



---

west virginia department of environmental protection

---

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, November 29, 2017  
WELL WORK PERMIT  
Vertical / Plugging

CONSOL GAS COMPANY  
1000 CONSOL ENERGY DRIVE

CANNONSBURG, PA 163176506

Re: Permit approval for 11699  
47-061-00336-00-00

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: 11699  
Farm Name: HARWORTH, ROY  
U.S. WELL NUMBER: 47-061-00336-00-00  
Vertical / Plugging  
Date Issued: 11/29/2017

Promoting a healthy environment.

12/01/2017

## 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.

1) Date \_\_\_\_\_, 2017  
2) Operator's  
Well No. 7121  
3) API Well No. 47-061 - 00336

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 630.436 METERS 2068' Watershed OUTLET DECKERS CREEK  
District Morgan County Monongalia Quadrangle MORGANTOWN SOUTH

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.

SEE OFFSET WELL RECORD FOR API 47-061-01279. IT INDICATES AN ODOOR OF GAS WHILE DRILLING THE SPECKLEY. THEREFORE A CEMENT PLUG WILL NEED TO BE SET ACROSS THE SPECKLEY.

JMM

RECEIVED  
Office of Oil and Gas

OCT 12 2017

WV Department of  
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 10/10/2017

# Deckers Creek #7121

Morgan, Monongalia County, WV

Original Completion: 01/14/1974

API# 47-061-00336

Elevation = 2069'

### Procedure:

1. Load Hole/Kill Well, Pump 6% gel if necessary
2. RIH with Bond Tool to verify TD, log out to verify 4 1/2" TOC ( 4 1/2" Casing @ 8282')
3. TIH with 2 3/8" Workstring and load the well with 6% Gel
4. Pump Class A Cement Plug from TD to 4 1/2" TOC (4 1/2" TOC est. @ 7000')
5. Verify TOC
6. RIH Jet Cut/Collar Bust 4 1/2" Casing above Bottom Hole Plug

7. Attempt to pull 4 1/2" Casing at min. 1/2 times string weight.

a. If unable to pull run bond long/free point and cut where free

SET A 100' CLASS A PLUG ACROSS CASING CUT (50' IN / 50' OUT)

★

7a.

8. TIH with 2 3/8" Workstring to 2600' and set Class A Cement Plug from 2600' to surface

a. This plug will cover elevation at 2069'

9. Install monument with Well Name, API#, & Company Name. Monument must extend 30" min. above ground level and be 6" in diameter.

10. Reclaim 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: Maureen J Knud Date: 10/10/2017

7a. ADD CLASS A CEMENT PLUG FROM 3000' TO 2900'.  
gwm.

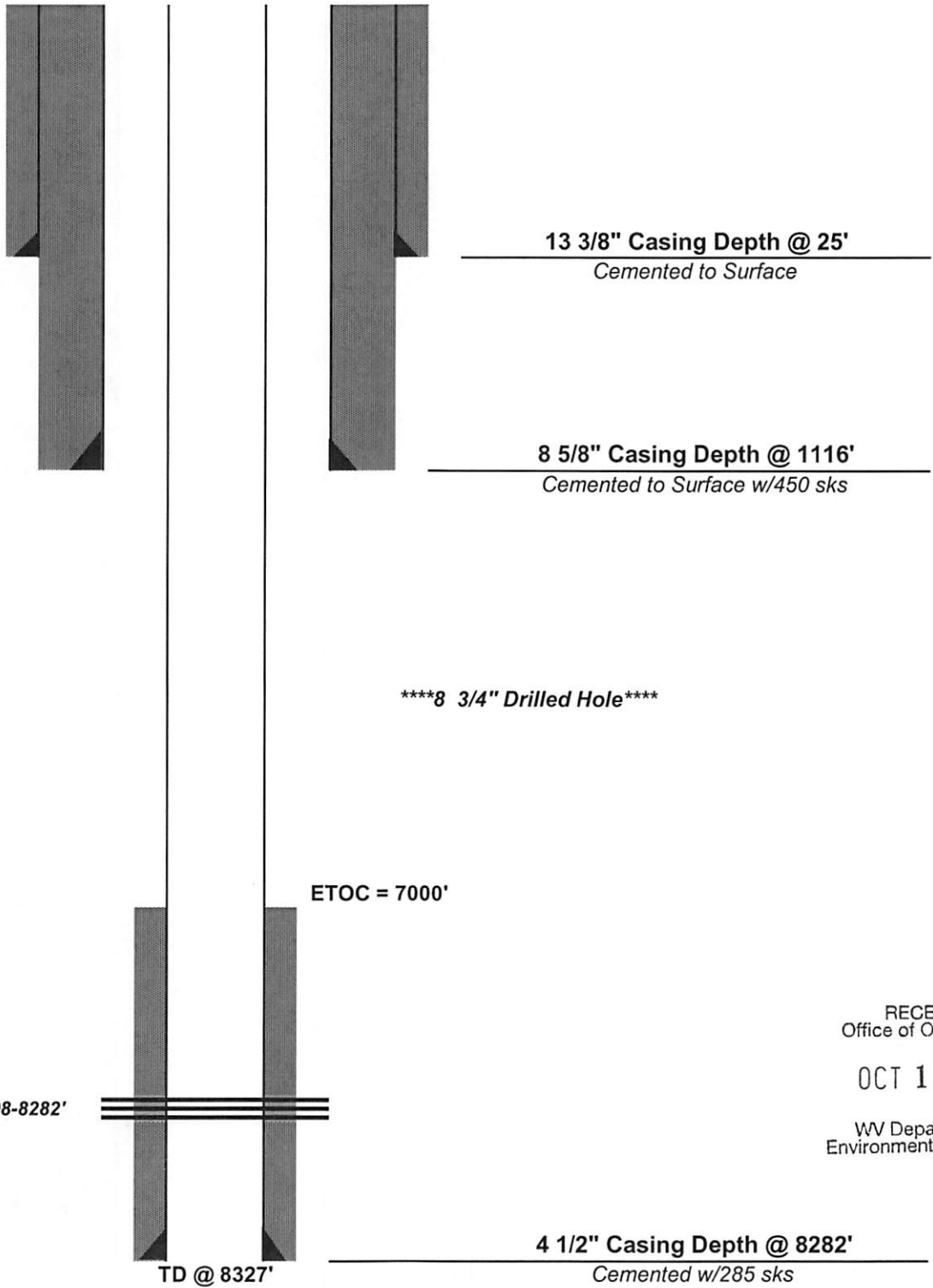
RECEIVED  
Office of Oil and Gas

OCT 12 2017

WV Department of  
Environmental Protection



**Deckers Creek #7121**  
Morgan, Monongalia County WV  
Original Completion : 01/14/1974  
API # 47-061-00336  
Elevation = 2069'



RECEIVED  
Office of Oil and Gas

OCT 12 2017

WV Department of  
Environmental Protection

03-10  
Rev. - 9 71



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

RECEIVED  
OCT 6 1974

DEPARTMENT OF MINES

WELL RECORD

Outcrop: Morgantown  
Fract No. Mon-336

Refuse  Oil  
Cable  Gas   
Recycling  Comb.  
Water Flood  Stamp  
Disposal

Company: Consolidated Gas Supply Corp.  
Address: Clarksburg, WY  
Farm: Dackers Creek Sand Acres 28  
Location (water): Dackers Cr., Monongahela  
Well No. 11699 Elev. 2069  
District: Morgan County: Monongalia  
The surface of tract is owned in fee by:  
Roy Harworth  
Address: Morgantown, WY  
Mineral rights are owned by: Same  
Address: \_\_\_\_\_  
Drilling Commenced: 12-15-73  
Drilling Completed: 1-14-74  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbl.  
Final production 2000 M cu. ft. per day \_\_\_\_\_ bbl.  
Well open 14 days \_\_\_\_\_ hrs. before test 3550# RP.

Casing and Tubing	Used in Drilling	Lost in Well	Cement fill up (Cu. Ft. (5%)
Size 20-16			
Cond. 1300'	25'	25'	To Surface
9 5/8			
8 5/8	1116'	1116'	450 SKS
7			
5 1/2			
4 1/2	8282'	8282'	200 SKS
3			
2			
Liners Used			

Well treatment details:  
Attach copy of remaining record  
Fractured 5-21-74 with 2000 gal. 20% HCL, 1500 bbls. of 5% HCL plus additives, 50,000# (20-40) 1500 hulls, 25 perf. balls.  
Perforations: 8008-14, 8020-31, 8054-66, 8073-76, 8080-90, 40 holes

Coal was encountered at None Feet \_\_\_\_\_ Inches  
Fresh water None Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand Chert Depth 8008-8009

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand			0	300		
Shale			300	398		
Lime & Shale			398	517		
Lime			517	660		
Sand & Shale			660	1015		
Shale			1015	1155		
Shale & Lime			1155	1700		
Sand & Shale			1700	1875		
Lime & Shale			1875	2300		
Sandy Shale			2300	2750		
Lime & Shale			2750	3200		
Shale			3200	3500		
Lime & Shale			3500	5530		
Shale			5530	5701		
Lime & Shale			5701	7075		
Shale			7075	7477		
Tully			7477	7568		
Shale			7568	7884		
Lime & Shale			7884	8009		
Chert			8009	8200		
Oriskany			8200			

RECEIVED  
Office of Oil and Gas  
OCT 12 2017  
WV Department of Environmental Protection

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
<u>Electric Log</u>						
Big Lime			672	914		
Benson			4523	4534		
Tully			7470	7608		
Onondaga			7987	8003		
Chert			8003	8201		
Oriskany			8201			
Total Depth				8327		
K. B. Measurement 17' above G. L.						

RECEIVED  
Office of Oil and Gas  
OCT 12 2017  
WV Department of  
Environmental Protection

Date December 5, 19 74

APPROVED Consolidated Gas Supply Corp. (owner)

By [Signature] Mgr. of Prod.  
(Title)

12/01/2017





STATE OF WEST VIRGINIA  
DEPARTMENT - OIL & GAS CONSERVATION COMM

W.VA. OIL & GAS WELLS  
1976 MASTER LISTING

REPORT NO. CCA030P1 PAGE 0372  
CURRENT DATE - 03/31/81  
REPORT DATE - 03/31/81

API NUMBER - 47-061-0336-0  
STATUS - 00  
TYPE WELL - GAS  
OPERATOR - CONSOLIDATED GAS ID - 189  
FARM - DECKERS CK SAND  
COUNTY - MONONGALIA  
FIELD - UNKNOWN FIELD CODE -  
DISTRICT - BERGAN  
QUADRANGLE - BERGAN SOUTH  
LOCATION - N12S14 FEET DECIMAL - 79.87782  
LONGITUDE - 79 DEGREES 59 MINUTES - SEC  
LATITUDE - S 1036 FEET DECIMAL - 39.58043  
39 DEGREES 35 MINUTES - SEC

WELL COMPLETION (CSG) DATA WNN  
LENGTH DIAMETER  
(FEET) (INCHES)  
25 13 3/8  
8.282 4 1/2

WNN GEOLOGICAL DATA WNN  
PAY FORMATION - 463-HUNTERSVILLE CHERT  
T. D. FEET - 8.344

ELEVATION - 2069.00  
COMPLETED - 011474 ISSUED -  
DEEPENED - 7.477 - 7.368 445-TUCLY  
REWORKED - 8.009 - 8.200 463-HUNTERSVILLE CHERT  
PLUGGED - 8.200 - 8.226 475-GRISKANY  
FRACTURED - 000-  
TYPE FRACTURE - 000-  
INIT POTENTIAL - 02000 MCFD  
ROCK PRESS - 03550 PSIG IM 336 HBS

1976 PRODUCTION

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
OIL (MM)												
GAS (MM)	4.956	7.759	9.269	11.298	9.086	11.182	8.208	7.476	10.145	5.135	8.297	6.339
R.P. PSIG												

ACCUMULATIVE PRODUCTION HISTORY

	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965
OIL (MM)											
GAS (MM)	121.546	11.189									
R.P. PSIG											

(M) = BDL  
(MM) = MCF

W N N A N N U A L W N N

OIL (M) - GAS (MM) - 57.282

\*\*\*\*\*  
47-061-0336  
\*\*\*\*\*

RECEIVED  
Office of Oil and Gas

OCT 12 2017

WV Department of  
Environmental Protection

ELEVATION 1891'

Formations: 0-733' from Drillers Log Book; 733' to TD from Gamma Ray Log

Top	Bottom	Type	Water, Coal, Gas
0	4	Fill	<u>Water:</u> 1 1/2" @ 115'
4	45	SD & SH	
45	49	Coal	<u>Coal:</u> 45' - 49'
49	65	SD & SH	65' - 69'
65	69	Coal	
69	340	SD & SH	<u>Oil:</u> None
340	543	SD	
543	594	White SD	<u>Gas Checks:</u>
594	620	SD & SH	884' N/S
620	640	Red Rock	1833' N/S
640	733	SH	1977' N/S
733	748	Little Lime	2009' N/S
748	784	SH	2102' N/S
784	851	Big Lime	2718' Odor (927' BELOW SEA LEVEL)
851	870	Keener	2906' N/S
870	897	SH	3050' N/S
897	1034	Big Injun	5578' N/S
1034	1125	SH	6060' N/S
1125	1215	Weir	6665' N/S
1215	1333	SD & SH	7339' N/S
1333	1398	Gantz/50'	7678' 421 MCFD
1398	1685	SD & SH	7709' 471 MCFD
1685	1694	Gordon	7770' 452 MCFD
1694	1933	SD & SH	7894' 377 MCFD
1933	1945	4th Sand	
1945	1987	SH	
1987	1996	5th Sand	
1996	2040	SD & SH	
2040	2099	Bayard	<u>Treatment and Perforations:</u>
2099	2707	SH	Stimulation: 08/29/97
2707	2734	Speechniey	
2734	2904	SH	Perforations: (7440' - 7554')
2904	2919	Balltown	30 Holes
2919	7155	SH	
7155	7254	Tully	Frac: Huntersville Chert
7254	7454	SH	WF-30# gel system with
7454	7555	Marcellus	15,000# 80/100 Sand and 60,000# 20/40
7555	7568	Onondaga	Sand w/ 5% HCl throughout
7568	7709	Hntrsvi Chrt	
7709	7752	Needmore	
7752	7813	Oriskany	
7813	7891	Helderberg	
	7891	Drlg. T. D.	
	7930	Log T. D.	

RMA



6101279

For 6100336 P

1 Feet

Measurement Result

3,511.7 Feet 061-01279

06100336





6100336P

WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number  
7121

3) API Well No.: 47 - 061 - 00336

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>HARWORTH ROY C/O ROYCE HEISKELL</u>	Name <u>N/A</u>
Address <u>4755 RIDGETOP DR</u>	Address _____
<u>MORGANTOWN WV 26508</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Royce H. Heiskell, Harriet Jane Harworth, &amp; Joseph Mark Harworth</u>
_____	Address <u>4755 Ridgetop Drive</u>
(c) Name _____	<u>Morgantown, WV 26508</u>
Address _____	Name _____
_____	Address _____
<b>6) Inspector</b> <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.

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

Well Operator Consol Gas Company  
 By: Sarah Weigand  
 Its: Permitting Manager  
 Address 1000 Consol Energy Drive  
Canonsburg, PA 15370  
 Telephone 724-485-3244

Commonwealth of Pennsylvania County of Greene  
 Subscribed and sworn before me this 28<sup>th</sup> day of September 2017  
Lori L. Walker Notary Public  
 My Commission Expires February 23, 2019

RECEIVED  
 Office of Oil and Gas  
 OCT 12 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

12/01/2017

WW-9  
(5/16)

API Number 47 - 061 - 00336  
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 MORGANTOWN SOUTH

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 Sarah Weigand

Company Official (Typed Name) Sarah Weigand

Company Official Title Permitting Manager

Commonwealth of Pennsylvania County of Greene

RECEIVED  
Office of Oil and Gas  
OCT 12 2017

WV Department of Environmental Protection

Subscribed and sworn before me this 28th day of September, 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: *Gayme J Knott*

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

- Reclaim site ASAP
- Install soil erosion measures as needed along access well and plugging site

RECEIVED  
Office of Oil and Gas

OCT 12 2017

WV Department of  
Environmental Protection

Title: Inspector

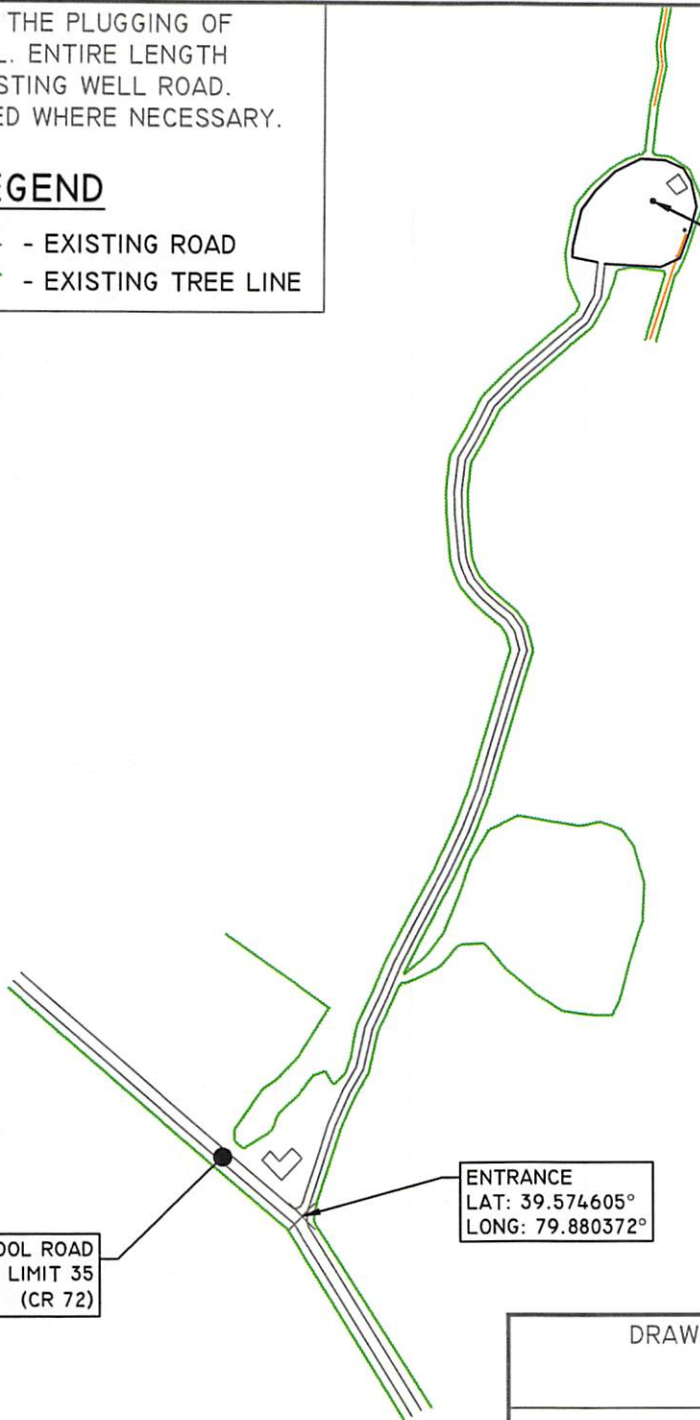
Date: 10/10/2017

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  
7121 WELL  
LAT: 39.580634°  
LONG: 79.877708°

ENTRANCE  
LAT: 39.574605°  
LONG: 79.880372°

SUMMERS SCHOOL ROAD  
SPEED LIMIT 35  
(CR 72)

DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY

RECEIVED  
Office of Oil and Gas

200 HALLAM ROAD

OCT 12 2017

WASHINGTON, PA 15301

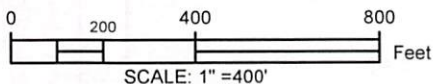
WV Department of  
Environmental Protection

WATERSHED: OUTLET DECKERS CREEK

DISTRICT: MORGAN COUNTY: MONONGALIA

QUADRANGLE: MORGANTOWN SOUTH WELL NO: 7121  
DECKERS CREEK

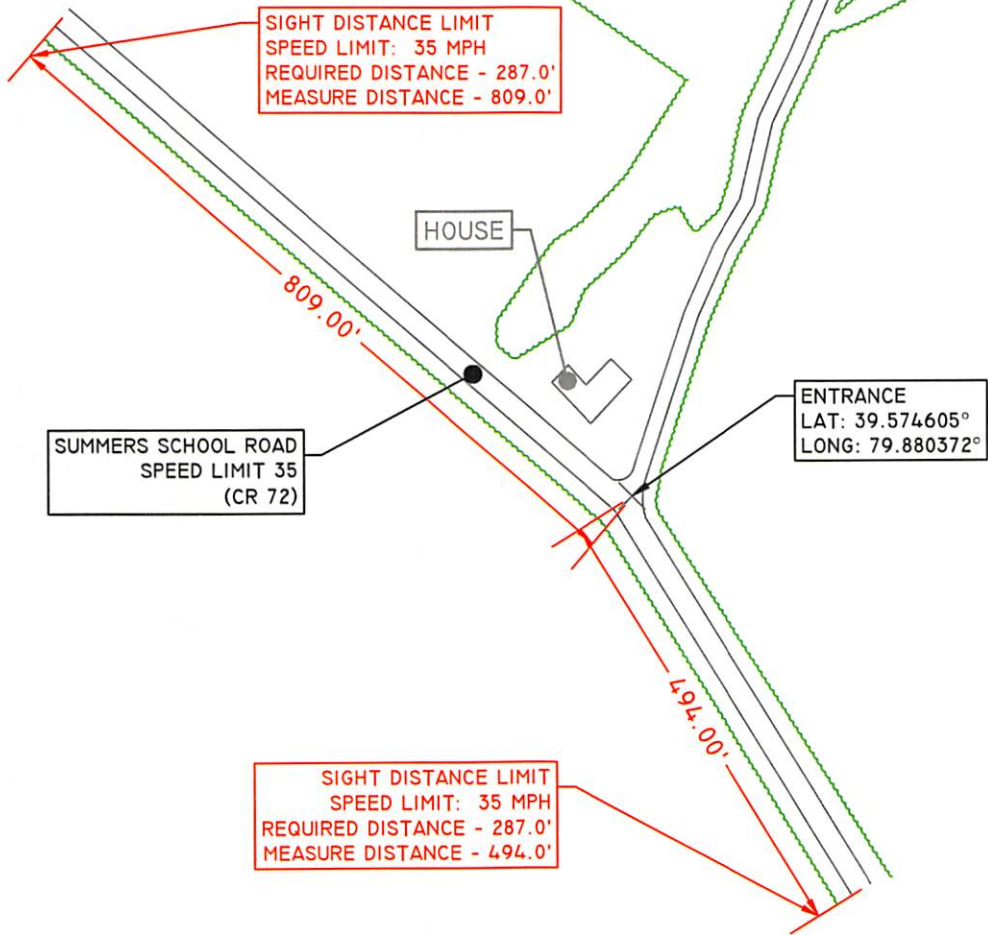
DATE: 07/21/2017 PAGE 1 OF 4



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



SUMMERS SCHOOL ROAD  
SPEED LIMIT 35  
(CR 72)

SIGHT DISTANCE LIMIT  
SPEED LIMIT: 35 MPH  
REQUIRED DISTANCE - 287.0'  
MEASURE DISTANCE - 809.0'

ENTRANCE  
LAT: 39.574605°  
LONG: 79.880372°

SIGHT DISTANCE LIMIT  
SPEED LIMIT: 35 MPH  
REQUIRED DISTANCE - 287.0'  
MEASURE DISTANCE - 494.0'

DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY

200 HALLAM ROAD

WASHINGTON, PA 15301

RECEIVED  
Office of Oil and Gas

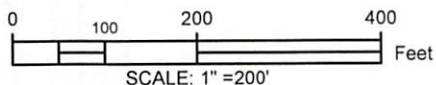
OCT 12 2017

WATERSHED: OUTLET DECKERS CREEK WV Department of Environmental Protection

DISTRICT: MORGAN COUNTY: MONONGALIA

QUADRANGLE: MORGANTOWN SOUTH WELL NO: 7121

DATE: 07/21/2017 PAGE 2 OF 4

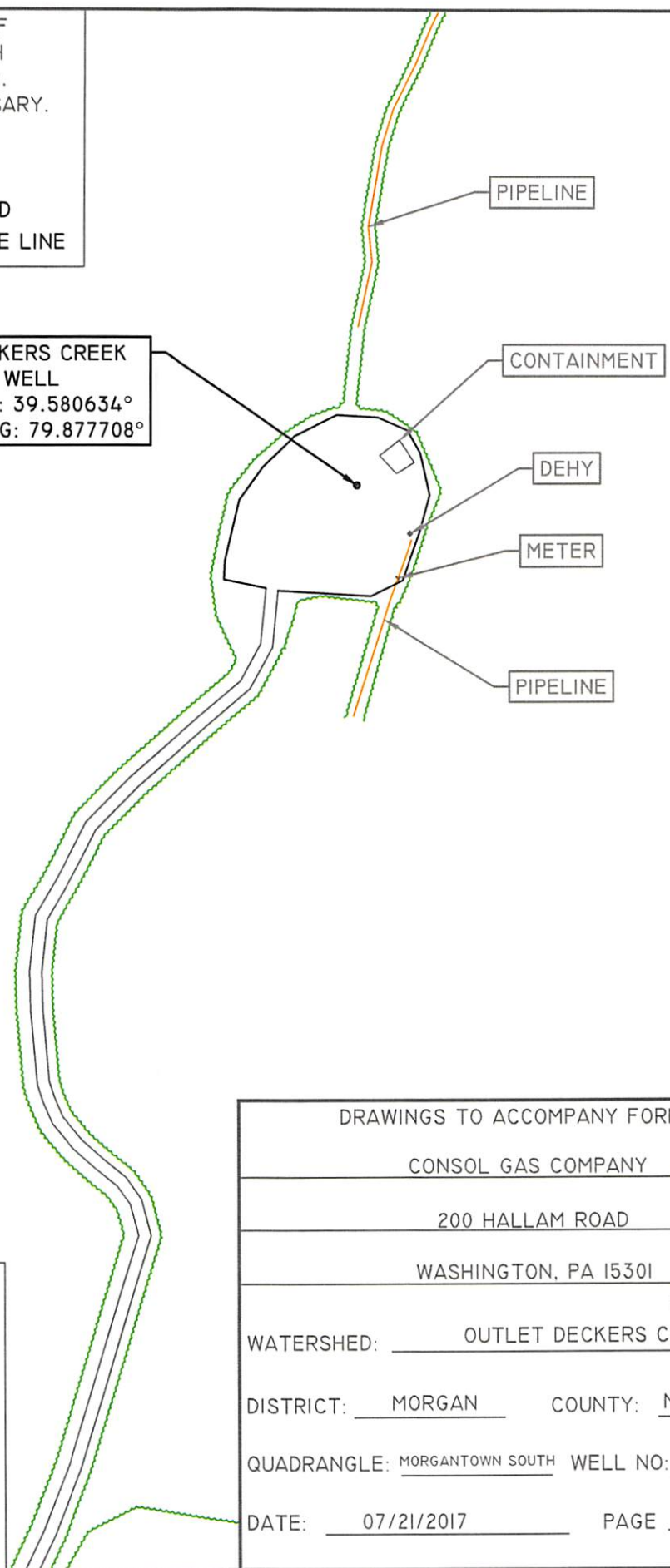


THIS PLAN IS FOR THE PLUGGING OF AN EXISTING WELL. ENTIRE LENGTH OF ACCESS IS EXISTING WELL ROAD. ROCK WILL BE USED WHERE NECESSARY.

**LEGEND**

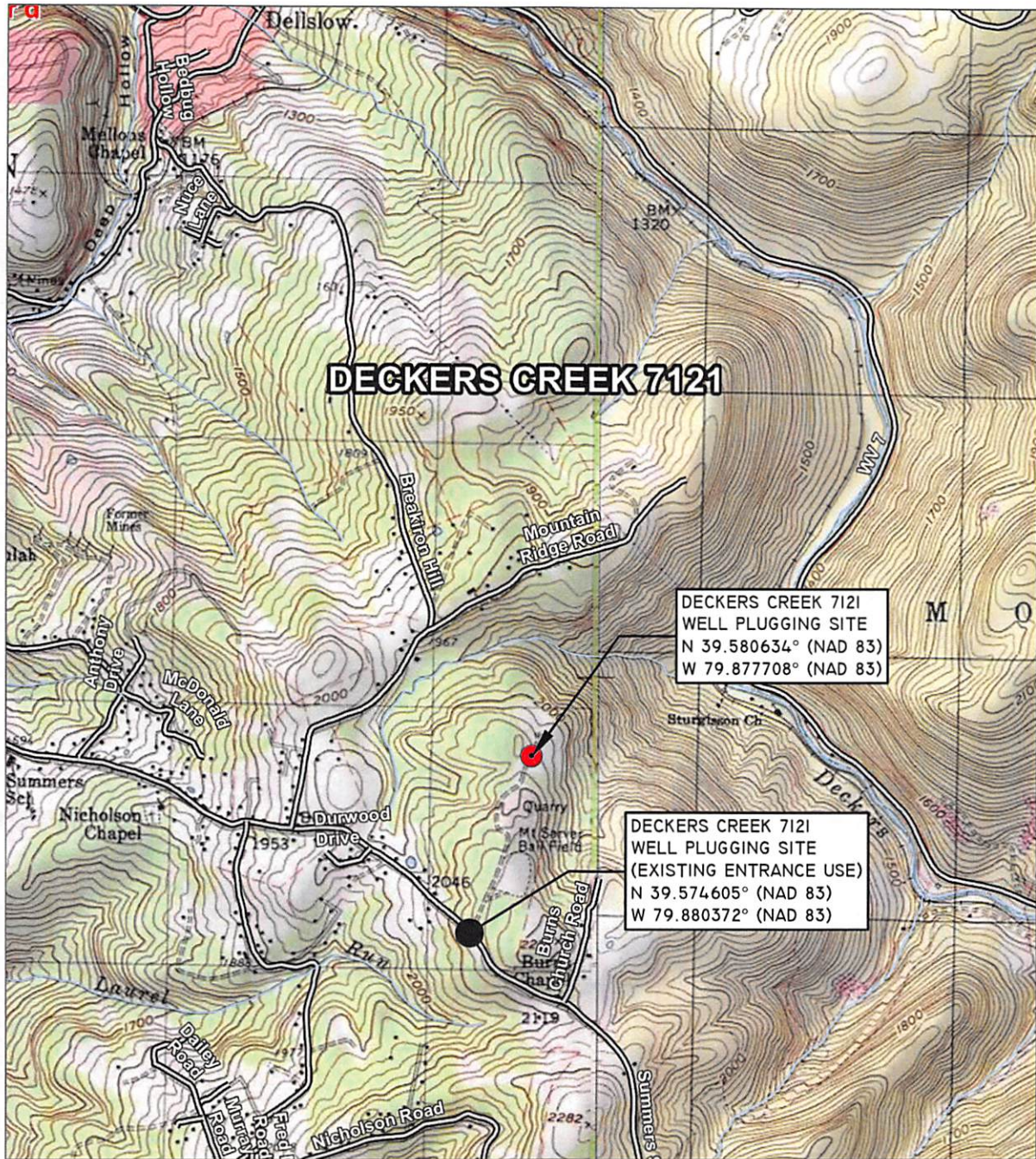
- - - - - EXISTING ROAD
- ~~~~~ EXISTING TREE LINE

DECKERS CREEK  
 7121 WELL  
 LAT: 39.580634°  
 LONG: 79.877708°



DRAWINGS TO ACCOMPANY FORM WW-9	
CONSOL GAS COMPANY	RECEIVED Office of Oil and Gas
200 HALLAM ROAD	OCT 12 2017
WASHINGTON, PA 15301	WV Department of Environmental Protection
WATERSHED: <u>OUTLET DECKERS CREEK</u>	
DISTRICT: <u>MORGAN</u>	COUNTY: <u>MONONGALIA</u>
QUADRANGLE: <u>MORGANTOWN SOUTH</u>	DECKERS CREEK WELL NO: <u>7121</u>
DATE: <u>07/21/2017</u>	PAGE <u>3</u> OF <u>4</u>





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



RECEIVED  
Office of Oil and Gas



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 7121 GAS WELL  
MORGAN DISTRICT  
MONONGALIA COUNTY, WV  
CONSOL GAS COMPANY  
200 HALLAM ROAD  
WASHINGTON, PA 15301

DRAWN BY: LLF	Office of Oil and Gas
CHECKED BY: WPF	OCT 12 2017
DATE: 07/21/2017	
SCALE: 1"=2000'	WV Department of Environmental Protection
WATERSHED:	
OUTLET DECKERS CREEK	
PAGE 4 OF 4	



6100336P

WW-7  
8-30-06



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

API: 47-061-00336 WELL NO.: 7121

FARM NAME: Deckers Creek

RESPONSIBLE PARTY NAME: Sarah Weigand

COUNTY: Monongalia DISTRICT: Morgan

QUADRANGLE: Morgantown South

SURFACE OWNER: Royce H. Heiskell, Harriet Jane Harworth, & Joseph Mark Harworth

ROYALTY OWNER: SAME

UTM GPS NORTHING: 4,381,814.882 METERS

UTM GPS EASTING: 596,383.141 METERS GPS ELEVATION: 630.436 METERS (2068')

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.

Sarah Weigand  
Signature

Permitting Manager  
Title

9/28/17  
Date

RECEIVED  
Office of Oil and Gas

OCT 12 2017

WV Department of  
Environmental Protection

12/01/2017