

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: 47-1502905, 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.

Biller

James Martin

Operator's Well No: KING 19H

Farm Name: TAYLOR, ROBERT

API Well Number: 47-1502905

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 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 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. Must monitor well 15-30022 (Plugged in 1944) during hydraulic fracturing process or other type of well stimulation.

WW - 2B (Rev. 8/10)

Depths Set

4701502905+6K# 9089 \$650°

Office of Oil and Gas

11/28/2014

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

						5	334
1) Well Operat	tor: CUN	ININGHA	AM ENERGY, LLC	494508594	CLAY	UNION	ELKHURST 7.5'
				Operator ID	County	District	Quadrangle
2) Operator's \	Well Num	ber: KIN	NG 19H		3) Elevation	1,291'	
4) Well Type: ((a) Oil_X	or G	as X				
(b) If Gas	Prod	uction X / Und	erground Sto	rage		
			ep/ SI				
8) Approximate	e salt wat	er depth	s: 1475' - 1525'			rget Depth: 2 tal Depth: BIG	,150' INJUN
a) Approximate	e coal sea	am depth	s: NO COAL LIS	TED ON TH	LE		
10) Approxima	te void de	epths,(co	al, Karst, other):	NONE			
11) Does land	contain c	oal seam	ns tributary to activ	ve mine? N	ONE		
(12) Describe pro	posed we	ell work a	nd fracturing metho	ds in detail (a	ttach addition	al sheets if need	ded)
RILL AND ST	MULATE	A NEW	SHALLOW HOR	ZONTAL WE	ELL. WE PL	AN TO RUN TI	HE PACKER
URFACE USIN	HOWEV	MEATHE	HE LATERAL DO RFORD WET SH	E NOT ALLO	W THIS WE	WILL RUN CE	EMENT TO
11	11	29/14	IN OND WE! OF	IOL STOTEN	AND PERF	ORATE.	
TYPE S	SPECIFIC	ATIONS	ASING AND TUB				
	TATE OF THE PARTY		ANTONIA TO THE PARTY	FOOTAGE	INTERVAL		<u>T</u>
17	Size	Grade		For Drilling	Left in Well	Fill -up (Cu. 1	Ft.)
Conductor	13"	LS	43.6 LBS	30	30	CTS	
Fresh Water	9 5/8"	LS	26 LBS	400'	400'	CTS	2.3
Coal							
Intermediate	7"	J-55	20 LBS	1900'	1900'	CTS	
Production	4 1/2"	N-80	11.6 LBS	5140'	5140'	PACKERS PLU	S/CTS
Tubing		7				-	
Liners						HOCCHY	ed
Packers: Kind	-		-			OCT 3 0 20	14

PANTHEA ± Job Number: King PAD Company: Cunningham Energy Lease/Well: King PAD Location: Southern Zone

Rig Name: State/County: West Virginia/ Clay

Country: USA API Number:



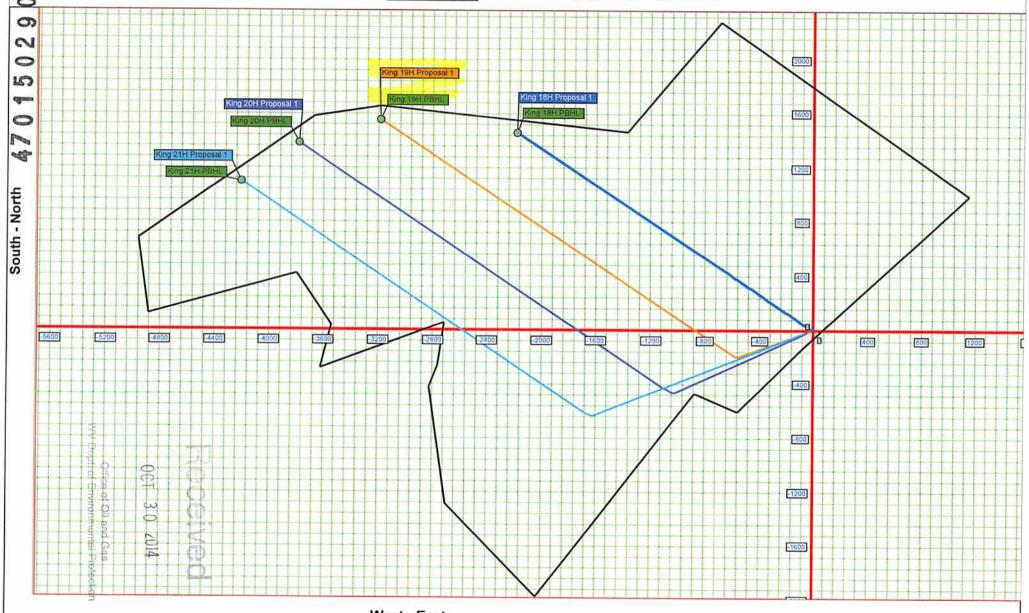
Elevation (To MSL): 1291.00 ft

RKB: 9.00 ft

Projection System: US State Plane 1927 (Exact solution)

Projection Group: West Virginia South 4702

Projection Datum: CLARKE 1866 Magnetic Declination: -7.97 Grid Convergence: -0.14041 W Date: Thursday, October 09, 2014





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

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

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,

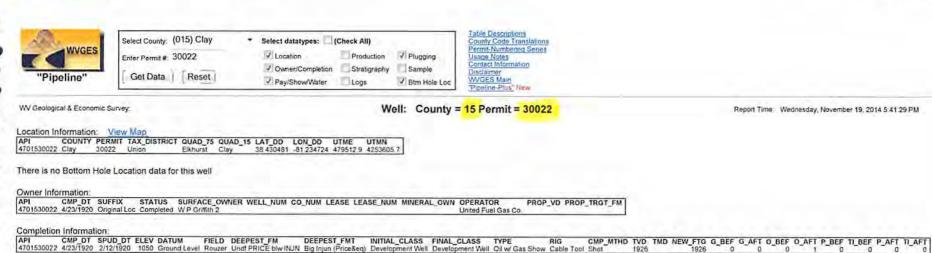
Danielle Boggs

Cunningham Energy, LLC

Received

OCT 3 0 2014

Office of Oil and Gas WV Dept. of Environmental Protection.



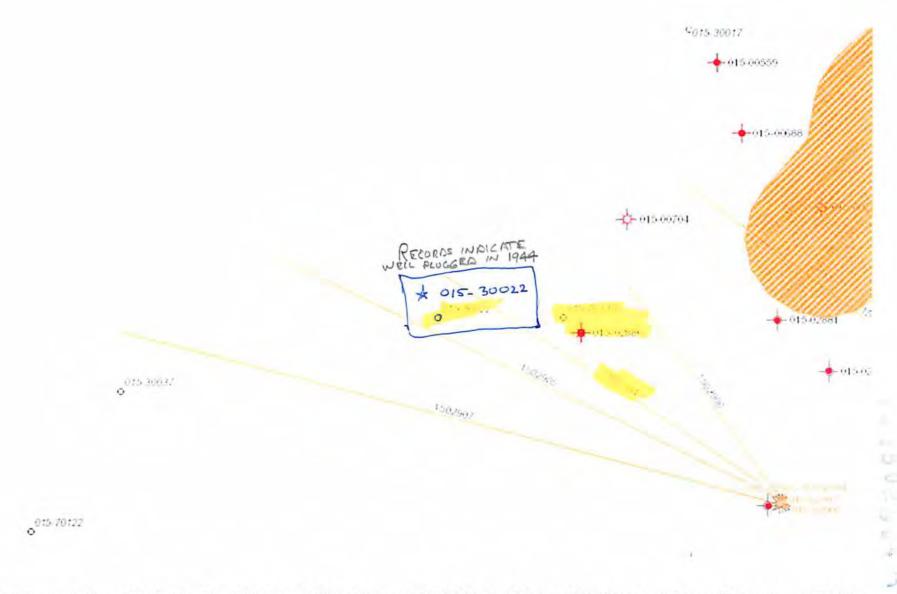
Pay/Show/Water Information:

Pay/Snow/Vater Information:

API CMP_DT ACTIVITY PRODUCT SECTION DEPTH_TOP FM_TOP DEPTH_BOT G_BEF G_AFT O_BEF O_AFT WATER_ONTY
4701530022 4/23/1920 Show Gas Vertical 960 undetermined unit 0 0
4701530022 4/23/1920 Pay Oil Vertical 1900 Big Injun (Price&eq) 1920 Big Injun (Price&eq) 0 1

Plugging Information:

API PLG_DT DEPTH_PBT
4701530022 6/8/1944 0



WW-2A (Rev. 6-07)

1). Date: JUNE 19, 2014

2.) Operator's Well Number KING 19H

> State County

Permit

3.) API Well No .:

47-

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 serv	ed:	5) (a) Coal Operator			
(a) Name	ROBERT TAYLOR		Name NON			
Address	1967 BOMONT ROA	AD	Address			
	BOMONT, WV 25030)	=			
(b) Name			(b) Coal Owner	(s) with Declar	ation	
Address			Name	(e) min boolan	211011	
			Address			
	1				-	
(c) Name			Name			
Address			Address			
71441400						
6) Inspector	ED GAINER		(c) Coal Lessee	with Declarati		
Address	P.O. BOX 821		Name	with Declarati	on	
/ (ddi 000	SPENCER, WV 2527	6	Address			
Telephone	304-389-7582	0,	Address			
relephone		E DEDCONC N	AMED ADOME TAKE			
Included in t	ho loops or loops	E PERSONS NA	AMED ABOVE TAKE	NOTICE THAT	<u>:</u>	
OD ITICIQUEU IS I	ne lease of leases	or other continuin	g contract or contracts by	which I hold the	e right to ex	tract oil and gas
OR	La farancia de la composición dela composición de la composición de la composición dela composición dela composición dela composición dela composición de la composición de la composición dela composición					
A included is t	ne information requ	ired by Chapter 2	2, Article 6, Section 8(d)	of the Code of V	Vest Virginia	a (see page 2)
i certify	that as required un	ider Chapter 22-6	of the West Virginia Co	ode I have son	ed conice e	f this satisfies
application, a loc	ation plat, and acco	impanying docum	ients pages 1 through	on the above	named part	es by:
_	Personal Ser	vice (Affidavit atta	ached)		and the same of the same	
	X Certified Mail	(Postmarked pos	stal receipt attached)			
_	Publication (N	Notice of Publicat	ion attached)			
I have re	ad and understand	Chapter 22-6 ar	nd 35 CSR 4, and I agree	e to the terms	and condition	ons of any permit
issued under tills	application.					
this application f	under penalty of lat	w that I have per	sonally examined and ar	n familiar with t	he informati	on submitted on
triis application i	orin and all allachr	nents, and that b	ased on my inquiry of the	nose individuale	immediately	responsible for
l am awa	are that there are si	anificant penaltic	n is true, accurate and co	omplete.		
imprisonment.	no mat mere are si	grinicant penaltie	s for submitting false info	ormation, includi	ng the poss	ibility of fine and
		Well Operator	CUNNINGHAM ENERGY, L	ic C	1	_
mmm	mmmm	7 By:	RYAN E.M. CUNNINGHAM		(m)	1.100
STREET	OFFICIAL SEAL NOTARY PUBLIC	} its:	PRESIDENT		HOCE	SIVEO
	STATE OF WEST VIRGINIA DANIELLE N. BAYS	Address	3230 PENNSYLVANIA AVE	NUE		
	Curvingham Energy, LLC	{	CHARLESTON, WV 25302	NOC	1774	0.0017
3230 Penns	rytvenia Avenue, Charleston, WV 25302 nmiaelon Expirea Fabruary 10, 2015	Telephone	304-344-9291		- NOV	3 2014
	worn before me thi	s 30 day o	winds to the second	. 2014		
2.6			TO 70170	, 2014		
W.	· 11.	LR		Notary Public	Office of (Oil and Gas onmental Protection
My Commission I	Expires FEBRUAR	Y 10, 2015		Total y 1 diply	Dept. of Envir	Juliena Floreston
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 depprivacyofficer@wv.gov

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2012	Sent To Relate + Street, Apt. No.; or PO Box No. 191	Taylor 07 Bonont	Pol.
1	City, State, ZIP+4		25030
	PS Form 3800, August 2		See Reverse for Instructions

Received

OCT 3 0 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Operator's Well Number KING 19H

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

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 appropriate authority before the affected activity is initiated.

Well Operator:

By:Its:

WW-2B1	
(5-12)	

Well No.	KING 19H	

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

leceived

OCT 3 0 2014

Officer of Oil part Gina 11/28/2014

HUPP Surveying & Mapping 4701502905H

GRANTSVILLE, WV 26147

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

June 2, 2014

RE: Water Samples for King 19H

There appears to be one (1) potable water sources within 1,500° of King 19H, 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

SAMPLE MUST BE TAKEN

Received

OCT 3 0 2014

2547	(Domestic Mail O	MAIL RE	Coverage Provided)
	OFF	INTAI	11.4-5
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7012 3	Street, Apt. N 1967	t Taylor Bomont Road	
I.e.	City, State, Z. Bomo	nt, WV 2503	0

Received

OCT 3 0 2014

WV Dept. of Environmental Protest 872014

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				_		•	•	•

API Number 47-15	Page	of	
Operator's Well	No. KING 19H		

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

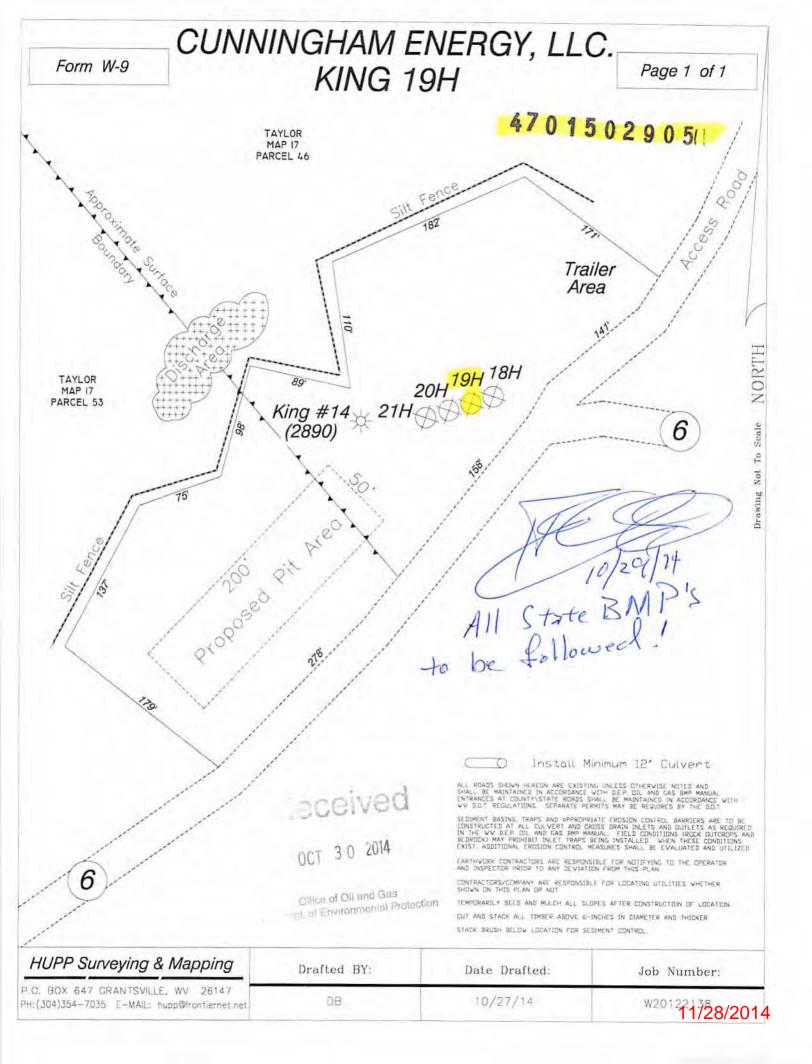
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

•		- CAN	
Operator Name CUNNINGHAM	M ENERGY, LLC	OD G 1 40450050	
Watershad (ULIC 10) TOIDLIT	A DV OF LIVE	OP Code 494508594	
Watershed (MOC 10) TAIBUTA	ARY OF WADE FORK Qua	drangle _ELKHURST 7.5'	
Elevation 1.291'	Course CLAY		
		District UNION	-
Do you unticipate using more that	an 5,000 bbls of water to complete the proges? Yes X	Opposed well work?	
If so, please describe an	ticipated pit waste: DRILL CUTTINGS &	FLUIDS FROM DRILING AND FRACE	
->	used in the pit? Yes ^ No	If so what ml 2 30 Mil	URING
Proposed Disposal Meth	od For Treated Pit Wastes:	so. what mi, do wit.	
Land A	Application		
Underg	ground Injection (UIC Permit Number	2D0392210 - IF NEEDED	
10050	/dt 2r 1 Annober		
Other (e Disposal (Supply form WW-9 for disp (Explain_		·/
			:
Will closed loop system be used?			
Drilling medium anticipated for th	is well? Air. freshwater, oil based, etc. A	AIR; FRESHWATER	
Alex.	by micric, penoicilm, etc.		-
	The state of the s	1750	
Drill cuttings disposal method? Le	ave in pit. landfill. removed offsite, etc.	IZER	
-If left in pit and plan to so	lidify what mading will be	LEAVE IN PIT/HAUL IF NEEDED	
-Landfill or offsite name(n	olidify what medium will be used? (ceme	ent. lime. sawdust) CEMENT & LIME	 _
	ermit number? CITY OF CHARLESTON	LANDFILL	
I certify that I understand on August 1, 2005, by the Office of	and agree to the terms and conditions of Oil and Gas of the West Virginia Depart	the GENERAL WATER POLLUTION	
provisions of the permit are enforce	and agree to the terms and conditions of Oil and Gas of the West Virginia Depart eable by law. Violations of any term or ement action.	ment of Environmental Protection. I	IN PERMIT issued
aw or regulation can lead to enforce	ement action.	condition of the general permit and/	or other applicable
Ipplication form and all and	law that I have personally examined as	nd am familiar with a	and a company
btaining the information. I believe	law that I have personally examined and the state of the	and complete I am ammediate	ly responsible for
real command this inform	e that the information is true, accurate, action, including the possibility of fine or	imprisonment. NOV	cre are significant 3 2014
ompany Official Signature		NOY	3 2011
ompany Official (Typed Name) R	YAN E. M. CUNNINGHAM	Office	of Oil and Gas
ompany Official Title PRESIDEN	NT	WV Dept. of Er	wirenmental Protection
			
ubscribed and swom before me this	314		
O Solore me mis	day of WHE DAD	. 20 14	
- Albert		Notary Public Session	OFFICIAL SEAL NOTARY PUBLIC
y commission expires 02/10/2015			STATE OF WEST VIRGINIA DANIELLE N. BAYS
			Cunninghun Ezerga (US () 1 o O Percentraria Avenue, Charleson, W 255

Operator's Well No. KING 19H

Elime 3 Tons/acre or to correct to pH 6.5 Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum) Mulch HAY - 2 Tons/acre Seed Mixtures Area II	Proposed Revegetation Treatmen	nt: Acres Disturbed	2.75	Prevegetati	on pH	
Fertilizer (10-20-20 or equivalent) Mulch HAY - 2 Tons/acre Seed Mixtures Area I Seed Type Area I Seed Type Area I Seed Type Area II Se	2		орН 6.5			
Mulch HAY - 2 Seed Mixtures Area I Seed Type KY 31 AU AU ACCITION GRASS ACCITION GRASS ACCITION GRASS ACCITION GRASS ALSIKE CLOVER AU ALSIKE CLOVER ALSIKE CLOVER ALSIKE CLOVER ALSIKE CLOVER ALSIKE CLOVER ALSIKE CLOVER AU Au Accition Accition Au Accition Alsike Clover Accition Alsike Clover Accition Alsike Clover Accition Alsike Clover Accition Accitio	Fertilizer (10-20-20 or			minimum)		
Area I Seed Type Ibs/acre KY 31 AU ORCHID GRASS 15 ALSIKE CLOVER AREA II ALSIKE CLOVER	Mulch HAY - 2			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Area I Seed Type KY 31 Alsike Clover And I Area II Seed Type ORCHID GRASS 15 ALSIKE CLOVER Area II Area II Area II Area II Area II Alsike Clover Alsike Clover Alsike Clover Alsike Clover Alsike Clover Alsike Clover Area II Area II Area II Area II Alsike Clover Area II Area II Area II Area II Area II Alsike Clover Alsi						
Seed Type lbs/acre Seed Type lbs/acre KY 31 40 ORCHID GRASS 15 ALSIKE CLOVER 5 ALSIKE CLOVER 5 ANNUAL RYE 15 Attach: Drawing(s) of road, location, pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Comments: Segliment protection is place at	Area I				Area II	
ALSIKE CLOVER 5 ANNUAL RYE 15 Attach: Drawing(s) of road, location,pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Segliment protection is place at	Seed Type			Seed Type	/iica ii	lbs/acre
Attach: Drawing(s) of road, location, pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Segliment protection is place at	KY 31	40	ORCH	IID GRASS		15
Attach: Drawing(s) of road, location,pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Segliment protection is place at	ALSIKE CLOVER	5	ALSIK	E CLOVER		5
Drawing(s) of road, location,pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Segliment protection is place at	ANNUAL RYE	15				
	Drawing(s) of road, location,pit		application.			

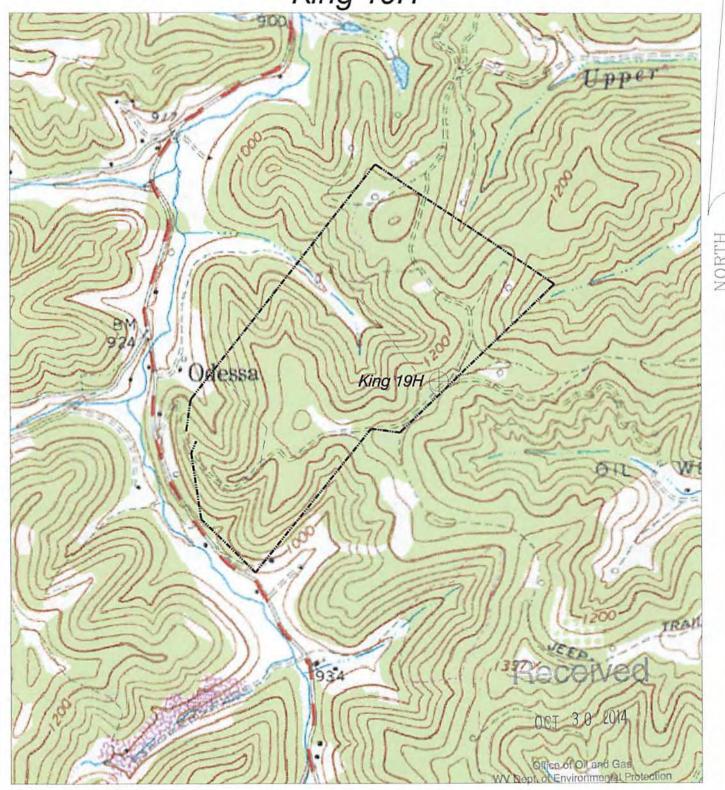
OCT 3 0 2014



Form W-9

Cunningham Energy, LLC. King 19H

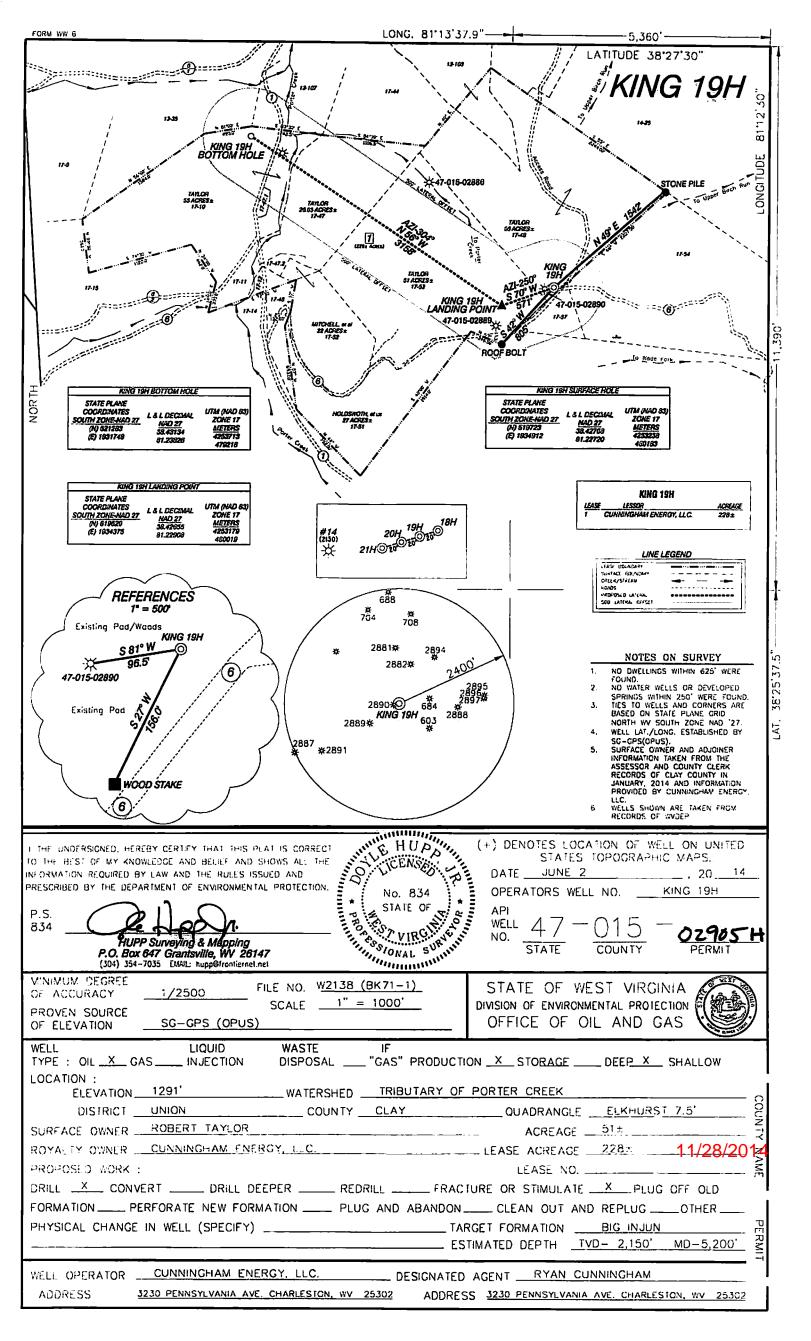
Page 1 of 1



HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147 PH:(304)354-7035 E-MAIL: hupp@irontiernet.net 1" = 1000' Elkhurst Quad Cunningham Energy 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

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11/28/2014