

### 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

November 24, 2014

#### WELL WORK PERMIT

#### Horizontal Well

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

James Martin

API Well Number: 47-1502906

Permit Type: Horizontal Well Date Issued: 11/24/2014

## 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</u> conditions may result in enforcement action.

#### 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 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.
- 9. Be advised that if you drill a horizontal gas well other than a coalbed methane well, which disturbs three acres or more of surface, excluding pipelines, gathering lines and roads, or utilizes more than two hundred ten thousand gallons of water in any thirty day period it would require a permit/bond under Chapter 22-6A.

- 10. API well 15-02886 (Plugged) must be monitored during completion/hydraulic fracturing of API well 15-02906.
- 11. API well 15-70135 must have surface equipment capable of withstanding your proposed "Frac".
- 12. API well 15-70135 must be monitored during the completion/hydraulic fracturing process of well 15-02906.

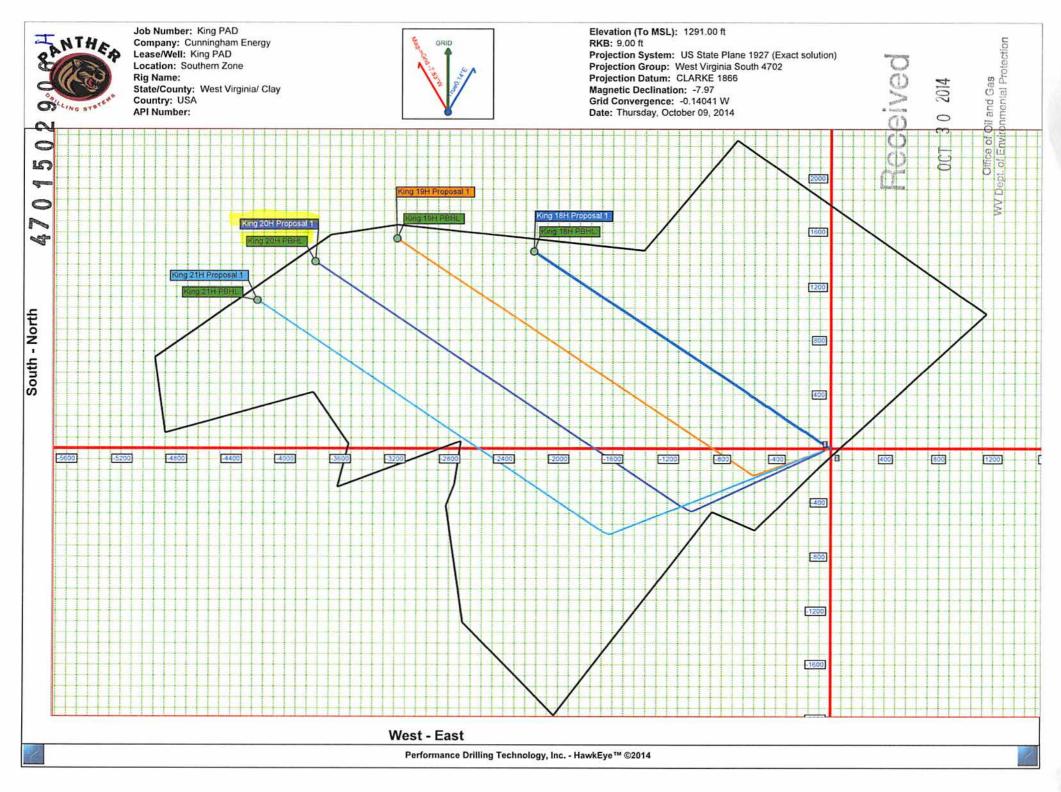
Office of Oil and Gas
WV Dept of Environmental 14/28/2014

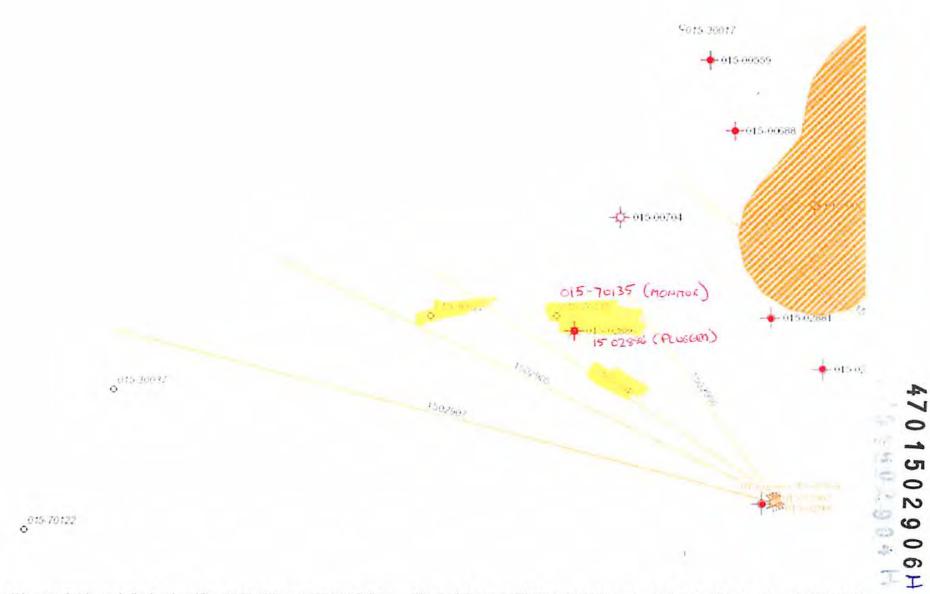
WW - 2B (Rev. 8/10)

Depths Set

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

1) Well Opera	tor: CUN	NINGHA	M ENERGY, LL	C 494508594	CLAY	UNION	ELKHURST 7.5'
				Operator ID	County	District	Quadrangle
2) Operator's	Well Num	ber:_KIN	IG 20H		3) Elevation:	1,291'	
4) Well Type:	(a) Oil_X	or G	as X				
	b) If Gas:	Produ	uction X / Und	derground Sto	rage		
		Dee	p/ S	shallow X	20		
<ul><li>5) Proposed T</li><li>6) Proposed T</li><li>7) Approximate</li><li>8) Approximate</li></ul>	otal Depti e fresh wa	n:5,20 ater strata		Formation at F	Proposed Ta Proposed Tot	rget Depth: 2 al Depth: BIG	2,150'
9) Approximate	e coal sea	m depth	s: NO COAL LIS	STED ON TIT	LE		
10) Approxima	te void de	epths,(co	al, Karst, other):	NONE			
11) Does land	contain c	oal seam	s tributary to act	ive mine? N	ONE		
12) Describe pro	oposed we	ell work ar	nd fracturing meth SHALLOW HOR	ods in detail (a	ttach addition	al sheets if nee	eded) THE PACKER
PLUS SYSTEM	HOWEV	ER IF TH	HE LATERAL DO	E NOT ALLO	W THIS WE	WILL RUN C	EMENT TO
SURFACE USI	NG THE	MEATHE	RFORD WET SI	HOE SYSTEM	AND PERF	ORATE.	
13)	10/2	9 14 04	SING AND TUE	ING PROGR	AM		
TYPE	SPECIFIC	ATIONS		FOOTAGE	INTERVALS	S CEMEN	NT
	Size	<u>Grade</u>	Weight per ft	For Drilling	Left in Well	Fill -up (Cu.	Ft.)
Conductor	13"	LS	43.6 LBS	30	30	CTS	
Fresh Water	9 5/8"	LS	26 LBS	400'	400'	CTS	
Coal							
Intermediate	7"	J-55	20 LBS	1900'	1900'	CTS	
Production	4 1/2"	N-80	11.6 LBS	5140'	5140'	PACKERS PL	US/CTS
Tubing						n	
Liners						Receiv	eu
Packers: Kind						OCT 30 2	014







Mr. Jeffrey McLaughlin WV DEP Office of Oil and Gas

Addendum to King 18H; 19H; 20H; 21H

Mr. McLaughlin:

The following wells were identified for plugging and/or have already been plugged to prevent communication during the frac process on our planned horizontal wells

King #1 - 47-01502886 - plugged King #4 - 47-01502894 - plugged

J.S. Cochran 6H - 47-01502895

47-05-70135 MUST HAVE APPROPRIATE SURFICE EQUIPMENT I WELL MIST BE MUNITARED DURING FAIL.

The following wells are producing wells at the same elevation that we have removed all surface equipment from and replaced with valves which we will monitor during both drilling and fracking:

J.S. Cochran #1 - 47-0150684

J.S. Cochran #2 - 47-01502883

J.S. Cochran #3 - 47-01502888

J.S. Cochran 4H - 47-01502897

J.S. Cochran 5H - 47-01502896

King #5 - 47-01502882

King #6 - 47-01502881

King #8 - 47-01502891

King #9 - 47-01502887

King #13 - 47-01502889

King #14 - 47-01502890

Young #2 - 47-0150688

Received

OCT 3 0 2014

Office of Oil and Gas WV Dept. of Environmental Protection

Connell Heirs #18 - 47-0150708 - We are working with Rouzer on this monitoring.

King #1 - 47-01500704 - We have sent notice to Charles Young via Certified Mail on 5/12/2014 and are working with him to proceed with this monitoring this well.

Daniel O. Thompson #1 - 47-01500603

In the opinion of Jim Rose, Petroleum engineer with Producers Service Corp, the treating pressures will be around 3500 psi. They will be using small stages at low rates.

Sincerely,

**Danielle Boggs** 

Cunningham Energy, LLC

Dave n. Woogys

## McLaughlin, Jeffrey W

From: Danielle Boggs <dani.bays@cunninghamenergy.com>

Sent: Friday, November 14, 2014 4:09 PM

To: McLaughlin, Jeffrey W

Subject: 47-01502904 \$ 47-015-70135

Jeff -

After review of the King 18H we have discovered additional wells to be added to the area review they are listed below:

47-01530022 – WP Griffith #2 This well is showing to be plugged on 6/8/1944 we will inspect this well to the best of our abilities to avoid any issues during the fracking process.

47-01570135 – George King #1 We are currently attempting to contact the operator of this well and make an agreement with them to change out any necessary surface equipment and monitor this well during the frac process.

Thank you and if you should need any further information, please feel free to contact me.

Thank you.

Danielle N. Boggs

Cumingham Energy
3230 Pennsylvania Ave
Charleston, WV 25302
Direct: (304) 344-9291
Cell: (304) 553-5850
Fax: (304) 344-9290

www.cunninghamenergy.com



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WVGES
eline"

elect County (015) Clay	▼ Select datatypes: (	Check All)	
nter Permit # 70135	Location	Production	Plugging
	✓ Owner/Completion	Stratigraphy	Sample
Get Data   Reset	✓ Pay/Show/Water	Logs	Btm Hole Loc

ological & Economic Survey:

Well: County = 15 Permit = 70135

Table Descriptions
County Code Translations
Permit-Numbering Series

Usage Notes Contact Informa

Report Time: Wednesday, November 19, 2014 5:42:34 PM

Location Information: View Map

Clay 70135 Union Elkhurst Clay 38.430481 81.231958 479754.3 4253605

There is no Bottom Hole Location data for this well

Owner Information:

API CMP\_DT SUFFIX STATUS SURFACE\_OWNER WELL\_NUM CO\_NUM LEASE LEASE\_NUM MINERAL\_OWN OPERATOR
4701570135 10/4/1912 Original Loc Completed George King 1 Koontz Oil & Gas PROP\_VD PROP\_TRGT\_FM

Completion Information:

API CMP\_DT SPUD\_DT ELEV DATUM FIELD DEEPEST\_FM DEEPEST\_FMT INITIAL\_CLASS FINAL\_CLASS TYPE
4701570135 10/4/1912 4-4- unclassified unclassified not ava CMP MTHD TVD TMD NEW FTG G BEF G AFT O BEF O AFT P BEF TI BEF P AFT TI AFT not available unknown unknown

There is no Pay data for this well

There is no Plugging data for this well

WW-	2A
∵(Rev.	6-07)

1). Date:	JUNE 19, 2014		
2.) Operator's	Well Number	KING 20H	
3.) API Well N	State	County	Permit
- Andrew Practical M	U., 17- 1		<u> </u>

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

4) Surface O	vner(s) to be sen	ved:	ENGLIS AND LOSS AND
(a) Name	ROBERT TAYLOR		5) (a) Coal Operator
Address	1967 BOMONT RO		Name NONE
	BOMONT, WV 2503		Address
(b) Name			4.00
Address			(b) Coal Owner(s) with Declaration
		The state of the s	wame
			Address
(c) Name			
Address			Name
2.	<u> </u>		Address
<ol><li>6) Inspector</li></ol>	ED GAINER		
Address	P.O. BOX 821		(c) Coal Lessee with Declaration
	SPENCER, WV 2527	6	Ivame
Telephone	304-389-7582		Address
	To The	PERCONO	
Cortify th	information required und it as required und it as required und it as required und it as required	red by Chapter der Chapter 22 mpanying docu ice (Affidavit at	NAMED ABOVE TAKE NOTICE THAT: Ing contract or contracts by which I hold the right to extract oil and gas  22. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 3. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 3. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 3. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Article 6, Section 8(d) of the Code of West Virginia (see page 2) 4. Arti
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The Office of Olf 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, please contact DEP's Chief Privacy Officer at

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Restricted Delivery (Endorsement Requirement Requirement Total Postage &	Feas \$ 7,40	30-H
Sent 10 Street, Apt. No.: or PO Box No. City, State, ZIP	Robert Tay 1967 Bomont Bomont, WV	Road
PS Form 3800	August 2006	

Received

OCT 3 0 2014

Office of Oil and Gas WV Dept. of Environmental Protection Operator's Well Number KING 20H

## 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
CUNNINGHAM ENERGY, LLC	CUNNINGHAM ENERGY, LLC	1/8	210/58

## 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

Heceived

OCT 3 0 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

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 appr opriate aut hority before the affected activity is initiated.

Well Operator: By:Its:

WW-2B1 (5-12)

Well No. KING 20H

### 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 STURM ENVIRONMENTAL

Sampling Contractor

HUPP SURVEYING

Well Operator CUNNINGHAM ENERGY, LLC

Address

3230 PENNSYLVANIA AVENUE

CHARLESTON, WV 25302

Telephone

304-344-9291

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.

Received

OCT 3 0 2014

Office of Oil and Gas WV Deal of Environmental Protection

5608	(Domestic Mail O	MAIL <sub>TM</sub> REC	overage Provided)	
Part of	For delivery informs	ation visit our website	at www.usps.com	
4264 5000 094E	Postage  Certified Fee  Return Receipt Fee (Endorsement Required)  Restricted Delivery Fee (Endorsement Required)	\$ ,49 2.30 2.70	OCT 29 Postmark/4 Here	
7012 34	Street, Apr. 1967 E	t Taylor Bomont Road nt, WV 25030	20-H	ons

## Received

OCT 3 0 2014

Office of Oil and Gas WV Dept. of Environmental Protection

## HUPP Surveying & Mapping 4701502906 H

## **GRANTSVILLE, WV 26147**

(304) 354-7035 hupp@frontiernet.net FAX: (304) 354-6548

June 2, 2014

RE: Water Samples for King 20H

There appears to be one (1) potable water sources within 1,500' of King 20H, therefore tests should be offered and samples taken as required.

Robert Wayne Taylor
 1967 Bomont Rd.
 Bomont, WV 25030
 Tax Map 17 Parcels 46 & 47

MUST TEST & TAKE SAMPLE BEFORE SPUDDING.

Received

OCT 3 0 2014

Office of Oil and Gas
WV Doot or Environmental Protection

WW-9 (5/13)

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11.00 14.00 14.00 200 200 200

API Number 47 -15	Page of
Operator's Well N	O. KING 20H

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

## FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

The Land Tion PLAN
Operator Name CUNNINGHAM ENERGY, LLC
Watershed (HUC 10) TRIBUTARY OF WADE FORK Quadrangle ELKHURST 7.5:
Aggranation control (1)
Elevation 1.291' County CLAY District UNION
Do you anticipate using more than 5,000 bbls of water to complete the more
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
If so, please describe anticipated pit waste: DRILL CUTTINGS, ELLIPS TO SECOND
No to
Proposed Disposal Method For Treated Pit Wastes:
Land Application
Underground Injection (UIC Permit Number 2D0392210 - IF NEEDED  Reuse (at API Number
Off Site Disposal (Supply form WW of for discuss to
Other (ExplainOther (Explain
Will closed loop system be used? NO
Drilling medium anticipated for this well? Air. freshwater, oil based, etc. AIR: FRESHWATER  -If oil based, what type? Synthetic perfoleum etc.
-If oil based, what type? Synthetic, petroleum etc.
-If oil based, what type? Synthetic, petroleum, etc.  Additives to be used in drilling medium? SOAP; KCL and/or CLAY STABILIZER
The state of the s
Drill cuttings disposal method? Leave in pit. landfill, removed offsite, etc. LEAVE IN PIT/HAUL IF NEEDED
-if left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) CEMENT & LIME
Manufertific number? CITY OF CHARLESTON LANDFILL
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas 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 obtaining the information. I believe that the information is true, accurate, and complete. I am award that the information is true, accurate, and complete. I am award that the significant
significant including the possibility of fine or imprisonment
Company Official Signature
Company Official (Typed Name) RYAN E. M. CUNNINGHAM NOV 3 2014
Company Official Title PRESIDENT
Office of Oil and Gas  WV Dept. of Environmental Protection
Subscribed and enter her 213
day of JUNE CATORIE . 20 14 COROLLEUM
NOTARY PUBLIC STATE OF WEST VISIONIA
(Cumbing Fixed of the Company of the
3230 Pannojarania Arakas Charlestoni, My Commission Explose February 10

Operator's Well No. KING 20H

Lima 3	ent: Acres Disturbed2	.75 Prevegetation pH	re e
Lime3	Tons/acre or to correct to pl	0.5	
Fertilizer (10-20-20 or Mulch_HAY - 2	1/3 TON	s/acre (500 lbs minimum)	
	Sec	ed Mixtures	
Seed Type  KY 31	I lbs/acre 40	Seed Type ORCHID GRASS	lbs/acre
ALSIKE CLOVER	5	ALSIKE CLOVER	5
ANNUAL RYE	15	ALOINE CLOVER	5
Plan Approved by:	4		
Plan Approved by:  Comments:  Sec	unent con	trol to be in	place at
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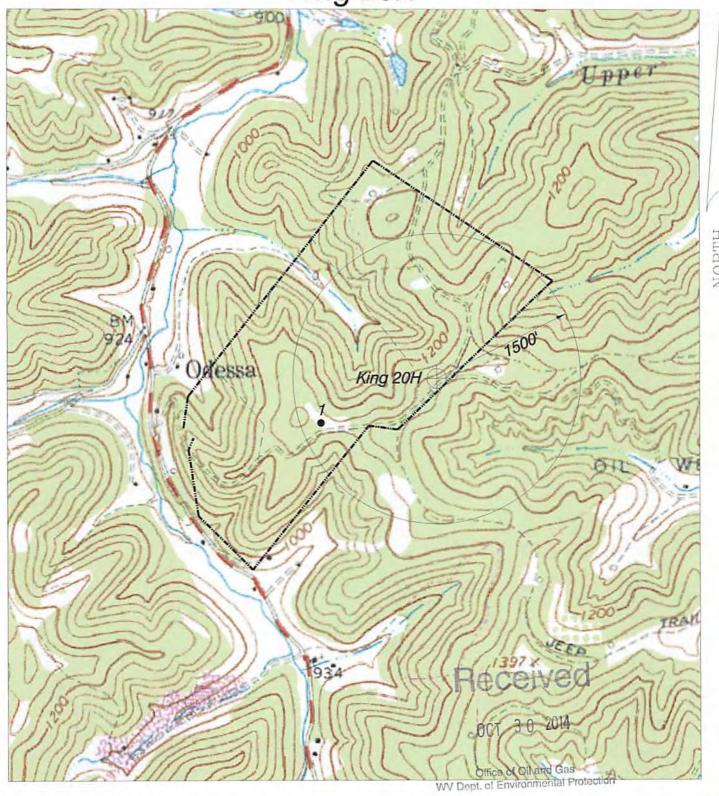
OCT 3 0 2014

CUNNINGHAM ENERGY, LECO 15029061 Form W-9 Page 1 of 1 KING 20H TAYLOR MAP 17 PARCEL 46 4 Coss Trailer Area 110 NORTH 20H 19H 18H TAYLOR MAP 17 PARCEL 53 King #14 21H All State BMP's to be followed. Install Minimum 12' Culvert Received SEDIMENT BASINS, TRAPS AND APPROPRIATE EROSION CONTROL BARRIERS ARE CONSTRUCTED AT ALL CULVERT AND CROSS BRAIN INLETS AND DUTLETS AS IN THE UV DEP, UIL AND GAS BAY MANUAL, FIELD CONDITIONS CROCK DUT BEDROCKS MAY PROUBLE IN.E. TRAPS BEING INSTALLED WHEN THESE CON EXIST, AUDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND OC 3 0 2014 EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NUTIFYING TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN 6 CONTRACTORS/COMPANY ARE RESPONSIBLE FOR LOCATING UTILITIES WHETHER SHOWN ON THIS PLAN OR NOT Ottion of Oil and Gas TEMPORARILY SEED AND MOLCH ALL SLUPES AFTER CONSTRUCTION OF LOCATION Way the Link Espironmental Protection BUT AND STACK ALL TIMBER ABOVE 6-INCHES IN DIAMETER AND THICKER STACK BRUSH BELDW LOCATION FOR SECONENT CONTROL **HUPP Surveying & Mapping** Drafted BY: Date Drafted: Job Number: P.O. BOX 647 GRANTSVILLE, WV 26147 DB 10/27/14 w20122138 11/28/2014 PH:(304)354-7035 E-MAIL: hupp@frontiernet.net

Form W-9

Cunningham Energy, LLC. King 20H

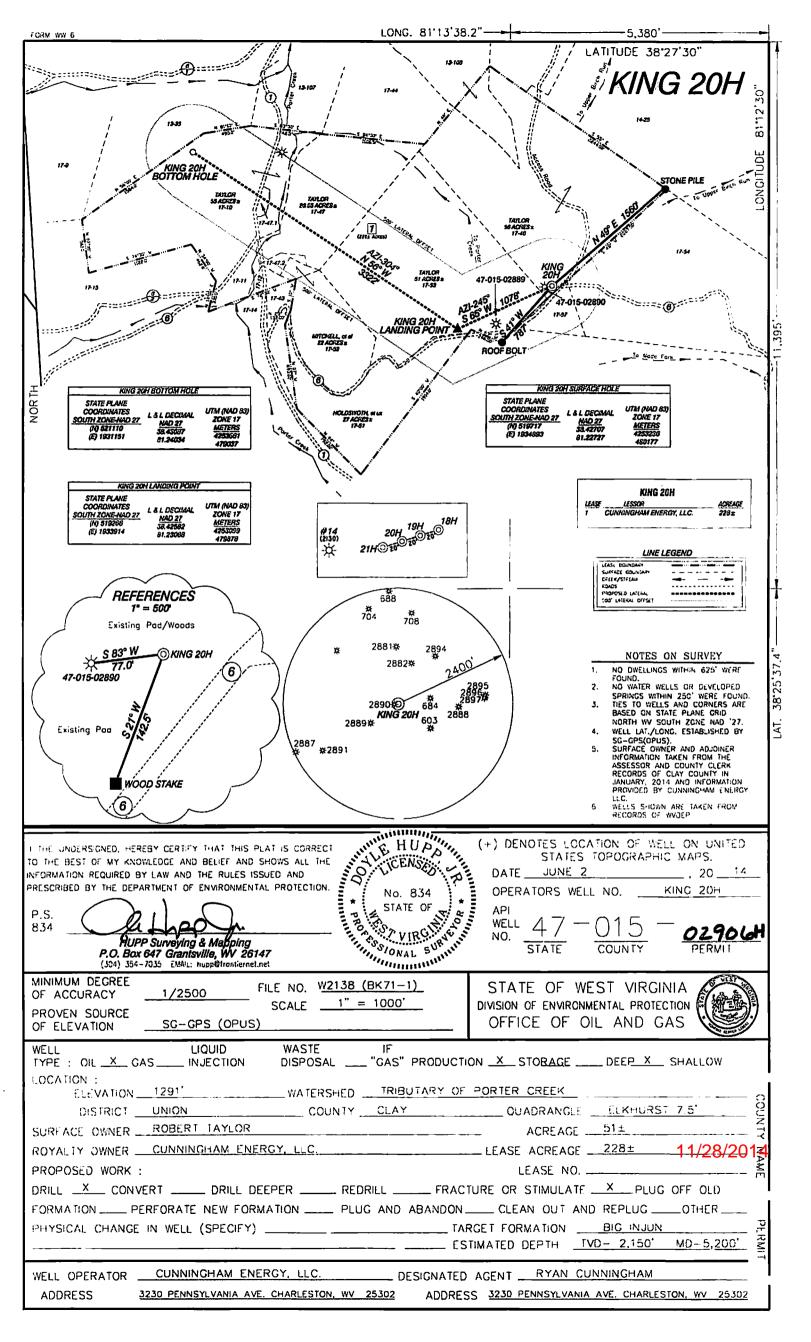
Page 1 of 1



## **HUPP Surveying & Mapping**

P.O. BOX 647 GRANTSVILLE, WV 26147 PH:(304)354-7035 E-MAIL: hupp@frontiernet.net 1" = 1000' Elkhurst Quad Cunningham Energy, LLC. 3230 Pennsylvania Ave. Charleston, WV 25302

11/28/2014





September 26, 2014

Re: King 18H, 19H, 20H, 21H Original Lessor(s): King 156 Acres, more or less Union District, Clay County, West Virginia

## Statement on Road Searches in Clay County, WV

The writer has researched the records of the Office of the Clay County Clerk in reference to the following curative requirement:

According to John McHugh, Right of Way attorney for the West Virginia Department of Transportation, numerous Clay county roads were accepted into the state road system in 1931, pursuant to W. Va. Code § 17-2A-8, and were included in the 1933 "Scrolls of the State Road Commission of West Virginia." This is a list of all of the roads that transferred from county to state control.

Whatever interest Clay County had in a particular county road in 1931 was the same interest that the State acquired at that time- no more or no less. Many county roads were acquired by prescriptive easement and consist of a right-of-way only over the surface. However, some were acquired by deed in fee simple. Therefore, because the state road commission acquired whatever interest the county had, to determine if the state of West Virginia owns the minerals under a particular road in fee simple or merely has an easement, it will depend upon the particular circumstance of acquisition.

According to John McHugh, Right of Way attorney for the West Virginia Department of Transportation, absent evidence of acquisition that a particular roadway was acquired in fee simple, the road is presumed to be an easement, and therefore will not require the state of West Virginia to sign an Oil and Gas lease.

A search was conducted for the property covered by the above listed Title Opinion, and no record of acquisition has been found in the Clay County records covering any roads that may cross or border the property.

Because no fee simple deeds haves been found in the Office of the Clay County Clerk covering any roads that may cross or border the property covered by the above listed Title Opinion, it is the writer's understanding from all known evidence that any road that may cross or border the property is an easement only, and will not require an oil and gas lease from the state of West Virginia.

Thank you for your time and attention,

Sincerely,

Ryan E. M. Cunningham

President

Cunningham Energy, LLC

Received

OCT 3 0 2014

Office of Oil and Gas
WV Dupr. of Environmental Protection

11/28/2014