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west virginia department of environmental protection

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

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

Wednesday, August 23, 2017  
WELL WORK PERMIT  
Vertical / Plugging

CONSOL GAS COMPANY  
1000 CONSOL ENERGY DRIVE

CANNONSBURG, PA 163176506

Re: Permit approval for 11414  
47-061-00327-00-00

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: 11414  
Farm Name: CREEEK, DECKERS  
U.S. WELL NUMBER: 47-061-00327-00-00  
Vertical / Plugging  
Date Issued: 8/23/2017

Promoting a healthy environment.

08/25/2017

## 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.

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### 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.

1) Date \_\_\_\_\_, 2017  
2) Operator's  
Well No. 7113  
3) API Well No. 47-061 - 00327

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 2026.1 Watershed Outlet Deckers Creek  
District Morgan County Monongalia Quadrangle Masontown

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

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

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Environmental Protection

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 7/12/2017

**Deckers Creek #7113**

Laurel Run, Monongalia County, WV

Original Completion: 10/19/1971

API# 47-061-00327

Elevation = 2027'

**Procedure:**

1. Load Hole/Kill Well, Pump 6% gel if necessary
2. RIH with Bond Tool to verify TD, log out to verify 4 ½" TOC (4 1/2" Casing Float @ 7970')
3. TIH with 2 3/8" Workstring and load the well with 6% Gel
4. Pump Class A Cement Plug from TD to 4 ½" TOC (4 ½" TOC est. @ 6370')
5. Verify TOC
6. RIH Jet Cut/Collar Bust 4 ½" Casing above Bottom Hole Plug
7. Attempt to pull 4 ½" Casing
  - a. If unable to pull run bond long/free point and cut where free
8. TIH with 2 3/8" Workstring to 2500' and set Class A Cement Plug from 2500' to surface
9. Install monument with Well Name, API#, & Company Name. Monument must extend 30" min. above ground level and be 6" in diameter.

SET 200' CLASS A CEMENT  
PLUG ACROSS CASING CUT.

JWA

10. Reclaim plugged well site ASAP

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:

*Wayne J. Kintowski*

Date: 7/12/2017

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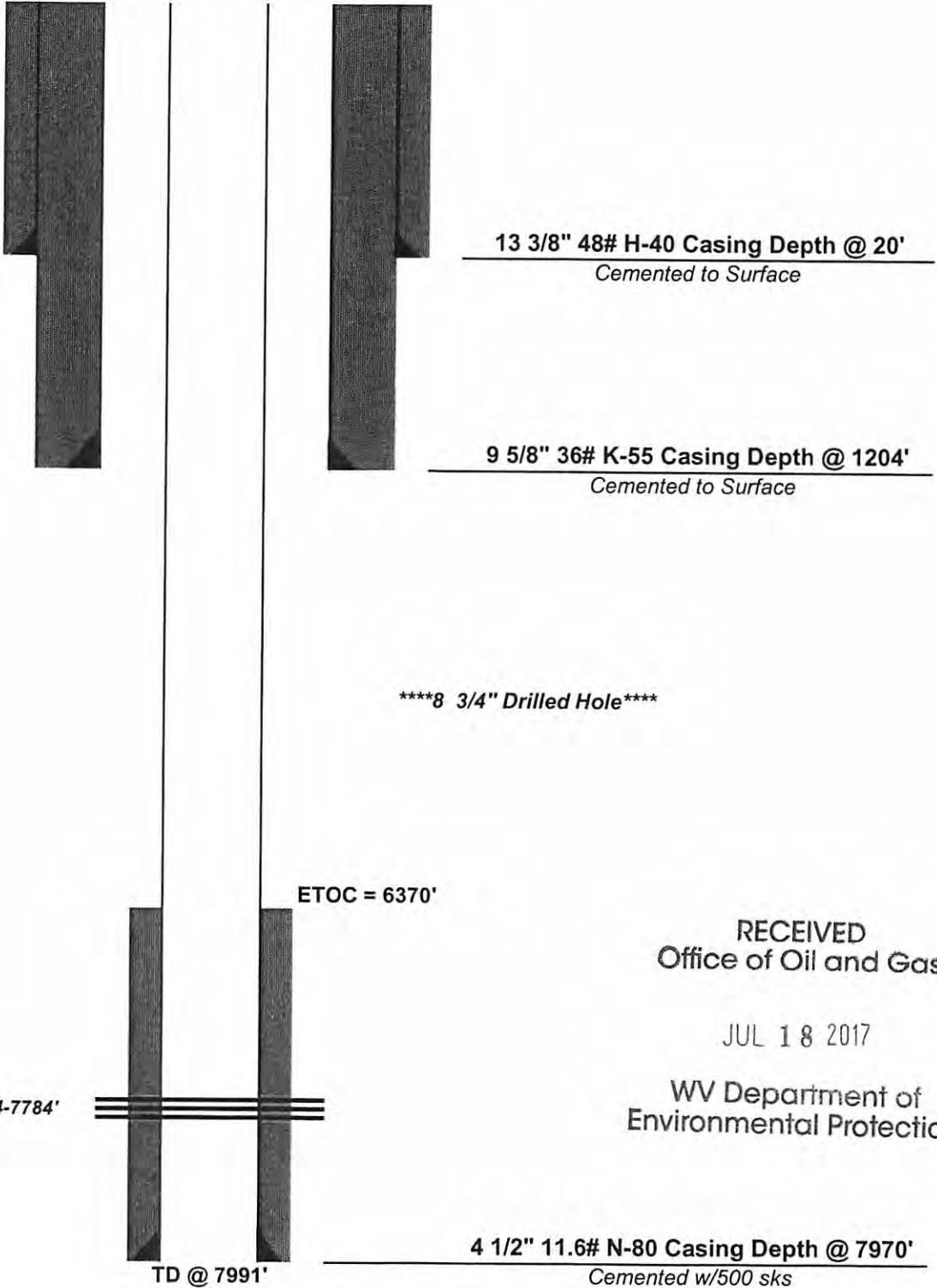
**Deckers Creek #7113**

Decker's Creek, Monongalia County WV

Original Completion : 10/19/1971

API # 47-061-00327

Elevation = 2027'



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Form OG-10



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

OIL & GAS DIVISION  
DEPT. OF MINES

Spudder   
Cable Tools   
Storage

Quadrangle MORGANTOWN

Permit No. MON-327

WELL RECORD

Oil or Gas Well Gas

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va. 26301  
Farm Decker's Creek Sand Co. Acres. 151  
Location (waters) .....  
Well No. 11414 Elev. 2027'  
District Morgan County Monongalia  
The surface of tract is owned in fee by .....  
Mineral rights are owned by .....  
Drilling commenced 10-02-71  
Drilling completed 10-19-71  
Date Shot Not Shot From ..... To .....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20	20	
10			Size of
<del>9</del> 5/8"	1204	1204	
6 3/4			Depth set
5 3/16			
4 1/2	7970	7970	
3			Perf. top 7684
2			Perf. bottom 7784
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in ..... Inch  
/10ths Merc. in ..... Inch  
Volume Show (Natural) Cu. Ft.  
Rock Pressure 1475 lbs. 1 hrs.  
Oil None bbls. 1st 24 hrs.  
WELL ACIDIZED (DETAILS) No  
WELL FRACTURED (DETAILS) 11-03-71 with 50,000# sand, 1500# walnut hulls, 80,000 Gal. 31% acid, 2000 gal. 28% acid  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 4,924,000 Cubic Feet  
ROCK PRESSURE AFTER TREATMENT 3350# HOURS 7 days  
Fresh Water 130' Feet None Feet  
Producing Sand Chert Depth 7684' to 7784'

Attach copy of cementing record. 9" & 13" to surface  
CASING CEMENTED SIZE No. Ft. Date  
Amount of cement used (bags) 4 1/2" with 500 bags  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT None FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock & sand			0	275	water	130'	
Lime & Red Rock			275	535			
Big Lime			535	640			
Sand & Shale			640	1685			
Sand & Red Rock			1685	7160			
Tully			7160	7235			
Shale			7235	7265			
Onondaga			7265	7690	gas	7684-7784	
Chert			7690	7875			
Oriskany			7875	7975			
Lime			7975	7991			
Total Depth				7991'			

All measurements taken from KB 13' above GL

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STATE OF WEST VIRGINIA  
DEPARTMENT - OIL & GAS CONSERVATION COMM

W.VA. OIL & GAS WELLS  
1976 MASTER LISTING

REPORT NO. CCA030P1 PAGE 0368  
CURRENT DATE - 03/31/81  
REPORT DATE - 03/31/81

API NUMBER - 47-061-0327-0  
STATUS - 00  
TYPE WELL - GAS  
OPERATOR - CONSOLIDATED GAS ID - 189  
FARM - DECKERS CREEK SAND CO  
COUNTY - MONONGALIA  
FIELD - SOUTH BURNS CHA FIELD CODE - 313  
DISTRICT - MORGAN  
QUADRANGLE - MASON TOWN  
LOCATION - W 3485 FEET DECIMAL - 79.84572  
LONGITUDE - 79 DEGREES  
50 MINUTES - SEC  
LATITUDE - S 6758 FEET DECIMAL - 39.56479  
39 DEGREES  
35 MINUTES - SEC

\*\*\* COMPLETION (CSG) DATA \*\*\*  
LENGTH DIAMETER  
(FEET) (INCHES)  
20 13 3/8  
1,204 9 5/8  
7,970 4 1/2

\*\*\* GEOLOGICAL DATA \*\*\*  
PAY FORMATION - 463-HUNTERSVILLE CHERT  
T. D. FEET - 7,991 000-

ELEVATION - 2027.00  
COMPLETED - 100071 ISSUED -  
DEEPEMED -  
REWORKED -  
PLUGGED -  
FRACTURED -  
TYPE FRACTURE - UNKNOWN  
INIT POTENTIAL - 4924 MCFD  
ROCK PRESS - 03350 PSIG IN 168 HRS

DEPTH IN FEET STRAITIGRAPHIC UNIT  
535 - 640 345-BIG LIME  
7,160 - 7,235 445-TULLY  
7,690 - 7,875 463-HUNTERSVILLE CHERT  
7,875 - 7,975 475-ORISKANY  
7,975 - 485-HELDERBERG  
000-  
000-  
000-  
000-  
000-  
000-

1976 PRODUCTION

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
OIL (**)												
GAS (***)	1,926	1,471	1,814	1,589	2,082	3,659	962	1,942	1,950	1,669	1,435	1,874
R.P. PSIG												

ACCUMULATIVE PRODUCTION HISTORY

	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965
OIL (**)											
GAS (***)	426,505	202,066	172,648	117,178							
R.P. PSIG											

(\*) = BBL5  
(\*\*) = MCF

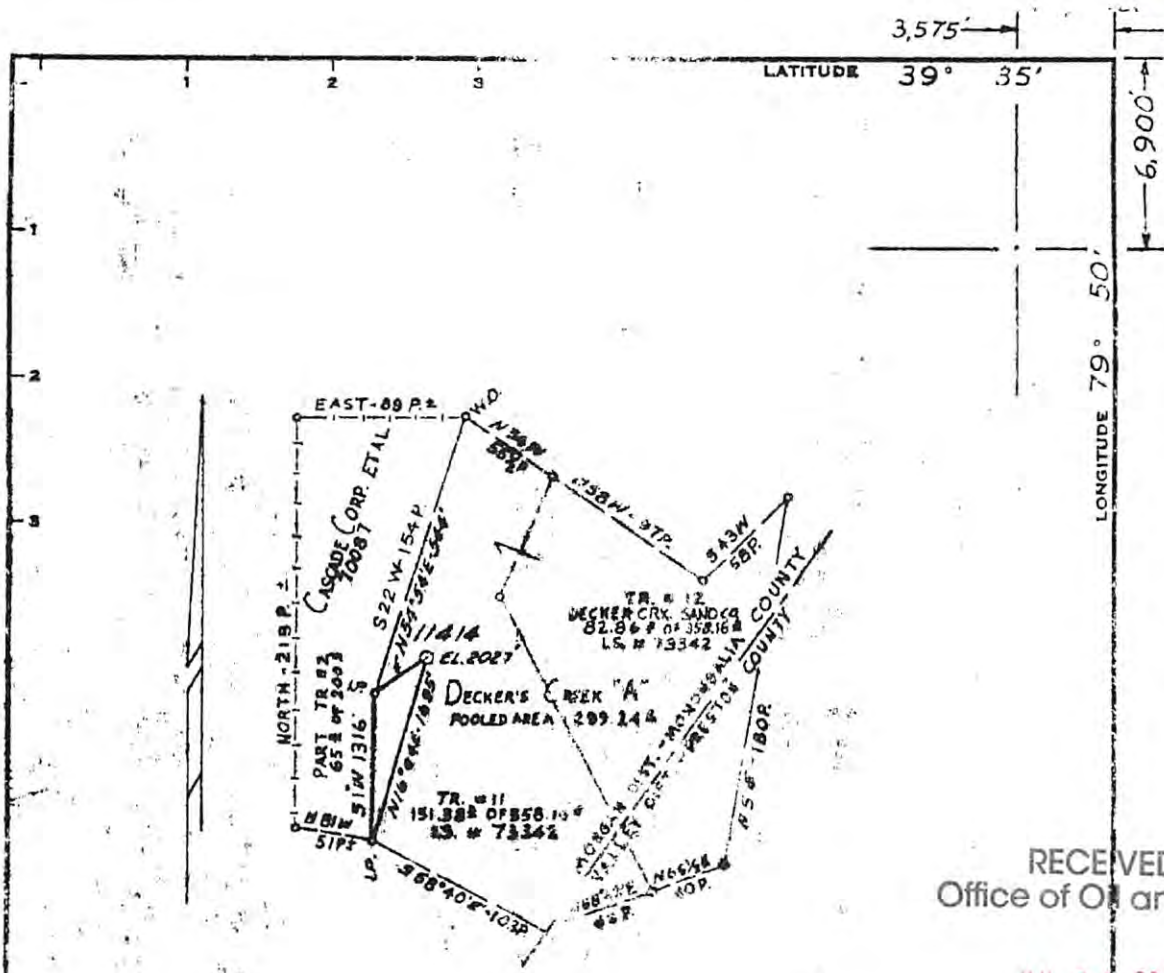
OIL (\*) - GAS (\*\*\*) - 14,594

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\*\*\*\*\*  
\* 47-061-0327 \*  
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Minimum Error of Closure 1 in 200'  
 Source of Elevation CONSOLIDATED GAS SUPPLY CORP WELL  
# 10963 ELEVATION 2098.3'  
 "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 933 D-2  
 UNIT POOLED AREA 358.16 ac  
 F.B. 1600 Pgs 20-25

Company CONSOLIDATED GAS SUPPLY CORP.  
 Address CLARKSBURG, W.VA  
 Farm DECKER'S CREEK SAND CO.  
 Tract \_\_\_\_\_ Acres 151.38 Lease No. 73342  
 Well (Farm) No. \_\_\_\_\_ Serial No. 11414  
 Elevation (Spirit Level) 2027'  
 Quadrangle MORGANTOWN S.C.  
 County MONONGALIA District MORGAN  
 Engineer Jackson M. Janura  
 Engineer's Registration No. 2397  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date AUGUST 26, 1971 Scale 1"=80' POLES

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. MON-327  
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.



1) Date: \_\_\_\_\_  
2) Operator's Well Number  
7113  
3) API Well No.: 47 - 061 - 00327

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

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>GREER STEEL COMPANY</u> Address <u>PO BOX 1900</u> <u>MORGANTOWN WV 26507-1900</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p> <p>6) Inspector <u>Gayne J Knitowski</u> Address <u>P.O. Box 108</u> <u>Gormanian WV 26720</u> Telephone <u>304-546-8171</u></p>	<p>5) (a) Coal Operator</p> <p>Name <u>N/A</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Greer Industries, Inc.</u> Address <u>PO Box 1900</u> <u>Morgantown, WV 26507-1900</u></p> <p>Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>N/A</u> Address _____</p>	<p>RECEIVED Office of Oil and Gas JUL 13 2017 WV Department of Environmental Protection</p>
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**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  
 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

Subscribed and sworn before me this 7<sup>th</sup> day of July 2017  
Lori L. Walker Notary Public  
 My Commission Expires February 23, 2019



**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).

08/25/2017

WW-9  
(5/16)

API Number 47 - 061 - 00327  
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) Outlet Deckers Creek Quadrangle Masontown

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. \_\_\_\_\_

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Additives to be used in drilling medium? na

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

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

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-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 J Whetstone

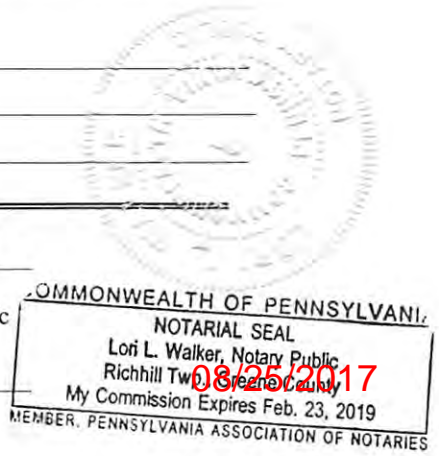
Company Official (Typed Name) Erika Whetstone

Company Official Title Permitting Supervisor

Subscribed and sworn before me this 7th day of July, 20 17

Lori L Walker  
Notary Public

My commission expires February 23, 2019



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: Hayne J. Kintaw

Comments: Reclaim SITE ASAP.

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Title: Inspector Date: 7/12/2017

Field Reviewed? ( X ) Yes ( ) No

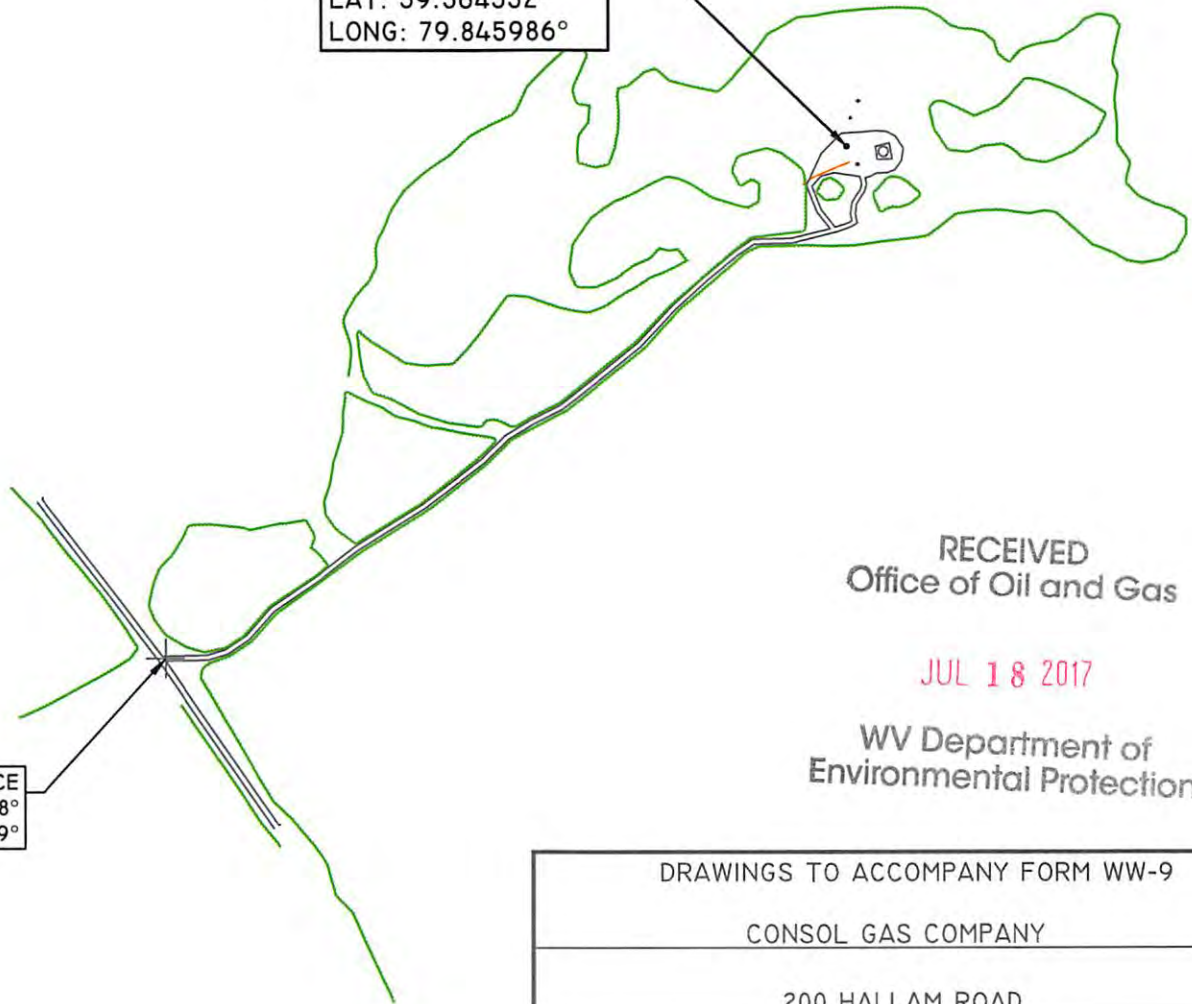
THIS PLAN IS FOR THE PLUGGING OF AN EXISTING WELL. ENTIRE LENGTH OF ACCESS IS EXISTING WELL ROAD. ROCK WILL BE USED WHERE NECESSARY.

**LEGEND**

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

DECKERS CREEK 7113 WELL  
 LAT: 39.564352°  
 LONG: 79.845986°

ENTRANCE  
 LAT: 39.559528°  
 LONG: 79.846859°



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DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY

200 HALLAM ROAD

WASHINGTON, PA 15301

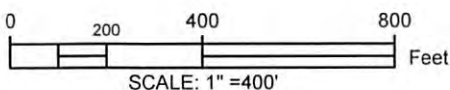
WATERSHED: OUTLET DECKERS CREEK

DISTRICT: MORGAN COUNTY: MONONGALIA

QUADRANGLE: MASONTOWN WELL NO: DECKERS CREEK 7113

DATE: 06/13/2017 PAGE 1 OF 4

08/25/2017



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

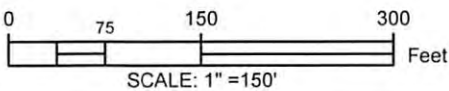
SIGHT DISTANCE LIMIT  
SPEED LIMIT: 25 MPH  
REQUIRED DISTANCE - 173.0'  
MEASURE DISTANCE - 420.0'

SAND BANK ROAD  
SPEED LIMIT 25  
(CR 72/2)

ENTRANCE  
LAT: 39.559528°  
LONG: 79.846859°

SIGHT DISTANCE LIMIT  
SPEED LIMIT: 25 MPH  
REQUIRED DISTANCE - 173.0'  
MEASURE DISTANCE - 419.0'

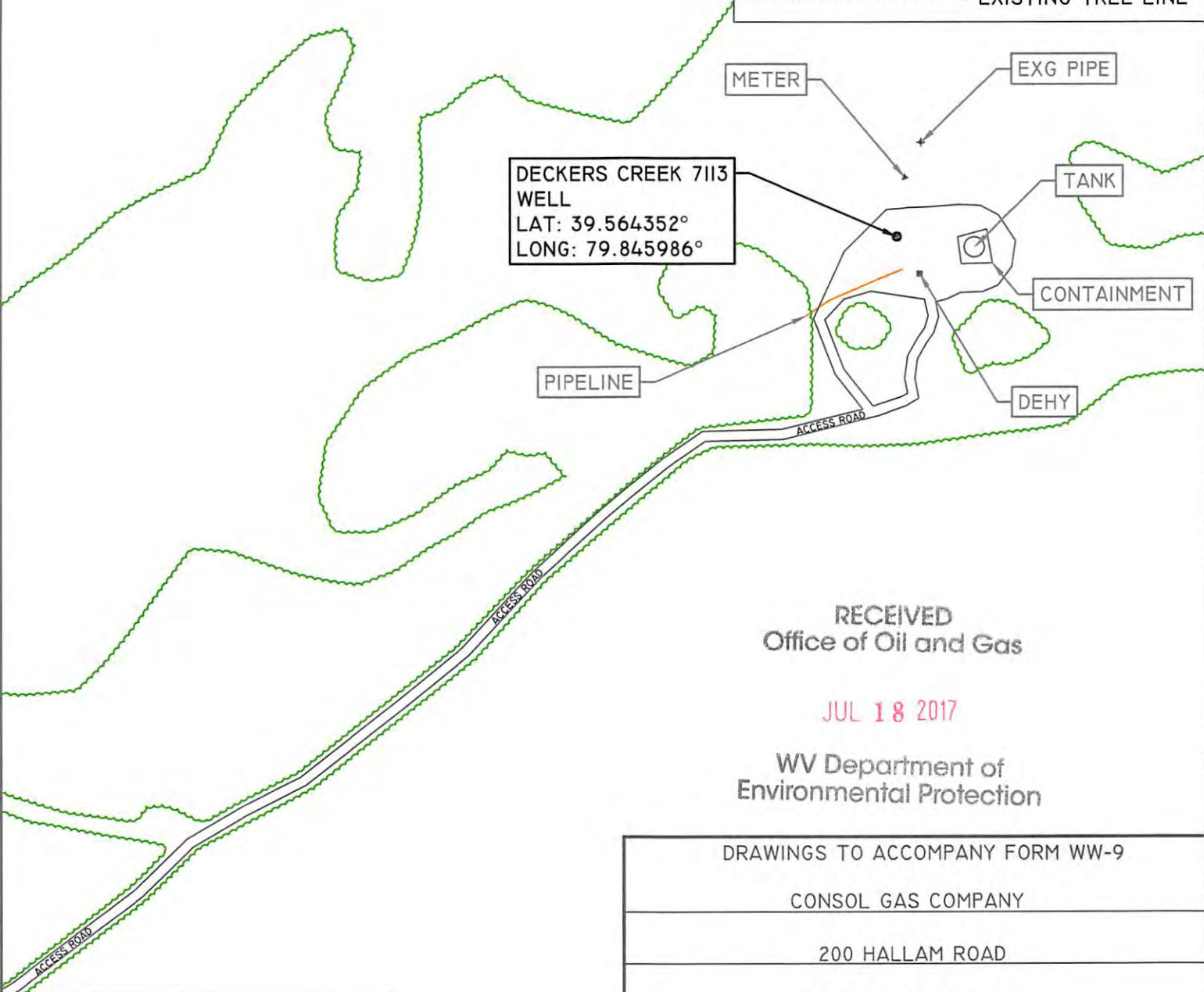
DRAWINGS TO ACCOMPANY FORM WW-9	
CONSOL GAS COMPANY	
200 HALLAM ROAD	
WASHINGTON, PA 15301	
WATERSHED: <u>OUTLET DECKERS CREEK</u>	
DISTRICT: <u>MORGAN</u>	COUNTY: <u>MONONGALIA</u>
QUADRANGLE: <u>MASONTOWN</u>	WELL NO: <u>DECKERS CREEK 7113</u>
DATE: <u>06/13/2017</u>	PAGE <u>2</u> OF <u>4</u>
<b>08/25/2017</b>	



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



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DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY

200 HALLAM ROAD

WASHINGTON, PA 15301

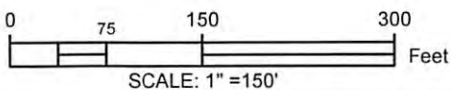
WATERSHED: OUTLET DECKERS CREEK

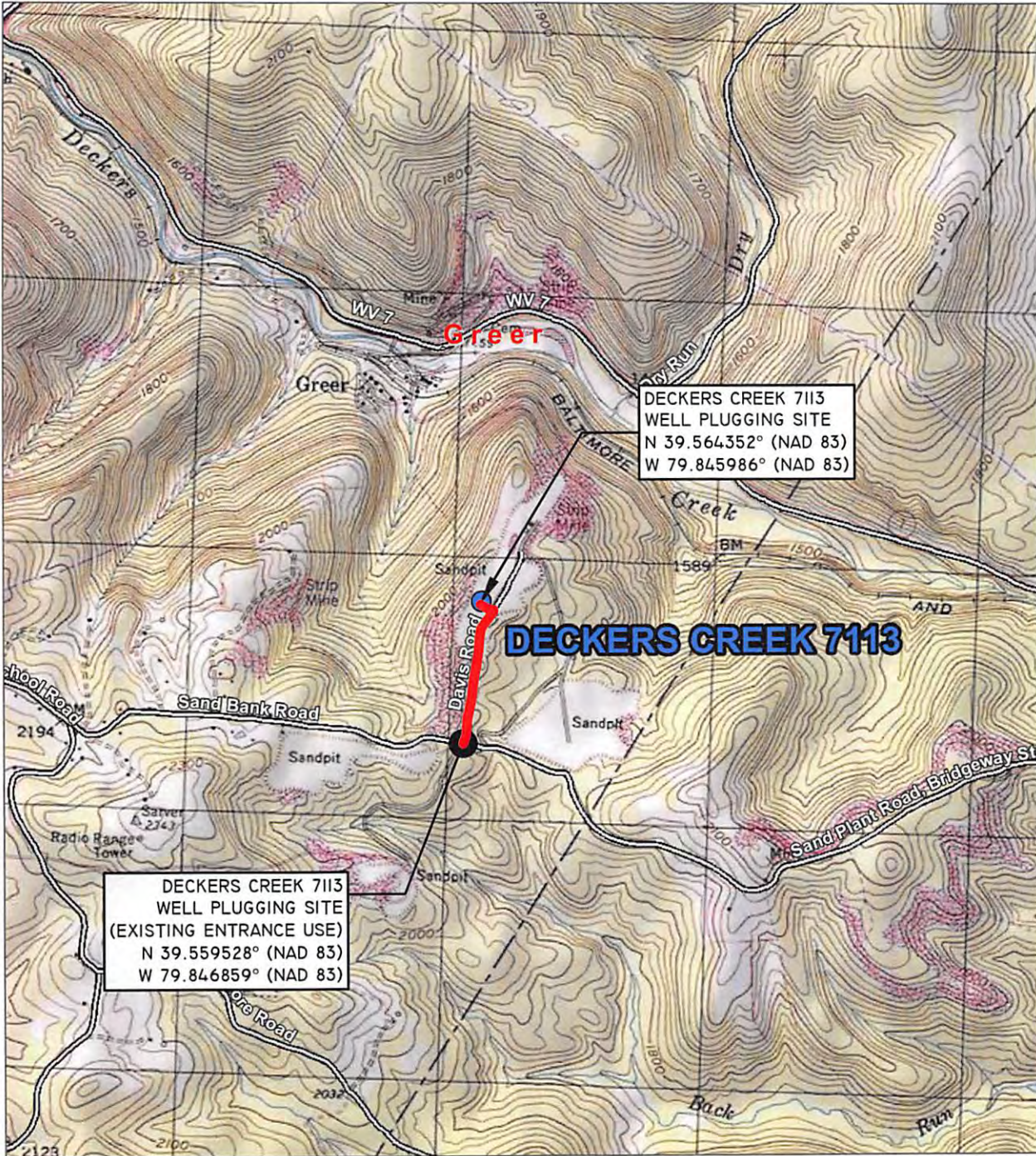
DISTRICT: MORGAN COUNTY: MONONGALIA

QUADRANGLE: MASONTOWN WELL NO: DECKERS CREEK 7113

DATE: 06/13/2017 PAGE 3 OF 4

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



**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  
DECKERS CREEK 7113 GAS WELL  
MORGAN DISTRICT  
MONONGALIA COUNTY, WV  
CONSOL GAS COMPANY  
200 HALLAM ROAD  
WASHINGTON, PA 15301

DRAWN BY: LLF
CHECKED BY: WPF
DATE: 06/13/2017
SCALE: 1"=2000'
WATERSHED: OUTLET DECKERS CREEK
PAGE 4 OF 4



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-061-00327 WELL NO.: 7113

FARM NAME: Deckers Creek

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Monongalia DISTRICT: Morgan

QUADRANGLE: Masontown

SURFACE OWNER: GREER STEEL COMPANY

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4,380,042.290

UTM GPS EASTING: 599,130.705 GPS ELEVATION: 617.555 (2026)

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS x: Post Processed Differential X

Real-Time Differential \_\_\_\_\_

Mapping Grade GPS \_\_\_\_\_: Post Processed Differential \_\_\_\_\_

Real-Time Differential \_\_\_\_\_

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Office of Oil and Gas

JUL 18 2017

WV Department of  
Environmental Protection

- 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.

Erika Whetstone  
Signature

Permitting Supervisor  
Title

7/6/17  
Date