



west virginia department of environmental protection

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

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

November 21, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1701963, 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: 5124
Farm Name: BOYCE, W.
API Well Number: 47-1701963
Permit Type: Plugging
Date Issued: 11/21/2014

Promoting a healthy environment.

11/21/2014

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. 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 10/20, 2014
2) Operator's
Well No. 5124
3) API Well No. 47-017 - 01963

*CK 272622632
10000*

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 1274.02' Watershed Glade Run
District Grant County Doddridge Quadrangle Smithburg

6) Well Operator CNX Gas Company LLC 7) Designated Agent Matt 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 Douglas Newlon Name See Attached
Address 4060 Dutchman Road Address _____
McFarlan, WV 26148

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

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

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Office of Oil and Gas

Work order approved by inspector *Douglas Newlon* Date 10/23/2014

WV Department of
Environmental Protection
11/21/2014

Plugging Work Order for Permit 47-017-01963

CNX Gas - Well 5124

1. Verify 6-5/8" casing TD.
2. TIH w/ 2-3/8" EUE work string to TD. Establish circulation.
3. Pump cement plug from TD to 2054'. TOH with 2-3/8" EUE work string.
4. Wait on cement before pulling 6-5/8".
5. Free point, & cut 6-5/8" casing. TOH with 6-5/8" casing.
6. Attempt to pull 8-1/4" casing if unable to pull, perforate 8-1/4" casing every 200'.
7. TIH w/ 2-3/8" EUE Pump 100' cement plugs across cut on 6-5/8" casing (~2000').
8. Pull 2-3/8" EUE up to 1590'.
9. Pump cement plug from 1590' to 1490'. (water 1540')
10. Pull 2-3/8" EUE up to 1324'. Pump cement plug from 1324' to 1224'. (Elev. 1274')
11. Pull 2-3/8" EUE up to 790'. Pump cement plug from 790' to 686'. (Coal 736' - 740')
12. Pull 2-3/8" EUE up to 200', and pump cement plug from 200' to surface.
13. TOH with 2-3/8" EUE, and top off cement to surface.
14. Install 6" x 14' monument (~~40' below grade~~) API 47-017-01963

Work Order approved by Inspector



Date: 10/15/2014

Note: All cement will be Class A. All spacers between plugs will be 6% gel.

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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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Well No. 5124 Located on W.H. Boyce District Shirley
 District Grant County Doddridge State W. Va Farm

Location Made _____ First Work Done _____
 Rig Commenced _____ Rig Completed _____
 Drilling Commenced August 19th 1911 Drilling Completed October 5th 1911
 Rig Contractor _____ { Drilling Contractor } J.E. Trainer
 Drillers _____ { H. K. S. Co. Tech. Shing. Co. }
 Tool Dressers _____

85
44
54

FORMATION	TOP	BOTTOM	Steel Lbs. Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal	260	265					
Pittsburgh Coal	736	740					
Little Dunkard	1115	1150					
Big Dunkard							
Gas Sand	1290	1340					
First Salt	1535	1655		1540			
Second Salt							
Maxon	1910	1995					
Little Lime	2025	2045					
Pencil Cave	2045	2050					
Big Lime	2062	2154	2154				
Big Injun	2154	2258	2258			2169	
Squaw	2262	2287				2277	
Berea							
Gantz							
Fifty Foot							
Thirty Foot							
Gordon Stray							
Gordon							
Fourth							
Fifth							
Bayard							
Total Depth		2294	2294				

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		REMARKS
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Csg.													No. 2 casing New
10" "			223		223		none						
8 1/2" "			1272				1272						
6 5/8" "			2062				2062						
3-16" "													
3 Tbg.			2294				2294						

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
6 1/2"	Bottom Hole		2062	
6 1/2"	Anchor	156 1/2"	1937 1/2"	

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

DATE	Quartz	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

Date Cemented FEB 6 1922 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
 Original test showed 4/10 mercury through 6 1/2" Opg, 99/10 Mercury through
 3" Opg, 1 Hr rock 600 Lbs 10 Day rock 725 Lbs.

Approved by [Signature] Foreman

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Hope Natural Gas Company

REPAIR RECORD

Well No. 5124 District 5113M
 Farm Name W. H. Dyer N S E W
 Repairs Commenced Oct. 30, 1945 Repairs Completed Dec. 28, 1945

CASING AND TUBING RECORD

Size	Before Repairs	Pulled	Put in Well	After Repairs	Disposition of Amount Pulled
6"	1272	None	None	1272	
6 5/8"	2062	None	None	2062	
3" Tubing	2204	2534	None	None	20-1300-2 Ins. 21 Ft. 3" Perf. pipe

SHOOTING RECORD

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		
12-23-45	30	2184	2175	4 1/2"	Injun	20/10	W	1" PM	34/10	W	1"		Marietta Torpedo Company
12-23-45	30	2272	2282	4 1/2"	Squaw								

RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Names of Drillers	Time (Days)
			Mari G. Gwin	
Commenced drilling at depth of				
			Names of Tool Dressers	Time (Days)
			Smith G. Knight	
PACKER RECORD (ALSO NOTE BELOW IF ANY PACKERS ARE PULLED)				
Size	Kind	Anchor	Amount Above Anchor	
OIL AND GAS DISCOVERIES IN DEEPER DRILLING				
Oil at	*	Ft. in	*	Sands
Gas at	*	Ft. in	*	Sands
Total Depth		2505		

VOLUME AND PRESSURE REPORT

BEFORE REPAIRS				
Reading	Liquid	Opening	Rock or Minute Pressure	Sands Gas From
16/10	Water	1" PM	30.123	Injun & Squaw

AFTER REPAIRS

VOLUME TEST						
Date of Test	Flow Meter or Open Flow	Size of Opening	PILOT TUBE		OPEN FLOW	Sands Gas From
			Reading	Liquid Used	Lbs.	
12-30-1945	5K	1"	26/10	Water	30.4	Injun & Squaw
Time Blown						

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.	Rock
12-29-45	6" Casing	0	1	2	3	4	3	6	7	8	9	15	25		
	" Tubing														

OIL: From _____ Sand _____
 Estimated Production _____ Bbl. per Day _____
 Remarks: _____

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Total Depth

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.	
13" Csg.															
10" "			213		213										
8 3/4" "			177				177								
6 3/4" "			206				206								
5 1/2" "															
3 Tbg.							177								
"															

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
6 3/8	Bit		206	
6 3/8	C	377	1937	

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		
		No	Recess										

CEMENTING RECORD

Date Cemented _____ Size Holes 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 _____ District Superintendent.

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WELL No. 5124

ANNUAL REPORT OF ROCK PRESSURE

MANOMETER

DATE	TIME SHUT IN	SAND	ROCK	LINE PRESSURE	SHUT IN PRESSURE	DATE	TIME SHUT IN	SAND	ROCK	LINE PRESSURE	SHUT IN PRESSURE
Sept 1918	3 mo. 18 da.	Injun	150			Aug. 56	7 da. Injun, Squaw		35	1-17-50	21.7
Sept 1919	3 mo.	Injun	125			June 58	7"	"	35	7-18-50	18.5
" 1920	1 mo. 25 da.	"	105			June 60	7"	"	34	1-16-51	20.0
Sept. 1921	2 mo 17 da.	Injun	105			May 62	7"	"	34	7-23-51	21.9
Sept 1922	"	"	105			May 64	13"	"	36	1-18-52	16.4
Sept 1923	4 mo 13 da.	"	100			July 66	7"	"	36	7-22-52	12.9
9-18-24	4 mo 1 da.	"	75			80	14.	"	86	1-23-53	13.1
										7-21-53	12.1
										1-21-54	11.5
Sept 1927	1 yr.	"	125							7-16-54	14.1
Sept 1928	1 yr 11 mo 8 da	"	117							1-17-55	14.0
Sept. 1929	6 mo 16 da	"	150							7-20-55	21.4
Sept 1930	1 yr 4 mo 22 da	"	180							1-20-56	18.7
Sept 1931	2" 4" 22"	"	175							7-17-56	22.1
Sept 1932	3" 4" 27"	"	160							1-23-57	19.8
Sept 1933	5 mo 10 da	"	158							7-19-57	19.6
Sept 1934	5" 20"	"	170							12-17-57	9.4
Sept 1935	5" 28"	"	170							7-23-58	21.1
Sept 1936	2" 3"	"	143							1-26-59	20.2
" 1937	9" 25"	"	103							7-21-59	21.9
Sept 1938	7 mo 11 days	Injun & Squaw	100							1-22-60	20.1
" 1939	10"	"	100							7-60	19.6
" 1940	7" 23 day	"	90							1-61	18.6
Aug 1941	4" 7"	"	67							7-61	15.7
Sept 1942	4" 9"	"	65							7-62	12.7
										1-63	10.9
										7-63	10.6
										1-64	9.2
										7-64	9.4
										1-65	7.6
Aug. 47	7 da. Injun & Squaw		38								
July 49	7"	"	36								
Aug. 1950	7"	"	34								
June 1950	7"	"	30								
"	7"	"	30								

REPAIRS TO WELL

COMMENTS	DRILLED DEEPER		SHOT	VOLUME		ROCK PRESSURE	
	From (Ft.)	To (Ft.)		Before	After	Before	After
Completed 45 Dec 1955			- OPEN -	30,123	38,400	40	38

BILLED

4-17-41-58M
3-2-42-45M
5-18-45-30M
7-31-54-41M
5-7-57-34M
9-80-92.7M

ROYALTY (120.00 yr. 3-12)
REDUCED TO (37.50 yr. 1-8)
REDUCTION SENT
REFUSED. 2-1-18

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WELL NO. **5121** NAME **H. H. Royce** LEASE NO. **34534** ACRES **7.2** N. S. 8 E. W. 4 DISTRICT **Shirley Salem**

DISTRICT **Grant**
 COUNTY **St. Lawrence**
 LOCATED **Jan. 9, 1911**
 COMMENCED **August 19, 1911**
 COMPLETED **October 5, 1911**
 CONTRACTOR **47-017-1963**
 PURCHASED FROM **H. D. Lowther & Chas. A. F. Randolph**
 DATE PURCHASED **Nov. 3, 1917**
 DATE SHUT IN
 DATE CONNECTED
 DATE TURNED ON
 DATE TURNED OFF
 DATE DISCONNECTED
 SOLD TO
 DATE SOLD
 DATE RE-PURCHASED
 DATE PLUGGED
 DATE ABANDONED

FORMATION	TOP	BOTTOM	OIL AT	GAS AT	WATER AT	FRESH OR SALT	SIZE	PUT IN WELL	PULLED	CEMENTED
Pittsburgh Coal	736	740					18 In. Casing			Date
Dunkard Sand	1115	1150					10 In. Casing	223	223	Size Casing
Salt Sand	1535	1655					8 1/2 In. Casing	1272		Top Ft.
Maxon Sand	1910	1995			15 ft		6 1/2 In. Casing	2062		Bottom Ft.
Injun Sand	2154	2258		2169			5 1/2 In. Casing			
Berea Sand	2262	2387		2277			5 In. Tubing	2294		
Gantz Sand							In. Tubing			
Fifty Foot Sand							In. Tubing			
Thirty Foot Sand										
Stray Sand										
Gordon Sand										
Fourth Sand										
Fifth Sand										
Bayard Sand										

record

SHOOTING				
DATE	QTS.	SAND	VOLUME BEFORE	VOLUME AFTER
Nov. 23-45	30	Injun	33679	4376
" " "	30	Squaw		

TOTAL DEPTH **2294**
Nov-2305-12-28-45

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
Nov. 3 1917														
Original Test	4/10	M	6 5/8"							Est. 750,000 Injun		6 5/8"	P. J.	200
	40/10	M	3"							5,706,160		5 1/2"	Pulled	193
Oct 15 1916	14/10	W.	2"		16	42	64	108	118	725 5,749,760				
Sept 8 1937	10/10	W.	1 1/4"		12	37	56	75	85	170 1,900,80				
April 8 1943	46/10	W.	1"		3	14	24	38	44	137,200 Inj + Squaw				
Mar 31 1945	29/10	Merc	3/8" F.M.							51,087				
May 18 "	16/10	Water	1" F.M.							21,000				
Nov. 16 "	26/10	"	1" F.M.							40 30,123				
" 23 "	20/10	"	1" F.M.							38,400				
" 24 "	34/10	"	1" F.M.							33,679				
Dec. 28 "	26/10	"	1" F.M.		0	4	9	16	23 38	43,782				
										38,400				

INITIAL OIL PRODUCTION		
DATE	BARRELS	SAND

CONSOLIDATED GAS SUPPLY CORPORATION
DEFECTIVE WELL REPORT

STEM.
(wallace)

DATE _____ MAP N 8 E 4 TOWN, TWP. DISTRICT GRANT COUNTY Doddridge
WELL NO. 5124 NAME W.H. Boyce WORKING DISTRICT SALEM

ORIG. OPEN FLOW _____ SAND INSUN TEST FOR THIS REPORT: DATE 12-1-76 SAND INSUN
ORIG. ROCK PRES. 725# DATE 5802W OPEN FLOW _____ ROCK PRES. _____
ORIG. BARRELS _____ Daily Mo. _____ DATE _____ BARRELS _____ Daily Mo. _____ DATE _____
SANDS _____ SANDS _____

PRESENT CASING RECORD

SIZE	WT.	GR.	AMT. RUN	SHOE OR PACKER	SET AT	CEMENTED WITH	DATE RUN	CONDITION OF CASING
10"			223'					
8 1/4"			1272					
6 3/8"			2062	B.H. Packer	2062		Oct. 1911	

Depth of Pittsburgh Coal 736' To 740' HISTORY OF WELL Original Depth: 2287' Present Depth: 2305'
Well Producing { Gas INSUN Sand at depths of { 2169 Oil Produced by _____
Oil _____ Sand _____ Condition of Rig _____
Amount of Cavings in hole: _____ Amount of Water: _____ Amount of Oil: _____
Date well cleaned out: _____ Result: _____

Date well treated 11-23-45 Resulting open flow _____
Type of treatment: Frac. Shot 2169 3080 Acidize _____ (Other) _____
Remarks: _____

What should be done with well in my opinion: well casing was repaired & well was put back in production march-1976 - well should be checked - logged & completed according to log evaluation

Date _____ District Superintendent

I would recommend _____

Date _____ Division Superintendent

I would recommend _____

Date _____ Division Manager

Lease Restrictions _____

Date _____ Land Department

I would recommend _____

Date _____ Chief Geologist

I would recommend _____

Date _____ Manager of Storage

Repair as follows: _____

Date _____

_____ Manager of Production

_____ Vice President Operations

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11/21/2014

Well No. 5124

CONSOLIDATED GAS SUPPLY CORPORATION

Defective Well Report

History of Well (Additional)

Date Drilled Deeper _____ Sand _____
Other Wells on Lease _____

WELL VOLUME REPORTS

Month	Prod.	Month	Prod.
<u>Jan 71</u>	<u>0</u>	<u>JUNE</u>	<u>0</u>
<u>FEB</u>	<u>0</u>	<u>JULY</u>	<u>499 M</u>
<u>MAR</u>	<u>0</u>	<u>AUG</u>	<u>589 M</u>
<u>APR</u>	<u>0</u>	<u>Oct.</u>	<u>456 M</u>
<u>MAY</u>	<u>0</u>	<u>N</u>	

Acreage _____ Accessibility FAIR
Frequency of Bailing 1 TIME DR. YEAR
Limited, Unlimited Free Consumer _____
Consumed: 19 _____ mcf, 19 _____ mcf
Last Annual Rock 20# Lbs. 19 71
Annual Royalty \$300.00
Surface Owner _____
Possibility of deeper drilling POOR.

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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 Glade Run Quadrangle Smithburg

Elevation 1274.02' County Doddridge District Grant

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

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

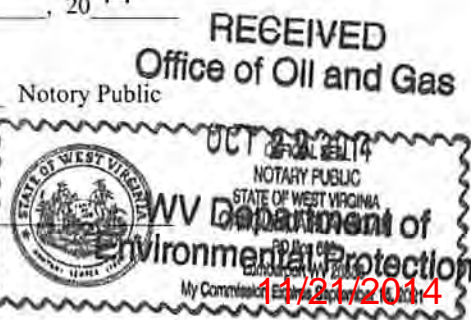
Company Official (Typed Name) Matt Imrich

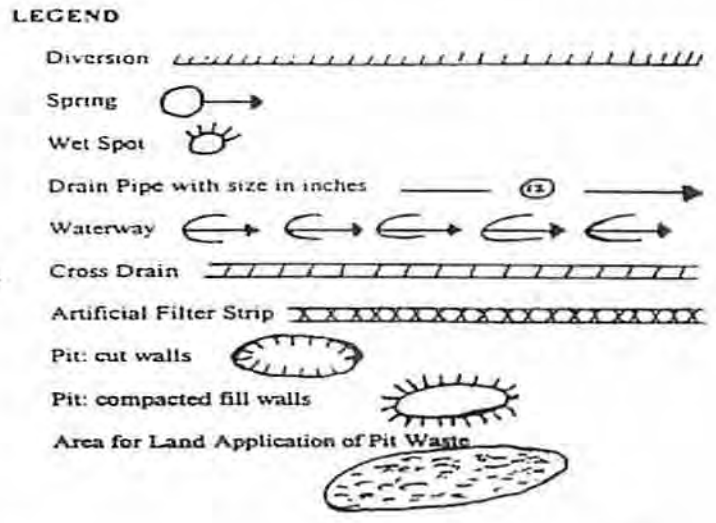
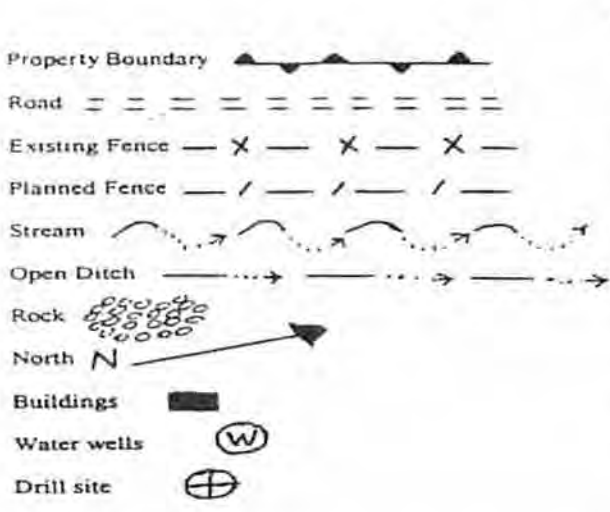
Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operations

Subscribed and sworn before me this 20TH day of OCT., 2014

[Signature]

My commission expires 9/15/2021





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

Area I		Area II	
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

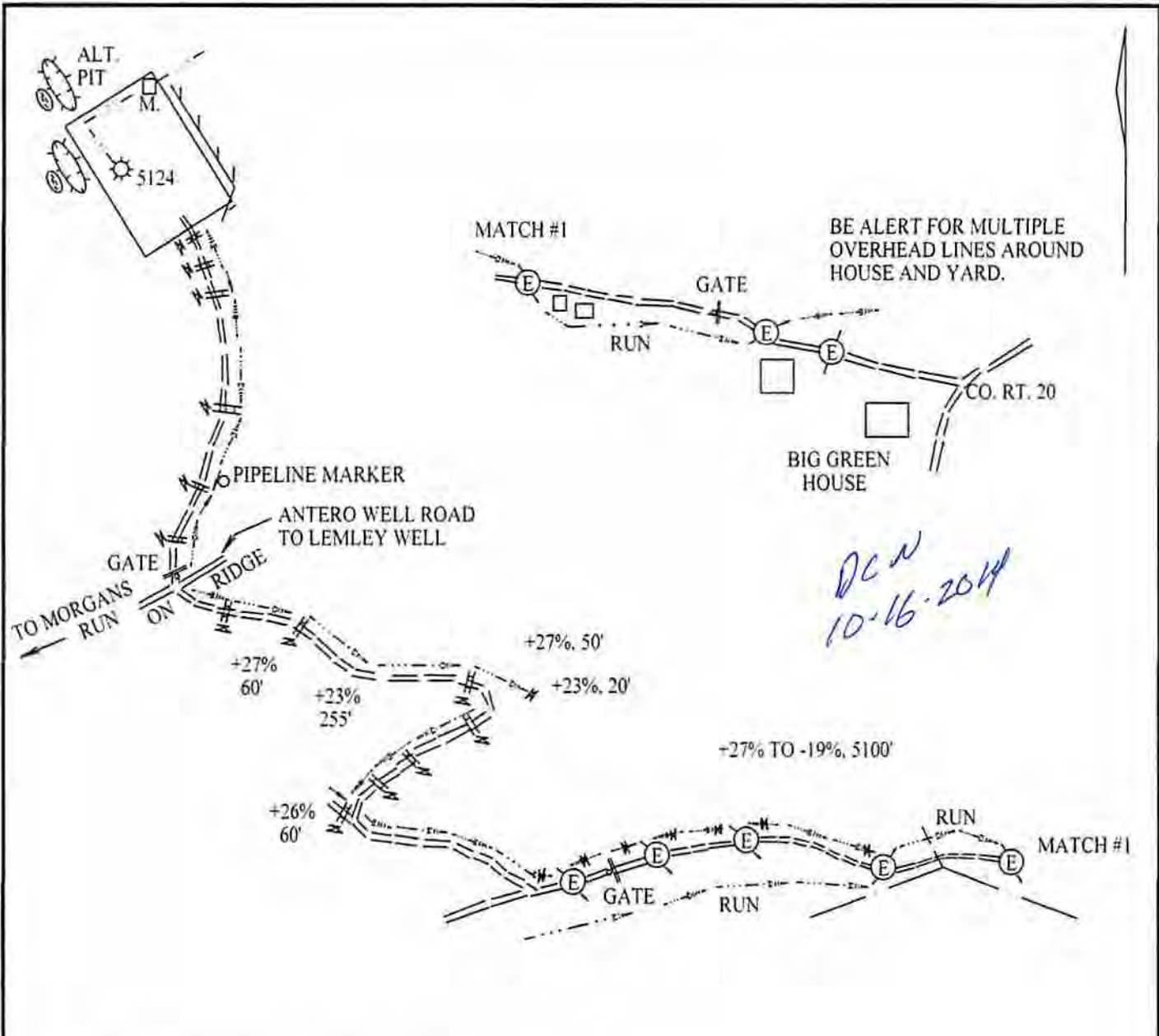
Attach:
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Douglas Newell
 Comments: install ETS as needed

Title: Oil & Gas Inspector Date: 10-16-2014
 Field Reviewed? () Yes () No

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 WV Department of
 Environmental Protection



THIS PLAN IS FOR THE PLUGGING OF AN EXISTING WELL. ENTIRE LENGTH OF ACCESS IS EXISTING WELL ROAD. ROCK WILL BE USED WHERE NECESSARY. ALL GRADES OVER 20% ARE NOTED.

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:	GLADE RUN
DISTRICT:	GRANT COUNTY: BOONVILLE
QUADRANGLE:	SMITHBURG
DATE:	08/11/14

RECEIVED
 Office of Oil and Gas
 OCT 22 2014
 WV Department of Environmental Protection
 10/21/2014

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

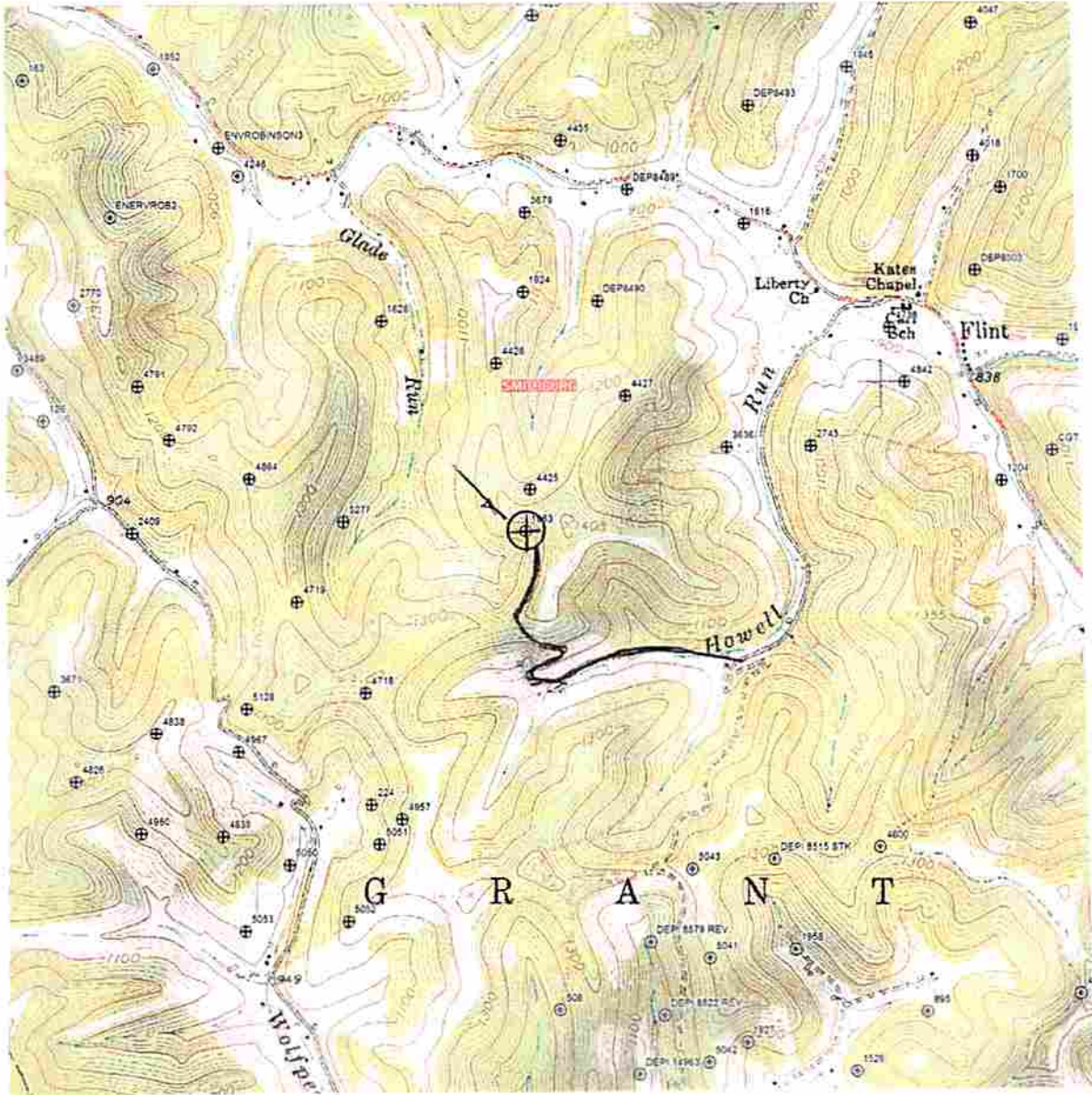
August 11, 2014

DRIVING DIRECTIONS FOR 5124

Traveling west on U. S. Route 50 from Salem, turn right on CR 9 (Tarkiln Road). Go 100' and turn left on County Route 50/29 (Old Route 50). Go 0.20 of a mile and turn right on County Route 3 (Big Flint Road). Go 4.25 miles and turn left on County Route 20 (Howell Run Road). Go 1.00 mile and turn right on the well road just before the big green house.

Nearest Fire Station: West Union

RECEIVED
Office of Oil and Gas
OCT 22 2014
WV Department of
Environmental Protection
10/24/2014



*DCW
10-16-2014*

DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY LLC	
P. O. BOX 1248	
JANE LEW, WV 26378	
WATERSHED:	GLADE RUN
DISTRICT:	GRANT COUNTY: DODDRIDGE
QUADRANGLE:	SMITHBURG WELL NO.: 5124
DATE:	08/11/14 PAGE ____ of ____

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

11/21/2014



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

API: 47-017-01963 WELL NO.: 5124
FARM NAME: W. H. BOYCE
RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC
COUNTY: DODDRIDGE DISTRICT: GRANT
QUADRANGLE: SMITHBURG 611
SURFACE OWNER: HFP, LLC
ROYALTY OWNER: KENNETH R. MASON, ET. AL.
UTM GPS NORTHING: 4,353,303.37 METERS
UTM GPS EASTING: 527,497.10 METERS GPS ELEVATION: 388.33 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:

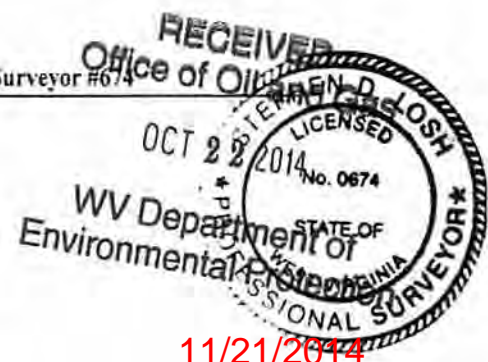
1. Datum: NAD 1983, Zone: 17 Coordinate Units: meters Altitude: Height above mean sea level (MSL) - meters
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method: Survey Grade GPS : Post Processed Differential Real-Time Differential
Mapping Grade GPS : Post Processed Differential Real-Time Differential

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 08/11/14



CNX USE: NAD 27 WV NORTH SPC: 5124 = 303,998.32' 1,665,884.70' ELEV. = 1274.02'

11/21/2014



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



October 20, 2014

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

RE: Well to be Plug and Abandoned: 5124

To Whom it May Concern,

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

- 5124 – API #47-017-01963

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 and Gas
OCT 22 2014
WV Department of
Environmental Protection

11/21/2014