



west virginia department of environmental protection

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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Tuesday, May 30, 2017
WELL WORK PERMIT
Vertical / Plugging

CONSOL GAS COMPANY (A)
1000 CONSOL ENERGY DRIVE

CANNONSBURG, PA 163176506

Re: Permit approval for 9478
47-035-00783-00-00

This well work permit 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 any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: 9478
Farm Name: EULER, J. B.
U.S. WELL NUMBER: 47-035-00783-00-00
Vertical / Plugging
Date Issued: 5/30/2017

Promoting a healthy environment.

06/02/2017

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

Issue 5/20/2017

MAY 11 2017

- 1) Date 3/8/17, 2017
- 2) Operator's Well No. 9478
- 3) API Well No. 47-035 - 00783

WV Department of Environmental Protection
 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 841' Watershed Lower Mill Creek
 District Union County Jackson Quadrangle Cottageville
- 6) Well Operator Consol Gas Company 7) Designated Agent Christopher Turner
 Address 1000 Consol Energy Drive Address P.O. Box 1248
Canonsburg, PA 15317 Jane Lew, WV 26378
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
 Name Jamie Stevens Name Coastal Drilling East LLC
 Address 105 Kentuck Road Address 70 Gums Springs Road
Kenna WV 25248 Morgantown, WV 26508

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

See attached.
 2656 TO in 1994
 original TO. 3852'

Shot hole
3046 - 3852

3046 Berea
2270 - 2300

Water
1117-34
1 Salt Sand
2 " "
1264 - 74
3 Red Salt Sand
1570 - 80
Water in Maxon sand
1420 - 30

Protect
Wet head $\frac{1}{2}$ Steam
See notes

4/28/2017

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

Work order approved by inspector Jamie Stevens Date 4/28/2017

John B. Euler #9478
 Original Completion: 02/21/1951
 API#: 47-035-00783
 Elevation = 841'

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Procedure:

1. Load Hole/Kill Well. Pump 6% gel if necessary
2. RIH with CCL/Sinker bar to verify TD and packer/casing depth (TD-3852', Possible bridge at 2665', Packer depth at 2505')
3. TIH w/ 2 3/8" WS and set Class A cement plug from TD- 2550' (3 stages)
4. Wait on Cement
5. Verify TOC and run Bond log on 7"
6. Jet Cut/Collar Bust where 7" is free. POOH
7. If unable to pull, perforate 7" from 2500'-surface.
8. TIH to TOC and Cement to surface (5 Stages)
9. Set Monument w/ Company Name, Well Name, API, and Date of Completion.
 Monument must be a minimum of 6" diameter and 30" above ground level.

NOTE: All Cement plugs will be Class A Cement, All Spacers between wells will be 6% Gel, Any casing unable to be recovered will be perforated every 100' with 4 shots and 100' cement plugs will be set to cover all cut points.

If it becomes necessary to deviate from this method, approval from the WV DEP Oil & Gas Division will be obtained before proceeding.

Work Order approved by Inspector: _____ Date: _____

*Pull all pipe possible - Plug hole at all times possible
 Cement across Bena 2270.
 If unable to pull 7" Perforate at all shown water
 & set Cement plugs.*

Record of Hope Natural Gas Company

N. S. 39 E. W. 69 Acres 258 (1)

Well No. 9478 Lease No. 59992 Name John B. Euler District Calhoun
 District Union County Jackson State West Virginia

Location Made Oct. 26, 1950; Changed Oct. 31, 1950 First Work Done December 8, 1950
 Rig Commenced ----- (ELEV. 841 ft.) Rig Completed -----
 Drilling Commenced December 26, 1950 Drilling Completed February 21, 1951
 Rig Contractor Same as Drilling { Drilling Contractor C. F. Engel
 { If H.N.G.Co. Tools, String No. }
 Drillers W. K. Engel, Bernard H. Stonestraet Tool Dressers Orville E. Reed, Orville Moore

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurement	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Red Rock		0	18					
Sand		18	23					
Red Rock		23	60					
Slate		60	100					
Red Rock		100	165					
Slate		165	181					
Red Rock		181	185					
Slate		185	210					
Red Rock		210	255					
Slate & Shells		255	286					
Red Rock		286	300					
Slate		300	315					
Red Rock		315	325					
Sand		325	347					
Red Rock		347	359					
Slate		359	384	363				
Red Rock		384	394					
Slate		394	415					
Red Rock		415	444					
Slate		444	486					
Sand		486	525					
Slate		525	615					
Red Rock		615	634					
Slate		634	670					
Red Rock		670	700					
Slate & Shells		700	815					
Coal		815	821					
Slate		821	939					
Sand		939	962					
Slate		962	977					
Pink Rock		977	990					
Slate		990	1046					
Lime		1046	1060					
1ST SALT SAND ✓		1060	1165	1073	1117-1134			4 - 10" bailers per h
Slate (Break)		1165	1175					
1ST SALT SAND ✓		1175	1210					
Slate		1210	1235					
Coal		1235	1240					
Slate		1240	1264					
2ND SALT SAND ✓		1264	1294		1264-1274			2 1/2 - 10" bailers per hr
Slate (Break)		1294	1335					
2ND SALT SAND ✓		1335	1364					
Slate (Break)		1364	1370					
2ND SALT SAND ✓		1370	1395					
Slate & Shells		1395	1485					
3RD SALT SAND ✓		1485	1509					
Slate (Break)		1509	1534					
3RD SALT SAND ✓		1534	1600		1570-1580			4 - 10" 06/02/2017 hr
MAXON SAND		1600	1684		1620-1630			Hole full of water
RTG TIME		1684	1786					

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JS

BIG INJUN SAND	1063	1907	
Slate	1967	1975	
Lime	1975	2095	1982
Slate & Shells	2095	2264	
Brown Shale	2264	2270	
BEREA SAND	2270	2300	
Slate & Shells	2300	3405	2505
BROWN SHALE	3405	3480	
Slate & Shells (Break)	3480	3646	
BROWN SHALE	3646	3841	
Slate	3841		
TOTAL DEPTH		3852	3852

3500783P (2)

3746-3756 8/10 M 2" OF
 3758-3768 18/10 W 2" OF
 3768-3778 ditto
 3778-3788 16/10 W 2" OF
 3803-3813 ditto
 3813-3822 ditto
 3822-3832 14/10 W 2" OF
 3832-3837 ditto
 3837-3844 ditto
 3844-3852 ditto

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47-035-00783P
[Signature]

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.	
16" Conduct.	19		19		None		19				None		19		
13-3/8"	403		370		370		None				33		363		48#
10-3/4"	1159		1085		1085		None				74		1073		32.75#
8-5/8"	2067		1999		1999		None				68		1982		24#
7"	2637		2524		None		2524				113		2505		20#

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
13-3/8"	Shoe set at	363 ft. (Pulled)	Ran 15 bags Jell & 40# Fibrotex behind	13" Casing
10-3/4"	Shoe set at	1073 ft. (Pulled)	" 18 " " " 40#	" 10" "
8-5/8"	" " "	1982 ft. (Pulled)	" 18 " " " 40#	" 8" "
7"	" " "	2505 ft. - - -	" 9 " " " 25 bags cement behind	7" casing

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			
2-22-51	2000# Gel.	3646	3852		Br. Shale	110			76/10			1-1/4 hrs.	Open	Marietta Torp. Co

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... 8"..... Size Casing Cemented..... 7".....
 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..... A. R. Wolfe 06/02/2017
 District Superintendent.

WELL No. 9478 NAME John B. Euler LEASE No. 59992 ACRES 258 N. S 39 E. W 69 DISTRICT Calhoun

RECORD CASING AND TUBING

FORMATION	TOP	BOTTOM	OIL AT	GAS AT	WATER AT	FRESH OR SALT	SIZE	PUT IN WELL	PULLED	CEMENTED
Coal	815	821					16" Casing	19'		Date
Sand	939	962					13 3/8" Casing	370'	370'	Size Casing
1st. Salt	1060	1210			1117-34		8 5/8" Casing	1085'	1085'	Top Ft.
Coal	1235	1240					7 in. Casing	1999'	1999'	Bottom Ft.
2nd. Salt	1264	1395			1364-74		in. Casing	5L. 2505'		7" Set in 7-Bags Aquaquil & 25 B. Cen.
3rd "	1485	1600			1570-80		in. Tubing			
Maxon	1600	1684			1620-30		in. Tubing			
Biglime	1684	1810								
Injion	1863	1967								
Berea	2270	2300								
Brown Shale	3405	3480								
"	3646	3841								
Total Depth					3746'					

SHOOTING

DATE	SAND	VOLUME BEFORE	VOLUME AFTER
2-22-51	Brown Gel. Shale	140,000	376,000

[Handwritten Signature]

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
6/4-19-1951	8/10	Merc.	2" O.F.								440,000	Brown Shale	10 3/4"	"	107'
" 21 "	14/10	Water	2" O.F.								158,000	"	8 5/8"	"	198'
" 22 "	11/10	"	2" O.F.								140,000	"	7"	"	250'
" 22 "	70/10	"	2" O.F.		2	14	28	85	155	26 hrs. 430	368,000	"	"	"	

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3752
2300
4/28/2017
47, 035-00783 P

INITIAL OIL PRODUCTION

DATE	BARRELS	SAND

3500783 P

Well Servicing, Inc.

BOX 454 • WESTON, WV 26452
269-7292 SHOP • 304-269-3071 OFFICE

DAILY REPORT AND SUMMARY

117-035-00783-P
OP

3500783P

INVOICE NO.	12201
DATE	10/31/1994

CUSTOMER INFORMATION		WELL INFORMATION	
COMPANY	CNG Transmission Corp.	LOCATION	Cottageville, Jackson Co.
ADDRESS	Rt. 4, Box 55	WELL NAME/NO.	9478
PHONE	Weston, WV 26452	FARM NAME	
		TAX EXEMPT NO.	91-1-025878

TANK READING				PRESSURE READING					
END READING	0'	OIL %	0%	ANNEX:	AM	0	TUBING	AM	0
BEGIN READING	0'	WATER %	0%		PM	0		PM	0
TOTAL FOR DAY	0'			DIFFERENTIAL		0			

TUBING INFORMATION				CASING INFORMATION			
TUBING SIZE	0	TUBING DEPTH	0	FORMATION	PERF TOP	PERF BOT	BAFFLES IN/OUT
PACKER	0	SEATING COLLAR	0		3405	3841	OUT
TUBING PULLED	0	RODS PULLED	0				
APPROXIMATE FLUID LEVEL IN HOLE	0			ACTUAL TD	2656	AMT. POCKET	0
NUMBER RUNS WITH SWAB OR BAILER	1			CASING TD	2505	CASING SIZE	7
NUMBER RUNS WITH SAND PUMP	0						
DEPTH SWABBED/BAILED TO	2656						
WELL FLOWED (YES/NO)	NO						

TEST RESULTS				
FLOW METER OR OPEN FLOW	SIZE OPENING	READING	LIQUID USED	CUBIC FEET
FLOW METER	0 3/4	3/10ths	WATER	7.336 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
Measured into 2656' and could not get any further down hole. Well was dry to that point. Rigged down, pinched well back into line, and moved on. 10/31/94 - Used tanker truck. Amount of Pocket: Open hole.	YES

OPERATOR: Joe Starett | RIG HAND: TB | ORDERED BY: Rick Butt | RIG NO.: 6

SUMMARY OF CHARGES			
QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
6.00	Rig Charges	45.00	270.00

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FIELD SIGNATURE	<i>OP</i>	SUB-TOTAL	270.00
		SALES TAX	0.00
		TOTAL DUE	06/02/2017 270.00

035-00783-P

3500783P

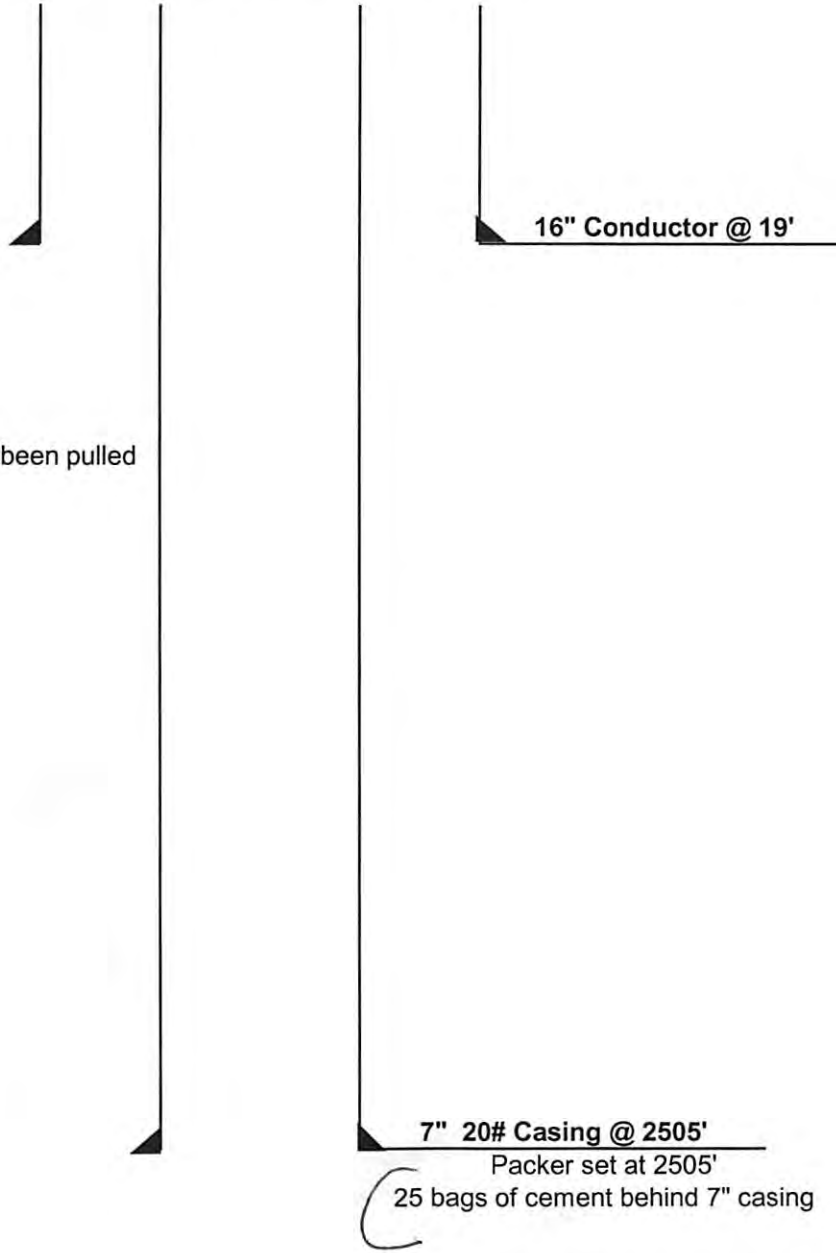
John B. Euler #9478
Cottageville, Jackson County

Original Completion : 02/21/1951

API # 47-035-00783

Elevation = 841'

[Handwritten signature]
4/28/2017



Note: All other Casing has been pulled

*** Debruler Well Service could not bail past 2656' in 1994

TD @ 3852'

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WW-4A
Revised 6-07

1) Date: 3/8/17
2) Operator's Well Number
9478
3) API Well No.: 47 - 035 - 00783 P

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>Byron Frederick Euler and Kathy L. Euler</u>	Name <u>Byron Frederick Euler and Kathy L. Euler</u>
Address <u>831 Baier Ridge Rd.</u>	Address <u>831 Baier Ridge Rd.</u>
<u>Cottageville, WV 25239</u>	<u>Cottageville, WV 25239</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Byron Frederick Euler and Kathy L. Euler</u>
(c) Name _____	Address <u>831 Baier Ridge Rd.</u>
Address _____	<u>Cottageville, WV 25239</u>
6) Inspector <u>Jamie Stevens</u>	(c) Coal Lessee with Declaration
Address <u>105 Kentuck Road</u>	Name _____
<u>Kenna WV 25248</u>	Address _____
Telephone <u>304-206-7775</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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Well Operator	<u>Consol Gas Company</u>
By:	<u>Christopher Turner</u> <i>Christopher Turner</i>
Its:	<u>Designated Agent</u>
Address	<u>1000 Consol Energy Drive</u>
	<u>Canonsburg, PA 15370</u>
Telephone	<u>(304) 884-2142</u>

Subscribed and sworn before me this 30th day of March 2017
Cindy L. Kovach Notary Public
My Commission Expires 9/26/2021



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 deprivacyoffier@wv.gov.

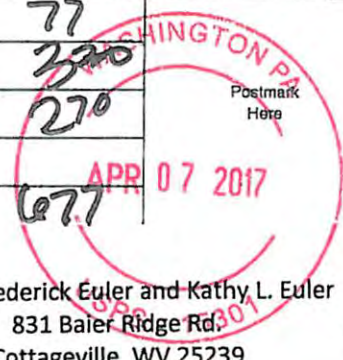
06/02/2017

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7013 2250 0000 9760 3867

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Postage	\$	77	
Certified Fee		320	
Return Receipt Fee (Endorsement Required)		270	
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$	677	

Sent To
 Street, Apt. No. or PO Box No.
 City, State, Zip


Byron Frederick Euler and Kathy L. Euler
 831 Baier Ridge Rd.
 Cottageville, WV 25239

PS Form 3800

7013 2250 0000 9760 3863

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

Postage	\$	192	
Certified Fee		320	
Return Receipt Fee (Endorsement Required)		270	
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$	792	

Sent To
 Street, Apt. No. or PO Box No.
 City, State, Zip

Jamie Stevens
 105 Kentuck Road
 Kenna WV 25248

PS Form 3800

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Environmental Protection

06/02/2017

3500783P

WW-9
(5/16)

API Number 47 - 035 - 00783
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Consol Gas Company OP Code 494495754

Watershed (HUC 10) Lower Mill Creek Quadrangle Cottageville

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

Will a pit be used? Yes No

ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS & DISPOSED OF OFFSITE, PROPERLY. JPM

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

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

Will closed loop system be used? If so, describe: no

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

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

Additives to be used in drilling medium? na

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

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

-Landfill or offsite name/permit number? _____

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

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I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 Christopher Turner

Company Official (Typed Name) Christopher Turner

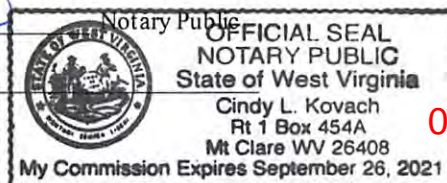
Company Official Title Designated Agent

Handwritten signature and date: 4/28/2017

Subscribed and sworn before me this 30th day of March, 20 17

Handwritten signature: Cindy L. Kovach
Handwritten date: 9/26/2021

My commission expires _____



06/02/2017

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed less than 1 acre Prevegetation pH _____

Lime 2-3 Tons/acre or to correct to pH 5 or above

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch hay or straw 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Tall Fescue	40
Landino Clover	5

Seed Type	lbs/acre
Tall Fescue	40
Landino Clover	5

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Jamie Stevens Inspector*
Comments: _____

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Title: _____ Date: 4/28/2017

Field Reviewed? () Yes () No

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

LEGEND

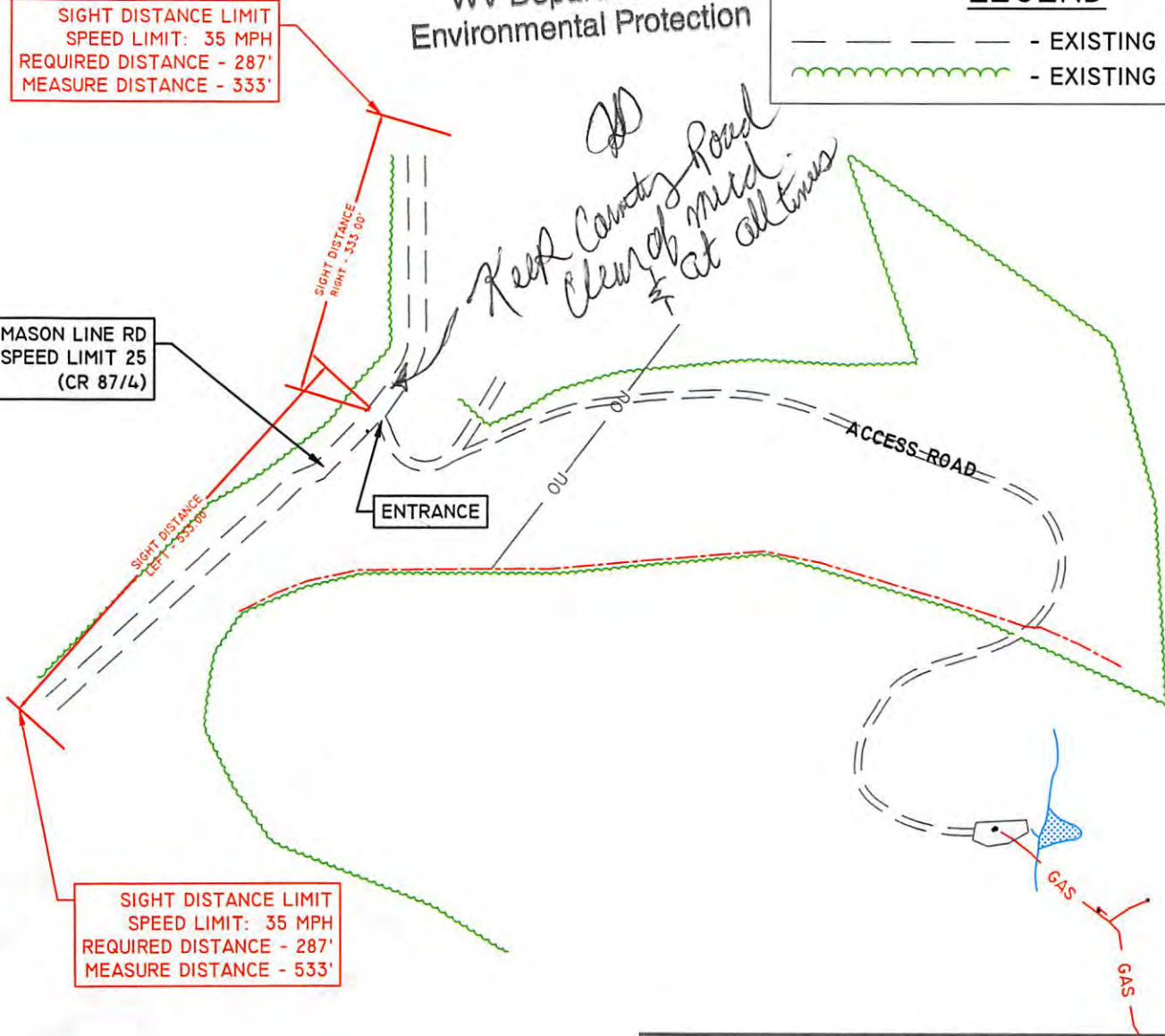
- - - - - EXISTING ROAD
- ~~~~~ EXISTING TREE LINE

SIGHT DISTANCE LIMIT
SPEED LIMIT: 35 MPH
REQUIRED DISTANCE - 287'
MEASURE DISTANCE - 333'

MASON LINE RD
SPEED LIMIT 25
(CR 87/4)

SIGHT DISTANCE LIMIT
SPEED LIMIT: 35 MPH
REQUIRED DISTANCE - 287'
MEASURE DISTANCE - 533'

*Keep County Road
Clear of mud
& at all times*



DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

200 HALLAM ROAD

WASHINGTON, PA 15301

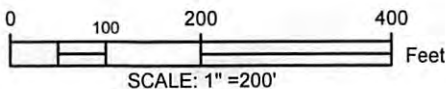
WATERSHED: LOWER MILL CREEK

DISTRICT: UNION COUNTY: JACKSON

QUADRANGLE: COTTAGEVILLE WELL NO: 9478

DATE: 02/23/2017 PAGE 1 OF 3

06/02/2017



47-035-00783P

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

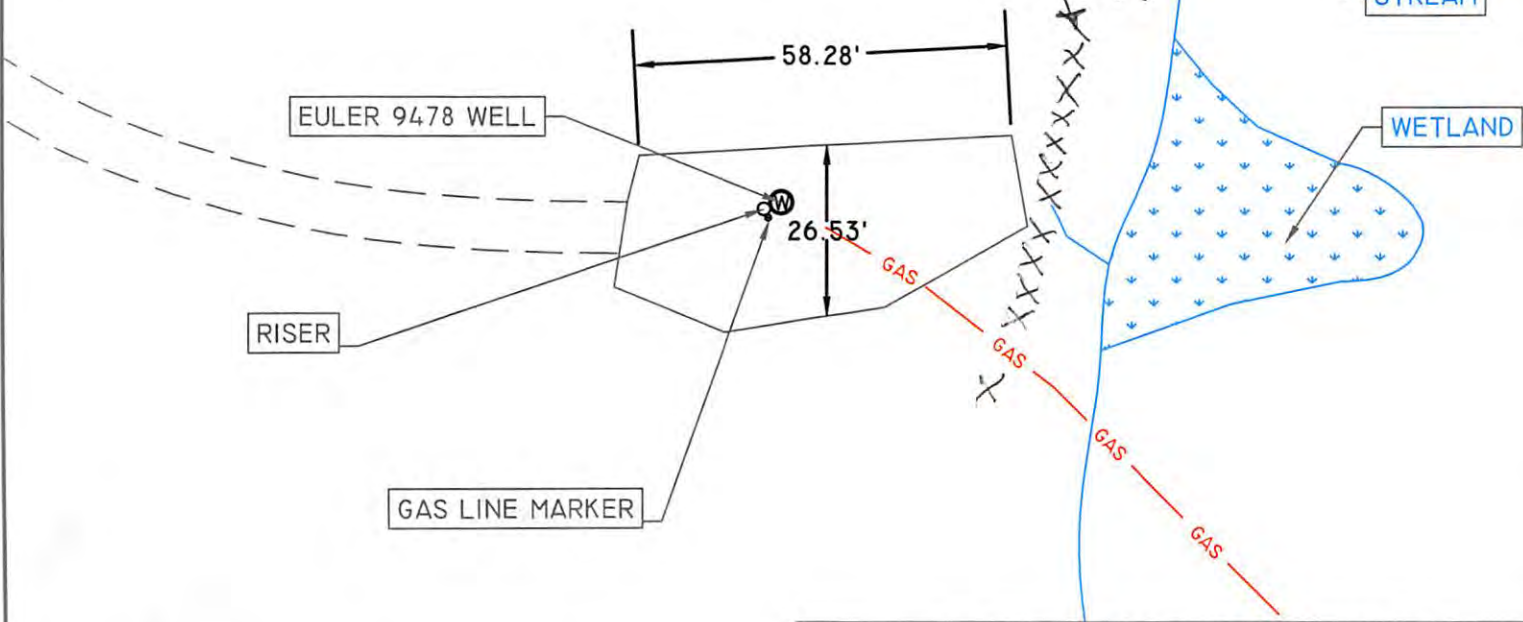
LEGEND

- - - - - EXISTING ROAD
- ~~~~~ EXISTING TREE LINE

RECEIVED
Office of Oil and Gas

MAY 11 2017

WV Department of
Environmental Protection



DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

200 HALLAM ROAD

WASHINGTON, PA 15301

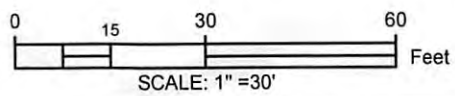
WATERSHED: LOWER MILL CREEK

DISTRICT: UNION COUNTY: JACKSON

QUADRANGLE: COTTAGEVILLE WELL NO: 9478

DATE: 02/23/2017 PAGE 2 OF 3

06/02/2017



47 035700783P



LOCATION MAP
 COTTAGEVILLE, WV 7.5M USGS QUADRANGLE
 SCALE: 1"=1000'




Blue Mountain Inc.
 Engineers and Land Surveyors
 Woman Owned Small Business
 11023 Mason Dixon Hwy.
 Burton, WV 26562-9656
 (304) 662-6486

LOCATION MAP
 GAS WELL PLUGGING
 EULER 9478 GAS WELL
 UNION DISTRICT
 JACKSON COUNTY, WV
 CNX GAS COMPANY, LLC.
 200 HALLAM ROAD
 WASHINGTON, PA 15301

DRAWN BY: LLF
CHECKED BY: WPF
DATE: 02/23/2017
SCALE: 1"=1000'
WATERSHED: LOWER MILL CREEK
PAGE <u>3</u> OF <u>3</u>

06/02/2017

MAY 11 2017

WW-7
8-30-06



WV Department of
Environmental Protection

West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-035-00783 P WELL NO.: 9478

FARM NAME: Euler

RESPONSIBLE PARTY NAME: Christopher Turner

COUNTY: Jackson DISTRICT: Union

QUADRANGLE: Cottageville

SURFACE OWNER: Bryon Frederick & Kathy L. Euler

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,300,273.39

UTM GPS EASTING: 425,443.14 GPS ELEVATION: 255.94

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number 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 North, 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
- 4. Letter size copy of the topography map showing the well location.

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

Christopher Turner Designated Agent 3/30/17
Signature Title Date

35-00783 P

Consol Gas Company
1000 Consol Energy Drive
Canonsburg, PA 15317

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


Plugging Permit Application – Well “Euler #9478” API #47-035-00783

Dear Sir or Madam,

Enclosed is the plugging permit application for the above referenced well.

If any further information or correspondence is required, please contact Erika Whetstone at (724) 485-4035 or ErikaWhetstone@consolenergy.com.

Sincerely,


FOR: Erika Whetstone

RECEIVED
Office of Oil and Gas

MAY 11 2017

WV Department of
Environmental Protection

06/02/2017