

#### 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

July 23, 2014

#### WELL WORK PERMIT

#### Vertical Well

This permit, API Well Number: 47-8510112, issued to HAUGHT ENERGY CORPORATION, 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: W-1649

Farm Name: HAUGHT, IRA M.

API Well Number: 47-8510112 Permit Type: Vertical Well

Date Issued: 07/23/2014

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. 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.
- 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 with 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.
- 8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

WW - 2B (Rev. 8/10) CK 4031 0000

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

) Well Operato				7			
	Haugh	t Energy	Corporation	494494463	Ritchie	Union	Harrisville
				Operator ID	County	District	Quadrangl
) Operator's W	/ell Numb	er: <u>W-164</u>	19		3) Elevation:	954'	
) Well Type: (a	a) Oil <u>X</u>	_ or Ga	sX				
(t	) If Gas:	Produ	ction X / Uno	derground Sto	rage	_	
			/ S				
<ol> <li>Proposed To</li> <li>Approximate</li> </ol>	tal Depth: fresh wat	er strata	Feet depths: 75' None Noted in Offset	Formation at F	Proposed Targeroposed Total	get Depth: Onand	loga Lime
) Approximate	coal sear	n depths	S: None Noted in	Offset Wells	- 10		
			al, Karst, other):		Offset Wells		
							_
		al coam	e tributary to act	live mine? N	10		
11) Does land	contain co	ai seaili	5 thibutary to do	_			
						I sheets if nee	ded)
12) Describe pro	posed wel	II work ar	nd fracturing meth Nitrogen and/or Slic	nods in detail (a ck Water fracturin	attach additiona	ding approximate	ely 700,000
12) Describe pro	posed wel	II work ar	nd fracturing meth	nods in detail (a ck Water fracturin	attach additiona ng methods includ o exceed 5,000 l	ding approximate Bbls, will suppler	ely 700,000 ment with ta
12) Describe pro	posed wel	II work ar	nd fracturing meth Nitrogen and/or Slic	nods in detail (a ck Water fracturin	attach additiona ng methods includ o exceed 5,000 l	ding approximate	ely 700,000 ment with ta
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12) Describe pro rill new Oil & Gas itrogen Per Stage  13)  TYPE S  Conductor  Fresh Water	SPECIFICATION Size 13-3/8" 9-5/8"	Late with proximately ATIONS  Grade  R-2  R-3	Nitrogen and/or Slice y 9500 Barrels water ASING AND TU Weight per ft 43.6# 26#	bods in detail (and water fracturing or (Fraq pit not to be)  BING PROGRETOTAGE  FOOTAGE  For Drilling  30'  300'	ettach additional ag methods include o exceed 5,000 include o exceed	ding approximate Bbls, will supple Ce of Oil and MAY CEMEN  Fillepartme Grout to St	ely 700,000 ment with ta d Gas  A IT otection unface
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Per WVDEP Guidelines, it is the intention of Haught Energy Corporation to drill no further than twenty feet into the Onandoga Limestone during the drilling of this well.

Depths Set NA

5-5-1407/25/2014

#### Addendum to WW-9 W-1649 Haught Energy Corporation

It is the intention of Haught Energy Corporation to build a pit capable of holding 5,000 BBI of fresh water to be used in the fracturing of well W-1649. This pit will be built separate of the drilling pit and will be used in a temporary manner. The walls will be compacted as needed to ensure a stable structure and a liner will be used in the pit. The pit will be built and filled with fresh water then used as expeditiously as possible to fracture the well. Following fracturing the well, the flowback will be completed and once the flowback has been completed, all flowback water shall be hauled from this pit to an injection facility for disposal. Once the pit has been dried out, reclamation will ensue. It is the Intention of Haught Energy to use this pit as a temporary structure and not a long standing impoundment.

WW-	2A
(Rev.	6-07)

1). Date: 5-5-1	14		2
2.) Operator's We	ell Number	W-1649	
	State	County	Permit
3.) API Well No .:	47-	085	3

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

4) Surface Ov	vner(s) to be served:		5) (a) Coal Op	erator	
(a) Name	Ira Haught	N	Name	None	
Address	210 East Main Street		Address	-	
	Harrisville, WV 26362				
(b) Name			(b) Coal O	wner(s) with D	Declaration
Address			Name	NA	
			Address	-	
			- 10 10 20 202		
(c) Name			Name	-	
Address			Address	-	
71001000				-	
6) Inspector	David Cowan		(c) Coal L	essee with De	claration
Address	1597 Devil Hole Road		Name	NA NA	Cidiation
Address	Harrisville, WV 26362		Address	1973	
Telephone	The second secon		_ Address	_	
relephone	(304) 389-3509	DCONC NA	MED ABOVE T	AVE NOTICE	THAT
lank ideal in t			MED ABOVE T		hold the right to extract oil and gas
OR Included is t	ne lease or leases or our	ier continuing	Contract or contra	acts by which i	floid the right to extract on and gas
× Included is t	he information required t	by Chanter 22	Article 6 Section	n 8/d) of the Co	ode of West Virginia (see page 2)
					ve served copies of this notice an
application a los	triat as required under the	chapter 22-0	on the west virg	unh on the	above named parties by:
application, a loc	Personal Service			ugn on the	above named parties by.
_	Certified Mail (Pos			d	
-	Publication (Notic			iu)	
I have re				L agree to the	terms and conditions of any perm
issued under this		plei 22-0 and	135 CSR 4, and	agree to the	terms and conditions of any perio
		at I have ners	onally examined	and am familia	ar with the information submitted of
					viduals immediately responsible for
	ormation, I believe that the				
					including the possibility of fine an
imprisonment.					
NOTARIO	PUBLIC OFFICIAL SEAL V	/ell Operator	Haught Energy Corpor	ration	
	ERT J. HAUGHT B	y:	Maner Ry	Blanget	
	te of West Virginia It:		Agent	0	DECEIVED
My Commit	ssion Expires March 23, 2019 A d Dr. Parkersburg, WV 26104	ddress	12864 Staunton TPKE		RECEIVED
Tid Clesting			Smithville, WV 26178	3	Office of Oil and Gas
		elephone	304-477-3333		
Subscribed and	sworn before me this	day of	Mar		- ZMAY 0 8 2014
1	1/1			1000	<b>□</b> (4.0)
	- Y	77 7	a)	Notary	Public Department of
My Commission	2 2 7 2 2 2 2	23 2	019		nvironmental Protection
Qif and Gas Privacy	Notice			-	Transminental Frotection
and the state of the same	A CARLO STATE OF THE STATE OF T	The same of the same of	CONTRACTOR AND	and the land the same	THE PARTY OF THE P

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:depprivacyofficer@wv.gov">depprivacyofficer@wv.gov</a>

#### SURFACE OWNER WAIVER

County	Ritchie	Operator	Haught Energy Corporation
33.44	Operator well number	W-1649	
INSTRU	INSTRUCTIONS T	O SURFACE OWNERS NAMED ON F	AGE 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 57<sup>th</sup> 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.

<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 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 s oil 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 CO	RPORATION, ETC.
A Signature Date 5	Company Name By	-
Ire M Howeld	Its	Date
Print Name	Signature	Date

WW-70 Rev. 7/01

#### Affidavit of Personal Service

State Of West Virginia
County Of Ritchie
The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of
(1) Notice on Form $WW-2(A)$ / $WW-3(A)$ / $WW-4(A)$ / $WW-5(A)$ / $WW-6(A)$ _ / (2) Application on Form $WW-2(B)$ _ / $WW-3(B)$ _ / $WW-4(B)$ _ / $WW-5(B)$ _ / $WW-6(B)$ _ (3) Plat showing the well location on Form $WW-6$ , and (4) Construction and Reclamation Plan on Form $WW-9$
all with respect to operator's Well No. W-1649 located in Union  District, Ritchie County, West Virginia, upon the person or organization named
Ira M. Haught
by delivering the same in Ruchle County, State of West Virginia on the see day of May , 20/4 in the manner specified below.
[COMPLETE THE APPROPRIATE SECTION]
For an individual:  [ /] Handing it to him _ / her _ / or, because he _ / she _ / refused to take it when offered it, by leaving it in his _ / her _ / presence.  [ ] Handing it to a member of his or her family above the age of 16 years named who resides at the usual place of abode of the person to be
served, and asking the family member to give it to the person to be served as soon as possible.
For a partnership:  [ ] Handing it to
For a limited partnership:  [ ] Handing it to the general partner, named
For a corporation:  [ ] Handing it to the corporation's employee/ officer/ director/ attorney in fact/ named
(Signature of person executing service)
Taken, subscribed and sworn before me this 6th day of MAY 20/4.  My commission expires MANCH 23, 2017
Notary Public
(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)
NOTARY PUBLIC OFFICIAL SEAL ROBERT J. HAUGHT State of West Virginia My Commission Expires March 23, 2019 118 Crestwood Dr. Parkersburg. WV 26104

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

Operator's W	/eli Num	ber W-1649
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#### 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
ira Haught	Whittle Corporation	1/8	246/10

Whittle Corporation is a wholly owned subsidiary of Haught Energy Corporation and as owner of Whittle Corporation, Haught Energy Corporation has full right to drill and complete an oil and gas well on the above property with leases taken and agreements put into place by Whittle Corporation. (Agreement Attached)

## 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 he reby 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 aut hority before the affected activity is initiated.

	Haught Energ	gy Corporation	
Well Operator:	Marie	R. Wanglet	_
By:Its:	Agent		

#### **AGREEMENT**

THIS AGREEMENT, Made this 1st day of December, 2010, by and between Whittle Corporation, HC 68 Box 14, Smithville, WV 26178 as party of the First part and Haught Energy Corporation, HC 68 Box 14, Smithville, WV 26178 as Party of the second part.

#### WHEREAS:

Haught Energy Corporation is the parent company of Whittle Corporation.

#### WITNESSETH:

Whittle Corporation gives Haught Energy Corporation the right to operate and develop any leases that are owned by Whittle Corporation within the State of West Virginia.

IN WITNESS WHEREOF, the Parties have caused this Assignment to be properly executed the day and year first above written.

Whittle Corporation

Name: Warren R. Haught

Title: President

Haught Energy Corporation

Name: B. Douglas Haught

Title: President

#### STATE OF WEST VIRGINIA

#### COUNTY OF RITCHIE

BE IT KNOWN, that on this 1st day of December, 2010, before me, the undersigned authority, personally came and appeared WARREN R. HAUGHT appearing herein in his capacity as the PRESIDENT of WHITTLE CORPORATION, to me personally know to be the identical person whose name is subscribed to the foregoing instrument as the said officer of said corporation, and declared and acknowledged to me, Notary, that he executed the same on behalf of said corporation, and that the said instrument is the free act and deed of the said corporation and was executed for the uses, purposes and benefits therein expressed.

NOTARY PUBLIC

NOTARY PUBLIC OFFICIAL SEAL ROBERT J. HAUGHT State of West Virginia My Commission Expires March 23, 2019 118 Crestwood Dr. Parkersburg, WV 26104

#### STATE OF WEST VIRGINIA

#### COUNTY OF RITCHIE

BE IT KNOWN, that on this 1st day of December, 2010, before me, the undersigned authority, personally came and appeared B. DOUGLAS HAUGHT appearing herein in his capacity as PRESIDENT of HAUGHT ENERGY CORPORATION, to me personally know to be the identical person whose name is subscribed to the foregoing instrument as the said officer of said corporation, and declared and acknowledged to me, Notary, that he executed the same on behalf of said corporation, and that the said instrument is the free act and deed of the said corporation and was executed for the uses, purposes and benefits therein expressed.

NOTARY PUBLIC

This Document Prepared by:

Whittle Corporation HC 68 Box 14 Smithville, WV 26178 NOTARY PLBLE OFFICIAL SEAL
ROBERT J. HAUGHT
State of West Virginia
My Commission Expires March 23, 2019
118 Crestwood Dr. Parkersburg, WY FILE
Office of Oil and Gas

MAY 0 8 2014

WW	-2B1
(5-1	2)

Well No.	W-1649

#### 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 Microbac Laboratories

Sampling Contractor

158 Starlight Dr. Marietta, OH 45750

Well Operator Haught Energy Corporation

Address

12864 Staunton TPKE

Smithville, WV 26178

Telephone

304-477-3333

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.

No water wells within 1,000 feet of wellbore, will sample water source within 2,000 feet of well bore

Surfaces owners Contacted:

Ira M. Haught

**Brian & Christina Knight** 

210 East Main Street

8106 Cairo Road

Harrisville, 26362

Harrisville, WV 26362

WW-9 (5/13)

	Page	of
API Number 47 - 085		
Operator's Well	No. W-1649	

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

#### FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

L. Lucia de Deels Bue		
Watershed (HUC 10) Back Run	Qua	drangle Hamsville
Elevation 954'	County_Ritchie	District_Union
Do you anticipate using more than 5,000 b	ols of water to complete the pr	oposed well work? Yes X No
Will a pit be used for drill cuttings? Yes	XNo	
If so, please describe anticipated p	it waste: Drilling Water/ Fluid	- Flow Back
Will a synthetic liner be used in th	e pit? Yes X No	If so, what ml.? 20 mil
Proposed Disposal Method For Tr	eated Pit Wastes:	
Reuse (at API N	ection ( UIC Permit Number_ lumber_ ll (Supply form WW-9 for dis	
Will closed loop system be used? No		
Orilling medium anticipated for this well?	Air, freshwater, oil based, etc.	Air
-If oil based, what type? Synthetic	c, petroleum, etc. NA	
Additives to be used in drilling medium?	D 200 Drilling Soap (If Necessary)	
Orill cuttings disposal method? Leave in p	it, landfill, removed offsite, et	c. Leave Drill Cutting in Pit / Solidify Marcellus Cuttings
		ement, lime, sawdust) Lime, Cement
-Landfill or offsite name/permit n		
on August 1, 2005, by the Office of Oil and provisions of the permit are enforceable be aw or regulation can lead to enforcement at a certify under penalty of law the application form and all attachments the	d Gas of the West Virginia Dey law. Violations of any term action.  at I have personally examine reto and that, based on my the information is true, accurincluding the possibility of fin	of the GENERAL WATER POLLUTION PERMIT issued partment of Environmental Protection. I understand that the n or condition of the general permit and/or other applicable and am familiar with the information submitted on this inquiry of those individuals immediately responsible for rate, and complete. I am aware that there are significant e or imprisonment.
Company Official (Typed Name) Warren	11 1	
Company Official Title Agent		
company Common Trace		
Subscribed and sworn before me this	day of MAY	NOTARY PUBLIC OFFICIAL ROBERT J. HAUC State of West Virgin My Commission Expires Me 116 Crestwood Dr. Parkersbu

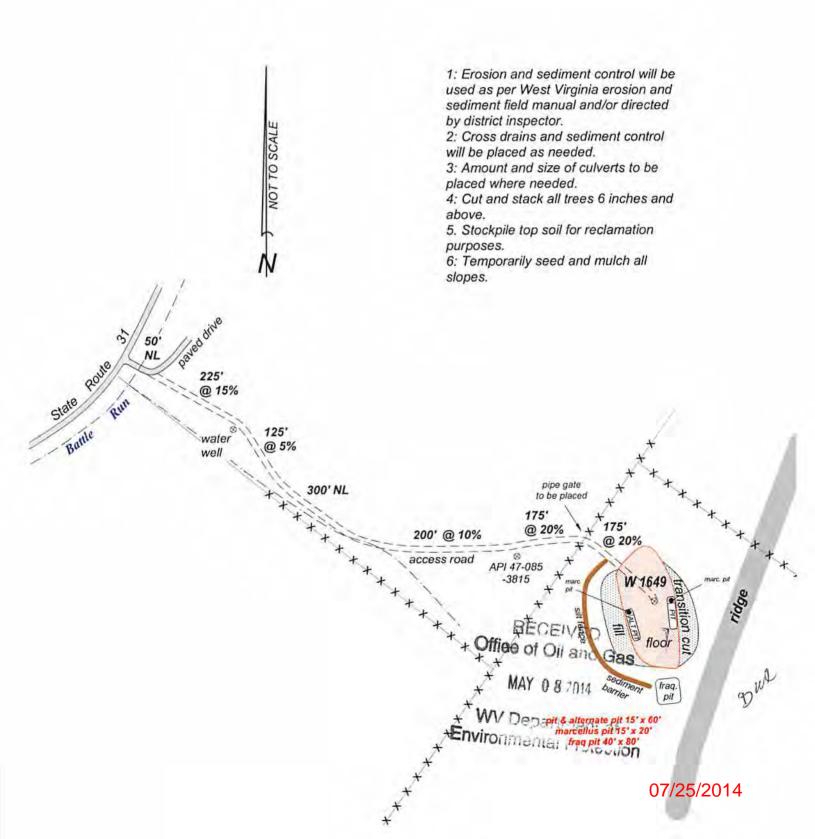
2019

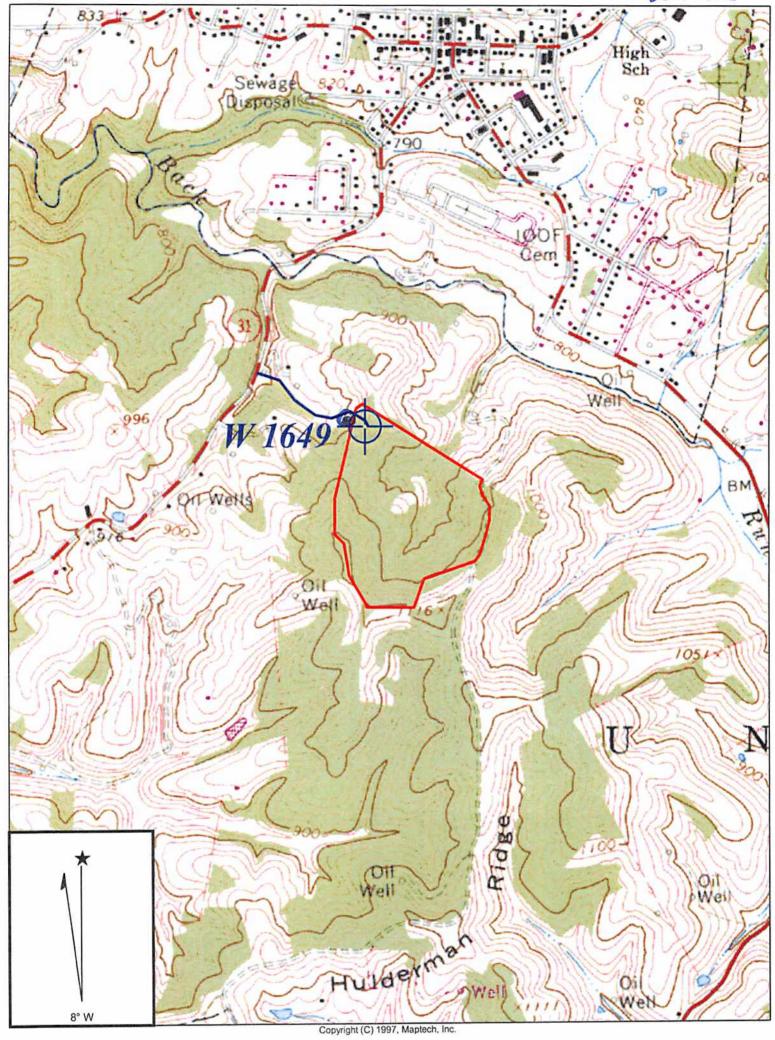
MARCH

My commission expires\_

Form WW-9	Operator's Well No. W-1649
Proposed Revegetation Treatment: Acres Disturbed 2.5  Lime 2 Tons/acre or to correct  Fertilizer (10-20-20 or equivalent) 600  Mulch 90 bales	5 AC Prevegetation pH 5.5  to pH 6.5 lbs/acre (500 lbs minimum)  Tons/acre
Area I Seed Type Ibs/acre Pasture Mix 100	Seed Mixtures  Area II  Seed Type lbs/acre  Pasture Mix 100
(Orchard Grass, Rye Grass, Timothy, Clover)	
Plan Approved by: Dawl	Mart
2 don per acre mais	all out area no less the
Title: <u>vil (gas mipirlas</u>	- 6.44

# Haught Energy, Inc. Well: W 1649 Ira M. Haught 53 Acre Lease Union District Ritchie County West Virginia





### HARRISVILLE QUADRANGLE

SCALE 1" = 1000'

## HAUGHT ENERGY CORP.

IRA M. HAUGHT 53 ACRE LEASE

07/25/2014 RECEIVED Office of Oil and Gas

MAY 082014

UNION DISTRICT

RITCHIE COUNTY

WEST VIRGINAL Department of Environmental Protection



May 6, 2014

To: WVDEP

Office of Oil and Gas

601 57th St SE

Charleston, WV 25304

From: Haught Energy Corporation

12864 Staunton Turnpike Smithville, WV 26178

Re: Permit Applications for new wells: W-1646 & W-1649

Enclosed are the Haught Energy Corporation permit applications for two separate wells located on separate lease properties. Also enclosed is a check for the fees associated with both permit applications. The surface owner waiver is attached for the W-1649 well along with the affidavit of delivery to the surface owner. The certified receipts for the surface owners of the W-1646 well are attached to that permit and we will send down images of the green cards once we receive them back in the mail. Please let us know if there is anything further you may need to process these permits.

Thanks,

Bobby Haught

Business Development Manager