



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

May 26, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4102383, 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 penalties 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: 10056

Farm Name: LUNSFORD, A.

API Well Number: 47-4102383

Permit Type: Plugging

Date Issued: 05/26/2015

Promoting a healthy environment.

05/29/2015

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.

1) Date 3/25, 2015
2) Operator's
Well No. 10056
3) API Well No. 47-041 - 02363

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 ___/ ShallowX

5) Location: Elevation 1110.56' Watershed Lifes Run
District Hackers Creek County Lewis Quadrangle Weston

6) Well Operator CNX Gas Company LLC 7) Designated Agent Matthew Imrich
Address P.O. Box 1248 Address P.O. Box 1248
Jane Lew, WV Jane Lew, WV

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Barry Stallings Name See Attached
Address 28 Conifer Drive Address _____
Bridgeport, WV 26330

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
MAR 27 2015

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

Work order approved by inspector Barry Stallings Date 3-24-15

Plugging Work Order for Permit 47-041-02383

CNX Gas - Well DTI 10056

1. Pull 3" tubing and packer.
2. TIH w/2-3/8" work string to TD'.
3. Pump cement plug from TD to 2100'.
4. Pull work string to 1850'
5. Pump cement plug from 1850' to 1700' (gas show).
6. TOH with work string.
7. Attempt to pull 6 5/8" casing and packer. If unable to pull free point and cut casing above the packer. Pull all free 6 5/8" casing.
8. TIH w/2-3/8" work string to 1575'.
9. Pump cement plug 1575' to 1450' (csg point/cut).
10. Pull work string to 1300'.
11. Pump cement plug from 1300' to 1100'.
12. TOH with work string.
13. Attempt to pull 10" casing. If unable to pull perforate pipe.
14. TIH w/2-3/8" work string to 200'.
15. Pump cement plug from 200' to surface.
16. TOH with work string and top off cement to surface.
17. Install 6" diameter x 14' monument (10' below grade, 4' above grade)
API 47-041-02383.

Work Order approved by Inspector Bany Shalep Date: 3-24-15

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.

GEL SPACERS BETWEEN ALL PLUGS.

gwh

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Attachment – Form WW-4B:

Potential Plugging Contractors:

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

Viking Well Service
8113 Sissonville Drive
Sissonville, WV 25320

Stalnaker Energy
220 West Main Street
Glennville, 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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DeBrular Well Servicing, Inc

(304) 269-7292 (Shop)
 (304) 269-3071 (Office)

Rt. 4 Box 454
 Weston, WV 26452

Invoice #	19313
Date	10/26/1998

Daily Report and Summary

CUSTOMER INFORMATION				WELL INFORMATION				
COMPANY	CNG Transmission Corporation			LOCATION	Life's Run, Lewis County			
ADDRESS	Products Division Headquarters			WELL NAME / NO	10056			
	500 Davisson Run Road			FARM NAME				
PHONE	Clarksborg, WV 26301			TAX EXEMPT NO.	91-1-025878			
	623-8767			P.O. NUMBER	22974			
TANK READING				PRESSURE READING				
ENDING READING	0'	OIL%	100%	ANNEX A.M.	0	TUBING A.M.	0	
BEGINNING	0'	WATER	0%	P.M.	0	P.M.	0	
TOTAL FOR DAY	15'		15.00bbls.	DIFFERENTIAL:		0		
TUBING INFORMATION				CASING INFORMATION				
TUBING SIZE	0	TUBING DEPTH	9999	FORMATION	PERF TOP	PERF BOT	BAFFLES	
PACKER	2164	SEATING	0		0	2366	OUT	
TUBING	0	RODS PULLED	0					
APPROXIMATE FLUID LEVEL IN HOLE:				ACTUAL TD	2425	AMT.	59	
NUMBER RUNS WITH SWAB OR BAILER:		600		CASING TD	2430	CASING SIZE	3 1/2	
NUMBER RUNS WITH SAND PUMP:		18						
DEPTH SWABBED/BAILED TO:		0						
WELL FLOWED (YES/NO):		2425						
		N						
TEST RESULTS								
FLOW METER OR OPEN FLOW		SIZE OPENING	READING	LIQUID USED		CUBIC FEET		
FLOW METER		1	10/10ths	WATER		23.814 M		
ROCK PRESSURE TEST - PSI								
1 MIN	2 MIN	3 MIN	4 MIN	5 MIN	6 MIN	7 MIN	8 MIN	
						9 MIN	10 MIN	
						15 MIN	30 MIN	
						60 MIN		
							ROCK	
NOTES								PERM
Arrived on location and let the dozer build a location. We then set up Rig #1, blew the well down and measured in. We began to swab and after filling up the small tanker we brought in a bigger one to swab into. We swabbed the well down and began to bail and after cleaning the well up we shut it in and hauled the fluid to Lightburn Station. 10/26/98 - Use tanker truck; Use 3" coupler.								YES
OPERATOR Tony Butcher		RIG HAND BD	ORDERED BY John Walsh		RIG # 1			
SUMMARY OF CHARGES								
QUANTITY	DESCRIPTION		UNIT PRICE	TOTAL PRICE				
6.00	Rig and Tanker Truck		60.00	360.00				
4.00	3 1/2" V Cup		6.50	26.00				
				SUB-TOTAL:		386.00		
				SALES TAX:		0.00		
				TOTAL DUE:		386.00		

FIELD SIGNATURE: _____

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Office of Oil & Gas

05/29/2015

HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. 10056

Kanawha DISTRICT

On A. Lunsford Farm on waters of Lifes Run

Hackers Creek District, Lewis County, West Virginia.

Lease No. 67300 Acres 190 N. 28 E. 11 W.

Scale: One inch equals 1320' Instructions C 7 Hope Location made February 20th, 1957

Location to be made PURCHASED WELL. Well purchased from Equitable Gas Co., effective Feb. 4th, 1957
their well No. 7036. HOPE PLAT MADE FOR RECORD PURPOSES ONLY.

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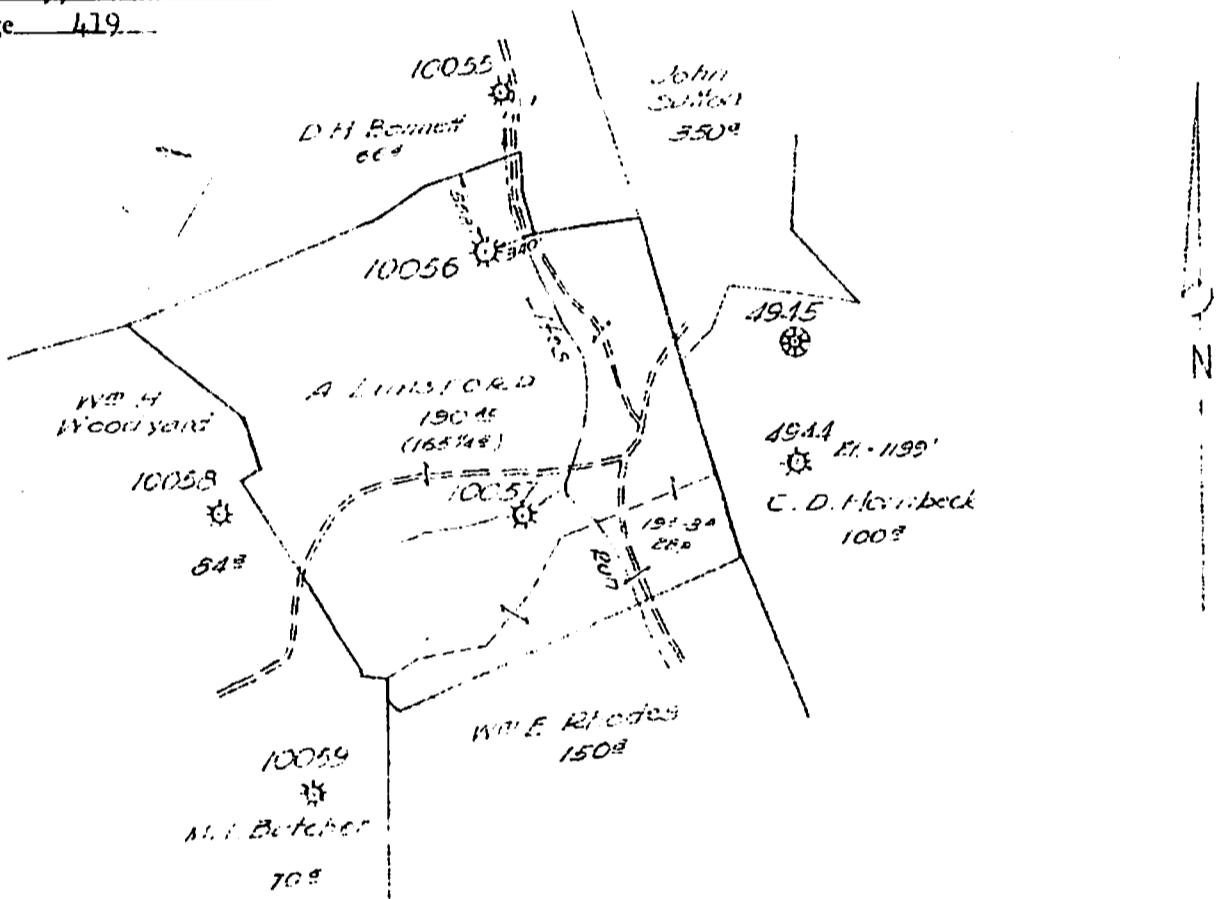
Date Lease 8 - 10 - 99

Lessors: A. Lunsford

Lessee: John E. McGuire

Recorded: 10 - 12 - 99

Book 40 Page 419



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ELEVATION _____

SPECIAL INSTRUCTIONS: RESERVED: 500 feet around all buildings on premises.

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Wells 10057 on the same lease

Location made 19 by _____ per plat.

Location changed 19 as authorized by _____ on account of _____

On field map _____ Returned _____ 19 _____ Signed _____

HOPE NATURAL GAS COMPANY

Inventory of ANDREW LUNSFORD WELL (Equitable #7036)

Hackers Creek District Lewis County, West Virginia

Purchased from Equitable Gas Company (Equitable) Date FEB 4 1957

Assigned No. 10,056 Working District Kanawha

Remarks _____

Quantity	ITEMS IN DETAIL	Cond.							
419 ft.	10-3/4" OD Casing (does not show)	2							
1,520 ft.	7" OD Casing	2							
2,430 ft.	3-1/2" OD Tubing	2							
1	8-1/4 x 6-5/8" Bottom Hole Packer	2							
1	6-5/8 x 3" Hook Wall Packer	2							
2	3" 35-P Atwood Flanged Gate Valves	2							
1	6-5/8 x 3 x 1 x 1/2" Welded Casing Head	2							
1	1" Nipple	2							
1	1" 250# Jarecki Globe Valve	2							
3	1/2" Nipples	2							
3	1/2" Br. Stop Cocks	2							
3	1/2" G. I. Flugs	2							
1	3" Welded Tee, tapped 1/2"	2							
3	3" Flanges	2							
1	3" Nipple	2							
1	3 x 1/2" Special flange Union	2							

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A water well is drilled approx. 5 ft. from this well. Water well is finished in regular steel 8-5/8" casing. Base of a hand type water pump is suspended over the 8-5/8" casing by means of a G. I. flange and an unknown amount of 1-1/4" Galv. pipe is screwed on to the pump base.

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4102383P

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10056 LINSEFORD, ANDREW		TRACT NO. 1055		ACRES 146		NEAR WILSON		SECTION 177		TOWNSHIP 10 N		COUNTY 10 W			
FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	CLASSIFICATION			
Hackers Creek						CONCRETE	1165	1180				CASING AND TUBING DATA			
Lewis	Sand	50	65		40	"	1185	1200				SIZE	PUT IN	DATE	REMOVED
BEVERLY COAL						"	1205	1220				1 1/2"			
DATE	MEASUREMENT					8" SAND (SANDSTONE)	1247	1259				1 1/2"			
27-60	Sand	75	90		75	8" SAND (SANDSTONE)						3"	11-15		
REDSTONE						BOTTOM SAND (SANDSTONE)	1986	2052				3"	15-20		
PITTSBURGH						STN	2062	2092	2066			3"			
22-16	SHAW SAND	155	188			STN						3"			
27-15	JAMES LIMESTONE					STN						3"			
BASETOWN COAL						STN						3"			
SPRING SAND		345	360			STN						3"			
SPRING SAND		390	460			STN						3"			
UPPER FREEPORT COAL						BAYARD	7355	7366				3"	2-23	10-26	2-23
Freeport Sand		556	620			"						3"	2-23	9-18	2-23
U. STN.						"						3"	2-23	5-20	2-23
10-27-47	Homeport Sand	630	704			ELIZABETH SAND						3"			
10-27-47	U. STN.					1ST WARREN SAND						3"			
10-27-47	U. STN.					2ND						3"			
10-27-47	U. STN.					SPEECH STRAY SAND						3"			
10-27-47	U. STN.					SPEECH SAND						3"			
10-27-47	U. STN.					TERRA SAND						3"			
10-27-47	U. STN.					1ST SALT TOWN SAND						3"			
10-27-47	U. STN.					2ND						3"			
10-27-47	U. STN.					SHEPPARD						3"			
10-27-47	U. STN.					1ST BRADFORD (SANDSTONE)						3"			
10-27-47	U. STN.					2ND						3"			
10-27-47	U. STN.					3RD						3"			
10-27-47	U. STN.					4RD						3"			
10-27-47	U. STN.					KANE SAND						3"			
10-27-47	U. STN.					ELK SAND						3"			
10-27-47	U. STN.					CRISKANY SAND						3"			
10-27-47	U. STN.					TOTAL DEPTH		2475				3"			
10-27-47	U. STN.					TOTAL DEPTH		2475				3"			

OPENFLOW VOLUME & PRESSURE DATA											PIPE LINE DATA											
DATE	LIQUID	SIZE		MINUTES						24 HR. 10 DAY		VOLUME	PRODUCING SAND	C/D NO.	DATE LAID	DATE RECD	SIZE	FEET LAID	FEET RECD	REMARKS		
		OPENING	TUBING	1	2	3	4	5	15	30	60										R.P.	P.P.
11-1-15	Water	6 1/2"	4"	14	27				57			250	16hr.	41659	Barren - 4 1/2"	255	11-1-15		6"	202		PE
		5"	3 1/2"	36	100	148	186	246				750		41793	"							
		4"	3 1/2"	6	11	16	21	26				250		165	Barren - 4 1/2" - 2 1/2"							
		3"	3"	9	14	21	28	34				250		165	4 1/2" - 2 1/2"							
		3"	3"	7	14	20	26	31				250		166	4 1/2" - 2 1/2"							

REPAIR AND DRILLING DEEPER								SHOOTING RECORD				VOLUME FACTOR DATA			
REASON	COMMENCED	COMPLETED	C/D DR. D/D TO	VOLUME		ROCK PRESS.		DATE	AMT.	DEPTH	VOLUME		REMARKS		
				BEFORE	AFTER	BEFORE	AFTER				BEFORE	AFTER			
DRD	9-7-18	9-19-18	2025												
DRD	9-23-18	10-3-18	2025	10.9	11.9		57								
DRD	11-23-18	12-28-18	2025	11.5	12		380								
DRD	11-23-17	12-27-17	2025	11.3	14.5	396	431								
DRD	11-23-17	12-27-17	2025	11.3	14.5	396	431								
DRD	11-23-17	12-27-17	2025	11.3	14.5	396	431								

PREVIOUS TO 11-34-15 = 15,307
 2475 / 15.307 = 161.724
 161.724 * 11-15-15 = 1797.3
 PRESENT
 D = 2475
 2475 - (15.307 * 155) = 9846
 261 - (15.307 * 21.37) = 3577
 15473

4102383P

WELL No. 10056 NAME Andrew Lunsford LEASE No. 67300 ACRES 190 N. S. 28 E. 11 W. DISTRICT ~~WESTON~~ WESTON

istrict Hackers Creek
 unty Lewis
 rmit Granted 47-041-2383
 eated 8-10-15
 ommenced 9-22-15
 ompleted 10-27-15
 ontractor E. T. Goe s
 urchased from Equitable Gas Co. Per Foot
 ate Purchased 2-4-57
 ate Shut In
 ate Connected 2-4-57
 ate Turned on 2-4-57 Off
 ate Disconnected
 old to
 ate Sold
 ate Re-Purchased
 ate Plugged
 ug Cert. Sent D. of M.
 ate Abandoned
 levation

RECORD					
FORMATION	TOP	BOTTOM	OIL AT	GAS AT	WATER AT
Sand	50	65			40
B. Dunkard	390	460			45
Gas Sand	556	704			
1st Salt	780	832			
2nd Salt	890	980			
3rd Salt	1105	1140			
Maxon	1350	1438			
Big Lime	1463	1518			
Injun	1518	1635			
Gantz A	1794	1816			
50'	1865	1920			
30'	1947	1959			
4th	2162	2192			
Bayard	2355	2366			
Total Depth		2203			
Deeper		2425			11-18-18

1796
 2166
 2172
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CASING AND TUBING			
SIZE	PUT IN WELL	PULLED	CEMENTED
10 in. Casing	419		Date
6-5/8 in. Casing	1520		Size Casing
in. Casing			Top Ft.
in. Casing			Bottom Ft.
3 in. Tubing	2203	2203	
3 in. Tubing	2425	2425	
3 in. Tubing	2430		

SHOOTING				
DATE	OTS.	SAND	VOLUME BEFORE	VOLUME AFTER

VOLUME AND PRESSURE TESTS											PACKERS				
DATE TAKEN	READING	LIQUID	OPENING	POUNDS PRESSURE	1 MIN.	5 MIN.	10 MIN.	30 MIN.	60 MIN.	ROCK	VOLUME	SAND	SIZE	MAKE	SET AT
Oct.	27	1915			14	67				15hrs 750	659,000	Berea & 4th	3X6-5/8	H.W.	2164
"	28	"			56	234				750	598,000	" "			
Sept.	19	1918			6	26		148	208		165,000	" " Bay.			
"	20	"			8	34				254	165,000	4th & Bayard			
May	4	1938			7	31				330	106,000	" "			
Feb.	1	1956	34/10	W.							10,945	" "			

Special

INITIAL OIL PRODUCTION		
DATE	BARRELS	SAND

Record of Hope Natural Gas Company

4102383P Acres 190

Well No. 10056 Lease No. 67300 Name Andrew Lunsford District Kanawha
 District Hackers Creek County Lewis State W.Va.

Location Made August 10, 1915 First Work Done September 22, 1915
 Rig Commenced _____ Rig Completed _____
 Drilling Commenced September 22, 1915 Drilling Completed October 27, 1915
 Rig Contractor _____ Drilling Contractor R. T. Goe
 Drillers _____ Tool Dressers _____

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurement	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Sand		50	65		40			
Sand		75	90		75			
Sand		155	188					
Sand		345	360					
Sand <i>Bill DUNKARD</i>		390	460					
Freeport Sand	GAS SAND	556	620					
Lowwood Sand		630	704					
ST SALT SAND		780	832					
Sand		890	896					
Sand <i>2nd SALT</i>		935	980					
Sandy Lime		980	1065					
Sand <i>3rd SALT</i>		1105	1140					
MAXTON		1350	1438					
BIG LIME (Keener)		1463	1518					
BIG INJUN SAND		1518	1635					
BEREA SAND <i>GANTZ "A"</i>		1794	1816				1796	
SHALE		1865	1892					
SHALE <i>50'</i>		1895	1920					
SHALE		1947	1959					
Red Sandy Lime		1986	2152					
SHALE		2162	2192				2166-72	
SHALE		2355	2366					
Total Depth			2425	Log changed 11-18-46 - cde				

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Steel Line Measurement		If more than two strings of casing are left in hole, give reasons for leaving additional strings.
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
10" csg.	10		419												Received Office of Oil & Gas MAR 27 2015
6-5/8"			1520												
8" "															
7" "															
3" Tbg.			2203		2203										
3" Tbg.			2425		2425										
3" "			2430												

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
3 x 6-5/8"	A. .	Set at 2164'		Date pulled 9-18
"	A	2159		5-38
"	H - W	2164		

SHOOTING RECORD (IF SHOT BEFORE OR UPON COMPLETION OF WELL)

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

CEMENTING RECORD

05/29/2015

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
 Signature of persons who cemented well

Approved _____ District Superintendent

WW-4A
Revised 6-07

1) Date: 3/25/15
2) Operator's Well Number
10056
3) API Well No.: 47 - 041 - 02383

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


4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Amy Geraldine Brown</u>	Name <u>None of Declaration</u>
Address <u>258 B Brown Road</u>	Address _____
<u>Jane Lew, WV 26378</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Amy Geraldine Brown</u>
_____	Address <u>258 B Brown Road</u>
_____	<u>Jane Lew, WV 26378</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Barry Stallings</u>	(c) Coal Lessee with Declaration
Address <u>280 Conifer Drive</u>	Name <u>None of Declaration</u>
<u>Bridgeport, WV 26330</u>	Address _____
Telephone <u>304-552-4194</u>	_____

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	<u>CNX Gas Company LLC</u>
	By:	<u>Kelly Eddy</u>
	Its:	<u>Permitting Supervisor</u>
	Address	<u>P.O. Box 1248</u>
	Telephone	<u>304-884-2131 - Kelly Eddy, Permitting Supervisor</u>

Received
Office of Oil & Gas
MAR 27 2015

Subscribed and sworn before me this 25TH day of MARCH 2015
Carolinda Flanagan Notary Public
My Commission Expires 9/15/2021

Oil and Gas Privacy Notice

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

SURFACE OWNER WAIVER

Operator's Well
Number

10056

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

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

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

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

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

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

Office of Oil and Gas
MAR 27 2015
FOR EXECUTION BY A CORPORATION,

Ang S Brown
Signature

Date 3-12-15 Name _____
By _____
Its _____

Signature

Date
05/29/2015

4102383P

WW-4B

API No.	<u>47-041-02383</u>
Farm Name	<u>Andrew Lunsford / Amy G. Brown</u>
Well No.	<u>10056</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____ / owner ____ / lessee ____ / of the coal under this well location has examined this proposed plugging work order. 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.

Date: 3-12-15

Amy G. Brown
By: _____
Its _____

Received
Office of Oil & Gas
MAR 27 2015

05/29/2015

410 2383P

7014 0510 0000 4142 4203

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.82
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.82



Sent To	Amy Geraldine Brown
Street, Apt. No., or PO Box No.	258 B Brown Rd
City, State, ZIP+	Jane Lew, WV 26378 P & A Well 10056
PS Form 3800	Surface & Coal Owner

Received
Office of Oil & Gas
MAR 27 2015

05/29/2015

STATE OF WEST VIRGINIA
DEPARTMENT 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 Name CNX Gas Company LLC OP Code 494458046

Watershed Lifes Run Quadrangle Weston

Elevation 1110.56' County Lewis District Hackers Creek

Description of anticipated Pit Waste: Fluids associated with the plugging of existing gas wells

Will a synthetic liner be used in the pit? 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 use vacuum trucks, and properly disposes fluid and waste returns)

Proposed Work For Which Pit Will Be Used:

- Drilling Swabbing
- Workover Plugging
- Other (Explain _____)

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.

Company Official Signature Kelly Eddy

Company Official (Typed Name) Kelly Eddy

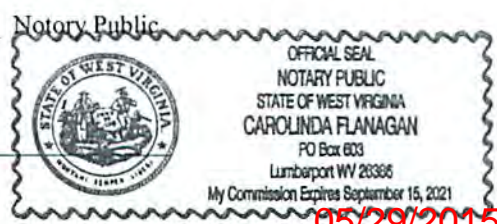
Company Official Title Permitting Supervisor

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Office of Oil & Gas
MAR-27 2015

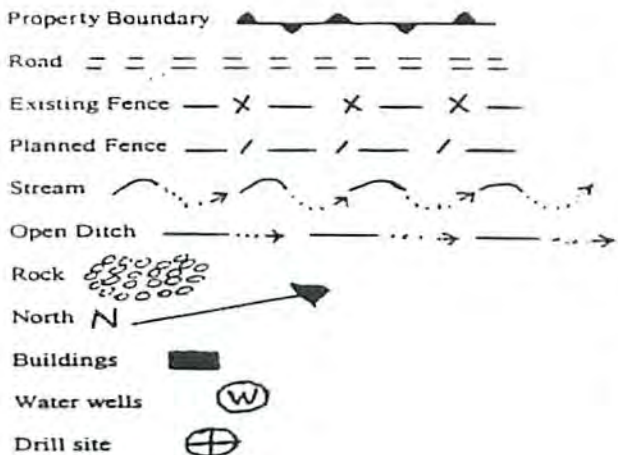
Subscribed and sworn before me this 25TH day of MARCH, 2015

Carolinda Flanagan

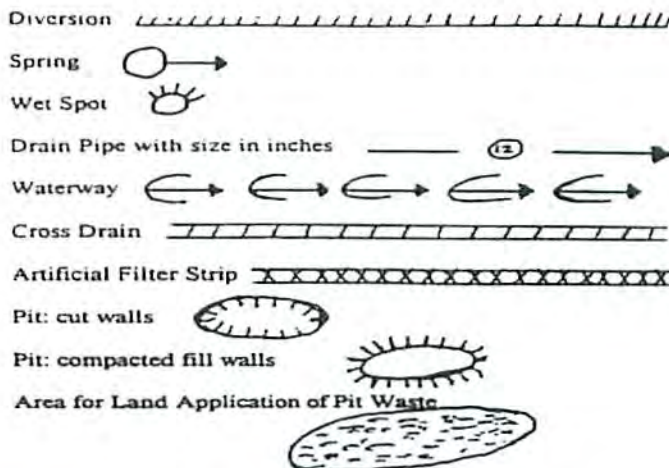
My commission expires 9/15/2021



05/29/2015



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1.50 acres Prevegetation pH 6.5
 Lime according to pH test Tons/acre or to correct to pH 7.0
 Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)
 Mulch hay or straw @ 2 Tons/acre

Seed Mixtures

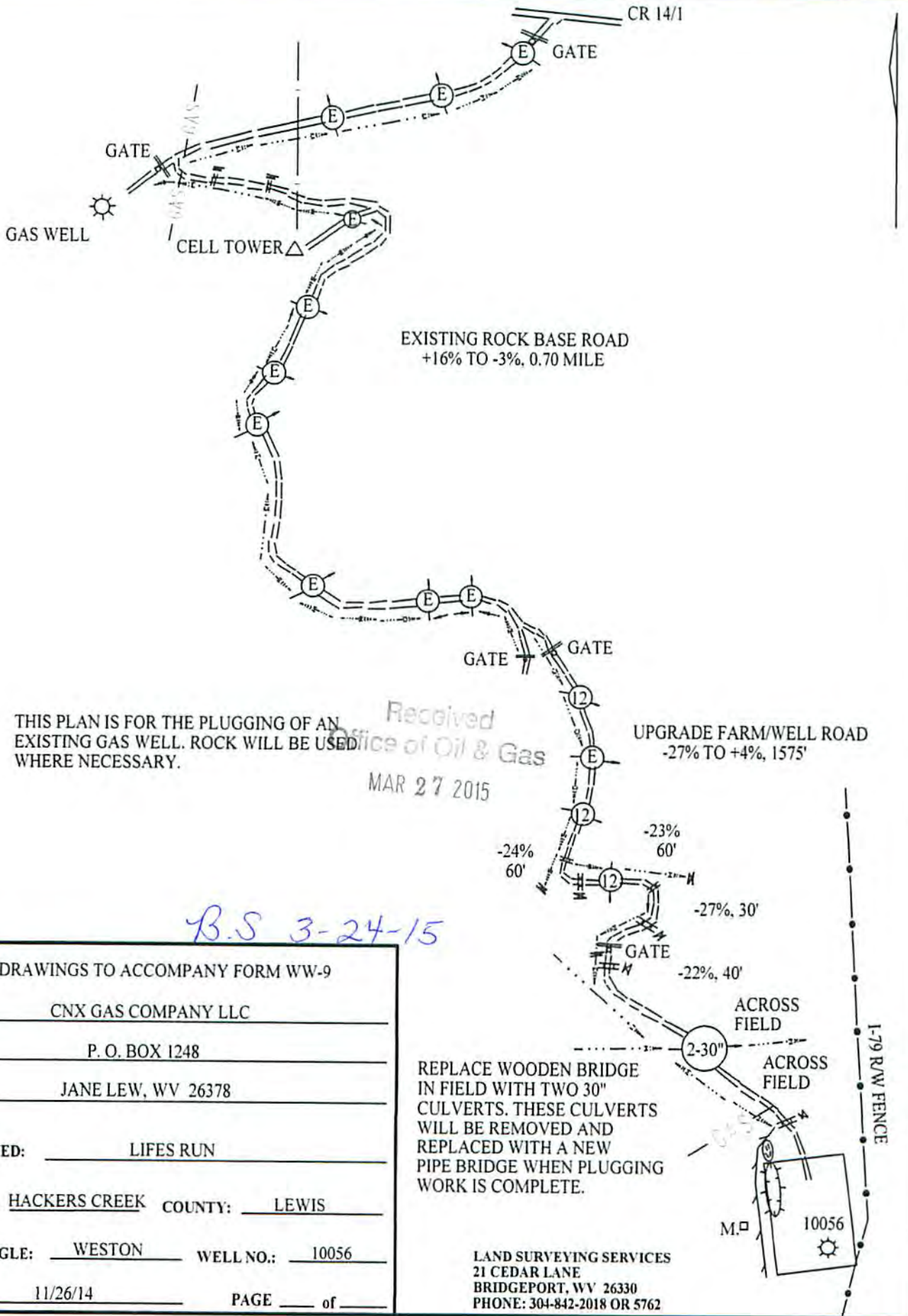
Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
Orchard Grass	25	Orchard Grass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10

Attach:
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Benny Shilops
 Comments: _____

Title: Inspector Date: 3-24-15 Received Office of Oil & Gas
 Field Reviewed? () Yes () No
 MAR 27 2015



THIS PLAN IS FOR THE PLUGGING OF AN EXISTING GAS WELL. ROCK WILL BE USED WHERE NECESSARY.

Received
Office of Oil & Gas
MAR 27 2015

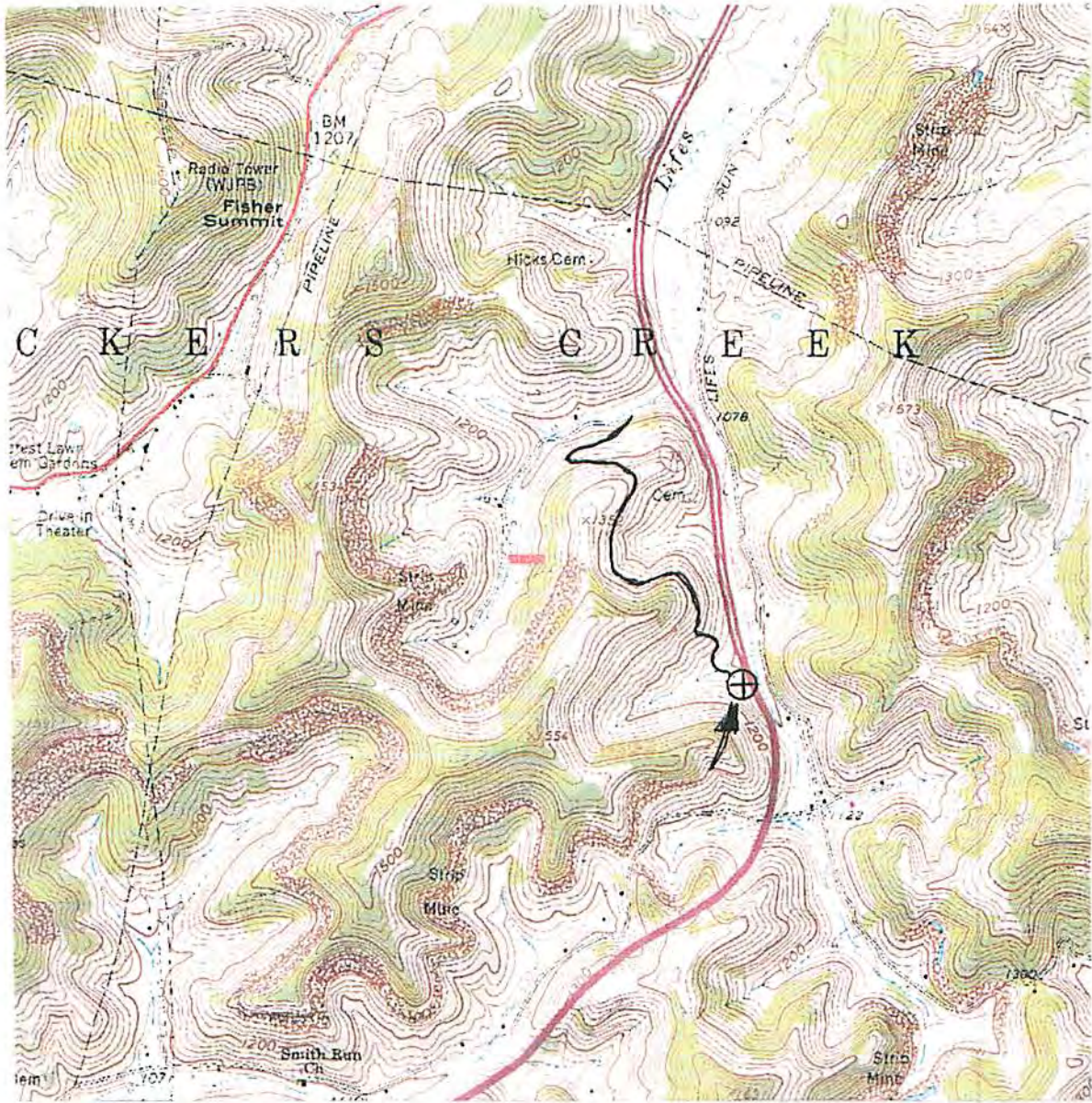
B.S 3-24-15

DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY LLC	
P. O. BOX 1248	
JANE LEW, WV 26378	
WATERSHED:	LIFES RUN
DISTRICT:	HACKERS CREEK COUNTY: LEWIS
QUADRANGLE:	WESTON WELL NO.: 10056
DATE:	11/26/14 PAGE ___ of ___

REPLACE WOODEN BRIDGE IN FIELD WITH TWO 30" CULVERTS. THESE CULVERTS WILL BE REMOVED AND REPLACED WITH A NEW PIPE BRIDGE WHEN PLUGGING WORK IS COMPLETE.

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

4102383P



B.S. 3-24-15

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Office of Oil & Gas
MAR 27 2015

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:	LIFES RUN
DISTRICT: HACKERS CREEK	COUNTY: LEWIS
QUADRANGLE: WESTON	WELL NO.: 10056
DATE: 11/26/14	PAGE ___ of ___

05/29/2015

4102383P

WW-7
5-02



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

API: 47-041-02383 WELL NO.: 10056
FARM NAME: ANDREW LUNSFORD
RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC
COUNTY: LEWIS DISTRICT: HACKERS CREEK
QUADRANGLE: WESTON
SURFACE OWNER: AMY G. BROWN
ROYALTY OWNER: JEANETTE MUHLEMAN DILLON
UTM GPS NORTHING: 4,323,429.11 METERS
UTM GPS EASTING: 551,787.33 METERS GPS ELEVATION: 338.50 METERS

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 : Post Processed Differential Real-Time Differential

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.

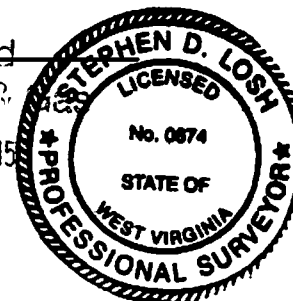
Signature 
Stephen D. Losh, PS #674

Title WV Professional Surveyor #674

Date 11/26/14

Office of Oil & Gas

MAR 27 2015



CNX USE: NAD 27 WV NORTH SPC: 10056 = 204,636.10' 1,743,960.00' ELEV. = 1110.56'

05/29/2015

7-29-09

CK#
2720023509
100.00API # 47-041-02383Operator CNXWell #/Name 10056

Reviewed By _____

End of Comment Period _____

III. Plugging Permit

- WW-4B
- WW-4B signed off by inspector
- WW-4A
- Surface Owner Waiver
- Coal Owner/Operator/Lessee Waiver
- WW-9 front
- Mylar Plat WW7
- Well Records/Completion report
- Topography Map of well & pit if pit is used
- Certified Mail Receipts or affidavit of personal service
- Bond
- A check for \$100.00 (if a pit is being used)

IV. Coalbed Methane

- WW-5B
- WW-5(B)
- WW-5(B) signed off by inspector
- WW-5A
- Coal Owner/Operator/Lessee Notification/Waiver
- Surface Owner Waiver
- Natural Gas Lessee/Operator Waiver
- Consent To Stimulate. Notified all owners and operators of seams of coal 28 inches or more within 750 feet of proposed well bore and stimulation is requested or a seam that is within 100 vertical feet of proposed stimulation zone.
- WW-9 (page 1 and 2)
- Reclamation Plan
- Inspector Signature on WW-9
- Public Notification (newspaper notification)
- Mylar Plat
 - Not within 100 ft. of the outside boundary of the tract
 - No permitted CBM wells within 1600 ft. without a waiver from all coal owners and operators.
- Topography Map
- Database for Coal Depths, Permits, Boundaries
- WW-2B (1)
- WW-2A(1)
- Certified Mail Receipts or Affidavit of Personal Service
- Bond
- A check \$900.00 (if no pit \$800.00)
- Workers Comp/Employ. OK

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Office of Oil & Gas
MAR 27 2015

05/29/2015

4102383P



CK# 2720025509
\$100P²

Carolinda Flanagan
Permitting Analyst
P.O. Box 1248
Jane Lew, WV 26378
(304) 884-2131



March 26, 2015

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

RE: Wells to be Plug and Abandoned: 2673, 3364, 4279, 10056, and 11116

To Whom it May Concern,

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

- 2673 – API #47-041-02222
- 3364 – API #47-041-02240
- 4279 – API #47-041-02265
- 10056 – API #47-041-02383
- 11116 – API #47-041-00476

Should you need any further information, please contact me at (304) 884-2057 or by email at carolindaflanagan@consolenergy.com. Thank you!

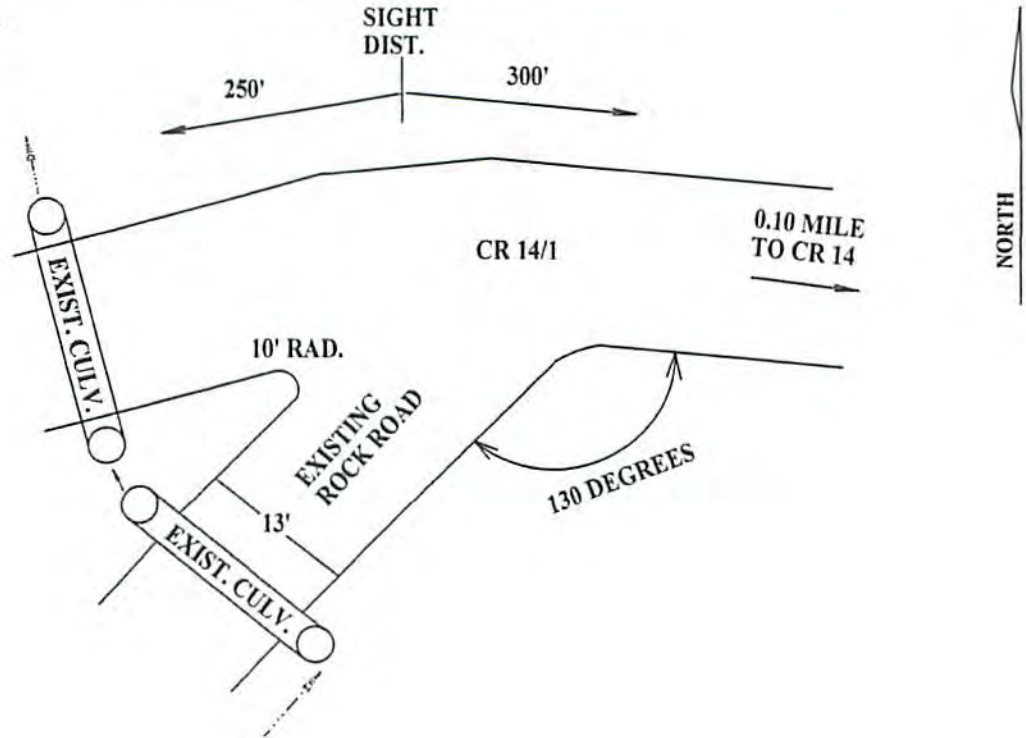
Sincerely,


Carolinda Flanagan

Received
Office of Oil & Gas
MAR 27 2015

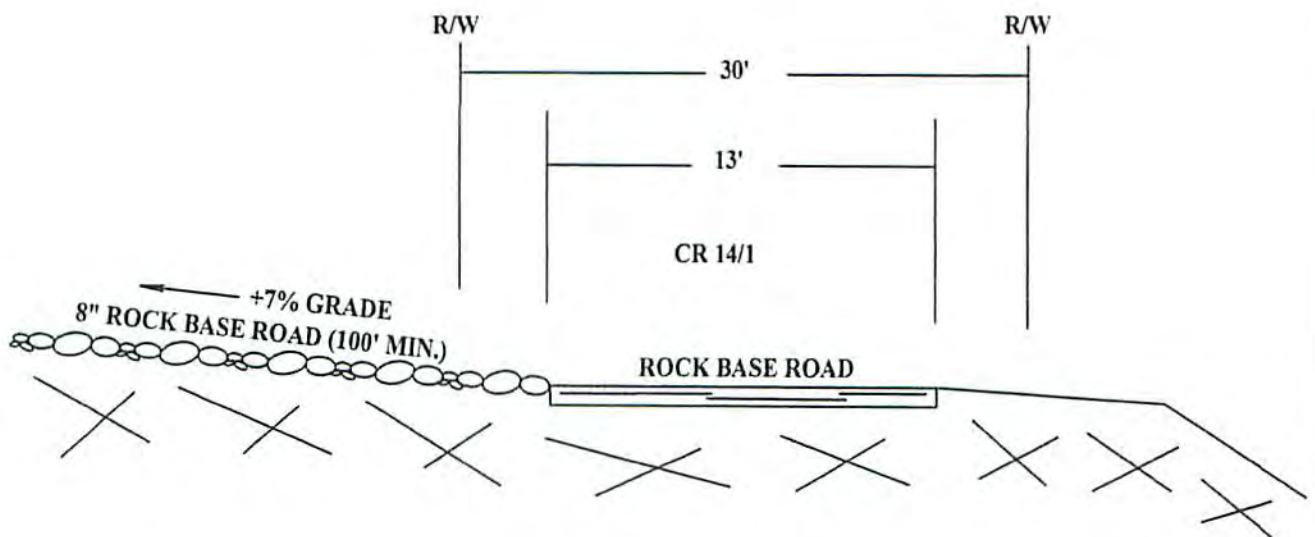
05/29/2015

PLAN VIEW NOT TO SCALE.
NO CULVERT REQUIRED.

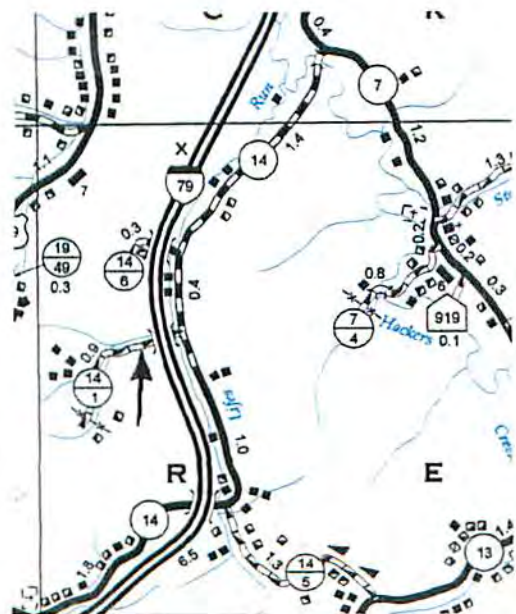


NAD 83 LAT./LONG.
OF ROAD ENTRY:

N. 39.06694
W. 80.40556



SECTION NOT TO SCALE.



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Office of Oil & Gas
MAR 27 2015

ALL WORK WILL CONFORM TO
WV DOH RULES AND REGULATIONS.

Prepared by:

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

CNX GAS COMPANY LLC P. O. BOX 1248 JANE LEW, WV 26378		
PLAT SHOWING EXISTING ACCESS ROAD ENTRY ONTO COUNTY ROUTE 14/1		
DISTRICT HACKERS CREEK	COUNTY LEWIS	STATE WV
DATE 11/26/14	SCALE N/A	DWG. NO. 10056

05/29/2015

4102383P

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

November 26, 2014

DRIVING DIRECTIONS FOR 10056

From the junction of County Route 7 (Hackers Creek Road) and I-79, proceed on County Route 7 towards Berlin for 1.15 miles and turn right on County Route 14 (Lifes Run Road). Go 1.70 miles and turn right on County Route 14/1 (B Brown Road). Go 0.10 of a mile and turn left on the well road.

Nearest Fire Station: Jane Lew

Received
Office of Oil & Gas
MAR 27 2015

05/29/2015

**OIL AND GAS ROAD
DISTRICT WIDE BONDING AGREEMENT
For DOH District 7**

THIS AGREEMENT, executed in duplicate, made and entered into this 20th day of March, 2012, by and between the WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, hereinafter called "DEPARTMENT," and CNX Gas Company, LLC, hereinafter called "COMPANY."

WITNESSETH:

WHEREAS, Company has horizontal gas well drilling operations in certain areas of West Virginia; and

WHEREAS, the Department believes that the frequent and repetitive use of certain sections of highways in the State by Company, its contractors, agents, independent contractors or suppliers of drilling materials or drilling equipment, and employees contributes to increased wear and tear to public roads in the state road system in the State, including local roads ("State Owned Roads"); and,

WHEREAS, the Department and Company have entered into this Agreement to satisfy the requirements of the Department's policy entitled "Oil & Gas Road Policy" dated January 3, 2012, as issued by Paul A. Mattox, Jr., Secretary of Transportation / Commissioner of Highways, and any subsequent related policies, hereinafter called "Policy", a copy of which is made a part of this Bonding Agreement and is identified as Attachment 1.

NOW, THEREFORE, for and in consideration of the mutual agreements hereinafter set forth, the parties agree as follows:

I. For purposes of this Bonding Agreement, "Project Transportation Usage" of the Company shall be understood to mean use of one or more State Owned Roads for the delivery and removal of drilling materials and drilling equipment at the site or location of one or more of Company's horizontal gas well pad locations. To the extent reasonably practical, prior to commencing use of a State Owned Road for Project Transportation Usage after January 1, 2011, the Company shall submit to the Department a section or sections of current official WVDOH County Highway maps identifying the exact location of the proposed project and the State Owned Roads that the Company will utilize for the Project Transportation Usage.

II. Company and Department shall within 14 days of the Company's submittal, agree to a list of these sections of State Owned Roads, hereinafter called "Project Roads List", to be utilized for each of Company's projects, identified by route number and milepost; at a time to be mutually agreed to by the parties prior to initial commencement of Project Transportation Usage of a particular State Owned Road on a Project Roads List, the Company and Department will jointly review the condition of the roads and bridges on the Project Roads List. The Department will document the road type and surface condition and general right-of-way width of each section of road on the Project Road List. Either party may supplement this documentation with photographs, video or other evidence of the present condition of the road surface, shoulders, ditches, culverts, bridges or other structures or appurtenances of roads on the Project Road List, as well as approaches to the roads, utility facilities located within or along the right-of-way, or any other condition, including third-party activities, that may affect the duties and responsibilities of the parties under this Agreement. A copy of any such documentation must be made and provided to the other party within ten business days after the joint review of the roads on the Project Roads List.

III. Department shall issue a Project Agreement or Project Permit, as appropriate, to Company to use State Owned Roads and may include any minor or major improvements required of Company prior to, during or after Project with the assignment of responsibilities of

Received
Office of Oil & Gas
MAR 27 2015

both parties prior to, during and after the operator has completed well fracturing..

IV. In the Project Agreement/Project Permit, the Department shall not require the use of State Owned Roads other than the roads proposed by Company unless the Department has safety concerns as to the Company's proposed roads. A failure to agree on roads that may otherwise be lawfully used for a particular Project Transportation Usage shall result in the designation of the State Owned Roads proposed by Company, with milepost determinations as designated by Department. This Agreement shall only cover portions of State Owned Roads designated on the Project Roads List.

V. For the duration of Company's Project Transportation Usage of the Stated Owned Roads on the Project Roads List, whether by the Company, its contractors (while working on behalf of Company), agents, independent contractors or suppliers of drilling materials or drilling equipment, or employees, the Company agrees to pay for all reasonable maintenance and repair costs incurred by the Department to repair areas of the State Owned Roads included in the Project Roads List that were directly damaged by Company's Project Transportation Usage, as determined to be reasonably necessary and appropriate by the Department. The Department shall keep a record of all labor performed by Department employees and contractors for such maintenance and repairs and shall send an invoice for the same to Company.

VI. Company shall be responsible for the cost of all maintenance and repairs reasonably necessary to put the existing roadways, bridges and appurtenances on the Project Roads List utilized for the Project Transportation Usage in the condition that existed immediately prior to the Project Transportation Usage. Company shall not be required to pay for maintenance or repairs to put any areas of such roadways, bridges and appurtenances on the Project Roads List in a condition better than the condition that existed immediately prior to the Project Transportation Usage. Company shall also not be required to pay for maintenance or repairs to any areas of these roadways, bridges or appurtenances on the Project Roads List that are not actually utilized for the Project Transportation Usage or for damage not caused by Project Transportation Usage.

VII. Company shall notify the Department in writing of Company's final completion of Project Transportation Usage for particular roadways, bridges and appurtenances on the Project Roads List. Within fourteen days after its receipt of written notification of the completion of the Project Transportation Usage for all roads on a Project Roads List, the Department will review the condition of the roadways, bridges and appurtenances on the Project Roads List actually utilized for the Project Transportation Usage and advise Company of any final repairs reasonably necessary to leave these roads, bridges and appurtenances in a condition reasonably deemed by Department to be equal to their condition prior to commencement of Project Transportation Usage; and, upon completion of all such final repairs by or on behalf of Company and acceptance by Department, the Company shall be released from all further liability for maintenance or repairs to roads, bridges, or appurtenances on said Project Roads List. Any maintenance or repair work under the Project Agreement/Project Permit for roads, bridges or appurtenances on the Project Roads List may be performed by a contractor directly chosen by the Company as approved by the Department, the Department's workforce, or a private contractor hired by the Department through the public bid process in accordance with state law, all of which work shall be subject to the standards and specifications of the Department.

VIII. In order to ensure performance of Company's performance and payment obligations under this Bonding Agreement, the Company shall post a corporate surety bond, hereinafter called "Master Bond", with the Department named as the beneficiary, which form of bond shall be subject to the consent of the Department, not to be unreasonably withheld. The amount and form of the bond shall be in accordance with the Policy as set forth above. However, the amount of the Master Bond does not limit the amount of claims that may be made by the Department against the Company under this Bonding Agreement. The Company shall provide the Master Bond to the Department within one (1) month after the execution of this Bonding Agreement. The Master Bond shall secure the good faith performance of all payment obligations of Company under the terms of this Bonding Agreement respecting the roads, bridges and appurtenances on the Project Roads List for each Project Transportation Usage undertaken by the Company, and shall remain in effect until termination of this Agreement. Company shall not be obligated to provide any other bonds, sureties, or other guarantees of performance to the Department for Company's use of State Owned Roads, except as required in this Agreement.

Received
Office of Oil & Gas
MAR 27 2015

IX. Company shall maintain Commercial General Liability Insurance in the amount of two million dollars, with a minimum coverage of one million dollars per occurrence, for personal injury or death to persons, or for property damage, resulting from Company's Project Transportation Usage and shall present evidence of such insurance to Department upon request.

X. Company's usage of State Owned Roads under the Project Agreement/Project Permit shall comply with all applicable Federal, State and local laws and regulations including, but not limited to, to the extent applicable, the National Environmental Policy Act, Section 404 of the Clean Water Act, Section 106 of the National Historic Preservation Act, Rare, Threatened and Endangered Species Act, Section 401 Water Quality Certification, and hazardous waste requirements. Further, upon reasonable written request of Department, Company shall furnish Department with acceptable documentation of such compliance which is in the possession of the Company.

XI. Company shall defend, indemnify and hold Department harmless from and against any and all losses, damage, and liability, and from all claims for damages on account of or by reason of bodily injury, including death, which may be sustained, or claimed to be sustained, by any person or persons, including employees of Department, and from and against any and all claims, losses or liabilities for damages to property, arising out of the negligent or willful acts or omissions of Company, its agents, independent contractors and suppliers of drilling materials or drilling equipment, employees and contractors, in the performance of all Project Transportation Usage activities undertaken pursuant to this Agreement (collectively, "claims"). The Company shall not be responsible to indemnify, defend or hold harmless Department for any claims caused by the negligent or willful acts or omissions of the Department or its agents, employees and contractors or third parties not performing work at the direction of Company or delivering drilling equipment or drilling materials, including water, for use by or for company.

XII. If a provision of this Agreement is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability of any other provision of this Agreement; or the validity or enforceability in other jurisdictions of that or any other provision of this Agreement.

XIII. Department shall give Company a minimum of thirty days written notice of default under the terms of this Bonding Agreement and the opportunity to cure this default during such thirty-day period. If a default is not cured to the satisfaction of Department, or provision acceptable to Department is not made for a cure, Department may then elect to terminate this Bonding Agreement in whole or in part, and may in addition exercise its rights under the Master Bond or seek any other lawful relief available. Company may terminate this Bonding Agreement upon thirty days written notice to Department for any reason. In the event Company terminates this Agreement for any reason, it shall be liable for the repair and maintenance costs set forth above for prior Project Transportation Usage.

XIV. Nothing herein shall be construed to mean that Company shall have any jurisdiction or control over any public roads in the state road system.

XV. Company, its contractors, agents, employees and suppliers shall at all times be subject to applicable provisions of state and federal law, including without limitation laws requiring operation of vehicles in accordance with legal size and weight restrictions and posted weight limits. Oversize/overweight permits for vehicle or loads not otherwise conforming with law must be obtained in accordance with law; Department agrees to work in good faith with Company to review and grant (where authorized by law) such permits in a timely manner upon request by Company.

XVI. This Bonding Agreement shall be construed and enforced in accordance with the laws of the State of West Virginia, as they may be amended.

XVII. This Bonding Agreement shall be binding upon the successors and assigns of each party hereto.

Received
Office of State Gas
MAR 27 2015

IN WITNESS WHEREOF, the parties hereto have caused this Bonding Agreement to be executed by their duly authorized officers effective as of the date first above written.

WEST VIRGINIA DEPARTMENT OF
TRANSPORTATION,
DIVISION OF HIGHWAYS

Francis R. Lisher
Witness

By: Thomas Murphy
State Highway Engineer

Samuel A. Pitt
Witness

By: [Signature]
Title: Vice President – WV Operations

(To be executed in duplicate)

APPROVED AS TO FORM THIS
9th DAY OF March 2012

[Signature]
ATTORNEY LEGAL DIVISION
WEST VIRGINIA DEPARTMENT
OF HIGHWAYS

Received
Office of Oil & Gas
MAR 27 2015

OF-3
Re. 1/12

BLANKET 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 Dr., 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 (\$ two hundred and fifty thousand) dollars (\$250,000) to the payment whereof 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 College 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 College 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 well 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 (12) 02nd day of May, 2012.

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

(14) By: Nicholas J. DeIuliis (Title) Nicholas J. DeIuliis, Manager
Must be President or V. President

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

(17) By: Candice L. Ham (Surety)
Candice L. Ham, Attorney-in-Fact

19) Court Designated: N/A
(Resident West Virginia Agent)

(20) Address: _____

(21) Telephone: _____

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(IF NECESSARY)

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. DeIuliis
- 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 Kathryn A. Galie, Notary Public
(Upper Merion Twp., Allegheny County
My Commission Expires Oct. 1, 2015)
- 17. [Signature]
- 18. My commission expires on the _____ 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 JOAN R FRANK
(St. Louis City, Missouri)
My Commission Expires June 20, 2014
- 27. [Signature]
- 28. My commission expires on the 20th day of June 20 14.

Sufficiency in Form and Manner Of Execution Approved

This _____ day of _____ 20 _____

Attorney General

By _____ (Assistant Attorney General)

Office of Oil & Gas

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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

By: [Signature]
Roy C. Die Vice President

State of Illinois }
County of Peoria } SS

CERTIFICATE

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.

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.

By: [Signature]
Cherie L. Montgomery Notary Public

RLI Insurance Company

By: [Signature]
Roy C. Die Vice President



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4102383P

Dist. Permit Number _____

BOND Number CMS213855

OIL and GAS DATA INFORMATION SHEET

APPLICANT

Company Name CNX Gas Company, LLC
 Address P. O. Box 1248
 City Jane Lew ST WV Zip 26378
 Contact Person Permit Kelly Eddy Telephone 304-884-2131

24/7 Road Maintenance Contact John Sampson Telephone 304-884-2000 Cell 304-777-7811

24/7 Backup Contact Geoff Fanning Telephone 304-884-2046 Cell 304-376-8409

Drilling/ Fracking will require Usage of Less than 5000 Barrels of fluids _____ 5000 /+

Site Location

Site Name 10056 Road Local Name B Brown Road Rte.# Co. Rt. 14/1

Approach location WGS 83 Decimal Format GPS N: 39.06694 W: 80.40556 County Lewis

Location Description

On Rte.# CR 14/1 being 0.10 miles W of Jct. of Rte.# CR 14/1 and Rte.# CR 14

DOH USE ONLY HAULING ROUTE From US or WV Route (Attach Map)

Name & Rte.#	Beg MP	End MP	Surface Type	Condition
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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05/29/2015

Well location WGS 83 Decimal Format GPS N: 39.05841 W: 80.40145

WV DEP Permit Number 47 - 041 - 02383
 STATE COUNTY PERMIT NUMBER

PERMIT NO. _____

PERMIT TO ENTER UPON, UNDER, OVER OR ACROSS THE STATE ROADS OF THE STATE OF WEST VIRGINIA, AS PROVIDED FOR IN SECTION 6, ARTICLE 16, CHAPTER 17; SECTION 9, ARTICLE 16, CHAPTER 17; SECTION 8, ARTICLE 4, CHAPTER 17, WEST VIRGINIA CODE, 1931. AS AMENDED.

THIS PERMIT, Made this _____ day of _____ 20 _____, between the WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, a statutory corporation hereinafter called DIVISION and CNX Gas Company LLC

Address: P. O. Box 1248 Jane Lew, WV 26378 Phone No: 304-884-2046
hereinafter called APPLICANT.

WITNESSETH

In consideration of the hereinafter set out covenants and in accordance with Section 6, Article 16, Chapter 17; or Section 9, Article 16, Chapter 17; or Section 8, Article 4, Chapter 17, of the Official Code of West Virginia, 1931, as amended, and the rules and regulations promulgated thereunder, APPLICANT does hereby apply to enter

Route Type & No. County Route 14/1 DOH Project No. _____ (if applicable);
at 0.10 miles W of junction with County Route 14 Mile Post _____
in Lewis County, for the purposes hereinafter set forth and in accordance with the plans and specifications which are attached hereto and made a part hereof: to utilize and maintain an existing entrance for ingress and egress on County Route 14/1 for the purpose of plugging existing well 10056. See attached road entry sketch.

APPLICANT further agrees to accept the conditions hereinafter set forth:

1. APPLICANT shall deposit with DIVISION the sum of \$ _____ in the form of an official, certified or cashier's check, or executed bond with surety satisfactory to DIVISION to cover any damage and inspection costs DIVISION may sustain by reason of the granting of this permit, including any expense incurred in restoring said highway to its original condition or the proper repair of any and all damages that may result within one (1) year from the date of the completion of said work.
2. APPLICANT agrees to reimburse DIVISION for inspection costs as follows:
 - A. For any inspection costs incurred under this permit.
 - B. At \$ _____ per linear foot for _____ feet of water line installed under this permit
 - C. At \$ _____ per linear foot for _____ feet of sewer line installed under this permit
3. APPLICANT shall notify DIVISION at least 48 hours in advance of the date the work will begin. Failure to comply will be cause for cancellation of this permit.
4. APPLICANT agrees to protect its employees, equipment and users of the highway at all times in accordance with the current Division of Highways manual "Traffic Control For Street and Highway Construction and Maintenance Operations".
5. APPLICANT agrees to comply with all applicable state and federal laws in the performance of work under this permit.
6. Supplementary conditions cited on the reverse side of this permit are understood and agreed to be a part hereof.
7. The work authorized under this permit shall be completed on or before (Date): _____

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RECOMMENDED:

Title _____

Signature and Title of Applicant **05/29/2015**

BOND REQUIREMENT:

BOND NO. _____ /DATE _____
Attached On File

APPROVED:

INSPECTION: Owner/Consultant
Full Time Part Time
Periodic Reimbursable No Cost

Title _____
West Virginia Division of Highways

AUTHORIZATION NO: _____

PERMIT NO: _____