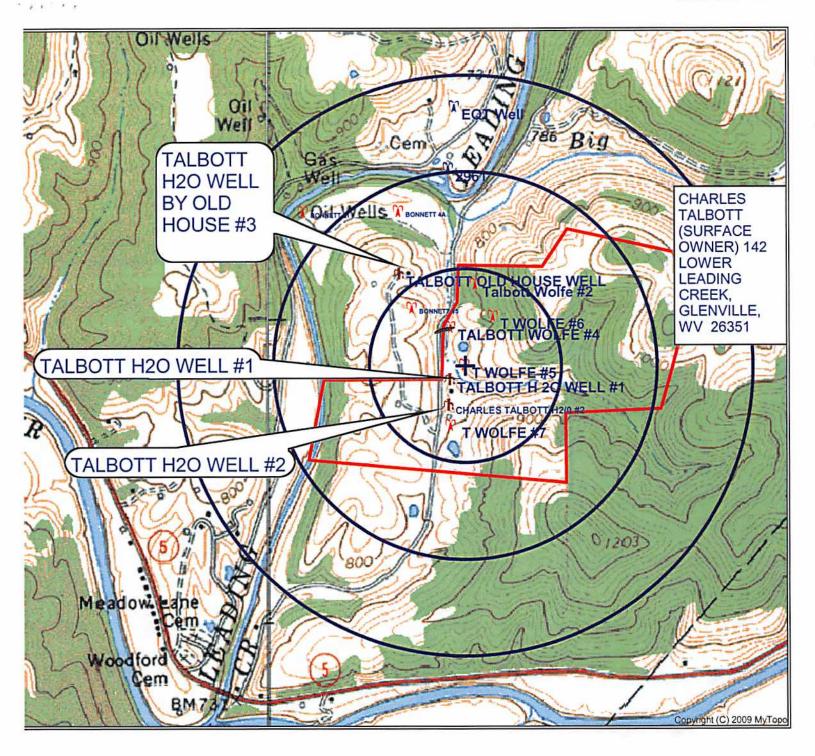
Spencer, WV 25276
Telephone 304-927-2130

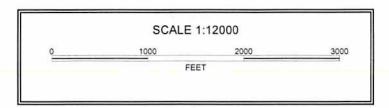
FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

SEE Attached Document signed by surface owner.

Name of Well: TAISOT #5,6 47	
•	existing/or proposed well site hereby acknowledge lotice to Surface Owners", topographical map, along with Olive Dause Witness
AND/	IN ADDITION TO
	r sources being tested.
Charles E. TAIboT Please print	
Charles & Jollato Signature	<u>04-10-14</u> Date
Mes Dowson Witness	
Employee/Contractor for	

Roy G. Hildreth and Son, Inc.





WW-9 (5/13)

	Page	of 4
API Number 47 - 021		
Operator's Well	No. Talbott-W	olfe #5

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name_Roy G. Hildreth &	Son, Inc	OP Code
Watershed (HUC 10) Leading C	Creek	Quadrangle Glenville
Elevation 773	County_Gilmer	District DeKalb
Do you anticipate using more that	an 5,000 bbls of water to complete	the proposed well work? Yes No_×
Will a pit be used for drill cutting	gs? Yes x No	
If so, please describe ar	ticipated pit waste: Gell Water, Dr	ill Cuttings, Freshwater
Will a synthetic liner be	e used in the pit? Yes x No	1f so, what ml.? 20
Proposed Disposal Met	hod For Treated Pit Wastes:	
Under Reuse Off Si	: (at API Numberite Disposal (Supply form WW-9 f	or disposal location)
Will closed loop system be used	? No	
Drilling medium anticipated for	this well? Air, freshwater, oil base	d, etc. Air
	Leave in pit, landfill, removed offs	
		1? (cement, lime, sawdust) Dirt and Cement
on August 1, 2005, by the Office provisions of the permit are enflaw or regulation can lead to enf I certify under penalty application form and all attach obtaining the information, I be penalties for submitting false inf	of Oil and Gas of the West Virgin forceable by law, Violations of any forcement action. of law that I have personally examinents thereto and that, based or lieve that the information is true, formation, including the possibility	of fine or imprisonment. Office of Oll and Gas
Company Official (Typed Nam	e) RÓY G. HILDRETH, PRESIDEN	APR 2.5 7011
Company Official Title Roy G.		WW = mresent
		Environmental Trongs, on
		(AAAAAAAAAA
Subscribed and sworn before me	e this 3RD day of APRIL	20 TITO OFFICIAL SPAL NOTARY PUBLIC

Form WW-9		Opera	tor's Well No. Talbott-Wolfe #
	Division in	1.5	tion pH 5.5
Proposed Revegetation Treatm	nent: Acres Disturbed _		tion pH
	Tons/acre or to corr	ect to pH 0.5	
Fertilizer (10-20-20 c	or equivalent) 0.25	lbs/acre (500 lbs minimum)	
_{Mulch} Hay	2	Tons/acre	
		Seed Mixtures	
Area			Area II
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	<u>25</u>	Ladino Clover	5
Red Top Clover	15	Ky 31	40
Annual RHY	15	Annual Rhy	15
Plan Approved by:	yen Olten		
			
			
		-	
Title: In spechoe Field Reviewed? (X) Yes	Date: 4-10-14	RECEIVED Office of Ciliand Ga	
	Yes Yes	() No	APR 2 5 2014
,			
			MAY Department of

WW Department of Environmental Protection

