west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

June 23, 2016

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8702112, issued to CNX GAS COMPANY 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 7124
Farm Name: NICOLETE LUMBER CO.
API Well Number: 47-8702112
Permit Type: Plugging
Date Issued: 06/23/2016

Promoting a healthy environment.

8702112 P

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. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. 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.
3. Well work activities shall not constitute a hazard to the safety of persons.

8702112P

WW-4B
Rev. 2/01

1) Date July 27, 2015
2) Operator's Well No. 7124
3) API Well No. 47- 087 - 02112

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____/ Gas X / Liquid injection ____/ Waste disposal ____/
(If "Gas, Production X or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 828.53' Watershed Barnes Run
District Spencer-6 County Roane Quadrangle Burning Springs 221

6) Well Operator CNX Gas Company LLC
Address P.O. Box 1248
Jane Lew, WV

7) Designated Agent Anthony Kendziora
Address P.O. Box 1248
Jane Lew, WV

8) Oil and Gas Inspector to be notified
Name ~~Ed Gainer~~ Joe Taylor
Address ~~P.O. Box 821~~ 1478 Claylick Rd
~~Spencer, WV 25276~~ Ripley WV 25271

9) Plugging Contractor
Name See Attached
Address

10) Work Order: The work order for the manner of plugging this well is as follows:

See attached work order

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Office of Oil & Gas
JUN 06 2016

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector [signature] Date 4-25-16

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Plugging Work Order for Permit 47-087-02112

CNX Gas - Well DTI 7124

1. Verify TD.
2. TIH w/ 2-3/8" work string to TD. SPOT GEL.
3. Pump bottom cement plug from TD to 1800'.
4. TOH w/ 2-3/8" work string. Wait on cement before attempting to pull 6 5/8" casing.
5. Attempt to pull 6 5/8" casing and packer from well. If unable to pull, free point and cut above packer. Pull all free 6 5/8" casing.
6. TIH w/ 2-3/8" work string to 1750'.
7. Pump cement plug from 1750' to 1450' (csg point/cut and water show). (100' ABOVE SHOT) (SHOT FROM 1849'-1862')
8. Pull work string to 950'.
9. Pump cement plug from 900'-775' (elevation plug).
10. Pull work string to 300'.
11. Pump cement plug from 300' to surface.
12. TOH w/ 2-3/8" work string, and top off cement to surface.
13. Install 6" diameter x 14' monument (10' below grade, 4' above grade) API 47-087-02112.

Work Order approved by Inspector _____ Date: 6-25-16

Note: All cement will be Class A. All spacers between plugs will be 6% gel. Any casing unable to be recovered will be perforated every 200' w/4-shots and 100' cement plugs will be set to cover all cut points.

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Attachment – Form WW-4B:

Potential Plugging Contractors:

Waco Oil & Gas
P.O. Box 397
Glenville, WV 26351

Viking Well Service
8113 Sissonville Drive
Sissonville, WV 25320

Stalnaker Energy
220 West Main Street
Glenville, WV 26351

Contractor Services Inc.
929 Charleston Road
Spencer, WV 25276

Coastal Drilling
130 Meadow Ridge Rd, STE 24
Mount Morris, PA 15349

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Form H 180 25 Bks. 11-43

870212 P.

Hope Natural Gas Company
REPAIR RECORD

Well No. 7124

Farm Name Radaker & Co.

Repairs Commenced 5-11-44

Calhoun District

N S 38 E W 38

Repairs Completed 7-1-44

CASING AND TUBING RECORD

Size	Before Repairs	Pulled	Put in Well	After Repairs	Disposition of Amount Pulled
6 5/8"	1697'	None	None	1697'	
2"	2262'	2262'	Do	None	Brot to Grantsville Stock.

SHOOTING RECORD

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT Reading	Liquid	Opening	TEST AFTER SHOT Reading	Liquid	Opening	Test Taken After Shot No. Hours	By Whom Shot
6-8-44	60	1849	1862	5½"	Injun	28/10	W	¾" FM	35/10	W	¾" FM	10 Do	Marietta Torpedo Company.
Shot was tamped with stone.						22,599			44,470 cu.ft				

RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom
Commenced drilling at depth of		
Well shot & cleaned out only.		
Total Depth		2272

Names of Drillers	Time (Days)
Alfred J. Kemmner	35

Names of Tool Dressers	Time (Days)
Clarence O. Reynolds	35

PACKER RECORD
(ALSO NOTE BELOW IF ANY PACKERS ARE PULLED)

Size	Kind	Anchor	Amount Above Anchor
No Packers Run.			
1 6 5/8 X 3 Anc. Packer Pulled.			

OIL AND GAS DISCOVERIES IN DEEPER DRILLING

Oil at Not drilled any deeper. Ft. in Sands

Gas at Ft. in Sands

VOLUME AND PRESSURE REPORT

BEFORE REPAIRS

Reading	Liquid	Opening	Rock or Minute Pressure	Sands Gas From
70/10	Water	½" FM 15,745 cu.ft.		Injun

AFTER REPAIRS

VOLUME TEST

Date of Test	Flow Meter or Open Flow	Size of Opening	PITOT TUBE Reading	Liquid Used	OPEN FLOW Lbs.	Sands Gas From	
~~6-28-44~~ 6-30-44	FM	1"	35/10	Water	44,470	Injun	Tested by
7 Hrs. Time Blown							Jakie Evans.

PRESSURE TEST

Date of Test	Opening	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	6 Min.	7 Min.	8 Min.	9 Min.	10 Min.	30 Min.	60 Min.	Hrs.	Roc
6-30-44	" Casing		Not enuf gas to test from upper sands.											T in	
	6 5/8 Tubing	0	0	0	0	2	3	4	5	6	7	18	32	line.	

OIL: From No Oil Sand

Estimated Production None Bbl. per Day

Remarks: Well shot, cleaned out & shut in in 6 5/8" casing.

A. R. Wolfe

District Superintendent

Office of Oil & Gas
JUN 06 2016

8702112P

WELL NO. 27124 NAME Radaker & Co LEASE NO. 42779 ~~9381~~ ACRES 2000 N. S. 38 E. W. 38 DISTRICT Calhoun 5-1-43

District or Twp. Spencer
County Roane
State 47-087-2112 W.Va.
Commenced 6/4/19
Completed 7/25/19
Contractor C.O.C. Tool
Purchased From Carter Oil Co. 1.50 Per Foot
Date Purchased 1-1-26.
Date Connected
Sold To
Date Sold
Date Plugged
Date Abandoned
Elevation: 824' est Google Earth

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CASING AND TUBING

Size	Put in Well	Left in Well	Pulled
13 in. Casing			
10 in. Casing	570		570
8¼ in. Casing	1075		1075
6⅝ in. Casing	1697		
6¼ in. Casing			
5 1/16 in. Casing			
4⅞ in. Casing			
2 in. Tubing	2262		2262'
in. Tubing			
in. Tubing			

SHOOTING

Date	Qts.	Sand	Depth	Test Before	Test After
6-8-44	60	Injun	1849 to 1862	22399	44,470

Initial Oil Production Gas

RECORD

Elevation at Mouth of Well

Formation	Top	Bottom	Thickness	Oil at	Gas at	Water at	Thickness of Pay
Pittsburgh Coal							
Red Rock Cave	678	821	143				
Cow Run (First)	821	845	24				
Cow Run (Second)	977	1016	39				
Salt Sand (Upper)	1499	1621	122			1567	
Salt Sand (Middle)							
Salt Sand (Lower)							
Maxon							
Little Lime							
Pencil Cave	1691	1697	6				
Big Lime	1697	1842	145				
Keener Sand							
Injun Sand	1842	1865	23		1852		4
Squaw Sand							
Weir Sand							
Berea Sand	2237	2252	15				
Gantz Sand							
Fifty Foot Sand							
Thirty Foot Sand							
Gordon Stray							
Gordon Sand							
Fourth Sand							
Fifth Sand							
Corniferous Lime							
Niagara Lime							
Cave							
Clinton							
Medina Shale							
Trenton							
Total Depth	2272						

Logged 4/5/72 Log evaluation - Not Rec. for Frac.

Remarks

Lease Restriction: Well must be offered to Pennzoil before abandoned

PACKERS

Size	Make	Set a
6⅝ x 3"	Anchor	17

Form H 124-2M-5-26 Record of **HOPE NATURAL GAS COMPANY** 8702112P

Acres 2000

Well No. (26) 7124 Lease No. 42779 Name Radaker & Co. District Spencer.

District Spencer. County Roane. State W.Va.

Location Made ..... First Work Done .....

Rig Commenced ..... Rig Completed .....

Drilling Commenced 6-4-19 Drilling Completed 7-25-19

Rig Contractor ..... Drilling Contractor (If H. N. G. Co. Tools, String No.) C.O. Co. Tools.

Drillers ..... Tool Dressers .....

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
ed Rock Cave.								
~~XXXXXXXX~~		678	821					
tsburgh Coal								
ow Run 1st. ~~XXXXXXXX~~		821	845					
ow Run 2nd. ~~XXXXXXXX~~		977	1016					
e Sand								
st Salt		1499	1621		1567			
cond Salt								
ird Salt								
axon								
tle Lime								
ncil Cave		1691	1697					
g Lime		1697	1842					
ener								
g Injun		1842	1865				1852	H' Pay
uaw								
eir								
rea		2237	2252					
ntz								
fty Foot								
irty Foot								
ordon Stray								
ordon								
urth								
fth								

Initial Production - Ga
Initial Open Flow - 350,000 cu. feet.
Initial Rock Pressure - 620 lbs.

otal Depth 2272

SIZE	Charged to Well Feet	Charged to Well In.	Put in Well Feet	Put in Well In.	Pulled Out Feet	Pulled Out In.	Left in Well Feet	Left in Well In.	Transferred Before Completing Feet	Transferred Before Completing In.	Left at Well Not in Use Feet	Left at Well Not in Use In.	Steel Line Measurement Feet	Steel Line Measurement In.	If more than two strings of casing are left in hole, give reasons for leaving additional strings
" Csg.															
" "			570		570										
1¼" "			1075		1075										
5/8" "			1697												Steel Shoe on Bottom Joint
3/8" "															
" Tbg.	n		2262												
"															

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
5-5/8" x 3"	Anchor		1727	

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT Reading	TEST BEFORE SHOT Liquid	TEST BEFORE SHOT Opening	TEST AFTER SHOT Reading	TEST AFTER SHOT Liquid	TEST AFTER SHOT Opening	Test Taken After Shot No. Hours	By Whom Shot

CEMENTING RECORD

Date Cemented ..... Size Hole Cemented ..... Size Casing Cemented .....

Top Pittsburgh Coal ..... Top Cementing ..... Amount Cement Used .....

Bottom Pittsburgh Coal ..... Bottom Cementing ..... Amount Sand Used .....

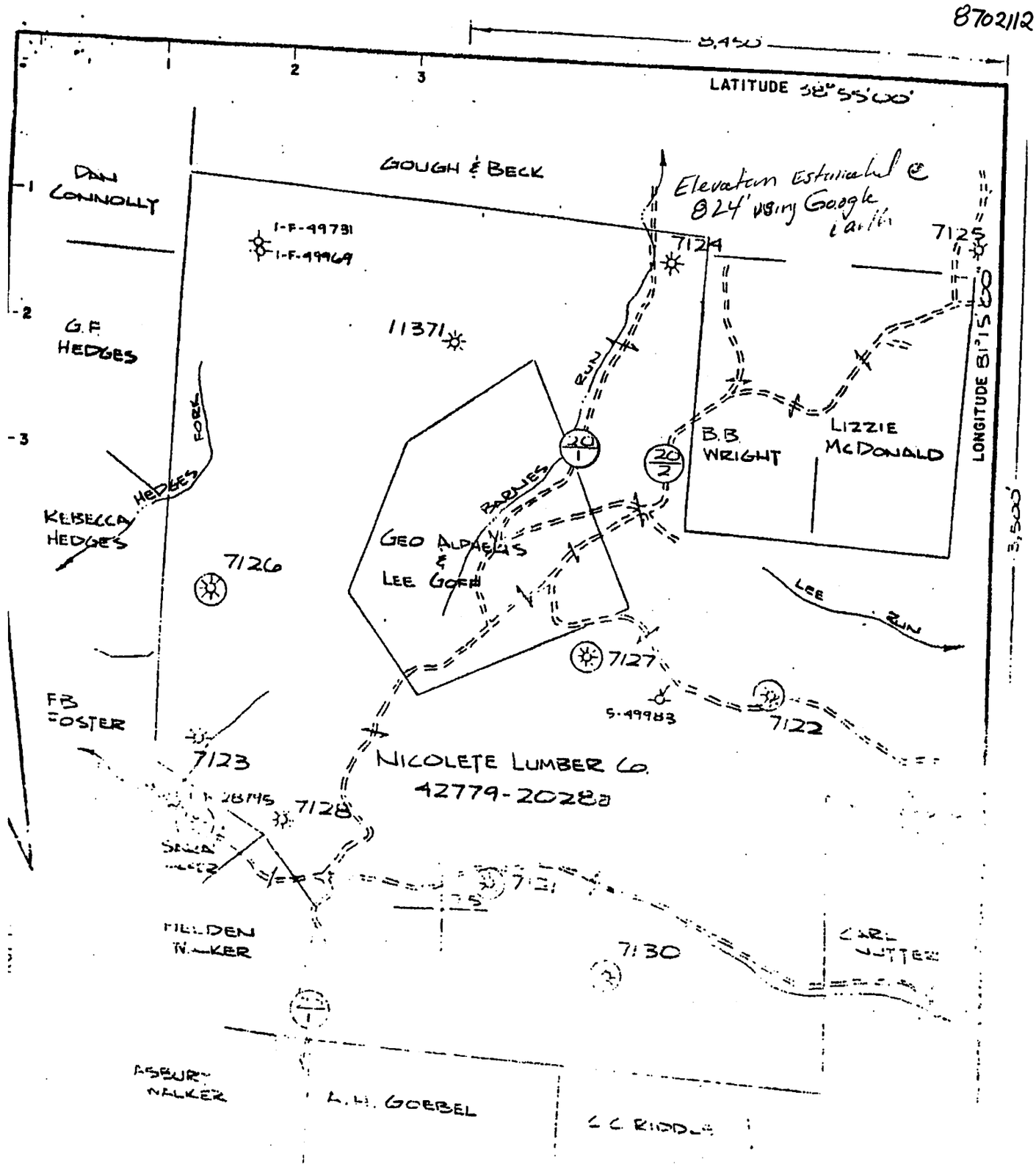
Mr. ..... of ..... Coal Company on ground when coal was cemented

Remarks: ..... Signature of persons who cemented well

.....

Approved .....
Foreman

8702112P



NICOLETE LUMBER CO
42779-2028a
SPECIAL DIST ROANE CO WVS
[illegible] SHEET [illegible] S-38 W-30
[illegible] BURN [illegible] SPRINGS 7.5
[illegible] 1320'

Roane 2112

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Office of Oil & Gas
JUN 06 2016

7124

8702112P

WW-4A
Revised 6-07

1) Date: July 27, 2015
2) Operator's Well Number
7124

3) API Well No.: 47 - 087 - 02112

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Jill Dee Brookhart
Address: 1481 Mulberry Ridge
Spencer, WV 25276

(b) Name
Address

(c) Name
Address

5) (a) Coal Operator
Name: None of Declaration
Address

(b) Coal Owner(s) with Declaration
Name: Frank F. & Margaret L.C. Nicola Heirs % David N. Scaife
Address: Auto-Palace Porsche, 4627 Baum Blvd.
Pittsburgh, PA 15213

Name: Charles W.R. & Evelyn H. Radeker Heirs % Imogene Radeker Stevens
Address: 478 Murrells Cove Road
Asheville, NC 28803

6) Inspector: ~~Ed Gainer~~ Joe Taylor
Address: ~~P.O. Box 821~~ 1478 clay lick Rd
Spencer, WV 25276 Ripley WV 25271
Telephone: ~~304-389-7582~~ 304-386-7469

(c) Coal Lessee with Declaration
Name: None of Declaration
Address

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

(1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
(2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator: CNX Gas Company LLC
By: Matthew Hanley
Its: Permitting Manager
Address: 1000 CONSOL Energy Drive
Canonsburg, PA 15317
Telephone: 724-485-3011 - Matthew Hanley, Permitting Manager

Subscribed and sworn before me this 31st day of May, 2016
Sara M Micoli Notary Public
My Commission Expires 03/11/2019

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Sara M. Micoli, Notary Public
Cecil Twp., Washington County
My Commission Expires March 11, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

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JUN 06 2016

8702112P

WW-9
(2/15)

API Number 47 - 087 - 02112
Operator's Well No. 7124

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CNX Gas Company LLC OP Code 494458046

Watershed (HUC 10) Barnes Run Quadrangle Burning Springs

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☐ No ☑

Will a pit be used? Yes ☐ No ☑

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☐ If so, what ml.? N/A

Proposed Disposal Method For Treated Pit Wastes:

- ____ Land Application
- ____ Underground Injection (UIC Permit Number _____)
- ____ Reuse (at API Number _____)
- ■ Off Site Disposal (Supply form WW-9 for disposal location)
- ■ Other (Explain Waste Management or Ryan Environmental will use vacuum trucks, and properly dispose of fluid and waste returns.

Will closed loop system be used? If so, describe: _____

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. _____

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

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 application form and all attachments thereto 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 or imprisonment.

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Company Official Signature Matthew Hanley

Company Official (Typed Name) Matthew Hanley

Company Official Title Manager - Gas Permitting

Subscribed and sworn before me this 31st day of May, 2016

Sara M Micoli Notary Public

My commission expires 03/11/2019

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Sara M. Micoli, Notary Public
Cecil Twp., Washington County
My Commission Expires March 11, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

8702112P

Form WW-9

Operator's Well No. 7124

CNX Gas Company LLC

Proposed Revegetation Treatment: Acres Disturbed 0.50 acres Prevegetation pH 6.5

Lime according to pH test Tons/acre or to correct to pH 7.0

Fertilizer type Granular or Liquid

Fertilizer amount 500 lbs/acre

Mulch hay or straw @ 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Orchard Grass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10

Attach:
Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Sediment control in place at All times during plugging operations

Comments:

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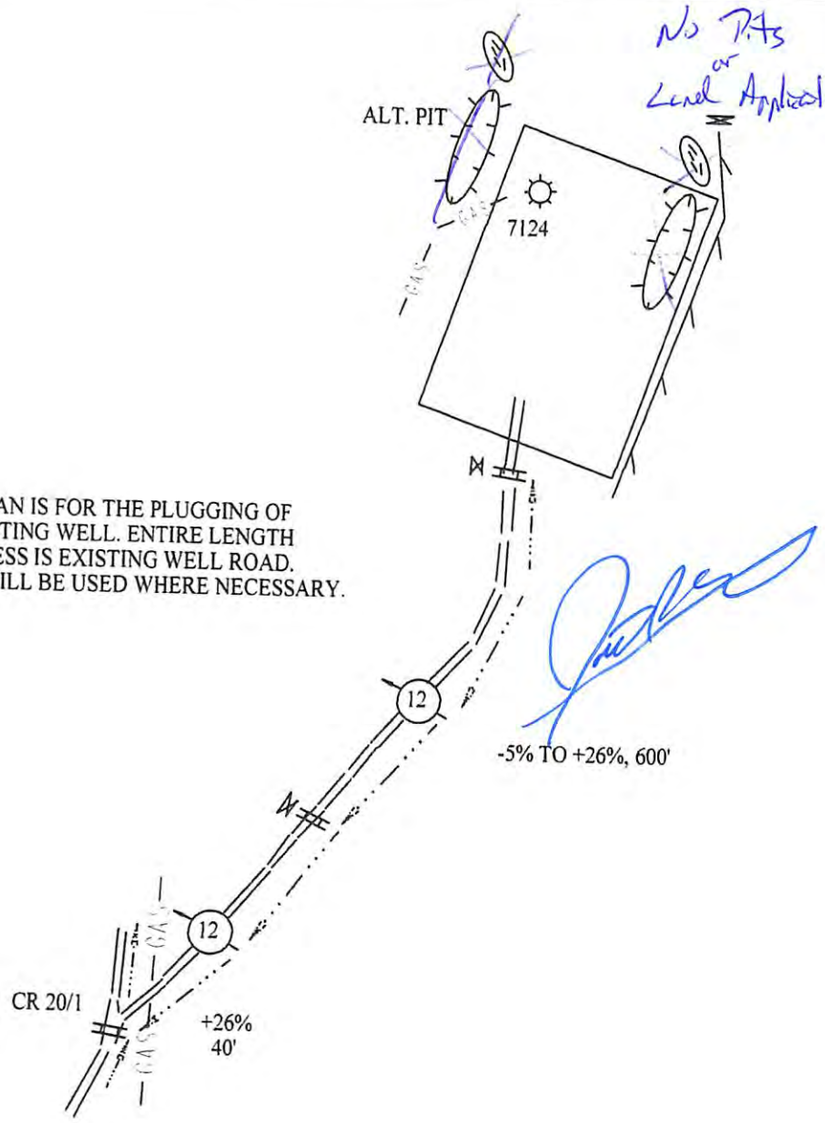
Office of Oil & Gas
JUN 06 2016

Title: OOG Inspector Date:

Field Reviewed? (X) Yes ( ) No

8702112P

No Pits or Land Application



THIS PLAN IS FOR THE PLUGGING OF AN EXISTING WELL. ENTIRE LENGTH OF ACCESS IS EXISTING WELL ROAD. ROCK WILL BE USED WHERE NECESSARY.

THIS IS IN A REMOTE HOLLOW. COUNTY ROUTE 20/1 IS IN POOR CONDITION AND IS ONLY SUITABLE FOR CAPABLE FOUR WHEEL DRIVE VEHICLES AND ATV TRAFFIC. THIS IS THE CASE FROM THE JUNCTION OF THE 7124 WELL ROAD FOR A DISTANCE OF 0.35 MILE TO THE SOUTH. THE ROAD THEN REMAINS NARROW BUT IS ROCKED AND IN BETTER CONDITION TO ITS INTERSECTION WITH COUNTY ROUTE 20/2 ON MULBERRY RIDGE.

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 5762

DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

P. O. BOX 1248

JANE LEW, WV 26378

WATERSHED: BARNES RUN

DISTRICT: SPENCER **COUNTY:** ROANE

QUADRANGLE: BURNING SPRINGS **WELL NO.:** 7124

DATE: 12/05/14 **PAGE** ____ **of** ____

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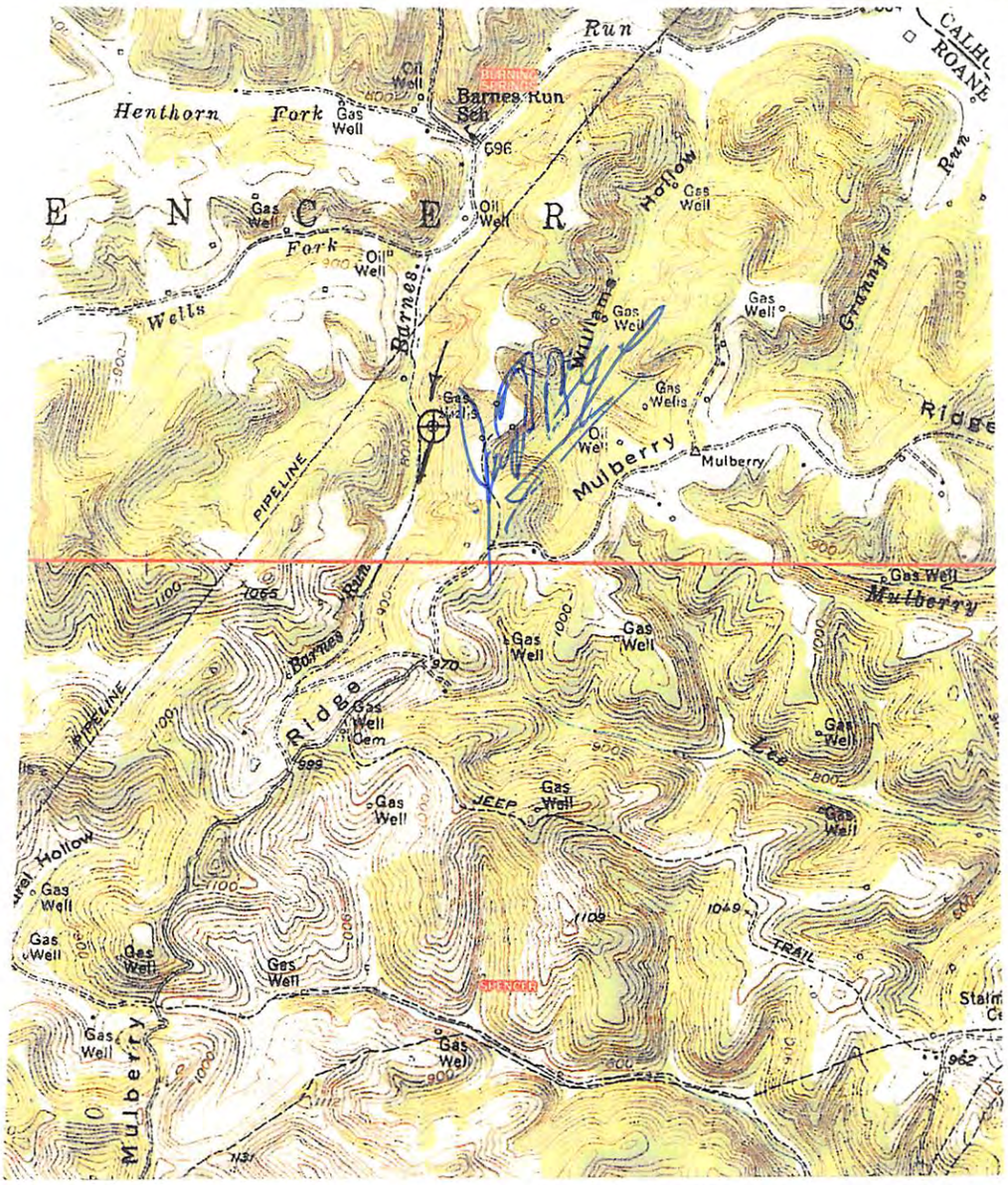
JUN 06 2016

8702112P



DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

P. O. BOX 1248

JANE LEW, WV 26378

WATERSHED: BARNES RUN

DISTRICT: SPENCER **COUNTY:** ROANE

QUADRANGLE: BURNING SPRINGS **WELL NO.:** 7124

DATE: 12/05/14 **PAGE** ____ **of** ____

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 5762

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JUN 06 2016

8702112P

WW-7
5-02

West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-087-02112 WELL NO.: 7124

FARM NAME: NICOLETE LUMBER CO.

RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC

COUNTY: ROANE DISTRICT: SPENCER -6

QUADRANGLE: BURNING SPRINGS -271

SURFACE OWNER: JILL DEE BROOKHART

ROYALTY OWNER: CNX GAS COMPANY LLC

UTM GPS NORTHING: 4,303,431.87 METERS

UTM GPS EASTING: 475,740.46 METERS GPS ELEVATION: 252.54 METERS 835'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 Coordinate Units: meters Altitude: Height above mean sea level (MSL) - meters
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method: Survey Grade GPS ____ : Post Processed Differential ____ Real-Time Differential ____

   Mapping Grade GPS X : Post Processed Differential ____ Real-Time Differential X

I the undersigned hereby state this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulation issued and prescribed by the Office of Oil and Gas.

Signature _____ Title WV Professional Surveyor #674
Stephen D. Losh, PS #674

Date 12/05/2014

STEPHEN D. LOSH LICENSED No. 0674 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

CNX USE: NAD 27 WV NORTH SPC: 7124 = 143,178.45' 1,493,305.34' ELEV. = 828.53'

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Office of Oil & Gas
JUN 06 2016

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LAND SURVEYING SERVICES

Stephen D. Losh, PS J. Michael Evans, PS 21 Cedar Lane Bridgeport, WV 26330
Phone & Fax (304) 842-2018 or 842-5762 sdlosh@frontier.com

December 05, 2014

DRIVING DIRECTIONS FOR 7124

From the junction of U. S. Route 33 and County Route 5/16 (Triplett Road) a little east of Spencer, proceed on County Route 5/16 for 5.00 miles (Note: the route will change to CR 16 and then to CR 20 but if you stay on the main road for the 5.00 miles you will be OK). Turn left on County Route 20/1 (Mulberry Ridge Road). Go 2.35 miles and turn left down the hill, staying on County Route 20/1. Go 0.75 mile and turn right on the well road.

Nearest Fire Station: Spencer

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JUN 06 2016

8702112P

CNX Gas Company LLC
CNX Center
1000 CONSOL Energy Drive
Canonsburg, PA 15317-6506

phone: 724 485-3011
e-mail: MattHanley@consolenergy.com
web: www.consolenergy.com

MATTHEW HANLEY
Manager – Gas Permitting (Southern and Ohio Regions)

June 1, 2016

West Virginia Department of Environmental Protection
Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

RE: **Plug and Abandon Permit Submittal: Well 7124**

To Whom it May Concern:

Enclosed, please find the following plugging permit for your review and consideration:

Well Number	API
7124	47-087-02112

No pits will be utilized during the plugging of this well, and any fluids encountered during operations will be stored in roll off boxes and removed as outlined in the application.

Should you need any further information, please contact me at (724) 485-3011 or by email at matthanley@consolenergy.com.

Sincerely,

Matthew Hanley
Manager – Gas Permitting (Southern and Ohio Regions)
CNX Gas Company LLC

Received
Office of Oil & Gas
JUN 06 2016

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OF-6
Rev. 1/12

BOND NUMBER CMS0260746

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
BLANKET BOND FOR OIL OR GAS WELLS,
LIQUID INJECTION WELLS OR WASTE DISPOSAL WELLS

KNOW ALL MEN BY THESE PRESENTS:

(1) That we, CNX Gas Company LLC

(2) CNX Center, 1000 CONSOL Energy Drive, Canonsburg, PA 15317-6506

As Principal, and (3) RLI Insurance Company

(4) P.O. Box 3967, Peoria, IL 61612

a firm and/or a corporation authorized to do business in the State of West Virginia, as Surety, are held and firmly bound unto the State of West Virginia in the just and full sum of (5) two hundred and fifty thousand dollars ($ 250,000) to the payment thereof well and truly to make, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bound Principal in pursuance of the provisions of Chapter 22, Article 6 and/or 6A, of the Code of West Virginia, 1931, as amended, and the regulations promulgated thereunder, has made or intends to make application to the Chief of the Office of Oil and Gas, Department of Environmental Protection, the State of West Virginia for a permit to perform well work (as defined in Chapter 22, Article 6 and/or 6A), on oil or gas wells and/or liquid injection wells and/or waste disposal wells, or has acquired or purchased, or shall hereafter acquire or purchase such wells, or has been or shall be assigned operating responsibility, for such wells located in West Virginia; and

WHEREAS, THE Obligee as a condition precedent to the issuance of such Permit or release of other obligation has required the Principal to furnish a SURETY BOND acceptable to the Obligee guaranteeing the performance of said provisions of Chapter 22, Article 6 or 6A, of the Code of West Virginia, 1931, as amended, and the regulations promulgated thereunder;

NOW THEREFORE, the condition of this obligation is such that if the Principal, its personal representatives, successors, heirs and assigns shall in performing oil work (as defined in Chapter 22, Article 6 and/or 6A) or operating such wells shall furnish all reports, information and affidavits as may be required by the Department of Environmental Protection, Office of Oil and Gas, documenting that said wells have been plugged and abandoned in accordance with Chapter 22, Article 6, of the Code of West Virginia, 1931, as amended, and the regulations promulgated thereunder, then this obligation to be void; otherwise to remain in full force and effect.

This bond shall be effective from the (11) 02nd day of May, 2012, until released by the Department of Environmental Protection.

IN WITNESS WHEREOF the said Principal has hereunder set his or its hand and affixed his or its seal, and the said surety has caused its corporate name to be signed hereto and its corporate seal to be hereunto affixed by its duly authorized officer or agent this instrument this (12) 02nd day of May, 2012.

(15) Principal Corporate Seal

(13) CNX Gas Company LLC (Seal)
(Principal)

(14) By: _____
(Title) Nicholas J. DeLuliis, Manager
(Must be President or Vice President)

(18) Surety Corporate Seal

(16) RLI Insurance Company (Seal)
(Surety)

(17) By: _____
Sandra L. Hem, Attorney-in-Fact

19) Countersigned: N/A
(Resident West Virginia Agent)

(20) Address: _____

(21) Telephone: _____

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(REVERSE)

ACKNOWLEDGMENTS

Acknowledgment by Principal if Individual or Partnership

1. STATE OF _____
2. County of _____ to-wit:
3. I, _____, a Notary Public in and for the
4. county and state aforesaid, do hereby certify that _____ whose name is signed to the foregoing writing, has this day acknowledged the same before me in my said county.
5. Given under my hand this _____ day of _____ 20_____.
6. Notary Seal 7. _____

(Notary Public)

8. My commission expires on the _____ day of _____ 20 ____.

Acknowledgment by Principal if Corporation or Limited Liability Company

9. STATE OF Pennsylvania
10. County of Washington to-wit:
11. I, Kathryn A. Galie, a Notary Public in and for the
12. county and state aforesaid, do hereby certify that Nicholas J. Deluliis
13. who as, Manager signed the foregoing writing for
14. CNX Gas Company, LLC a corporation/LLC, has this day, in my said county, before me, acknowledged the said writing to be the act and deed of the said corp/LLC.
15. Given under my hand this 3rd day of May 20 12.
16. Notary Seal 17. Kathryn A. Galie

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Kathryn A. Galie, Notary Public
Upper St. Clair Twp., Allegheny County
My Commission Expires Oct. 1, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

(Notary Public)

18. My commission expires on the 1st day of October 20 15.

Acknowledgment by Surety

19. STATE OF Missouri
20. County of St. Louis City to-wit:
21. I, JoAnn R. Frank, a Notary Public in and for the
22. county and state aforesaid, do hereby certify that Sandra L. Ham
23. who as, Attorney-In-Fact signed the foregoing writing for
24. RLI Insurance Company a corporation has this day, in my said county, before me, acknowledged the said writing to be the act and deed of the said corporation.
25. Given under my hand this 02nd day of May 20 12.
26. Notary Seal 27. JoAnn R. Frank

JOANN R. FRANK
Notary Public - Notary Seal
State of Missouri
Commissioned for St. Louis City
My Commission Expires: June 20, 2014
Commission # 11105572

(Notary Public)

28. My commission expires on the 20th day of June 20 14.

Sufficiency in Form and Manner Of Execution Approved

Attorney General

This _____ day of _____ 20 ___

By _____
(Assistant Attorney General)

8702112P

RLI Surety
P.O. Box 3967 | Peoria, IL 61612-3967
Phone: (800)645-2402 | Fax: (309)689-2036
www.rlicorp.com

POWER OF ATTORNEY
RLI Insurance Company

Know All Men by These Presents:

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That **RLI Insurance Company**, an Illinois corporation, does hereby make, constitute and appoint:
Pamela A. Beelman, Cynthia L. Choren, Heidi A. Notheisen, Debra C. Schneider, JoAnn R. Frank, Karen L. Roider, Sandra L. Ham, jointly or severally.

in the City of Saint Louis, State of Missouri its true and lawful Agent and Attorney in Fact, with full power and authority hereby conferred, to sign, execute, acknowledge and deliver for and on its behalf as Surety, the following described bond.

Any and all bonds provided the bond penalty does not exceed Twenty Five Million Dollars ($25,000,000.00).

The acknowledgment and execution of such bond by the said Attorney in Fact shall be as binding upon this Company as if such bond had been executed and acknowledged by the regularly elected officers of this Company.

The **RLI Insurance Company** further certifies that the following is a true and exact copy of the Resolution adopted by the Board of Directors of **RLI Insurance Company**, and now in force to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, the **RLI Insurance Company** has caused these presents to be executed by its Vice President with its corporate seal affixed this 11th day of July, 2011.

RLI INSURANCE COMPANY CORPORATE SEAL ILLINOIS

RLI Insurance Company

By: _____
Roy C. Die Vice President

State of Illinois
County of Peoria } SS

On this 11th day of July, 2011, before me, a Notary Public, personally appeared Roy C. Die, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the **RLI Insurance Company** and acknowledged said instrument to be the voluntary act and deed of said corporation.

By: Cherie L Montgomery
Cherie L. Montgomery Notary Public

"OFFICIAL SEAL"
CHERIE L. MONTGOMERY
COMMISSION EXPIRES 02/02/12
NOTARY PUBLIC STATE OF ILLINOIS

CERTIFICATE

I, the undersigned officer of **RLI Insurance Company**, a stock corporation of the State of Illinois, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the **RLI Insurance Company** this 02nd day of May, 2012.

RLI Insurance Company

By: _____
Roy C. Die Vice President

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