



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

Friday, September 15, 2017
WELL WORK PERMIT
Vertical / Plugging

CONSOL GAS COMPANY
1000 CONSOL ENERGY DRIVE

CANNONSBURG, PA 163176506

Re: Permit approval for 7145 (12478)
47-061-00367-00-00

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: 7145 (12478)
Farm Name: MILLER, M.
U.S. WELL NUMBER: 47-061-00367-00-00
Vertical / Plugging
Date Issued: 9/15/2017

Promoting a healthy environment.

09/15/2017

PERMIT CONDITIONS

I
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 _____, 2017
2) Operator's
Well No. 7145
3) API Well No. 47-061 - 00367

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 1869.98 Watershed Headwaters Three Fork Creek
District Clinton County Monongalia Quadrangle Gladesville

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 Name Gayne J Knitowski
Address P.O. Box 108
Gormanian WV 26720
9) Plugging Contractor Name Coastal Drilling East LLC
Address 70 Gums Springs Road
Morgantown, WV 26508

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

See attached.

o PLACE A MINIMUM OF 100' CLASS A CEMENT PLUG
ACROSS ALL CASING CUTS.

o PLACE A 200' CLASS A CEMENT PLUG
@ ≈ 3500' AS A SAFETY PLUG.

gwm 9/15/17

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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 Gayne J Knitowski Date 8/15/2017

09/15/2017

Plugging Work Order for Permit 47-061-00367**CNX Gas – Miller #7145****TD – 7814'****Elevation- 1875'****Original Drill Date 3/21/1978**

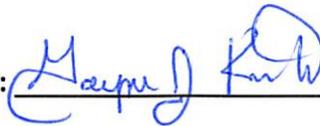
1. Check wellhead valves, install control head/equipment as necessary.
2. Circulate well with 6% gel via tubing, well is reported to have 1-1/2" tubing installed.
3. Remove 1-1/2" tubing
4. TIH with 2 3/8" Workstring
5. Pump Class A Cement Plug from TD to 4 1/2" TOC (4 1/2" TOC est. @ 6400')
6. Verify TOC
7. RIH Jet Cut/Collar Bust 4 1/2" Casing above Bottom Hole Plug
8. Attempt to pull 4 1/2" Casing
 - a. If unable to pull run bond long/free point and cut where free
9. TIH with 2 3/8" Workstring to 2000' and set Class A Cement Plug from 2000' to surface
 - a. This plug will cover Elevation @ 1875'
10. Install monument with Well Name, API#, & Company Name. Monument must extend 30" min. above ground level and be 6" in diameter.

• SET PLUG ACROSS CASING CUT.
 • SET 200' SAFETY PLUG @ \approx 3500'.
 gmm

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:

8/18/2017

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6100367P

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD 13

NOV 2 1978
OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Gladesville

Permit No. MON-367
47-061

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Consolidated Gas Supply Corp.
Address 445 W. Main St., Clarksburg, WV
Farm M. Miolar Acres 106
Location (waters) Laurel Run
Well No. 12478 Elev. 1875'
District Clinton County Monongalia
The surface of tract is owned in fee by _____
P. L. W. Coal, Inc.
Address Box 2072, Westover, WV
Mineral rights are owned by Marvin Miller
Address Rt. 1, Box 89, Independence, WV
Drilling Commenced March 2, 1978
Drilling Completed March 21, 1978
Initial open flow NT cu. ft. _____ bbls.
Final production 2316M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 3200# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	13"	35	CTS
9 5/8		1195'	CTS 450 SKS
8 5/8			
7			
5 1/2			
4 1/2		7752'	218 SKS
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well fractured in Chert with 120,000# sand, 1200 bbls. of water 5% HCL, 2000 gals. 20% HCL & 8000 gals. 31.45% HCL. Perforations: 7496-7506' with 10 holes, 7512-7521' with 9 holes & 7544-7557' with 13 holes.

Coal was encountered at 72' Feet 48" Inches
Fresh water 67' 197' Feet Salt Water None Feet
Producing Sand Chert Depth See perforations.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	72	Water	67' Damp
Coal			72	76		
Sand			76	560	Water	197' Wet
Red Rock			560	590		
Sand			590	646		
Lime			646	657		
Red Rock			657	676		
Lime & Sand			676	686		
Red Rock			686	706		
Shale & Sand			706	960		
Red Rock			960	979		
Sand & Shale			979	1519		
Red Rock			1519	1534		
Shale & Sand			1534	1690		
Red Rock			1690	1820		
Shale			1820	1868		
Red Rock			1868	1880		
Sand & Shale			1880	3580		
Shale			3580	7088		
Lime			7088	7108		
Shale			7108	7465		
Lime			7465	7484		
Chert			7484	7675		
Sand			7675	7814	T.D.	

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KBM 15' above G.L.

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet /3	Bottom Feet	Oil, Gas or Water	* Remarks
Gamma Ray Log Tops						
Tully			7099	7183		
Onondaga			7480	7493		
Oriskany			7682	7756		
Helderberg			7756	- -		
Total Depth				7799		
Consolidated Gas Supply Corp. 445 West Main Street Clarksburg, West Virginia						

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09/15/2017

Date November 15, 19 78

APPROVED Consolidated Gas Supply Corp. Owner

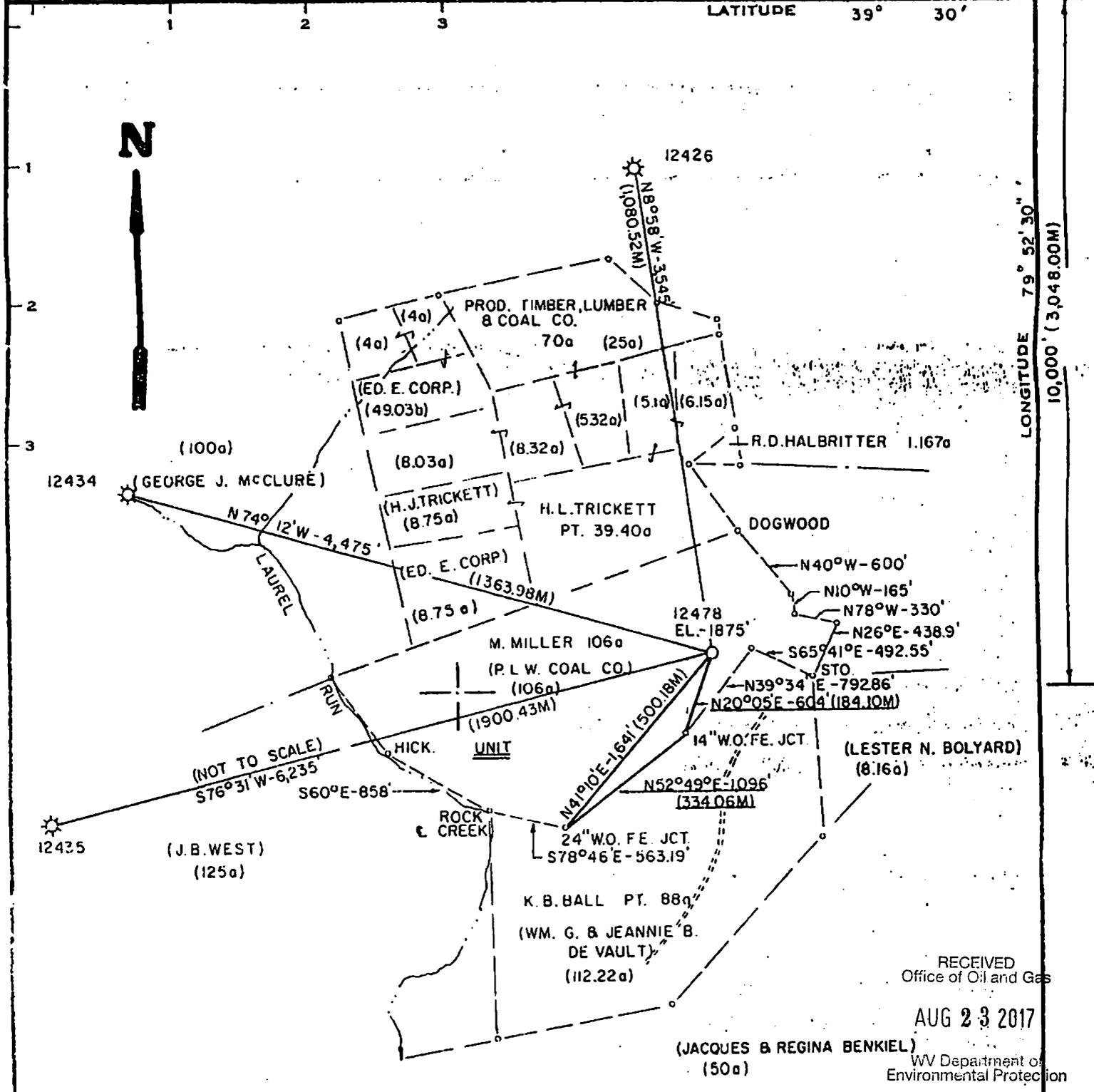
By [Signature] Manager of Prod.

6100367A

8,450' (2,575.56M)

LATITUDE 39° 30'

LONGITUDE 79° 52' 30"
10,000' (3,048.00M)



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Minimum Error of Closure 1' IN 200'
 Source of Elevation B.M. ROAD FORK ELEV. 1789' GLADESVILLE 7 1/2' TOPO.
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

New Location
 Drill Deeper
 Abandonment

MAP SHEET 1032 B-5 F.B. 1898 PG. 1-3

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.V.
 Farm M. MILLER (P.L.W. COAL INC.)
 Tract Acres 106 Lease No. 128826
 Well (Farm) No. Serial No. 12478
 Elevation (Spirit Level) 1875'
 Quadrangle GLADESVILLE 7 1/2'
 County MONONGALIA District CLINTON
 Engineer Daniel M Radcliffe
 Engineer's Registration No. LLS 74
 File No. Drawing No.
 Date 2-7-78 Scale 1" = 1,000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. 061-367 09/15/2017

+ Denotes location of well on United States Topographic Maps, scale 1 to 24000 latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.

00-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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MAR - 6 1978

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. MON-367

Oil or Gas Well _____
(KIND)

Company <u>Consolidated Gas Supply Co. Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Clarksburg, West Virginia</u>	Size			Kind of packer
Farm <u>Murkin-Millet</u>	16			
Well No. <u>#12478</u>	13	<u>35' P.T.S. 35 SKI. CEMENT</u>		Size of
District <u>CLINTON</u> County <u>MONROG</u>	10			Depth set
Drilling commenced _____	8 3/4			
Drilling completed _____ Total depth <u>100'</u>	6 3/16			Perf. top
Date shot _____ Depth of shot _____	3			Perf. bottom
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. bottom
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY _____			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>72-76'</u> FEET _____ INCHES			
Fresh water <u>67' DIAP</u> feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Melvin England, John Nestor, Daniel Jones

Remarks:

Contractor - Ritz Resources - Rotary - Rig #8

DATE March 3, 1978

William J. Brown - H 502
DISTRICT WELL INSPECTOR

6100367P

00-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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MAR 10 1978

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. MON-367

Oil or Gas Well
(KIND)

Company Consolidated Gas Supply Co. P.
 Address CHARLESTON, West Virginia
 Farm MARVIN-MILLET
 Well No. # 12478
 District CLINTON County Marshall
 Drilling commenced _____
 Drilling completed _____ Total depth 1200'
 Date shot W.D.C. 18-hts- Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 67'-192' wet - feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13			
10 <u>9 5/8</u>	<u>1175 FT.</u>	<u>350 SKS. 60/50-POZ</u>	<u>100 SKS. EDWARDS</u>
8 1/4			<u>TOTAL 450 SKS. CEMENT.</u>
0%			<u>CRIMPER Packer Set 190'</u>
5 3/16			<u>H. CENTEL LIZKS -</u>
			<u>3 Started. 945 P.M. - Plug Annulor 1030 P.M.</u>
			<u>Approved by this Inspector</u>
Liners Used			Perf. top _____ Perf. bottom _____

CASING CEMENTED	SIZE	No. FT.	Date
NAME OF SERVICE COMPANY			
COAL WAS ENCOUNTERED AT <u>78-76'</u> FEET _____ INCHES			
FEET	INCHES	FEET	INCHES
FEET	INCHES	FEET	INCHES

Drillers' Names Melvin England, John Nestor, Daniel Jenkins

Remarks: Cemented by - Haliburton - Engineer - Mr. Stauffert -
Raymond Floberry - CONSOL. GAS - Co - Supervisor
Contractor. Ray - Resources - Rotary - Rig #8 -

March 8, 1978
DATE

William Glasser - # 502
DISTRICT WELL INSPECTOR

09/15/2017

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S WELL REPORT

Permit No. MAN-367

Oil or Gas Well
(Kind)

Company Consolidated-Gas Supply Co
 Address Clarksburg, West Virginia
 Farm Marrin-Nikkel
 Well No H 12478
 District Clayton County Monongalia
 Drilling commenced _____
 Drilling completed _____ Total depth 2814'
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Oper flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
12			
10			Size of
8 1/2			
6 1/2			Depth set
5 9/16			
<u>2 1/2 - 2252' cemented</u>			<u>2 1/2' S.S. cement</u>
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks:

Contractor - Ray Resources - Rip #8

March 21, 1978
DATE

William J. Shinn - H 502
DISTRICT WELL INSPECTOR

Drillers' Names _____

Remarks:

Consolidated-Gas-Supply-Engineer-Mike Galos-
Fractured by - distribution

April 24, 1978
DATE

William J. Shinn - H 502
DISTRICT WELL INSPECTOR

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
7145 _____

3) API Well No.: 47 - 061 - 00367

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>Howard J. and Bonnie J. Trickett</u>	Name <u>N/A</u>
Address <u>2699 Pontius Road</u>	Address _____
<u>Hartville, OH 44632-9222</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Howard J. and Bonnie J. Trickett</u>
_____	Address <u>2699 Pontius Road</u>
_____	<u>Hartville, OH 44632-9222</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Gayne J Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 108</u>	Name <u>N/A</u>
<u>Gormanian WV 26720</u>	Address _____
Telephone <u>304-546-8171</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 Consol Gas Company
 By: Erika Whetstone *Erika J Whetstone*
 Its: Permitting Supervisor
 Address 1000 Consol Energy Drive
Canonsburg, PA 15370
 Telephone 724-485-4035

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
 Lori L. Walker, Notary Public
 Richhill Twp., Greene County
 My Commission Expires Feb. 23, 2019
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Subscribed and sworn before me this 14th day of August 2017
Lori L Walker Notary Public
 My Commission Expires February 23, 2019

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 Office of Oil and Gas
 AUG 23 2017
 WV Department of
 Environmental Protection

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.

09/15/2017

6100367P

WW-9
(5/16)

API Number 47 - 061 - 00367
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) Headwaters Three Fork Creek Quadrangle Gladesville

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

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

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.

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 Erika Whetstone

Company Official (Typed Name) Erika Whetstone

Company Official Title Permitting Supervisor

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Office of Oil and Gas

AUG 23 2017

WV Department of
Environmental Protection

Subscribed and sworn before me this 14th day of August, 2017

Lori L. Walker Notary Public

My commission expires February 23, 2019

COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Lori L. Walker, Notary Public
 Richhill Twp., Greene County
 My Commission Expires Feb. 23, 2019
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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 _____

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	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Landino Clover	5	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: *Maureen J. Smith*

Comments: *Bellevue site ASOP*

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Office of Oil and Gas
AUG 23 2017
WV Department of
Environmental Protection

Title: *Inspector* Date: *8/18/2017*

Field Reviewed? () Yes () No

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

ENTRANCE
LAT: 39.476078°
LONG: 79.896303°

GLADESVILLE ROAD
SPEED LIMIT 40
(CR 33)

MILLER 7145 WELL
LAT: 39.472581°
LONG: 79.905189°

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Office of Oil and Gas
AUG 23 2017
WV Department of
Environmental Protection

DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY

200 HALLAM ROAD

WASHINGTON, PA 15301

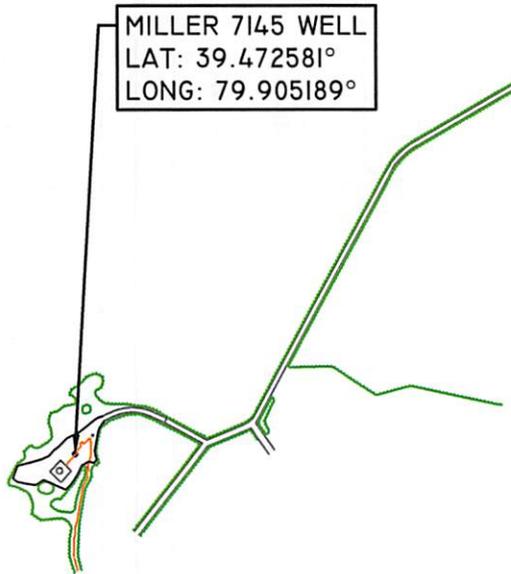
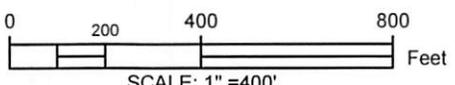
WATERSHED: HEADWATERS THREE FORK CREEK

DISTRICT: CLINTON COUNTY: MONONGALIA

QUADRANGLE: GLADESVILLE WELL NO: MILLER 7145

DATE: 06/06/2017 PAGE 1 OF 4

09/15/2017



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: 40 MPH
 REQUIRED DISTANCE - 354.0'
 MEASURE DISTANCE - 975.0'

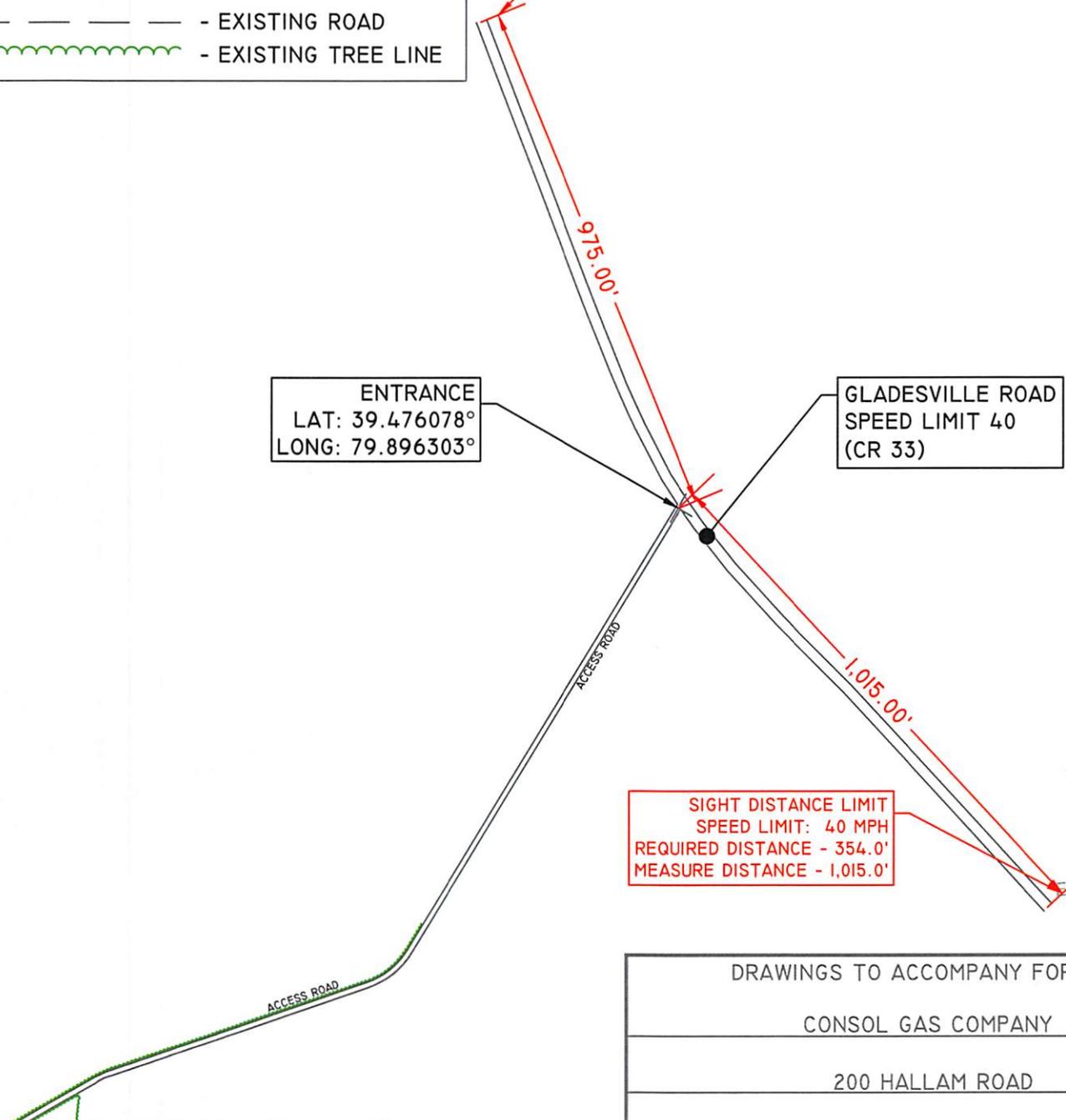
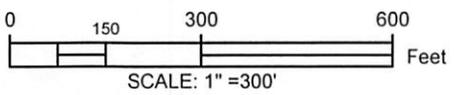
ENTRANCE
 LAT: 39.476078°
 LONG: 79.896303°

GLADESVILLE ROAD
 SPEED LIMIT 40
 (CR 33)

SIGHT DISTANCE LIMIT
 SPEED LIMIT: 40 MPH
 REQUIRED DISTANCE - 354.0'
 MEASURE DISTANCE - 1,015.0'

RECEIVED
 Office of Oil and Gas
 AUG 23 2017
 WV Department of Environmental Protection

DRAWINGS TO ACCOMPANY FORM WW-9
CONSOL GAS COMPANY
200 HALLAM ROAD
WASHINGTON, PA 15301
WATERSHED: <u>HEADWATERS THREE FORK CREEK</u>
DISTRICT: <u>CLINTON</u> COUNTY: <u>MONONGALIA</u>
QUADRANGLE: <u>GLADESVILLE</u> WELL NO: <u>MILLER 7145</u>
DATE: <u>06/06/2017</u> PAGE <u>2</u> OF <u>4</u>
09/15/2017



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

MILLER 7145 WELL
 LAT: 39.472581°
 LONG: 79.905189°

BRINE TANK

BRINE TANK CONTAINMENT

DEHY

GATE

METER

EXG PIPELINE

ACCESS ROAD

RECEIVED
 Office of Oil and Gas

AUG 23 2017

WV Department of
 Environmental Protection

DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY

200 HALLAM ROAD

WASHINGTON, PA 15301

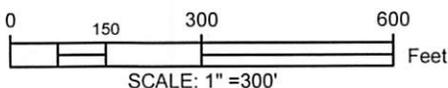
WATERSHED: HEADWATERS THREE FORK CREEK

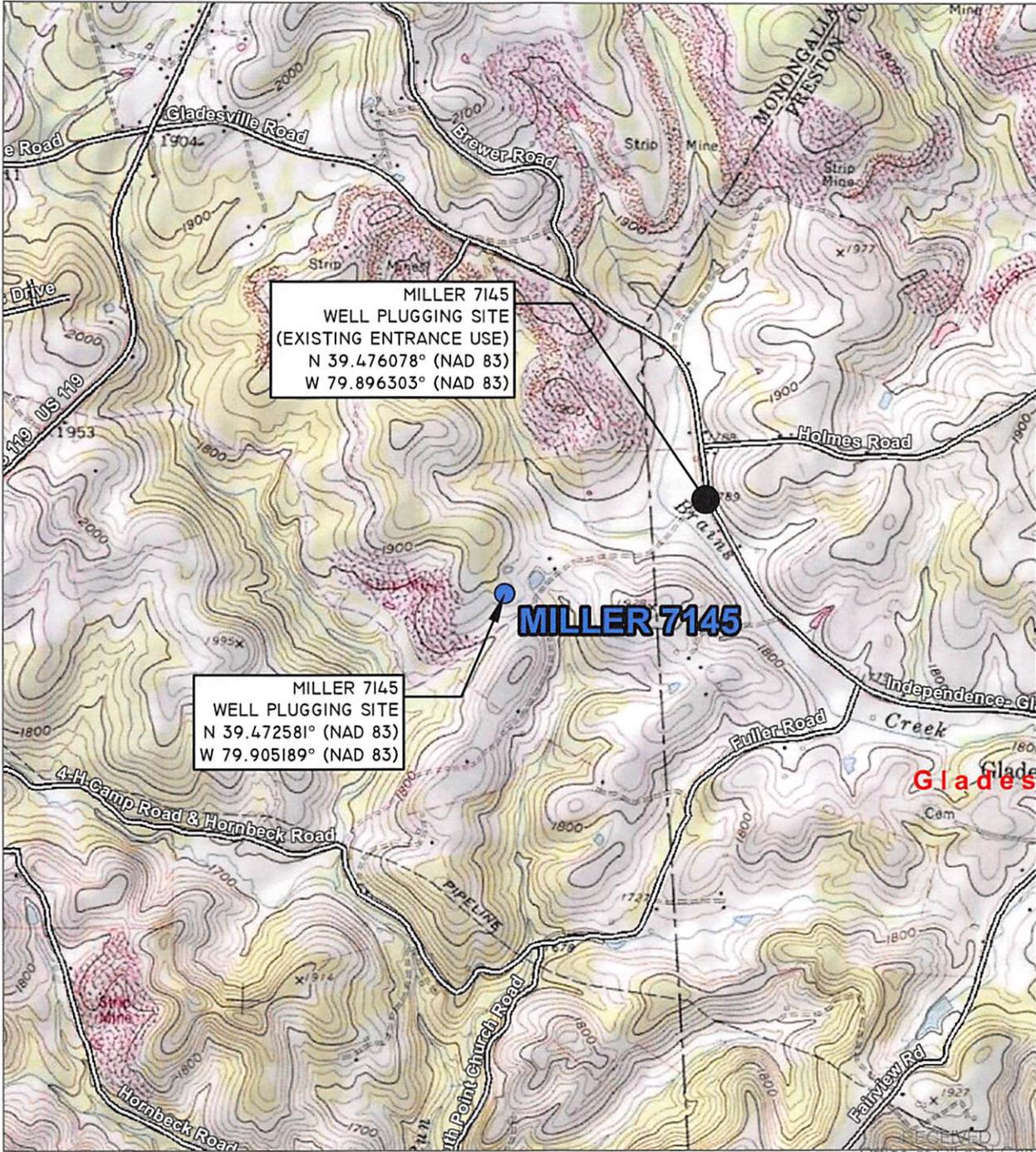
DISTRICT: CLINTON COUNTY: MONONGALIA

QUADRANGLE: GLADESVILLE WELL NO: MILLER 7145

DATE: 06/06/2017 PAGE 3 OF 4

09/15/2017





MILLER 7145
WELL PLUGGING SITE
(EXISTING ENTRANCE USE)
N 39.476078° (NAD 83)
W 79.896303° (NAD 83)

MILLER 7145
WELL PLUGGING SITE
N 39.472581° (NAD 83)
W 79.905189° (NAD 83)

MILLER 7145

Office of Oil and Gas

LOCATION MAP
GLADESVILLE, WV 7.5M USGS QUADRANGLE
SCALE: 1"=2000'

AUG 23 2017



WV Department of
Environmental Protection

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
MILLER 7145 GAS WELL
CLINTON DISTRICT
MONONGALIA COUNTY, WV
CONSOL GAS COMPANY
200 HALLAM ROAD
WASHINGTON, PA 15301

DRAWN BY: LLF
CHECKED BY: WPF
DATE: 06/06/2017
SCALE: 1"=2000'
WATERSHED: HEADWATERS THREE FORK CREEK
PAGE <u>4</u> OF <u>4</u>

