

#### 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

September 24, 2014

#### WELL WORK PERMIT

#### Vertical Well

This permit, API Well Number: 47-5902249, issued to QUALITY NATURAL GAS, 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.

James Martin

Chief

Operator's Well No: 2356

Farm Name: LOGAN COAL & TIMBER CORP.

API Well Number: 47-5902249 Permit Type: Vertical Well

Date Issued: 09/24/2014

#### 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.

Form: WW - 2B

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

)Well Operator	Qualit	y Natural (	Gas, LLC	4944	77013	059	Magnolia	Majestic
, cir opolator	(topology)			Oper	ator ID	County	District	Quadrangle
) Operators Well	Number 2	356		3)	) E	levation:	893.6'	-
) Well Type: (a) (b) If	Gas:	Produc	tion / U ShallowX	Inderground Stor	age	_		
) Proposed Targe ) Proposed Total ) Approximate fre ) Approximate sa	Depth:esh water s	+/- 4356' strata depth	And the second s	ation at Propo Coal 428'	opose sed To	d Targe otal Dep	et Depth: <u>413</u> oth: <u>Harrell (</u>	<u>6'</u> Genesee) -
) Approximate co			426'-428' rst, other): None	expected. If a vo	id is end	countered	d see WW-2B /	Attachment
1) Does land cor	ntain coal s	eams tribu	stary to active mine	? No				
Does land cor     Describe propo	ntain coal s osed well w	seams tribu vork in deta	tary to active mine and completed and complete and	? No ete.  BING PROGR		PVAI S	CEME	-NT
Does land cor     Describe propo	ntain coal sosed well w	seams tribu vork in deta	tary to active mine and completed and complete and	? No ete.	INTE	RVALS	CEME Fill -up (Cu	
Does land cor     Describe propo	ntain coal s osed well w	cams tribu	tary to active mine and complete the complet	Ping Progr	Left in	ALC: TO		
1) Does land cor 2)Describe propo  3)  TYPE  Conductor	specific Size	cams tributivork in deta	ASING AND TU	Ping Programmer Footage  For Drilling	Left in	n Well	Fill -up (Cu	
1) Does land cor 2)Describe propo  3)  TYPE S  Conductor  Fresh Water	SPECIFIC Size 13 3/8"	CATIONS Grade L.S.	ASING AND TU  Weight per ft	Property No Programme Property Programme Progr	Left ii	n Well 2'	Fill -up (Cu	
1) Does land cor 2)Describe propo  3)  TYPE S  Conductor  Fresh Water	SPECIFIC Size 13 3/8" 9 5/8"	CATIONS Grade L.S. L.S.	ASING AND TU  Weight per ft  37'	Property No Proper	Left in	n Well 2' 58'	Fill -up (Cu c.T.s. c.T.s.	
3) TYPE S Conductor Fresh Water Coal	SPECIFIC Size 13 3/8" 9 5/8"	CATIONS Grade L.S. L.S.	ASING AND TU  Weight per ft  37'  32'	Postering  BING PROGRE  FOOTAGE  For Drilling  42'  458'  458'	Left in 4	n Well 2' 58'	Fill -up (Cu c.r.s. c.r.s.	. Ft.)
3) TYPE S  Conductor Fresh Water Coal Intermediate	SPECIFIC Size 13 3/8" 9 5/8" 9 5/8" 7"	CATIONS Grade L.S. L.S. L.S.	Weight per ft 37' 32' 17'	Property No Proper	Left in 4	n Well 2' 58' 58' 46'	C.T.S. C.T.S. C.T.S. C.T.S.	. Ft.)

ALK: 29 -14

Form: WW - 2B ATT:

If a mine void is encountered the 13 %" conductor pipe will be pulled allowing us to drill on down with 17 ½" bit to 30' ± below mine floor. This will allow us to set 13 %" below mine void and cement below mine floor and above void using baskets. We can then continue on with 12 ½" bit to fresh water casing point. The 9 %" casing can be set thru 2<sup>nd</sup> void if encountered and to fresh water casing point

Received

AUG 29 114

Office of Office Gas

WV Dept. of Environmental Protection

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT   DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT   Address	WW2-A			1) D	ate:	APRIL 24, 2014	
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT  4) Surface Owner(s) to be served: (a) Name SEE ATTCHEMNT WW2-A1 Address		)					2356
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT  4) Surface Owner(s) to be served: (a) Name Address  SEE ATTCHEMNT WW2-A1 Address  (b) Coal Owner(s) with Declaration Address  (c) Name Address  (d) Name Address  (e) Name Address  (f) Name Address  (h) Call Lessee with Declaration P.O. BOX 1169 PIKEVILLE, KY 41502  (h) Name Address  (h) Name Address  (h) Name Address  (h) Call Lessee with Declaration P.O. BOX 1169 PIKEVILLE, KY 41502  (h) Name Address  (h) Call Lessee with Declaration P.O. BOX 1169 PIKEVILLE, KY 41502  (h) Name Address  (h) Call Lessee with Declaration P.O. BOX 1169 PIKEVILLE, KY 41502  (h) Address P.O. BOX 1169 PIKEVILLE, KY 41502  (h) Addr							
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Address  Address  (c) Name Address  (c) Name Address  (c) Name Address  (d) Inspector Address  (e) Name Address  (b) Inspector Address  (c) Name Address  (c) Coal Lessee with Declaration Name Address  (d) One WY 25545  Telephone  (a) WY 25546  To THE PERSONS NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas  OR X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under C1. apter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through Personal Service (Affidavit attached) Personal Service (Affidavit attached) Personal Service (Affidavit attached) Personal Service (Affidavit attached) I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application or man all all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.  I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  Well Operator  Well Operator						State County	Permit
Address  Address  (b) Name Address  (c) Coal Lessee with Declaration Name CAM OF KENTUCKY REAL ESTATE, LLC.  (c) Name Address  (d) Name Address  (c) Coal Lessee with Declaration Name CAM OF KENTUCKY REAL ESTATE, LLC.  (c) Name Address  (d) Os 147 Name Address  (e) Name Address  (f) Name Address  (h) Os 147 Name Address  (h) Os 148 Name Address  (h) Os		STATE O	F WEST VIRG	INIA - BUREA	AU OF	ENVIRONMENT	
4) Surface Owner(s) to be served: (a) Name	DEPARTA						AND GAS
4) Surface Owner(s) to be served: (a) Name SEE ATTCHEMNT WW2-A1 Address Address P.O. BOX 1169 PIKEVILLE, KY 41502  (b) Name Address SEE ATTCHEMNT WW2-A1  (c) Name Address Address Address Address Address P.O. BOX 1169 PIKEVILLE, KY 41502  (c) Name Address P.O. BOX 147  Ona, WY 25545 Address P.O. BOX 1169 PIKEVILLE, KY 41502  Telephone (304) 951-2596  TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas ORX Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)  To THE PERSONS NAMED ABOVE TAKE NOTICE THAT: Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)  To certify that as required under Ch. pler 22-6 of the West Virginia Code I have served copies of this notice and application, plat, and accompanying documents pages 1 through on the above named parties by:  Personal Service (Afficiavit attached)  A Certified Mail (Postmarked postal receipt attached)  Publication (Notice of Publication attached)  I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application  I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application of mam and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  Well Operator  Well Operator	DLI AKTI	MOTICE	AND ADDITION	TION FOR A	WELL	WORK PERMIT	110177
(a) Name Address Address Address Address P.O. BOX 1169 PIKEVILLE, KY 41502  (b) Name Address Name Address P.O. BOX 147 Name CAM OF KENTUCKY REAL ESTATE, LLC. P.O. BOX 1169 PIKEVILLE, KY 41502  Telephone (304) 951-2596  TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through On the above named parties by:  Personal Service (Affidavit attached)  X Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, believe that their are significant penalties for submitting false information, including the possibility of fine and imprisonment.  Well Operator  Quality Natural Gas, LLC / By: Quality Natural Gas Management, LLC / Its: Manager		NOTICE	AND APPLICA	HON FOR A	VVLL	L WORK PERMIT	K#1001
(a) Name Address Address Address Address P.O. BOX 1169 PIKEVILLE, KY 41502  (b) Name Address Name Address P.O. BOX 147 Name CAM OF KENTUCKY REAL ESTATE, LLC. P.O. BOX 169 PIKEVILLE, KY 41502  Telephone (304) 951-2596  TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)  I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through On the above named parties by:  Personal Service (Affidavit attached)  X Certified Mail (Postmarked postal receipt attached)  I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.  I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that thee information is true, accurate and complete.  I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  Well Operator  Quality Natural Gas, LLC / By: Quality Natural Gas Management, LLC / Its: Manager							0 650
Address  (b) Name Address  (b) Coal Owner(s) with Declaration SEE ATTACHMENT WW2-A2  (c) Name Address  (c) Coal Lessee with Declaration Name Address  (c) Coal Lessee with Declaration Name Address  P.O. BOX 147 Name Address  P.O. BOX 147 Name Address  (c) Coal Lessee with Declaration Name Address  P.O. BOX 147 Name Address  (c) Coal Lessee with Declaration Name Address  P.O. BOX 1169 PIKEVILLE, KY 41502  To THE PERSONS NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas  OR X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Ct. spter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties by:  Personal Service (Affidavia attached)  Publication (Notice of Publication attached)  I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, believe that the information is true, accurate and complete.  I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  Well Operator  Quality Natural Gas, LLC / By: Quality Natural Gas Management, LLC / Its: Manager							0
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(c) Name Address  (c) Name Address  (c) Name Address  (c) Name Address  (c) Coal Lessee with Declaration Name CAM OF KENTUCKY REAL ESTATE, LLC.  (a) More More More More More More More More	Address			Address	P.O.	BOX 1169 PIKEVILLE, KY 4	11502
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(c) Name Address    Address   Address   Address	Audress	-		1,1511.5	OLL	ATTACIMENT	
Address    Address   Address   Address							
Address  Address  Address  P.O. BOX 147  Ona, WV 25545  Telephone  TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas  To the personal Service (Affidavit attached) Personal Service (Affidavit attached) Personal Service (Affidavit attached) I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application (Notice of Publication attached) I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application (Notice of Publication of Submitted on the information is true, accurate and complete.  I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  Well Operator  Address  (c) Coal Lessee with Declaration  Name CAM OF KENTUCKY REAL ESTATE, LLC. P.O. BOX 1169 PIKEVILLE, KY 41502  That:  I false in formation is contracted on the contract of contracts by which I hold the right to extract oil and gas  To THE PERSONS MAMED ABOVE TAKE NOTICE THAT:  Address  P.O. BOX 1169 PIKEVILLE, KY 41502  P.O. BOX 1169 PIKEVILLE, KY 41502  That:  I false in formation in the information is true, accurate and complete.  Quality Natural Gas, LLC / By: Quality Natural Gas Management, LLC / Its: Manager	(c) Name			Name			
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To the persons named above take notice that:  Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas  OR X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)  I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties by:  Personal Service (Affidavit attached)  X Certified Mail (Postmarked postal receipt attached)  Publication (Notice of Publication attached)  I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.  I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.  I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  Well Operator  Quality Natural Gas, LLC / By: Quality Natural Gas Management, LLC / Its: Manager	Address	P.O. BOX 14	7	Name			
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Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas    Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)   I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties by:    Personal Service (Affidavit attached)   X	Telephone	(304) 951-25	96				
Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas    Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)   I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties by:    Personal Service (Affidavit attached)   X			TO THE DEPSONS	NAMED ABOVE TA	KE NOTI	CE THAT:	
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X	plat, and accompa				parties b	by:	
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I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  Well Operator  Well Operator  Quality Natural Gas, LLC / By: Quality Natural Gas Management, LLC / Its: Manager					e individ	luals immediately responsible	e for obtaining the
imprisonment.  Well Operator  Well Operator  Quality Natural Gas, LLC / By: Quality Natural Gas Management, LLC / Its: Manager	I am au	are that the mon	are significant penalt	ies for submitting fa	alse info	rmation, including the poss	sibility of fine and
Quality Natural Gas, LLC / By: Quality Natural Gas Management, LLC / Its: Manager	imprisonment.	1000				The state of the s	
LLC / Its: Manager	200	SINON	Well Operator			LC / By: Quality Natural (	Gas Management,
	Her		Bv:	LLC / Its: Mana	ger	V	

My Commission Expires

Subscribed and sworn before me this

Its:

g of the and the montelephone

Address

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 EEP's Chief Privacy Officer at depprivacyofficer@wv.gov

Manager

day of

P.O. Box 460 Allen, KY 41601

(606) 874-8041

Notary Public

### WW2-A1 SURFACE OWNERS

Logan Coal & Timber Corporation 37 North Valley Road, Suite 2-A, Paoli, Pennsylvania 19301

C.W. Campbell Company 848 Fourth Avenue, Suite 301 Huntington, West Virginia 25701

Dingess-Rum Properties, Inc. 723 Kanawha Boulevard, East Union Building, Fourteenth Floor Charleston, West Virginia 25301

Received

Other of contemporary Protection

#### WW2-A2 COAL OWNERS

Logan Coal & Timber Corporation 37 North Valley Road, Suite 2-A, Paoli, Pennsylvania 19301

C.W. Campbell Company 848 Fourth Avenue, Suite 301 W Huntington, West Virginia 25701

Dingess-Rum Properties, Inc. 723 Kanawha Boulevard, East Union Building, Fourteenth Floor Charleston, West Virginia 25301

Received

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WW. Direct and another interestion

WW-2A Surfa				
	S	URFACE OWNER W	VAIVER	
County	Mingo	Operator		Quality Natural Gas, LLC
		Operator well	number	2356
	INSTRUCTIONS TO	SURFACE OWNERS N	IAMED ON PAGE	= NADA/2 A
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appeared on the Sh be the only owner permits are valid for	is owned by more than the leriff's tax ticket on the lar who will actually receive 24 months. If you do no tely if you know who it is. NOTE: YOU AR	aree persons, then these and or because you actual these materials.) See of the own any interest in the	materials were s ly occupy the surf Chapter 22 of the surface tract, ple ell operator and the FILE ANY COMM	ENT.
Chief, Office of Oil a Department of Envir 601 57 <sup>th</sup> St. SE	nd Gas OR District Oil and onmental Protection	d Gas Inspector		
Charleston, WV 253 (304) 926-0450	304			
operator files his Ap be filed in person or be sure of the date handling. If you hav the planned work de Comments must b operator's name and the application. You The Chief ha 1) The proj 2) The soil 3) Damage 4) The proj 5) The app more of if you want request a copy from List of Wate	plication. You have FIFTI received in the mail by the content of t	EEN (15) DAYS after the chief's office by the time chief's and you had then the permit may be sments must include you proximate location of the safeth chief ch	e filing date to file me stated above, uate delivery time ve signed a "volu issued at any time or name, address proposed well site os or photographs it based on common ty of persons, or effective; is or supplies; previous permit of failed to abate or so oy of the order of list of water testing	and telephone number, the well including district and county from to support your comments.  The support your comments is a support your comments.  The support your comments is a support your comments.  The support your comments is a support your comments in a substantial violation of one or seek review of the violation".  The support your can be supported in the support of the your can bire the support of the your can bire.
Application for a Wel order on Form WW. described therein.	te that I have read the ins II Work Permit on Form W 2-B, a survey plat, and a	W2-A, and attachments a soil and erosion plan,	ers and that I hav consisting of pag all for proposed	e received copies of a Notice and es 1 through including a work well work on my surface land as
I further state a permit being issued	e that I have no objection	to the planned work desc	cribed in these ma	aterials, and I have no objection to
	Y A NATURAL PERSON		FOR EXECUTION	N BY A CORPORATION, ETC.
Signatu	J= NV	nate: Name By Its	Logan Coal Rodman	& Timber Corporation
	grogerst Division in the	Policipan	Signature	Date 9 19 10

## WW-2A Surface Waiver

	SI	JRFACE OWNE	R WAIVER		
County	Mingo	Operator		Quality	/ Natural Gas, LLC
	9=		well numbe	r	2356
	INSTRUCTIONS TO	SURFACE OWNE	RS NAMED O	N PAGE WW2-A	
If the surface tract i appeared on the Sh be the only owner permits are valid for	erator named on page WW s owned by more than the eriff's tax ticket on the land who will actually receive 24 months. If you do not tely if you know who it is. NOTE: YOU AR WHERE TO FILE COM	ree persons, then to d or because you a these materials.) t own any interest i Also, please notify to E NOT REQUIRED	hese materials ctually occupy See Chapter 2 n the surface the well operat TO FILE ANY	s were served on y the surface tract. 22 of the West Vir tract, please forwar or and the Office of COMMENT.	you because your name. In either case, you ma ginia Code. Well wor d these materials to the f Oil and Gas.
	nd Gas OR District Oil and	d Gas Inspector			
Department of Envir 601 57 <sup>th</sup> St. SE	onmental Protection				
Charleston, WV 253	304				
operator files his Ap be filed in person or be sure of the date handling. If you have the planned work de Comments must be operator's name and the application. You The Chief has 6) The pro 7) The soil 8) Damage 9) The pro 10) The app more of If you want request a copy from List of Wat to test your water to  I hereby sta Application for a We order on Form WW	er Testing Laboratories. establish water quality pri	EEN (15) DAYS after the Chief's office by the Chief's office by the Chief's office by the Chief's office and years are the Chief's near the Chief	er the filing da the time stated adequate delive to have signed ay be issued an e your name, f the proposed f, maps or pho permit based a safety of pers quate or effect furces; furces or supp of a previous a copy of the tims a list of wa ag. Contact the for NO OBJE from one state from the consisting from	te to file your commend above. You may be yery time or to arrow a "voluntary state" to any time.  address and telept well site including stographs to support on comments on the sons.  ive;  lies;  permit or a substate abate or seek review or denying to a substate or seek review or denying to atter testing laborate or CTION  that I have received no of pages 1 through	ments. Comments must call the Chief's office to tange special expedite ement of no objection" to chone number, the we district and county from to your comments. The following grounds:  antial violation of one of the violation"  the permit, you should be priced which you can him copy.  discopies of a Notice and the copies of a Notice and the
described therein.  I further state	te that I have no objection	to the planned wor	k described in	these materials, a	nd I have no objection t
	d on those materials. BY A NATURAL PERSON	led	FOR EX	ECUTION BY A C	ORPORATION, ETC.
	AU 29	-14	C.V	N. Campbell Comp	any
	D		Name		
Signati	glice of O	rand Gas	sy Gran	Baldwin	
	and First and speed	A.M.	9	SIL	~ 1/7/201
			Signa	ture	Date

09/26/2014

# WW-2A Surface Waiver

	SL	IRFACE OWNER W	AIVER	
County	Mingo	Operator		Quality Natural Gas, LLC
A.C.D. 1 ==		Operator well	number	2356
	INSTRUCTIONS TO	SURFACE OWNERS N	IAMED ON PAG	E WW2-A
If the surface tract appeared on the Sh be the only owner permits are valid fo	is owned by more than the neriff's tax ticket on the land who will actually receive to r 24 months. If you do not tely if you know who it is.	ee persons, then these d or because you actual hese materials.) See ( own any interest in the Also, please notify the well NOT REQUIRED TO F	materials were solved occupy the sur Chapter 22 of the surface tract, pleal operator and the FILE ANY COMM	IENT.
	and Gas OR District Oil and	Gas Inspector		
601 57 <sup>th</sup> St. SE	ronmental Protection			
Charleston, WV 25 (306) 926-0450	304			
operator files his Ap be filed in person o be sure of the dat handling. If you hav the planned work de Comments must I operator's name an the application. You The Chief h 11) The pro 12) The soi 13) Damage 14) The pro 15) The ap more of	pplication. You have FIFTE received in the mail by the contected by the very been contacted in these materials, be in writing. Your composed well number and the appurate as the power to deny or composed well work will constitute a contact the rules promulgated und the copy of the permit as the cop	EEN (15) DAYS after the e Chief's office by the timester to ensure adequated operator and you had then the permit may be ments must include you roximate location of the state a hazard to the safe throl plan is not adequated ands or resources obstantial violation of a er Chapter 22, and has the chief of the content of the safe throl plan is not adequated and the content of the safe throl plan is not adequated and the content of the conten	e filing date to file me stated above uate delivery time ve signed a "volu- issued at any time ur name, address proposed well sit os or photographs it based on comment ty of persons, or effective; s or supplies; previous permit failed to abate or	be served on or before the date the your comments. Comments must You may call the Chief's office to e or to arrange special expedited intary statement of no objection" to be.  Is and telephone number, the well e including district and county from to support your comments. In the support your comments on the following grounds:  Or a substantial violation of one or seek review of the violation".  Idenying the permit, you should
List of Wat to test your water to I hereby sta	er Testing Laboratories. establish water quality prio VOLUNTA te that I have read the inst	or to and after drilling. Concept the control of th	ontact the Chief t O OBJECTION ers and that I ha	ing laboratories which you can hire o obtain a copy.  ve received copies of a Notice and ges 1 through including a work
order on Form WM described therein.	/2-B, a survey plat, and a	soil and erosion plan,	all for proposed	well work on my surface land as
a permit being issue	te that I have no objection and on those materials. BY A NATURAL PERSON	to the planned work des		aterials, and I have no objection to ON BY A CORPORATION, ETC.
	0.0	14	Dingess-Ru	ım Properties, Inc
	AUE 29	te: Name	lorrey	Evans
Signati	ure	Bv	Dave	1 ×
	Conice of Oll and	vat Protection Its	- Presi	1ert 7/1/14

09/26/2014

Date

Signature

#### WW-2A Coal Waiver

### COAL OPERATOR, OWNER, OR LESSEE WAIVER

Quality Natural Gas, LLC		
Quality Natural Gas, LLC	Operator's Well Number	2356
NSTRUCTIONS TO C	OAL OPERATOR, OWNER, OF	RLESSEE
vish to make or are rec	uired to make by Code 22-6-15	5, 16 or 17, must be filed with
ironmental Protection 304		
ension 1054	WAIVER	
vell location has been a sed to be done at this	added to the mine map. The u location, provided; the well op	ndersigned has no objection perator has complied with all
A NATURAL PERSON	FOR EXECUTION	ON BY A CORPORATION, ETC.
	CAM MI	NING, LLC.
Date	Name RONAL	D G. HULL
	By	5.11
		y. Hull 8/19/14
	Signature	Date
	operator, owner, or less vish to make or are reconsisted of Oil and Gas with and Gas with and Gas ironmental Protection and Ga	walver  gned coal operator X / owner / lesses amined this proposed well location. If a mine map expell location has been added to the mine map. The used to be done at this location, provided; the well openents of the West Virginia Code and the governing regular A NATURAL PERSON  Date Name Rowal  Date Name Rowal  By Its Gm-Rowal  Rowal

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## COAL OPERATOR, OWNER, OR LESSEE WAIVER

	wingo			
Operator	Quality Natural Gas, LLC	Operator's Well	Number	2356
INST	TRUCTIONS TO C	OAL OPERATOR,	OWNER, OR	LESSEE
any objection you wish	to make or are rec	quired to make by	Code 22-6-15,	ou are hereby notified that 16 or 17, must be filed with eceipt of this application by
Chief, Office of Oil and Department of Environ 601 57 <sup>th</sup> St. SE Charleston, WV 25304	mental Protection			
(304) 926-0499 extens				
AND IN SECURE OF THE PARTY OF THE		WAIVER		
well location, the well	location has been to be done at this	added to the mine location, provided	map. The und d; the well ope	ts which covers the area of dersigned has no objection rator has complied with all lations.
FOR EXECUTION BY A NA	ATURAL PERSON	- 1	FOR EXECUTION	BY A CORPORATION, ETC.
			Cam of Ke	entucky Real Estate, LLC.
	Date	Name	RONAL	O G. HULL
Signature	Date	Ву		
Signature	Date		Gm-	ENG
Signature	Date	Ву	Gm- anald G.	ENG- Hull 8/19/14
Signature	Date	Ву	Gm-	ENG

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### **COAL OPERATOR, OWNER, OR LESSEE WAIVER**

County Operator	Mingo Quality Natural Gas, LLC	Operator's Well Number	2356
IN	ISTRUCTIONS TO CO	OAL OPERATOR, OWNER, (	OR LESSEE
any objection you wi	ish to make or are req	uired to make by Code 22-6-1	You are hereby notified that 15, 16 or 17, must be filed with e receipt of this application by
Chief, Office of Oil a Department of Envir 601 57 <sup>th</sup> St. SE Charleston, WV 253 (304) 926-0499 exte	onmental Protection 04		
		WAIVER	
well location has exa well location, the we to the work propose	amined this proposed vell location has been a led to be done at this lents of the West Virgin	well location. If a mine map edded to the mine map. The location, provided; the well dia Code and the governing re	ee/ of the coal under this exists which covers the area of undersigned has no objection operator has complied with all egulations.  ON BY A CORPORATION, ETC.
		Logan	Coal & Timber Corporation
Signature	Paccel  Aut- 29	Name By Its  Redman Projection Oil and Gas onmental Protection	ETHOMPSON JA  Lent  ME I homping 2014-67-7  Date

### WW-2A Coal Waiver

### COAL OPERATOR, OWNER, OR LESSEE WAIVER

County	Mingo		
Operator	Quality Natural Gas, LLC	Operator's Well Number	2356
	INSTRUCTIONS TO CO	OAL OPERATOR, OWN	ER, OR LESSEE
any objection y	ou wish to make or are rec	uired to make by Code 2	V2-A. You are hereby notified that 22-6-15, 16 or 17, must be filed with er the receipt of this application by
Chief, Office of			
601 57 <sup>th</sup> St. SE	Environmental Protection		
Charleston, W			
(304) 926-0499	extension 1654	OU NAME	
		WAIVER	
applicable requ	irements of the West Virgin	nia Code and the govern	well operator has complied with all ing regulations.  ECUTION BY A CORPORATION, ETC.
		,	
			C.W. Campbell Company
	Date	Name	
Signat	ure	Its Pros	D. Baldun Ord 7/7/2014 Ure Date
		Do	ceived

WV Dept. of Transfer malab Projection

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#### WW-2A Coal Waiver

### COAL OPERATOR, OWNER, OR LESSEE WAIVER

County	Mingo		3.				
Operator	Quality Natural Gas, LLC	Operator's Well	Number	2356			
	INSTRUCTIONS TO C	OAL OPERATOR	, OWNER, OR LES	SSEE			
any objection yo	oal operator, owner, or les ou wish to make or are red e Office of Oil and Gas wi	quired to make by	Code 22-6-15, 16	or 17, must be filed with			
601 57 <sup>th</sup> St. SE Charleston, WV	Environmental Protection						
(00 1) 020 0 100	CALCITOTO TO T	WAIVER					
well location ha well location, th to the work pro	ersigned coal operators examined this proposed to well location has been apposed to be done at this irements of the West Virgi	well location. If a added to the mine location, provide	a mine map exists we map. The unders d; the well operato	which covers the area of signed has no objection or has complied with all			
FOR EXECUTION	BY A NATURAL PERSON		FOR EXECUTION BY A CORPORATION, ETC.				
			Dingess-rum F	Properties, Inc			
	Date	Name	Torrey	Evans			
Signati	ure	Ву					
		Its	Terry hom	× 3/2/14			
			Signature	Date			
			Diago	vor			

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WATER THE CONTRACTOR

Form WW-2A-1	
(Rev.1/11)	

Operator's	Well	Number	
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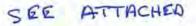
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~	3	•	h

# 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
Logan Coal & Timber Corporation	Kinzer Business Realty, LTD	1/8	BK 27 P 208
C.W. Campbell Company	Kinzer Business Realty, LTD	1/8	BK 27 P 208
Dingess-Rum Properties, Inc.	Kinzer Business Realty, LTD	1/8	BK 27 P 208







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

The permit applicant for the proposed well work addressed in this application hereby acknowledges 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 acquired from the appropriate authority before the affected activity is initiated.

Well Operator:

Quality Natural Gas, LLC / BY: Quality Natural Gas

Management, LLC / Its: Manager

By:

Its:

Manager

#### Kinzer Business Realty, Ltd.

Quality Natural Gas, LLC P. O. Box 460 Allen, Kentucky 41601 Telephone #606-874-8041 Facsimile #606-874-9928 dlester@kinzerdrilling.com

September 11, 2014

West Virginia Department of Environmental Protection 601 57<sup>th</sup> Street, S.E. Charleston, West Virginia 25304

Attn.: Mr. Jeff McLaughlin

Re:

Pending 11 Well Applications Quality Natural Gas, LLC Logan Coal & Timber Corp., et al Mingo County, West Virginia

Dear Jeff:

As per our discussions yesterday regarding the relationship of the current Lessee, Kinzer Business Realty, Ltd., and that of the current applicant of the eleven (11) pending permit application by Quality Natural Gas, LLC, please be advised that these entities are currently owned and operated by the Kinzer Family. Kinzer Business Realty, Ltd., has designated Quality Natural Gas, LLC (as operator thereof) to permit, operate and maintain oil and gas wells in Kentucky and West Virginia.

Should you have any questions, please feel free to contact me at your earliest convenience.

Sinoerely.

Duane Lester

**Designated Operator** 

Quality Natural Gas, LLC

By: Quality Natural Gas Management, LLC

Its: Manger

General Manager

Consenting Party:

Kinzer Business Realty, Ltd.

By: Kinzer Buiness Realty, LLC

Its: General Partner

y. South

General Manager

STATE OF KENTUCKY
STATE AT LARGE
I, A Notary Public of said County and State aforesaid, do certify that Down by dev., Manager of QUALITY NATURAL GAS, LLC, whose name is signed to the within writing has this day acknowledged the same before me in said county.
My commission expires 4.24.2017
Given under my hand this U day of Septons, 2014  Notary Public  STATE OF KENTUCKY
STATE OF KENTUCKY
STATE AT LARGE
I. Wunge has a Notary Public of said County and State aforesaid, do certify that Doug Hyden, General Manager of Kinzer Business Realty, Ltd., whose name is signed to the within writing has this day acknowledged the same before me in said county.  My Commission Expires: 7.27.267
Given under my hand this 11 day of Sephine 2014  Notary Public  OUBLIC  ARGE, KENTUCHINA  ARGE, KENTUCHINA  OUBLIC

WW-2B1	
(5-12)	

Well	No.	2356	
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#### West Virginia Department of Environmental Protection Office of Oil and Gas

#### NOTICE TO SURFACE OWNERS

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

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

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

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

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

Certified Laboratory Name
ACCULAB, INC., 167 Stollings Avenue, Logan, WV 25601
Acculab, Inc., 167 Stollings Avenue, Logan, WV 25601

Well Operator Quality Natural Gas, LLC
Address P.O. Box 460

Allen, KY 41601

Telephone (606) 874-8041

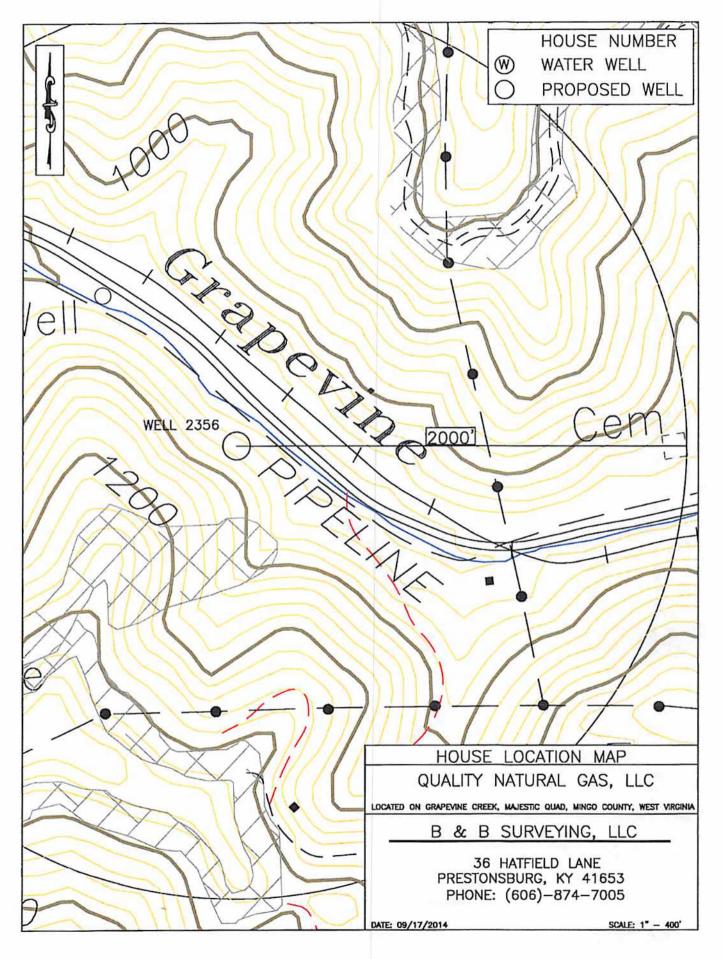
FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. 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 WIN 2000'

WW-2BA

WELL #2356

NO HOUSES WITHIN 2000'



FORM WW-9 Rev. 05/10

Page	of	
API Numb	per 47 - 059 -	
Operator's	Well No. 2356	

# STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

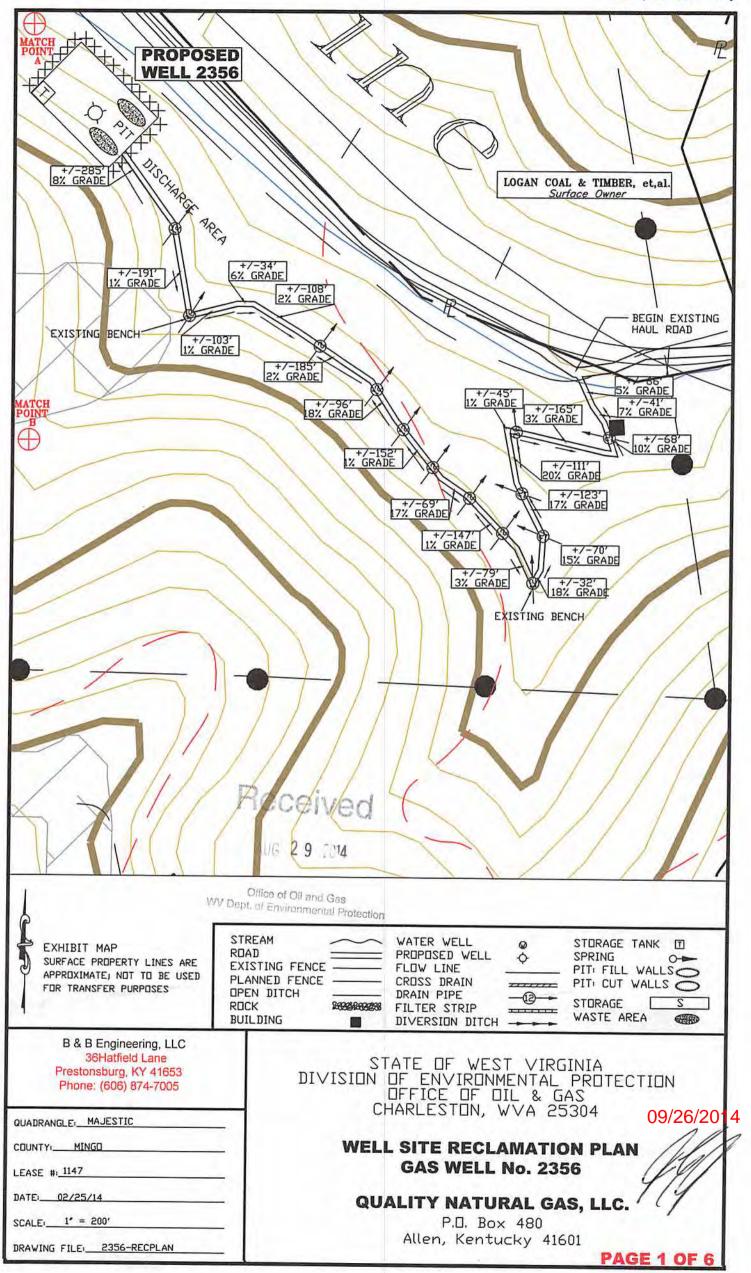
Operator Nan	ne: Quality Natu	ural Gas, LLC		OP Code:	494477013	
Watershed:	Grapevine Creek	of the Tug Fork River	_		Quadrangle: Maje	stic
Elevation	794.20	County: Mingo	District:	Magnolia		-
Description o	of anticipated Pit Wa	ste: Water encountered wh	ile drilling a	nd various for	mation cuttings	
Do you antic	ipate using more th	nan 5,000 bbls of water to com	plete the prop	osed well work?	YesN	0 <u>X</u>
Will a synthe	tic liner be used in t	he pit? Yes, if impervious n	aterial is un	available on si	te If so what mil?	10 20 MIL.
Proposed Dis	sposal Method For T	reated Pit Wastes:				
	<u>X</u>	Land Application Underground Injection (	UIC Permit Nu	mber		
		Reuse (at API Number_ Off Site Disposal (Suppl Other (Explain_				
-If	ium anticipated for t oil based what type? be used? No Addit	his well? Air, Freshwater, oil be ? Synthetic, petroleum, etc.	ased, etcAir			
-If	left in pit and plan to	eave in pit, landfill, removed o o solidify what medium will be ne/permit number?	used? Cement,	lime, sawdust		
31, 1999, by enforceable action.	the Office of Oil and by law. Violations ertify under penalty has thereto and that, is true, accurate, and	d Gas of the West Virginia Div of any term or condition of the of law that I have personally en- based on my inquiry of those it complete. I am aware that the	vision of Environme general permoderate and	nmental Protecti it and/or other a n familiar with the mediately respon ant penalties for a	on. I understand the opplicable law or research the information substitute for obtaining submitting false into the control of	ON PERMIT issued on December hat the provisions of the permit are egulation can lead to enforcement mitted on this application form and the information, I believe that the formation, including the possibility
Company Of	ficial Signature	Tany Ki	~			
Company Of	ficial (Typed Name	Terry Kinzer and/or Je	rry Kinzer			
Company Of	fficial Title Man	ager / Quality Natural Gas M	anagement, Ll	LC / Manager o	Quality Natural	Gas, LLC
Subscribed a	and sworn before me	this 2 day of	May		0 /4	
	1	7-24.2017			Hoo	GIABAS PARA
My Commis	sion Expires	181.5011			AUG	2 9 - 14

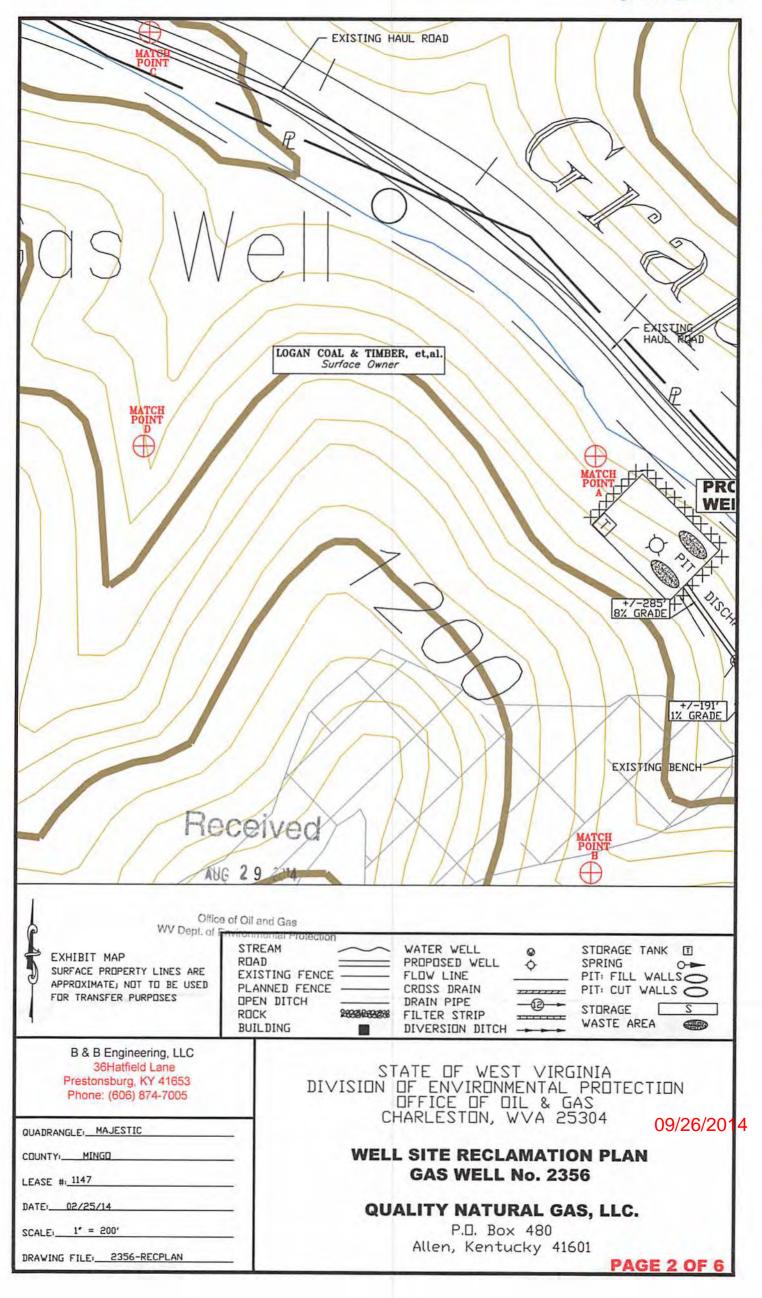
2356

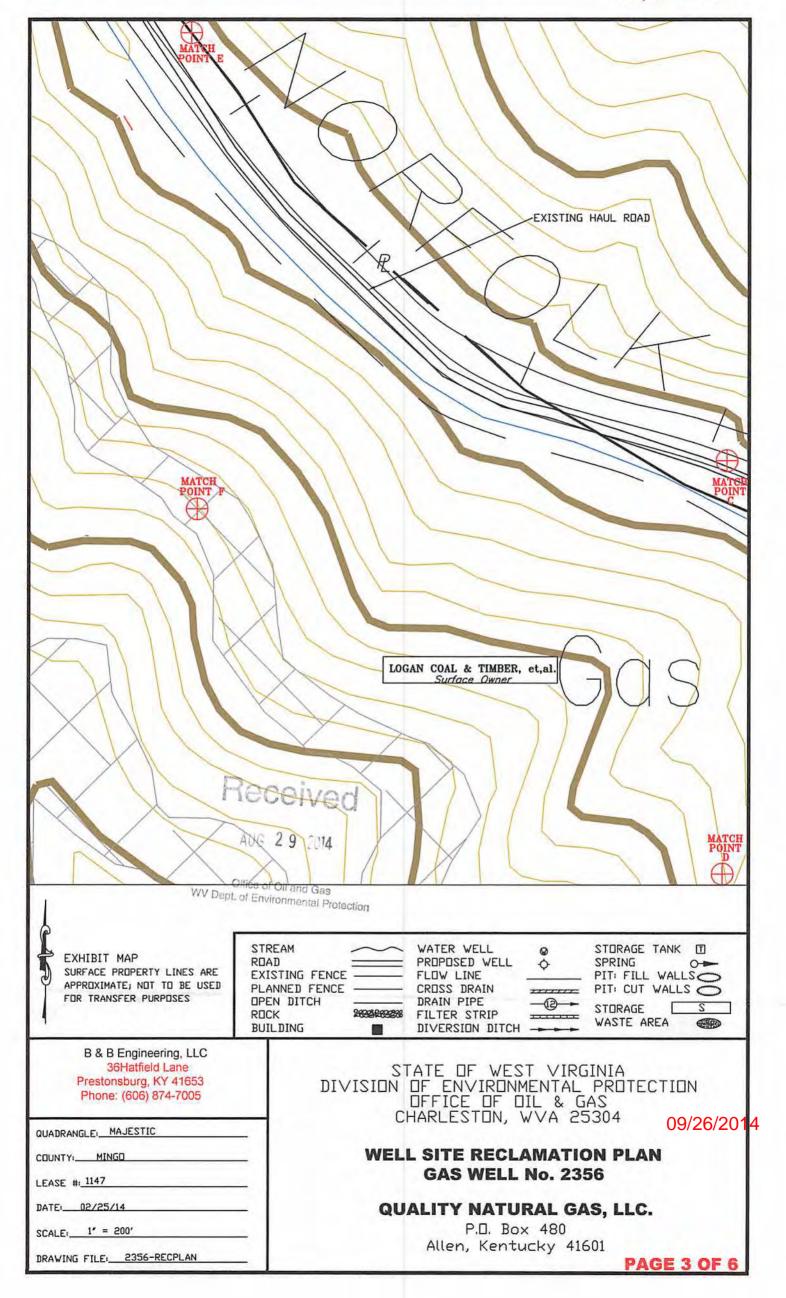
Operator's Well No.

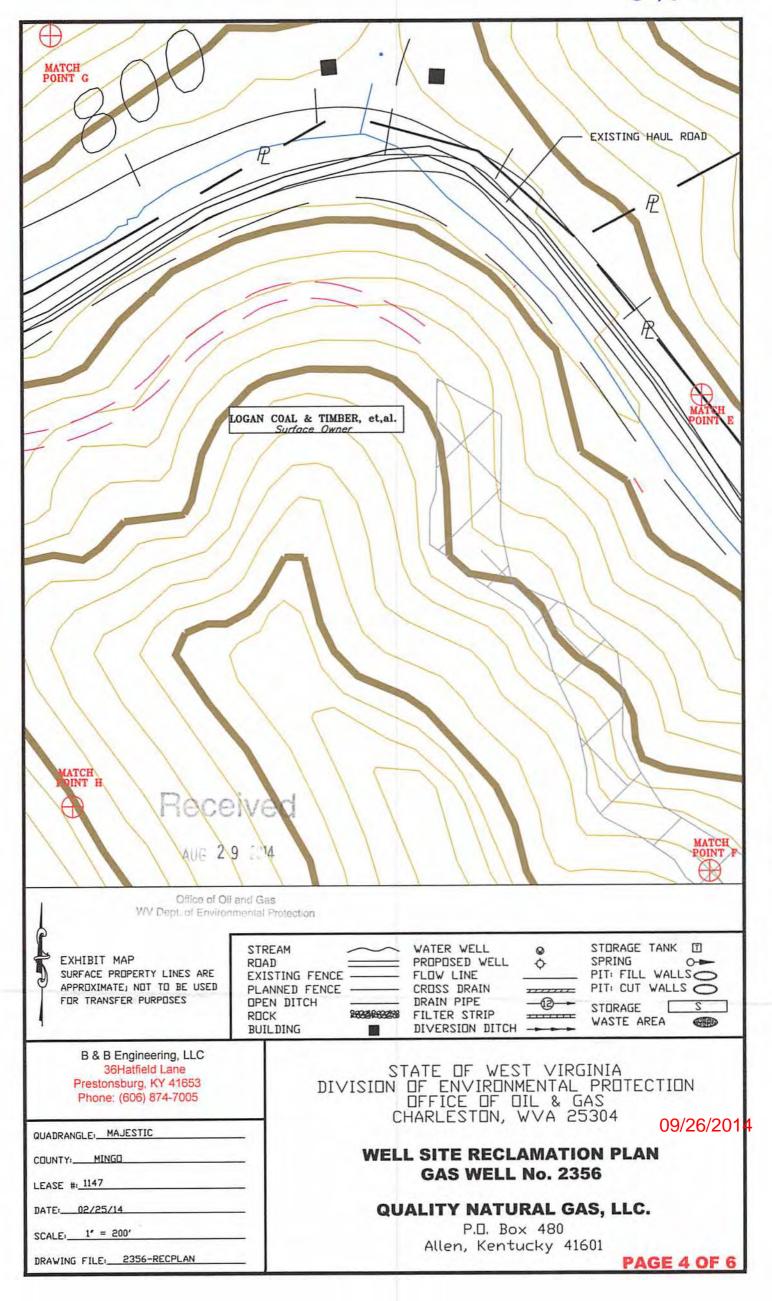
		LEGEND	
Property Boundary		Diversion Contraction	
Road = = = = = =	=	Spring -	
Existing Fence — X —		Wet Spot	
Planned Fence / _		Drain Pipe with size in inches	©
	, , , , , , , , , , , , , , , , , , ,	Waterway 😝 🛶	$\rightarrow \leftarrow \leftarrow$
Open Ditch ————	•••	Cross Drain	
Rock ESEES		Artificial Filter Strip XXXXX	
North N	*	Pit: cut walls	
		Pit: compacted fill walls	mere
Buildings Water wells		Area for Land Application of Pit V	Vaste -
Drill site		Geri	
Proposed Revegetation Treatmen	t: Acres Disturbed2	Prevegetation pH	
Lime3	Tons/acre or to correct to pH_	6.5	
Fertilizer (10-20-20 or	equivalent) 1/3 Ton	lbs/acre (500 lbs minimum)	
Mulch 2	Tons/acre or hydroseed		
	S	Seed Mixtures	
Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	10	Alsike Clover	5
Annual Rye	5		
Redtop	2		
Attach: Drawing(s) of road, location, pit	and proposed area for land applicati	ion.	
Photocopied section of involved	7.5' topographic sheet.		
			· · · · · · · · · · · · · · · · · · ·
Plan Approved by:			<del></del>
Comments:			
			<del></del>
Title Inspector	Date: $5-2$	1- 14 Boceivad	
Field Reviewed? (		\$ _ 1 / m ( m # _ 1 + h )	
	V) Yes (	AND THE STATE OF T	

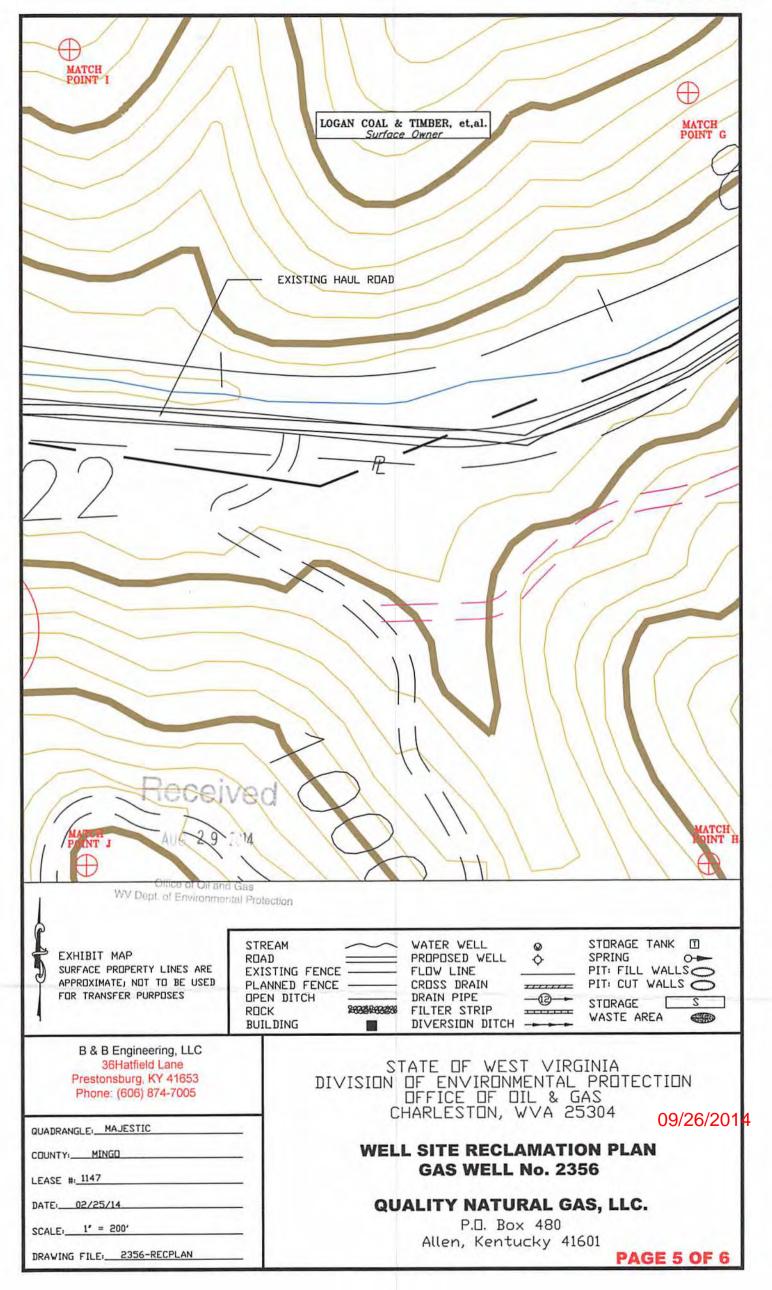
AUG 2 9 1314

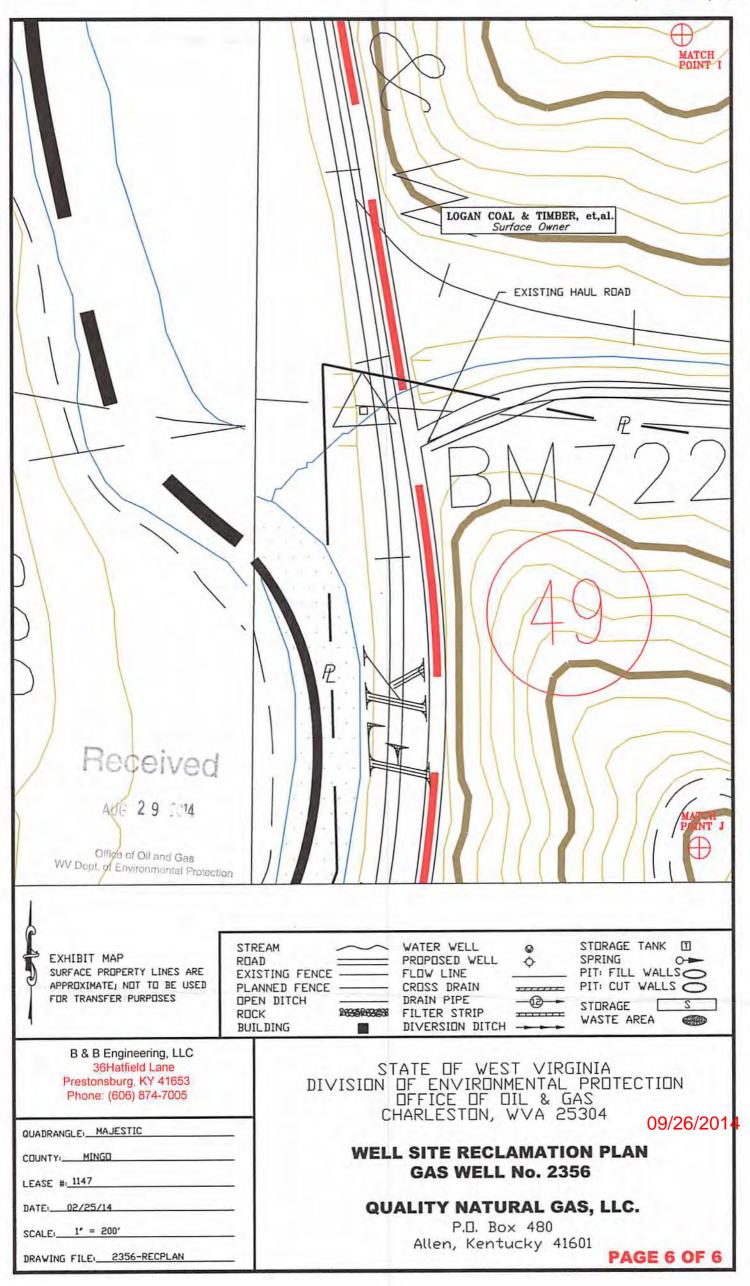


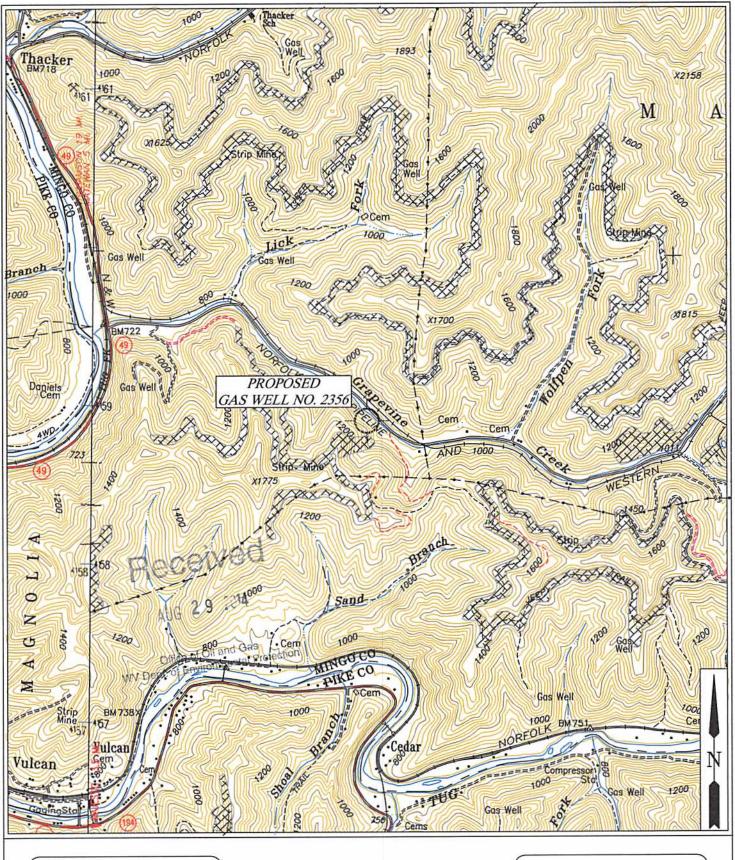












B & B Engineering, LLC

36 Hatfield Lane

Prestonsburg, KY 41653 Phone: (606) 784-7005

# QUALITY NATURAL GAS, LLC. LOCATION MAP

PROPOSED GAS WELL NO. 2356

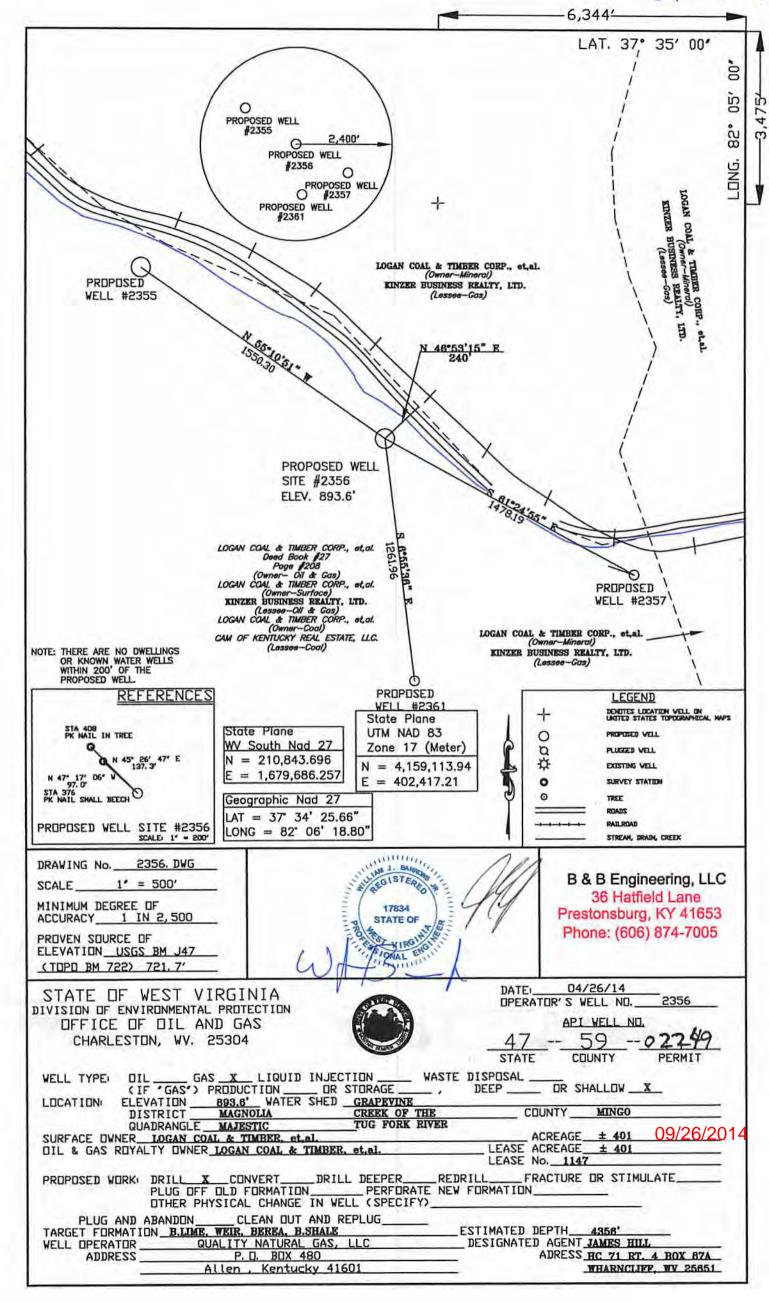
QUAD: MAJESTIC

SCALE: 1" = 2000'

DATE: 02/26/2014

FILE NAME: 2356-VicMap.DWG

09/26/2014



# CAM Mining, LLC.

P.O. Box 1169 Pikeville, KY 41502

April 24, 2014

Chief, Office of Oil & Gas Department of Environmental Protection 601 57<sup>th</sup> Street Charleston, WV 25304

Quality Natural Gas, LLC
Gas Well Application
Well Number 2356 WV State Plane Coordinates N 210,844
E 1.679.686

Dear Mr. Martin:

The undersigned operator of the coal that underlies this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

By: Ronald J. Hull

its: \_\_\_\_GM-ENG

Date: 8/19/14

Received

AUG- 29 14

WV Dr. III - Euwinnmenu Projection

# CAM of Kentucky Real Estate, LLC.

P.O. Box 1169 Pikeville, KY 41502

April 24, 2014

Chief, Office of Oil & Gas Department of Environmental Protection 601 57th Street Charleston, WV 25304

> Quality Natural Gas, LLC Gas Well Application Well Number 2356 WV State Plane Coordinates N 210,844 E 1,679,686

Dear Mr. Martin:

The undersigned lessee of the coal that underlies this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

By: Ronald S. Hull
its: GM-ENG

Date: 8/19/14

Received

AUG 29 14

# **Logan Coal & Timber Corporation**

37 North Valley Road, Suite 2-A, Paoli, Pennsylvania 19301

April 24, 2014

Chief, Office of Oil & Gas
Department of Environmental Protection
601 57<sup>th</sup> Street
Charleston, WV 25304

Quality Natural Gas, LLC
Gas Well Application
Well Number 2356 WV State Plane Coordinates N 210,844
E 1.679.686

Dear Mr. Martin:

The undersigned owner of the coal that underlies this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

By: Produm & Thompsol its: President

Date: 2014-07-17

Received

AUG 29 714

# C.W. Campbell Company

848 Fourth Avenue, Suite 301 Huntington, West Virginia 25701

April 24, 2014

Chief, Office of Oil & Gas Department of Environmental Protection 601 57<sup>th</sup> Street Charleston, WV 25304

Quality Natural Gas, LLC
Gas Well Application
Well Number 2356 WV State Plane Coordinates N 210,844
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itai

Date:

Received

AUG 29 14

5902249

# Dingess-Rum Properties, Inc.

723 Kanawha Boulevard, East Union Building, Fourteenth Floor Charleston, West Virginia 25301

April 24, 2014

Chief, Office of Oil & Gas Department of Environmental Protection 601 57<sup>th</sup> Street Charleston, WV 25304

Quality Natural Gas, LLC
Gas Well Application
Well Number 2356 WV State Plane Coordinates N 210,844
E 1,679,686

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^

ts: Presiden

Date:

Received

AUG 29 M

# PRESCRIPTION NOT TO BURY PRODUCTION OR GATHERING LINES

Pursuant to the Administrative Regulation 35CSR4-16.7 of the Office of Oil and Gas, Department of Environmental Protection, the undersigned states that:

1) Th	ne undersigned is/are the owner(s) o	of record of	
	X the surface		
0	r		
	an interest in the surface of	of a tract of land described as follows:	
	Acres +/- 401		
	Watershed Grapevine Creek of th	ne Tug Fork River	
	District Magnolia		
	County Mingo		
	Public road access State Ro	Route 49	
	Generally used farm name Logan	Coal & Timber Corporation, et,al.	
2) efere	The undersigned realize (s) that nced surface tract in connection with	a production or gathering pipeline is to be insta th the operation of the well identified below:	lled across the
	Well Operator Quality Natural Ga	as, LLC	
	Address P.O. Box 480		
	Allen, KY 41601		
	Telephone (606) 874-8041	; (Pending)	
	Well: API Permit No. 47	; (Pending)	
e bu	ried as follows:  X On any part of the surfa	ed is/are concerned, the production or gathering pi	
	or		
	On the following parts of t	the surface tract identified above:	
	From	То	
	From	То	
	From	То	
partn	execution by corporation, (For ership, etc.)  Dingess-Rum Properties, Inc.	r execution by natural persons)	
By:_	Prosident Signature	Date:	
		Received	
		6.16 2 Q - 1/1	

William Convenient Moreston

# PRESCRIPTION NOT TO BURY PRODUCTION OR GATHERING LINES

Pursuant to the Administrative Regulation 35CSR4-16.7 of the Office of Oil and Gas, Department of Environmental Protection, the undersigned states that:

1) Th	e undersigned is/are the owner(s) of record of	
	X the surface	
0	r	
	an interest in the surface of a tract of land describ	and as follows:
	an interest in the surface of a tract of land describ	ed as follows.
	Acres +/- 401	
	Watershed Grapevine Creek of the Tug Fork River	
	District Magnolia	
	County Mingo	
	Public road access State Route 49	area arat
	Generally used farm name Logan Coal & Timber Corpor	ation, et,al.
2) eferer	The undersigned realize (s) that a production or gathe need surface tract in connection with the operation of the w	ring pipeline is to be installed across the vell identified below:
	Well Operator Quality Natural Gas, LLC	
	Address P.O. Box 480	
	Allen, KY 41601	
	Telephone (606) 874-8041	
	Telephone (606) 874-8041  Well: API Permit No. 47	; (Pending)
	e interest owned by the undersigned is/are concerned, the ied as follows:  X On any part of the surface tract identified above	
	or	
	On the following parts of the surface tract identif	ied above:
	FromTo	
	FromTo	
	From To	
partne	xecution by corporation, (For execution by natural pership, etc.)	persons)
By:	Date: 7/7/	2014
Its:	president	Received
		40-29-14

YVV Florit - En Voern olar Protection

# PRESCRIPTION NOT TO BURY PRODUCTION OR GATHERING LINES

Pursuant to the Administrative Regulation 35CSR4-16.7 of the Office of Oil and Gas, Department of Environmental Protection, the undersigned states that:

1) The	e undersigned is/are the owner(s) of record of	
	X the surface	
01		
	an interest in the surface of a tract of land described as follows:	
	Acres+/- 401	
	Watershed Grapevine Creek of the Tug Fork River	
	District Magnolia	
	County Mingo	
	Public road access State Route 49	
	Generally used farm name Logan Coal & Timber Corporation, et,al.	
(2) referen	The undersigned realize (s) that a production or gathering pipeline is to be ced surface tract in connection with the operation of the well identified below:	
	Well Operator Quality Natural Gas, LLC	
	Address P.O. Box 480 Allen, KY 41601	
	Allen, KY 41601	
	Telephone (606) 874-8041	
	Well: API Permit No. 47; (Pending)	
	For sufficient and satisfactory reasons, the undersigned hereby prescribe interest owned by the undersigned is/are concerned, the production or gathered as follows:  X On any part of the surface tract identified above:	
	or	
	On the following parts of the surface tract identified above:	
	FromTo	
	From To	<del></del>
	From To	
		·
	recution by corporation, (For execution by natural persons) rship, etc.)	
Name:	Logan Coal & Timber Corporation	
ву:	Redman & Turnan 1 Date: 2014-07-15	Received
lts:	President Signature	

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Office of Oil and Gas
WV Dept. of Environmental Protection