



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, August 16, 2017  
WELL WORK PERMIT  
Vertical / Plugging

CONSOL GAS COMPANY  
1000 CONSOL ENERGY DRIVE

CANNONSBURG, PA 163176506

Re: Permit approval for 11730  
47-061-00364-00-00

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: 11730  
Farm Name: HART, SARAH  
U.S. WELL NUMBER: 47-061-00364-00-00  
Vertical / Plugging  
Date Issued: 8/16/2017

Promoting a healthy environment.

08/18/2017

## 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

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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. 7126  
3) API Well No. 47-061 - 00364

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 2068.6 Watershed Cobun Creek-Monongahela River  
District Clinton 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.**

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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 7/14/2017

08/18/2017

**Hart, Sarah #7126**

Clinton, Monongalia County WV  
 Original Completion: 11/27/1977  
 API# 47-061-00364  
 Elevation = 2098'

**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 @ 7921')
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. @ 6600')
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 2300' and set Class A Cement Plug from 2300' to surface
  - a. This plug will cover Elevation @ 2098'
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:



Date: 7/12/2017

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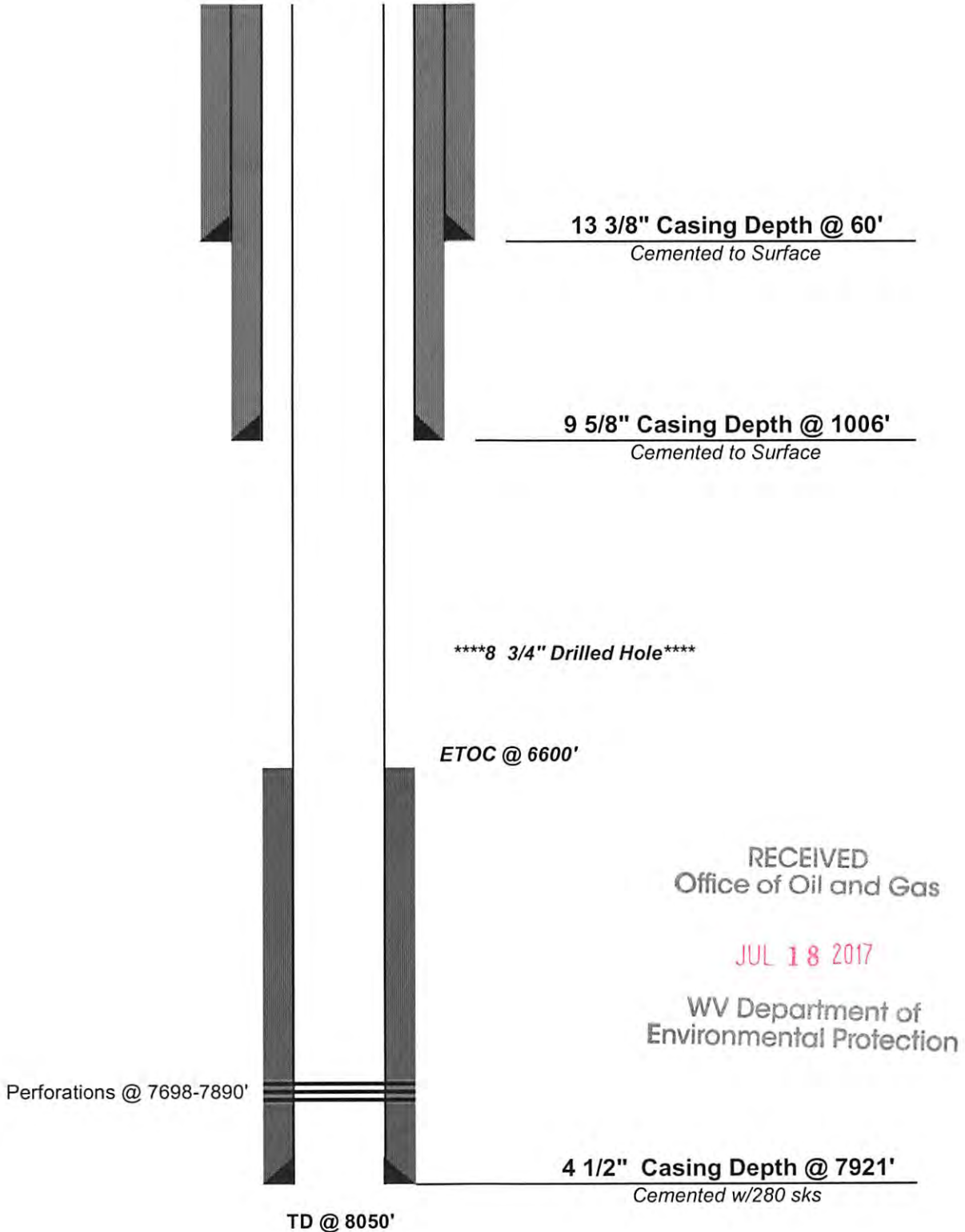
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**Hart, Sarah #7126**  
Clinton, Monongalia County WV  
Original Completion : 11/27/1977  
API # 47-061-00364  
Elevation = 2098'



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

### Oil and Gas Division WELL RECORD

Quadrangle MORGANTOWN  
Permit No. MON-364

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

Company Consolidated Gas Supply Corporation  
Address Clarksburg, WV  
Farm Sarah Hart Acres 121  
Location (waters) EBNMM Cobun Creek  
Well No. 11730 Elev. 2073'  
District Monongalia County Clinton  
The surface of tract is owned in fee by Sarah Hart  
Address Route #3, Morgantown, WV  
Mineral rights are owned by Byron F. Phillips  
Address 323 Watts St., Morgantown  
Drilling Commenced 10-6-77  
Drilling Completed 11-27-77  
Initial open flow Shon cu. ft. \_\_\_\_\_ bbls.  
Final production 3,900 M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 2 hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10X	60'	60'	To surface
9 5/8	1006'	1006'	To surface
8 5/8			
7			
5 1/2			
4 1/2	7921'	7921'	2 1/2" bags 280
3			
2			
Liners Used			

Well treatment details:  
Acid Fractured with 100,500# sand, 1470 bbl water and 8800 gal 31% acid  
Perforations: 7688-7754' with 38 holes

Attach copy of cementing record.

Coal was encountered at None Feet \_\_\_\_\_  
Fresh water 35' 92' Feet \_\_\_\_\_ Inches None  
Producing Sand Chert Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Depth 7698-7890'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand & Shale			0	597	Water	35'
Lime			577	802	Water	92'
Sand & Shale			802	905		
Sand			905	965		
Sand & Shale			965	3110		
Shale			3110	4099		
Sand & Shale			4099	5926		
Shale			5926	7289		
Lime			7286	7300		
Lime & Shale			7300	7547		
Shale			7547	7677		
ONONDAGA			7677	7698		
CHERT			7698	7890		
ORISKANY			7890	8050	Gas	7688-7754'
Total Depth				8050'		

K. P. Measurement 11' above G.L.

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

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09-11

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

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

Permit No. MON-364

Oil or Gas Well  
(KIND)

COMPANY AND ADDRESS	USED IN DRILLING	LEFT IN WELL	PACKERS
Company <u>Consolidated Gas Supply Co. Inc.</u> Address <u>Charlottesville, West Virginia</u> Farm <u>Sarah - HART</u>	Size		
Well No. <u>#11730</u>	10 <u>95%</u>	60' <u>60. SK. CEMENT</u>	Kind of Packer
District <u>CLINTON</u> County <u>BOYD</u>	11 <u>977</u>	<u>60. SK. CEMENT</u>	
Drilling commenced	12 <u>977</u>	<u>60. SK. CEMENT</u>	Depth set
Drilling completed <u>Log - 8058'</u> <u>Total depth</u> <u>D.T.D. 8055'</u>	13 <u>977</u>	<u>60. SK. CEMENT</u>	
Date shot <u>Dist. 5/21/77</u>	14 <u>977</u>	<u>60. SK. CEMENT</u>	Perf. bottom
Initial open flow	15 <u>977</u>	<u>60. SK. CEMENT</u>	Perf. top
Open flow after tubing	16 <u>977</u>	<u>60. SK. CEMENT</u>	Perf. bottom
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Dat _____		
Block pressure _____ lbs _____ hrs.	NAME OF SERVICE COMPANY _____		
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED <u>90-92'</u> FEET _____ INCHES _____		
Fresh water <u>35' 92' 96'</u> feet _____ feet	FEET _____ INCHES FEET _____ INCHES		
Salt water _____ feet _____ feet	FEET _____ INCHES FEET _____ INCHES		

Drillers' Names Melvin England, John Nestor, Daniel Jenkins

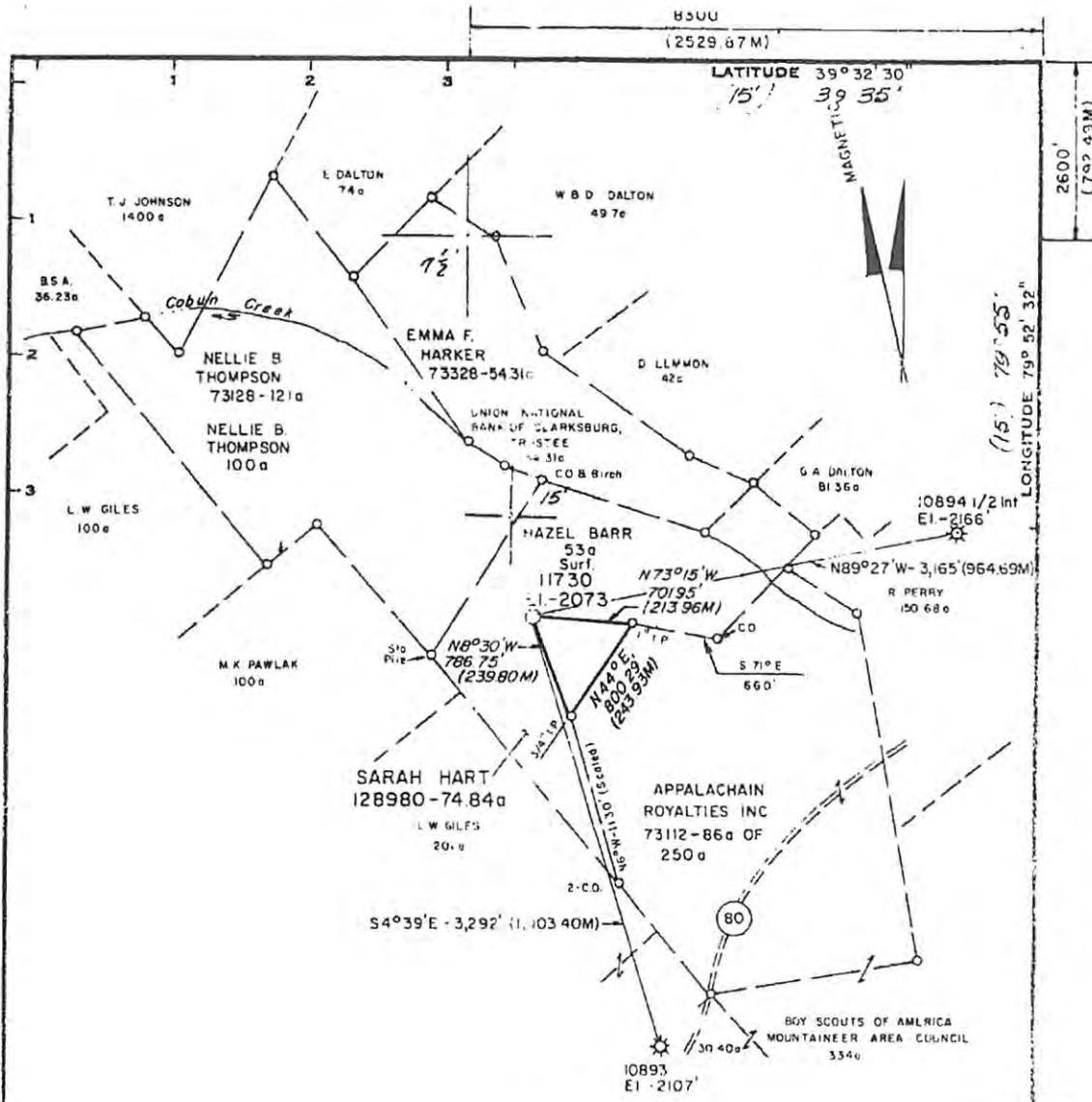
Remarks:  
Contractor Ray Resources. Rig #8  
Rotary  
November 29, 1977 William J. Rosser  
DATE DISTRICT WELL INSPECTOR

Drillers' Names Do Not Release

Remarks: Location Needs Dozer Work.  
Open Pit on Location.  
Tree Limbs & Stumps must be removed.  
Well Not in Production

March 29, 1978 William J. Rosser - #50  
DATE DISTRICT WELL INSPECTOR  
Copy this report mailed to Consol. Gas Co - this DATE





Minimum Error of Closure  $1''$  in  $200'$   
 Source of Elevation B.M. C.G.S.C. Well # 10893 E1-2107  
 "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."

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- Revised Location
- New Location
- Drill Deeper
- Abandonment

Map Sheet 932 SF E5 F.B. 1883 Pg. 13-16

Company Consolidated Gas Supply Corporation  
 Address Clarksburg, W.Va  
 Farm SARAH HART (Hazel Barr-Surf)  
 Tract \_\_\_\_\_ Acres 74.84 Lease No. 128980  
 Well (Farm) No. \_\_\_\_\_ Serial No. 11730  
 Elevation (Spirit Level) 2073  
 Quadrangle Morgantown South, W.Va 7 1/2, Morgantown 15  
 County Monongalia District Clinton  
 Engineer Everette Fisher  
 Engineer's Registration No. 5989  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 7-29-77 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. MON-364

— Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.  
 — Denotes one inch spaces on border line of original tracing.

47-061

8100' Oniskany



1) Date: \_\_\_\_\_  
2) Operator's Well Number  
7126  
3) API Well No.: 47 - 061 - 00364

**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>LAWRENCE W JR &amp; KATHRYN A GILES</u>	Name <u>N/A</u>
Address <u>297 BOY SCOUT CAMP RD</u>	Address _____
<u>MORGANTOWN WV 26508</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Frank G. Barr</u>
_____	Address <u>347 Mountainview Road</u>
_____	<u>Morgantown, WV 26508-3894</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.

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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

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

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

**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).

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WW-9  
(5/16)

API Number 47 - 061 - 00364  
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) Cobun Creek - Monongahela River 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. \_\_\_\_\_

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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, 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. Knutson

Comments: Reclaim SITE ASAP

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Title: Inspector

Date: 7/14/2017

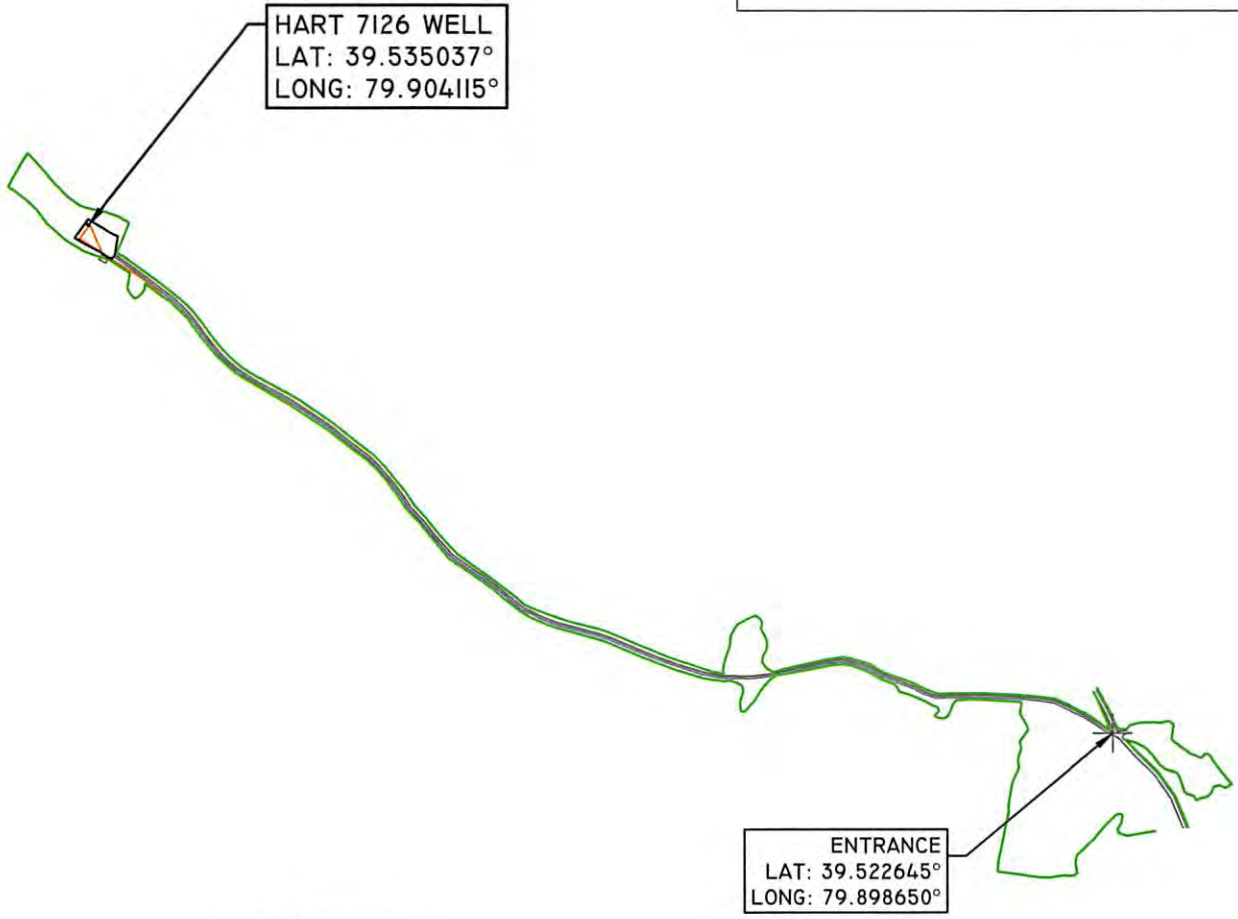
Field Reviewed? (  ) Yes (  ) No



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



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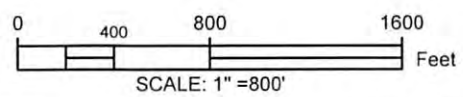
JUL 18 2017

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7

DRAWINGS TO ACCOMPANY FORM WW-9
CONSOL GAS COMPANY
200 HALLAM ROAD
WASHINGTON, PA 15301
WATERSHED: <u>COBUN CREEK-MONONGAHELA RIVER</u>
DISTRICT: <u>CLINTON</u> COUNTY: <u>MONONGALIA</u>
QUADRANGLE: <u>MORGANTOWN SOUTH</u> WELL NO: <u>HART 7126</u>
DATE: <u>06/12/2017</u> PAGE <u>1</u> OF <u>5</u>

08/18/2017



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 - 166.0'

ENTRANCE  
 LAT: 39.522645°  
 LONG: 79.898650°

CAMP MOUNTAINEER ROAD  
 SPEED LIMIT 25  
 (CR 119/14)

SIGHT DISTANCE LIMIT  
 SPEED LIMIT: 25 MPH  
 REQUIRED DISTANCE - 173.0'  
 MEASURE DISTANCE - 455.0'

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DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY

200 HALLAM ROAD

WASHINGTON, PA 15301

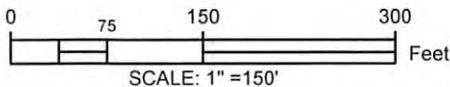
WATERSHED: COBUN CREEK-MONONGAHELA RIVER

DISTRICT: CLINTON COUNTY: MONONGALIA

QUADRANGLE: MORGANTOWN SOUTH WELL NO: HART 7126

DATE: 06/12/2017 PAGE 2 OF 5

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- ~~~~~ - EXISTING TREE LINE



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DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY

200 HALLAM ROAD

WASHINGTON, PA 15301

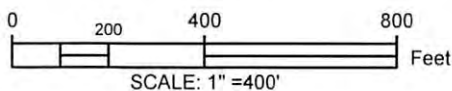
WATERSHED: COBUN CREEK-MONONGAHELA RIVER

DISTRICT: CLINTON COUNTY: MONONGALIA

QUADRANGLE: MORGANTOWN SOUTH WELL NO: HART 7126

DATE: 06/12/2017 PAGE 3 OF 5

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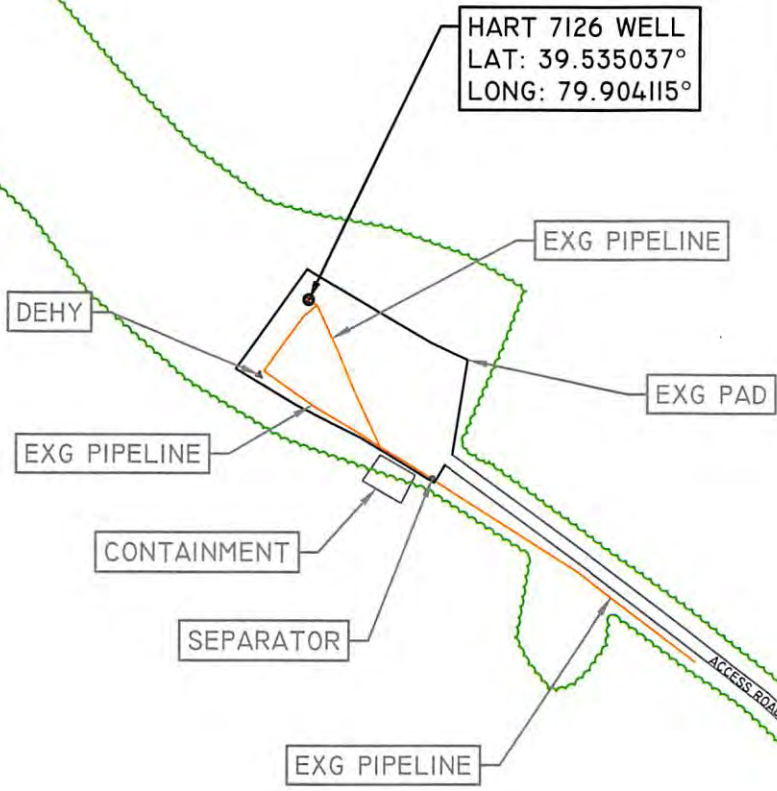


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**LEGEND**

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



HART 7126 WELL  
LAT: 39.535037°  
LONG: 79.904115°

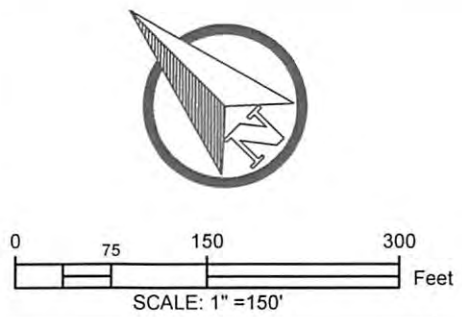
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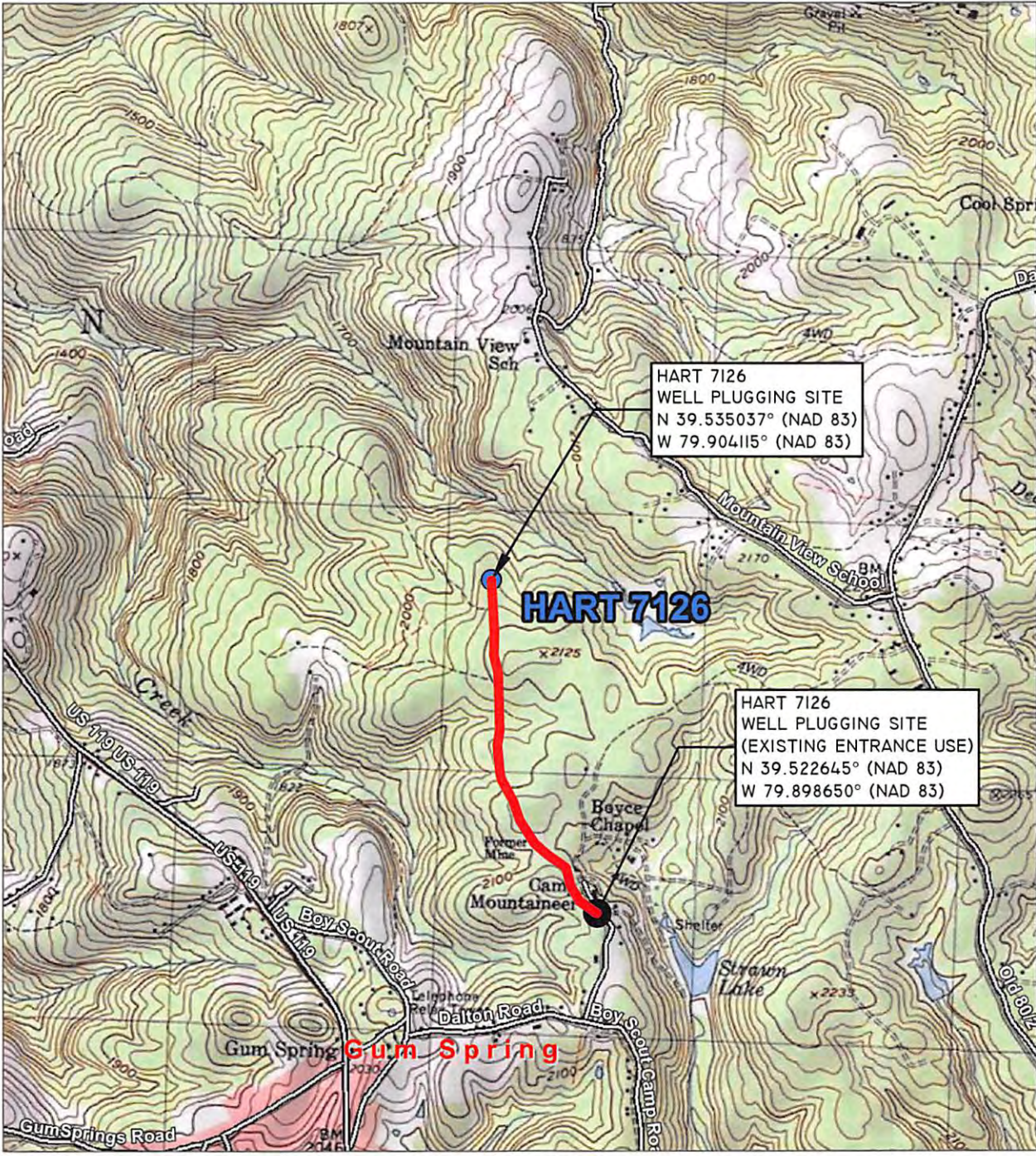
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DRAWINGS TO ACCOMPANY FORM WW-9
CONSOL GAS COMPANY
200 HALLAM ROAD
WASHINGTON, PA 15301
WATERSHED: <u>COBUN CREEK-MONONGAHELA RIVER</u>
DISTRICT: <u>CLINTON</u> COUNTY: <u>MONONGALIA</u>
QUADRANGLE: <u>MORGANTOWN SOUTH</u> WELL NO: <u>HART 7126</u>
DATE: <u>06/12/2017</u> PAGE <u>4</u> OF <u>5</u>

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LOCATION MAP  
MORGANTOWN SOUTH, 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  
HART 7126 GAS WELL  
CLINTON DISTRICT  
MONONGALIA COUNTY, WV  
CONSOL GAS COMPANY  
200 HALLAM ROAD  
WASHINGTON, PA 15301

DRAWN BY: LLF
CHECKED BY: WPF
DATE: 06/12/2017
SCALE: 1"=2000'
WATERSHED: COBUN CREEK-MONONGAHELA RIVER
PAGE 5 OF 5



WW-7  
8-30-06



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

API: 47-061-00364 WELL NO.: 7126

FARM NAME: Hart

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Monongalia DISTRICT: Clinton

QUADRANGLE: Morgantown South

SURFACE OWNER: LAWRENCE W JR & KATHRYN A GILES

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

UTM GPS NORTHING: 4,376,726.296

UTM GPS EASTING: 594,176.889 GPS ELEVATION: 630.509

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.

Erika J Whetstone  
Signature

Permitting Supervisor  
Title

7/16/17  
Date

RECEIVED  
Office of Oil and Gas

JUL 18 2017

WV Department of  
Environmental Protection