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**west virginia** department of environmental protection

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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 05, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-3300760, 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: 8021

Farm Name: WAGNER, R.

**API Well Number: 47-3300760**

**Permit Type: Plugging**

Date Issued: 05/05/2015

**Promoting a healthy environment.**

**05/08/2015**

## 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

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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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

3300760P

WW-4B  
Rev. 2/01

1) Date 3/9, 20 15  
2) Operator's  
Well No. 8021  
3) API Well No. 47-033 - 00760

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 1316.01' Watershed Sycamore Creek  
District Union County Harrison Quadrangle Wolf Summit
- 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 Sam Ward Name See Attached  
Address P.O. Box 2327 Address \_\_\_\_\_  
Buckhannon, WV 26201

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

See attached work order

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

Work order approved by inspector S. P. Ward Date 3/9/15

05/08/2015

## Plugging Work Order for Permit 47-033-00760

### CNX Gas - Well DTI 8021

1. Verify 3 1/2" casing TD and swab dry.
2. Displace cement plug from ~~3089~~<sup>2989</sup> TD with 6% gel and 3 1/2" wiper plug. COVER PERFS. @ 3097'
3. Wait on cement. TAG CEMENT, ADD MORE CEMENT IF NEEDED.
4. Bond log/free point 3 1/2" casing.
5. Cut 3 1/2" casing @ 2150' (est. cement top), and pull up 2'.
6. Pump cement plug from 2150'-2050'.
7. Pull 3 1/2" casing from well.
8. Attempt to pull 5 3/16" casing and packer. If unable to pull free point and cut casing above the packer. Pull all free 5 3/16" casing. MAY HAVE BEEN PULLED 12/20/72
9. TIH w/2-3/8" work string to 2316'.
10. Pump cement plug from 2316'-2216' (csg point/cut).
11. TOH with work string.
12. 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.
13. TIH w/2-3/8" work string to 1700'.
14. Pump cement plug 1700' to 1525' (covers csg point/cut and gas shows).
15. TOH with work string.
16. Attempt to pull 8 1/4" casing. If unable to pull free point and cut casing. Pull all free 8 1/4" casing.
17. TIH w/2-3/8" work string to 1363'.
18. Pump cement plug from 1363'-895' (csg point/cut, elevation, and gas/oil shows).
19. Pull work string to 690'
20. Pump cement plug from 690'-550'(oil show)
21. TOH with work string.
22. Attempt to pull 10" casing. If unable to pull perforate pipe.
23. TIH w/2-3/8" work string to 300'.
24. Pump cement plug from 300' to surface.
25. TOH with work string and top off cement to surface.
26. Install 6" diameter x 14' monument (10' below grade, 4' above grade)  
API 47-033-00760.

Work Order approved by Inspector

*S. D. Warrick*

Date: 3/9/15

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.

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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REB

TELEGRAM  
NATURAL GAS  
COMMUNICATIONS DEPARTMENT

Salem District  
December 21, 1973

D. M. Corbett:

Well 8021, Wagner, Union District, Harrison County, S-14 E-9, Map Sheet 55. Started drilling deeper at 3232'. Balltown Sand 3410-3450'. Show of gas at 3415'. TD 3556'. Ran 3554' of 3-1/2" casing and perforated 3097-3102' with 5 holes; 3189-3195' with 6 holes; 3411-3416' with 5 holes; 3430-3436' with 6 holes. Fractured 12/13/73 with 80,000# 20-40 sand and 1017 bbl. water. Maximum pressure 3800#. Average pressure 3017#. Average injection rate 36.9-BPM. Bailed and blew well dry. Gas test 23/10 W 3" OF 456-M. 1 hour RP 380#. Show of oil. Suggest shut in on 3-1/2" tubing.

Freddie Ellis, Jr./Wallace

Shut in on 3-1/2" tubing. Report 14 day rock pressure. Turn in through meter.

D. M. Corbett

AS ABOVE  
REB  
12/21/73

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OG-10  
Rev. - 9-71



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

WELL RECORD

Rotary \_\_\_\_\_ Oil \_\_\_\_\_  
Cable XX Gas XX  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Quadrangle WESTON  
Permit No. HAR-760-DD

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.  
Farm Robert Wagoner Acres 138  
Location (waters) Sycamore Creek  
Well No. 8021 Elev. 1313'  
District Union County Harrison  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling Commenced 11-27-73  
Drilling Completed 12-07-73  
Initial open flow Dry cu. ft. \_\_\_\_\_ bbls.  
Final production 456 M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 31 days \_\_\_\_\_ hrs. before test 820# RP.  
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2			
3	<u>3554</u>	<u>3554</u>	<u>120 bags</u>
2			
Liners Used			

Attach copy of cementing record.

Well fractured 12-13-73 with 80,000# sand, 1017 hbl water, 500 gal acid  
Perforations: 3097'-3102' 5 holes, 3189'-3195' 6 holes, 3411-16' 5 holes  
3430-3436' 6 holes

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water None Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Balltown Depth See perms.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Started Drilling deeper @				3232		
Shale			3232	3250		
Lime			3250	3410		
BALLTOWN			3410	3450	Gas	See perms
Total Depth				3556'		

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05/08/2015

*Consolidated Gas Supply Corporation*  
Consolidated Gas Supply Corporation  
445 West Main Street  
Clarksburg, W. Va.

(over)

\* Indicates Electric Log tops in the remarks section.

\*Tally Measurement

CASING RECORD

SIZE	CHARGED TO WELL *		PUT IN WELL *		PULLED OUT *		LEFT IN WELL *		TRANSFERRED BEFORE COMPLETING *		LEFT AT WELL NOT IN USE *		Wt.	Grade	Steel Line Meas.
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.			
O. D.															
"															
"															
"															
3 1/2 "			3554.32		NONE		3554.32				299.70	9.2	K	3530.12	
"															

SHOE AND PACKER RECORD

SIZE	KIND	SET AT (Steel Line)	AMOUNT ANCHOR	Amount of Cement or Aquagel Used	CEM. OR GELL		REMARKS
					Top	Bottom	
3 1/2 "	FLOAT Shoe	3530.12'	NONE	120 SKS. CEM.	2250	3530	5 = 5 X 3 1/2" CENT.
3 1/2 "	LATCH DOWN PLUG	3500.87'	NONE	10 SKS. GEL SURF	2250		

CASING AND COAL CEMENTING RECORD

Date Cemented 12-9-73 Size Hole Cemented 5" Size Casing Cemented 3 1/2"  
 Top Coal \_\_\_\_\_ Top Cementing 2250 Amount Cement Used 120 SKS  
 Bottom Coal \_\_\_\_\_ Bottom Cementing 3530 Cemented By POWELL  
 Mr. \_\_\_\_\_ of Dept. of Mines on ground when coal was cemented  
 Mr. \_\_\_\_\_ of \_\_\_\_\_ Coal Company on ground when coal was cemented

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Date Cemented \_\_\_\_\_ Size Hole Cemented \_\_\_\_\_ Size Casing Cemented \_\_\_\_\_  
 Top Coal \_\_\_\_\_ Top Cementing \_\_\_\_\_ Amount Cement Used \_\_\_\_\_  
 Bottom Coal \_\_\_\_\_ Bottom Cementing \_\_\_\_\_ Cemented By \_\_\_\_\_  
 Mr. \_\_\_\_\_ of Dept. of Mines on ground when coal was cemented  
 Mr. \_\_\_\_\_ of \_\_\_\_\_ Coal Company on ground when coal was cemented

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature of persons who cemented well: \_\_\_\_\_  
 \_\_\_\_\_

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**DOWELL** DIVISION OF THE DOW CHEMICAL COMPANY

3300760P

4101

SERVICE AND INVOICE NUMBER 112-0125  
TERMS: NET 30. ADD LEGAL INTEREST THEREAFTER. 076719

Please indicate on all remittances and send to: P.O. BOX 21  
TULSA, OKLAHOMA 74102

SERVICE ORDER RECEIPT AND INVOICE

DATE <u>12-9-73</u>	CUSTOMER ORDER NO. <u>Verbal</u>	SHIPPED VIA <u>Dowell</u>	SERVICE FROM DOWELL STATION <u>Glennville</u>	OUTPOST <u>47</u>
WELL NAME AND NUMBER <u>Vaggoner #8021</u>	LOCATION AND POOL <u>Sycamore</u>	SERVICE ORDER		
COUNTY (CITY IF WITHIN CITY LIMITS) & STATE <u>Harrison, N. Va.</u>	TYPE OF SERVICE <u>Cement 3" Tubing</u>	IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS. I have read, understood and agreed to the terms & conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.		
CUSTOMER'S NAME <u>Consolidated Gas Supply Corp.</u>	CUSTOMER BY <u>R. P. Morris</u> AUTHORIZED AGENT			
ADDRESS <u>Box III</u>				
CITY, STATE & ZIP CODE <u>Salem, N. Va.</u>	ZIP CODE <u>26426</u>			

SERVICE INSTRUCTIONS:

ITEM NO.	QUANTITY	UNIT	Material, Equipment and Services Used	Unit Price	AMOUNT
48002-007	1		Pumper to 3500	508.00	508.00
40001-000	120	BT	Bulk Cement	1.93	231.60
47007-050	60	lbs.	D65 Turbulance Induce	1.46	87.60
47002-050	30	lbs.	D46 Ant. Foam Agent	.50	15.00
45014-001	10	BT	Bentonite	3.20	32.00
49100-000	120	BT	Service Chg.	.45	54.00
59201-000	155	Mi.	Hauling <sup>25 mi</sup> 12,380/lbs.	.27	41.85
SUB TOTAL					970.05
Gallons License Fee					
Gallons License Fee					
ME--C	%	Tax on \$462.05		-0-	
SE--C	%	Tax on \$508.00		-0-	

SELLER HEREBY CERTIFIES THAT PRICES CONTAINED HEREIN COMPLY WITH THE REQUIREMENTS OF EXECUTIVE ORDER NO. 11615, DATED AUGUST 15, 1971.

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MAR 11 2015

"Seller warrants that all goods or service furnished hereunder comply with the requirements of the Fair Labor Standard Act of 1938 as amended."

DOWELL ENGINEER: J. H. Kasper PATHKILL INCH. JNR  
RECEIPT: THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS AND EQUIPMENT LISTED ABOVE WERE RECEIVED AND THE SERVICES WERE PERFORMED IN A WORKMANLIKE MANNER.  
CUSTOMER BY: R. P. Morris AUTHORIZED AGENT

3300760P

CLARKSBURG, W. VA. January 16 19 73

MR. Freddie Ellis SUPERINTENDENT,

Salem DISTRICT.

DEAR SIR:

OUR INSTRUCTIONS ON C.G.S.C. WELL NO. 8021 NAME Robert Wagner

ARE AS FOLLOWS: Drill Deeper - Speechley to Balltown (1973 Drill Deeper Budget)

YOURS VERY TRULY,

BY RFB  
MANAGER OF PRODUCTION

1/22/73 *F. Ellis*  
*G. Morrison*

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Hickney

CONSOLIDATED GAS SUPPLY CORPORATION  
DEFECTIVE WELL REPORT

DATE \_\_\_\_\_ MAP 55 <sup>N</sup>/<sub>S</sub> 14 <sup>E</sup>/<sub>W</sub> 9 TOWN, TWP. DISTRICT UNION COUNTY HARRISON  
 WELL NO. 8021 NAME ROBERT WAGNER WORKING DISTRICT SALEM  
 ORIG. OPEN FLOW 6/10 M 2" SAND FIFTH TEST FOR THIS REPORT: DATE 12-12-72 SAND Fifth  
 ORIG. ROCK PRES. \_\_\_\_\_ DATE 1919 OPEN FLOW 18 1/2 W 3/4 FM 17.972 ROCK PRES. 37#  
 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
6"			246	1" STEEL CASING SHOE			1919	Fair
6 1/2"			1214	6 1/2" STEEL CASING SHOE			"	"
6 1/2"			1535	6 1/2" X 5 1/2" B.H.P. PIPE			"	"
6 1/2"			2266	6 1/2" X 5 3/4" S.H. PIPE			"	"

HISTORY OF WELL

Depth of Pittsburgh Coal INSUN, FIFTH, & Original Depth: 2523 Present Depth: 3232  
 Well Producing { Gas SPEECHLY Sand at depths of { 1635 Oil Produced by \_\_\_\_\_  
 { Oil \_\_\_\_\_ Sand at depths of { 2485 13181 Condition of Rig \_\_\_\_\_  
 Amount of Cavings in hole: 32' = 1946 bailed Amount of Water: \_\_\_\_\_ Amount of Oil: \_\_\_\_\_  
 Date well cleaned out: \_\_\_\_\_ Result: \_\_\_\_\_  
 Date well treated \_\_\_\_\_ Resulting open flow \_\_\_\_\_  
 Type of treatment:  Frac.  Shot \_\_\_\_\_ (where)  Acidize  \_\_\_\_\_ (Other) \_\_\_\_\_  
 Remarks: \_\_\_\_\_

What should be done with well in my opinion: Pull 5 3/4 casing clean out and drill to deeper sand.

Date 12-20-72 Freddie Ellis District Superintendent  
would recommend \_\_\_\_\_

Date \_\_\_\_\_ James Division Superintendent  
would recommend Same as above

Date 12-22-72 James Division Manager  
lease Restrictions LS. 52757, 138 ACRES. OTHER WELL ON LEASE 8019, CONSOLIDATED OWNERS' GAS RIGHTS IN FEE.  
THERE ARE NO RESTRICTIONS CONCERNING ABANDONMENT OF WELL, UNLIMITED FREE GAS IN LEASE, CONSUMER CONNECTED TO WELL 8019.

Date 1-4-73 Received R. W. White Office of Oil & Gas  
would recommend Drilling deeper from Speechley to Bailow (1973 D.D. Budget). MAR 25 2015

Date 1-5-73 MAR 11 2015 R. C. Bayler Chief Geologist  
would recommend \_\_\_\_\_

Date \_\_\_\_\_ \_\_\_\_\_ Manager of Storage

As follows: As per Chief Geol. Well on 1973 D.D. Program 05/08/2015  
Date 1/11/73 Ret. name

WELL NO. 8021

SPECIAL WELL ANALYSIS

ELEV. 1313

2300760P

Union DIST. HARRISON CO. FARM NAME Robert Wagner

COMM. DRLG. 4-14-19 COMP. DRLG. 5-27-19 MAP SQUARES N S4E1W

FORMATION			100	CASING RECORD		REMARKS
Top.	Btm.	Gas.				
Pgh. Coal						
<u>133</u>	<u>139</u>		200			
Salt Sand			300			
<u>855</u>	<u>945</u>		400			
Salt Sand			500			
<u>960</u>	<u>1115</u>	<u>Gas</u>	600			
Maxon			700			
			800			
L.Lime			900			
<u>1510</u>	<u>1527</u>		1000			
B.Lime			1100			
	<u>1610</u>		1200			
n			1300			
	<u>1700</u>	<u>Gas</u>	1400			
Wantz			1500			
<u>1940</u>	<u>1945</u>		1600			
Fifty Ft.			1700			
<u>2070</u>	<u>2105</u>		1800			
Thirty Ft.			1900			
<u>2153</u>	<u>2179</u>		2000			
Stray			2100			
<u>2258</u>	<u>2275</u>		2200			
Gordon			2300			
<u>2347</u>	<u>2347</u>		2400			
Fifth			2500			
<u>2400</u>	<u>2411</u>	<u>Gas</u>	2600			
ORIG. T.D.	<u>2522</u>		2700			
<u>2522</u>	<u>2522</u>					

Casing Record

Run	Pulled	Left
10" 246	None	246
8" 1177		1177
7" 1577		1577
5" 2266		2266
4"		
3"		
2" 2532	2532	

Packers

Size	Kind	Set
10"	S.S.	
8"	S.S.	
5 1/2"	P.O.	2500
6 1/2"	P.H.	

Shooting Record

Date.	Qts.	Top.	Bot.	Sand
5-27-19	30	2400	2400	

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MAR 11 2015

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MAR 25 2015

05/08/2015

10 csg. 246 ft. 10 csg. 246 ft. 8 csg. 246 ft. 8 csg. 1177 ft. 7 csg. 1177 ft. 7 csg. 1177 ft. 5 csg. 2266 ft. 5 csg. 2266 ft. 5 csg. 2266 ft.

118134 4230198

65

WELL NO.	8121	LEASE NO.	31	ACRES	138 N. S. 14 E. 9 W.	DISTRICT							
DISTRICT	Union	RECORD				CASING AND TUBING							
DATE COMMENCED	February 19, 1919	FORMATION	TOP	BOTTOM	OIL AT	GAS AT	WATER AT	FRESH OR SALT	SIZE	PUT IN WELL	PULLED	CEMENTED	
DATE COMPLETED	March 6, 1919	Pittsburgh Coal	133	139			155		13 In. Casing		SALEM	BUFFALO	
DATE CONTRACTED	May 27, 1919	Dunkard Sand	535	710 (295-640)					10 In. Casing	246'			
DATE PURCHASED FROM	March 6, 1919	Salt Sand	855	1115 (945-960)		1114			8 In. Casing	1197'			
DATE PURCHASED	March 6, 1919	Maxon Sand	1510	1527					6 In. Casing	1577'			
DATE SHUT IN	March 6, 1919	Injun Sand	1610	1700		1635			5 In. Casing	2266'			
DATE CONNECTED	March 6, 1919	Berea Sand	1730	1760					2 In. Tubing	2532'	2532		
DATE TURNED ON	March 6, 1919	Gantz Sand	1940	1975					2 In. Tubing	15'	15		
DATE TURNED OFF	March 6, 1919	Fifty Foot Sand	2070	2123					3 In. Tubing	3554'			
DATE DISCONNECTED	March 6, 1919	Thirty Foot Sand	2153	2179					SHOOTING				
DATE SOLD TO	March 6, 1919	Stray Sand	2253	2263					DATE	QTS.	SAND	VOLUME BEFORE	VOLUME AFTER
DATE SOLD	March 6, 1919	Gordon Sand	2267	2307					5-29-19	30	Fifth	285,000	431,040
DATE RE-PURCHASED	March 6, 1919	Fourth Sand	2315	2325					12-13-73	FRAC	Speech-Ball		456,000
DATE PLUGGED	March 6, 1919	Fifth Sand	2482	2581		2485							
DATE ABANDONED	March 6, 1919	Bayard Sand	3179	3189		3181							
MERGER	2/20/39 TO HOPE NATURAL GAS CO.	Balltown	3410	3450									
			TOTAL DEPTH	2523									
			Jasper	3227									
			D.D.	3556									

Elevation		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
F April 30 1919	24 1/10	Dr.	2"		10	55	90	110	125	-	233,088	2nd Salt	10"	S.C.S.	
F May 31 "	6/10	M.W.	2"		20	60	85	100	105	140	431,040	Fifth	8 1/4"	"	
" May 31 "	4/10	Dr.	2"		0	0	10	40	85	220	94,560	Injun	6 5/8 X 8 1/4"	B.N.	
Feb 1 1922	8 3/10	"	2"		10	38	54	70	78	87	134,400	Fifth	5 3/16 X 2"	Anchor	2299
July 14 1923	B -	"	1/2"						10	45	No test	Injun	6 X 5"	B.N.	
July 14 "	8 9/10	Dr.	2"		20	20	58	65	70	90	143,040	Fifth	10"	Star	
Oct - 28 1925	B 26/10	"	1 1/2"		5	25	40	50	50	60	60,648	"	8"	Star	
Aug 3 1928	32 1/10	"	1"		5	20	30	37	45		67,222	"	OK		
May 12 1931	B 18/10	"	1"		3	16	24	32	34		31,950	"	OK		
May 9 1934	B 18/10	"	1"		4	15	23	28	29		31,950	"	OK		
May 4 1934	2/10	"	1/2"		0	0	0	4	8	100	2585	Injun			
F " 4 "	31/10	"	1 1/2"		2	10	22	23	60	85	94,305	5th & 2nd Speck			
Dec. 6 1943	B 32/10	"	1"		0	4	9	20	30	-	42,600	"	"		

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3307608

Well No. 876 Company Harrison District Harrison  
 Located on Robert Waggoner Farm  
 District Union County Harrison State W. Va.

Location Made 2-19-19 First Work Done 3-6-19  
 Rig Commenced 3-25-19 Rig Completed 4-4-19  
 Drilling Commenced 4-14-19 Drilling Completed 5-27-19  
 Rig Contractor Reserve Gas. Co. { Drilling Contractor } Mike Huber  
 { If H. N. Co. Tools, String No. }  
 Drillers John Shiner and John Adams  
 Tool Dressers C. L. Gordon and Ray May

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal								
Pittsburgh Coal		133	139		155			5 bailers
Little Dunkard		535	595					
Big Dunkard		640	710					
Gas Sand								
First Salt		855	945					
Second Salt		960	1115				1114	
Maxon								
Little Lime		1510	1527					
Pencil Cave		1527	1537					
Big Lime		1537	1610	1577				
Big Injun		1610	1700	1635			1635	
Squaw		1730	1760					Reduced hole-2272
Berea								
Gantz		1940	1975					
Fifty Feet		2070	2123					
Thirty Feet		2153	2179					
Gordon Stray		2253	2263					
Gordon		2267	2307					Hole reduced-2272
Fourth		2315	2325					
Fifth		2482	2501				2485	
Bayard								
Total Depth			2523					

SIZE	Charged to Well		Put in Well		Pulled Out		: Left in Well		Transferred Before Completing		Left at Well Not in Use		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.	
13" Csg.													
10" "	257	10	246				246				11	10	
8 1/2" "	1396		1197				1197				199		
6.5-8" "	1758	6	1577				1577				181	6	
5.3-16" "													
2" Tbg.	3540	5 1/2	2532				2532				1008	5	
2" Perf.	15		15				15						

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PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
10"	Steel casing shoe			
8 1/2"	do.			
5 1/2" x 8 1/2"	Bottom hole			
5 1/2" x 2"	Anchor Packer	223' 8"	2299' 4"	

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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		
5-29-19	30	2483	2495	4"	5th	36/10	W.	2"	80/10	W.	2"	24	Marietta Torpedo Co.

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....  
 Top Pittsburgh Coal..... Top Cementing..... Amount Cement Used..... **05/08/2015**  
 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 by (Signed) J. P. Davies  
Foreman

3300760P

WW-4A  
Revised 6-07

1) Date: 3/9/2015  
2) Operator's Well Number  
8021  
3) API Well No.: 47 - 033 - 00760

**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>Francis I. Lowe &amp; Nancy P. Lowe, Trustees</u>	Name <u>Anker West Virginia Coal Mining Co., Inc.</u>
Address <u>RR 1 Box 514</u>	Address <u>300 Corporate Centre Drive</u>
<u>Clarksburg, WV 26301</u>	<u>Scott Depot, WV 25560</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Anker West Virginia Coal Mining Co., Inc.</u>
	Address <u>300 Corporate Centre Drive</u>
	<u>Scott Depot, WV 25560</u>
(c) Name _____	Name <u>Francis I. Lowe &amp; Nancy P. Lowe, Trustees</u>
Address _____	Address <u>RR 1 Box 514</u>
	<u>Clarksburg, WV 26301</u>
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name <u>None of Declaration</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-389-7583</u>	_____

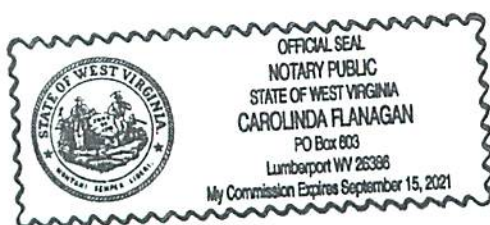
**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (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.

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Office of Oil & Gas  
MAR 25 2015



Well Operator CNX Gas Company LLC  
 By: Kelly Eddy  
 Its: Permitting Supervisor  
 Address P.O. Box 1248  
Jane Lew, WV 26378  
 Telephone 304-884-2131 - Kelly Eddy, Permitting Supervisor

Received  
Office of Oil & Gas  
MAR 11 2015

Subscribed and sworn before me this 9<sup>TH</sup> 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 [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

05/08/2015

3300760P

7014 0510 0000 4142 4463

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Total Postage & Fees	\$ 8.24

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 JANE LEW WV 26378  
 FEB 26 2015  
 UNITED STATES POSTAL SERVICE

Sent To **Francis I. Lowe & Nancy P. Lowe**  
**Trustees of the Lowe Revocable Living Trust**  
 RR 1 Box 514  
 Clarksburg, WV 26301  
 P&A Well 8021  
 Surface & Coal Owner

PS Form 3800, August 2006 See Reverse for Instructions

7014 0510 0000 4142 4456

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 8.24

Postmark Here  
 JANE LEW WV 26378  
 FEB 26 2015  
 UNITED STATES POSTAL SERVICE

Sent To **Anker West Virginia Coal Mining Co. Inc.**  
 300 Corporate Centre Drive  
 Scott Depot, WV 25560  
 P&A Well 8021  
 Coal Owner & Operator

PS Form 3800, August 2006 See Reverse for Instructions

Received  
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MAR 25 2015

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05/08/2015



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WW-9  
Rev. 5/08

Page 1 of 2  
API Number 47 - 033 - 00760  
Operator's Well No. 8021

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 Sycamore Creek Quadrangle Wolf Summit

Elevation 1316.01' County Harrison District Union

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

SDW  
3/9/15

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.

Received  
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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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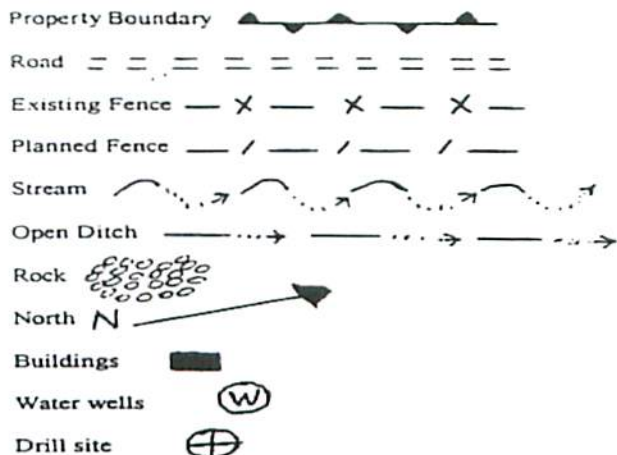
Subscribed and sworn before me this 9<sup>TH</sup> day of MARCH, 2015

Carolinda Flanagan

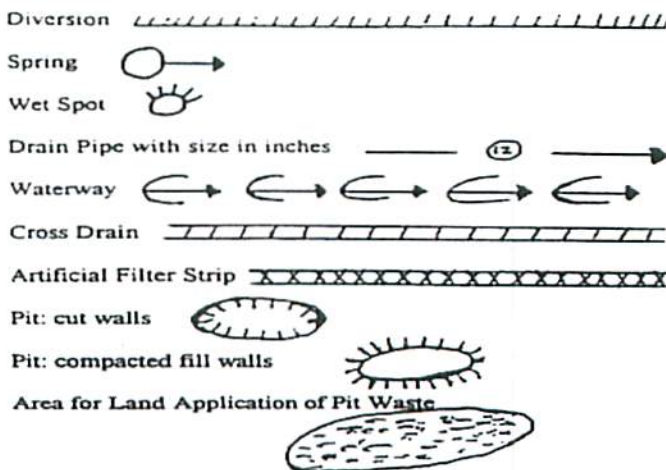
My commission expires 9/15/2021

Notary Public





LEGEND



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 (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

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: S. D. Warritt

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Office of Oil & Gas  
MAR 11 2015

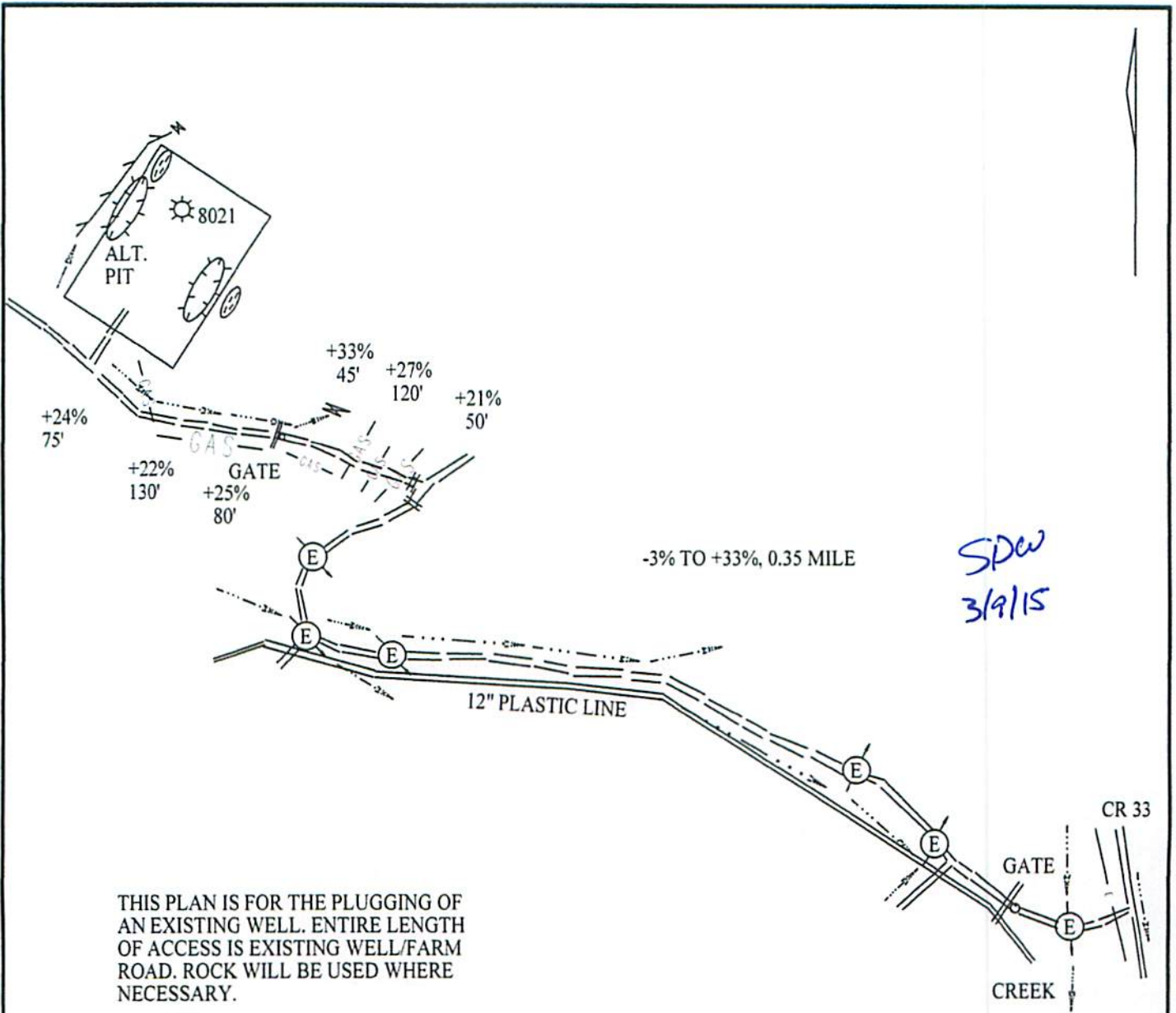
Comments: \_\_\_\_\_

Title: COG Inspector

Date: 3/9/15

Field Reviewed? ( ) Yes ( X ) No

3300760F



SDW  
3/9/15

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

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Office of Oil & Gas  
MAR 11 2015

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

DRAWINGS TO ACCOMPANY FORM WWS-9	
CNX GAS COMPANY LLC	MAR 25 2015
P. O. BOX 1248	
JANE LEW, WV 26378	
WATERSHED:	SYCAMORE CREEK
DISTRICT: UNION	COUNTY: HARRISON
QUADRANGLE: WOLF SUMMIT	WELL NO.: 8021
DATE: 11/13/14	PAGE ___ of ___

05/08/2015



Office of Oil & Gas  
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 MAR 25 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:	SYCAMORE CREEK
DISTRICT: UNION	COUNTY: HARRISON
QUADRANGLE: WOLF SUMMIT	WELL NO.: 8021
DATE: 11/13/14	PAGE ___ of ___

3300 760P

WW-7  
5-02



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

API: 47-033-00760 WELL NO.: 8021

FARM NAME: ROBERT WAGONER

RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC

COUNTY: HARRISON DISTRICT: UNION

QUADRANGLE: WOLF SUMMIT

SURFACE OWNER: FRANCES L. LOWE

ROYALTY OWNER: CONSOL GAS COMPANY

UTM GPS NORTHING: 4,344,720.08 METERS

UTM GPS EASTING: 547,634.87 METERS GPS ELEVATION: 401.12 METERS (1315')

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.

MAR 11 2015

Signature Stephen D. Losh, PS #674

Title WV Professional Surveyor #674

Date 11/13/14



CNX USE: NAD 27 WV NORTH SPC: 8021 = 274,729.75' 1,731,496.82' ELEV. = 1316.01'

05/08/2015