

## 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

June 01, 2016

# WELL WORK PERMIT Partial Plug

This permit, API Well Number: 47-1502906, issued to CUNNINGHAM ENERGY, 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.

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.

Operator's Well No: KING 20H

Farm Name: TAYLOR, ROBERT

API Well Number: 47-1502906 Permit Type: Partial Plug

Date Issued: 06/01/2016

1)Date	May 23	3	,	2016	
2)Opera	tor's				
Well 1	No. King 2	ОН			
3) API We	ell No.	47-15		- 02906	-39

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

#### APPLICATION FOR A PERMIT TO PLUG AND ARANDON

	ATTICATION FOR A PERI	MII TO PLOG AND	ADANDON
4)	Well Type: Oil X / Gas X / Liquid		
	(If "Gas, Production or Und	derground stora	ge Deep/ Shallow_X
5)	Location: Elevation_1291'	WatershedTRIE	BUTARY OF PORTER CREEK
	District		Quadrangle
6)	Well Operator Address Address CUNNINGHAM ENERGY, LLC 3230 PENNSYLVANIA AVE. CHARLESTON, WV 25302		Agent RYAN E. M. CUNNINGHAM 1212 STAUNTON RD. CHARLESTON, WV 25314
8)	Oil and Gas Inspector to be notified  Name JEREMY JAMES  Address P.O. BOX 36  CLENDENIN, WV 25045	Name C	& J ENERGY s 770 INDUSTRIAL PARK ROAD JANE LEW, WV 26378
F F C	Work Order: The work order for the manner.  Run drill pipe to TD - 2242'  Pump 15 bbls of Pure Scrub Spacer  Follow with 275 sacks of cement  Follow with 5 bbls of Pure Scrub Spacer  Displace to Necessary Depth - Plug will	be set to 800'	this well is as follows:  The Plus Highlighten RECEIVED
	All flowback will be placed into a 100 bbl	. tank	Office of Oil and Gas
			MAY 2 4 2016
	•		WV Department of Environmental Protection
Noti work	fication must be given to the district oi can commence.	il and gas inspe	ector 24 hours before permitted
Work	order approved by inspector A august	Newlan	Date 5-24-/6
			06/03/2016

11	D .	
1)	Date:	
-/	2000.	

May 23, 2016

2) Operator's Well Number

King 20

3) API Well No.: 47 -

02906

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

	ner(s) to be served: /	5) (a) Coal Operator
(a) Name	Robert Taylor	Name
Address	1967 Bomont Road	Address
	Bomont, WV 25030	
(b) Name	**	(b) Coal Owner(s) with Declaration
Address		Name
		Address
(c) Name		Name
Address		Address
6) Inspector	Jeremy James	(c) Coal Lessee with Declaration
Address	P.O. Box 36	Name
	Clendenin, WV 25045	Address
Telephone	304-951-2596	

# 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
- 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.

RECEIVED Well Operator By: Ryan E. M. Cunningham Its: Member Address 3230 Pennsylvania Avenue Hicial Seal S. Ite of West Charleston, WV 25302 Joseph M Menas WV Department of 304-344-9291 270 172 Walnut St Telephone 15WOOD WV 261 Environmental Protection

Subscribed and sworn before me this

May

**Notary Public** 

My Commission Expires

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal 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 depprivacyoffier@wv.gov. 06/03/2016

	Page		of	
API Number 47 - 15		02906		
Operator's Well	No. KING	20H		

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

# FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CUNNINGham Energy LLC OP Code 2	6-2139186
Watershed (HUC 10) TRIBUTARY OF PORTER CREEK Quadrangle ELKHURST	7.5'
Elevation 1291' County CLAY District	<del>.</del>
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? You	es NoX
Will a pit be used for drill cuttings? Yes NoX	
If so, please describe anticipated pit waste: Clment Spacer (gel)	
Will a synthetic liner be used in the pit? Yes No If so, what ml.?_	
Proposed Disposal Method For Treated Pit Wastes:	
Land Application	
Underground Injection (UIC Permit Number 39-2210 UIC / 39-2296	UIC
Reuse (at API Number	
Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain	
Will closed loop system be used? NO	<u> </u>
Drilling medium anticipated for this well? 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?	
I certify that I understand and agree to the terms and conditions of the GENERAL WA	
on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environment provisions of the permit are enforceable by law. Violations of any term or condition of the gelaw or regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and am familiar with application form and all attachments thereto and that, based on my inquiry of those individuals.	ntal Protection. I understand that the neral permit and/or other applicable in the information submitted on this
Company Official Signature	MAY <b>2 4</b> 2016
Company Official (Typed Name) RYAN E. M. CUNNINGHAM	
Company Official Title MEMBER	WV Department of vironmental Protection
Subscribed and sworn before me this 24th day of May 2016 Notes	Official Seal Notary Public, State of West Virginia Joseph M Menas 220 1/2 Walnut St Ravenswood, WV 26164 My commission Topice 3 hind V21, 2022

Operator's Well No.	KING	20H	I
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Proposed Revegetation	on Treatment:	Acres Disturbed	1	fi.	Prevegetation pH	
Lime		Tons/acre or to cor		6.5		
	0.20.20	nivalent) 1/3 TC	ON "_			
	0-20-20 or equ HAY - 2	ivalent)		re (500 lbs m	inimum)	
Mulch	11/11 - 2		Tons/acre	;		
¥			Seed M	lixtures		
	Area I	Colonel The Security			Area I	
Seed Type		lbs/acre		000114	Seed Type	lbs/acre
KY - 31		40		ORCHA	RD GRASS	15
ALSIKE CLO	VER	50		ALSIKE	CLOVER	5
ANNUAL RY	Ξ	15				
	ñ					
Plan Approved by:	Douglas	Newlon				
Comments:						
<u>.</u>						
Title: Southern	Inspec	tor Super	V1301	Date: 5	-24-16	
Field Reviewed?	( /		(			
				, 1.0		RECEIVED

RECEIVED
Office of Oil and Gas

MAY 2 4 2016

WV Department of 05/03/2016 Environmental Protection

### **SURFACE OWNER WAIVER**

Operator's Well Number

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<b>▼</b> 1		u	_	u		

#### INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

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

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

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

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

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.

#### **VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have leave to be of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B office survey part Gas

I further state that I have no o objection to a permit being issued on thos FOR EXECUTION BY A NATURAL PETC.	se materiais.	e planned work Name	FOR EXECUTION WV	materials and I have no AY 24 2016 ON BY A CORPORATION, Department of mental Protection
Signature		By		D .
		Its _		Date
			Signature	06/03/2016

API No. 47-1502906

Farm Name TAYLOR, ROBERT

Well No. KING 20H

# 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	or/ owner/ lessee/ of the coal under this well location g work order. The undersigned has no objection to the work proposed to be well operator has complied with all applicable requirements of the Wesulations.
Date:	
	By:
	Its

RECEIVED
Office of Oil and Gas

MAY 24 2016

WV Department of Environmental Protection Form W-9

Cunningham Energy, LLC.

Page 1 of 1

King 20H



# **HUPP Surveying & Mapping**

Registration of the Company of the Performance of the Company of t

1" > 1000' Elkhurst Quad Cunningham Energy, LLC 3230 Pennsylvania Ave Charleston, WV 25302

06/03/2016

