



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

Monday, August 07, 2017
WELL WORK PERMIT
Coal Bed Methane Well / Plugging

CNX GAS COMPANY LLC
POST OFFICE BOX 1248

JANE LEW, WV 263786506

Re: Permit approval for L-109
47-061-01451-00-00

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: L-109
Farm Name: PHILLIPS, CHARLES DALE
U.S. WELL NUMBER: 47-061-01451-00-00
Coal Bed Methane Well / Plugging
Date Issued: 8/7/2017

Promoting a healthy environment.

08/11/2017

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

6101451CP

WW-4B
Rev. 2/01

1) Date _____, 2017
2) Operator's
Well No. L109
3) API Well No. 47-081 - 01451

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 1507.37 Watershed West Virginia Fork
District Battelle County Monongalia Quadrangle Wadestown

6) Well Operator CNX Gas Company, LLC 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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JUL 13 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 7/6/2017

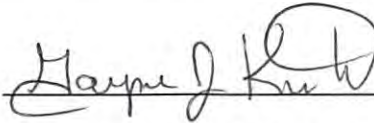
08/11/2017

Plugging Work Order for Phillips L-109**API Number 47-061-01451****Elevation 1503'****Original Permit Issued- 9/17/2002**

TD 1241'

1. Verify TD and casing volume (~950')
2. Set CIBP at lowest attainable depth (Stay above slotted liner if present)
3. ~~Grout from surface (~185sks)~~
4. Install 6" x 14' monument (10' below grade, 4' above grade) API 47-061-01451

Work Order approved by Inspector



Date: 7/6/17

Note: All cement will be Class A. All spacers will be 6% gel.

3. T I H WITH WORK STRING TUBING AND PUMP CLASS A CEMENT WITH NO MORE THAN 3% CaCl₂ FROM TOP OF CIBP TO SURFACE.

★ REMOVE ALL FREE CASING.

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WR-35

DATE: September 2, 2004
 API#: 47-6101451

State of West Virginia
 Department of Environmental Protection
 Office of Oil and Gas

Well Operator's Report of Well Work

Farm Name: Phillips, Charles Dale Operator Well No.: L-109

LOCATION: Elevation: 1503 Quadrangle: Wadestown

District: Battelle County: Monongalia
 Latitude: 9060.0 Feet South of 39 Deg. 40 Min. 00 Sec.
 Longitude: 4935.00 Feet West of 80 Deg. 20 Min. 00 Sec.

Company: CNX Gas Company LLC (North)

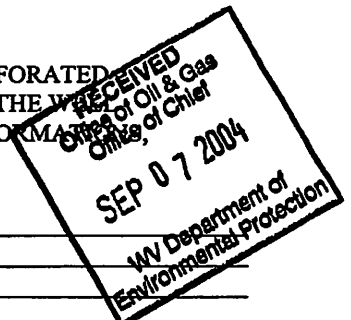
	Casing & Tubing	Used In Drilling	Left In Well	Cement Fill Up Cu. Ft.
Address: 1800 Washington Road Pittsburgh, PA 15241				
Agent: Edwin Merrifield				
Inspector: Steve Mossor				
Date Permit Issued: 9/17/2002				
Date Well Work Commenced: Existing Borehole				
Date Well Work Completed: Converted to well				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): 1241				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 950				

OPEN FLOW DATA

Producing formation	<u>Pittsburgh Coal Seam</u>	Pay zone depth (ft)	<u>950</u>
Gas: Initial open flow	<u>173</u> MCF/d	Oil: Initial open flow	<u>0</u> Bbl/d
Final open flow	<u>173</u> MCF/d	Final open flow	<u>0</u> Bbl/d
Time of open flow between initial and final tests	<u>0</u> Hours		
Static rock pressure	<u>1</u> psig (surface pressure) after <u>-</u> Hours		
Second producing formation	<u>None</u>	Pay zone depth (ft)	
Gas: Initial open flow	<u> </u> MCF/d	Oil: Initial open flow	<u> </u> Bbl/d
Final open flow	<u> </u> MCF/d	Final open flow	<u> </u> Bbl/d
Time of open flow between initial and final tests	<u> </u> Hours		
Static rock pressure	<u> </u> psig (surface pressure) after <u> </u> Hours		

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS ENCOUNTERED BY THE WELLBORE.

Signed: Joseph P. Aman
 By: Joseph P. Aman
 Date: September 2, 2004



61-01451CP

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
COALBED METHANE PERMIT APPLICATION

061-01451-C

1 652

1) Well Operator: CNX Gas Company, LLC (North) 2) Well Name St. Leo Gob Well No. L-109

3) Operator's Well Number L-109 4) Elevation 1503'

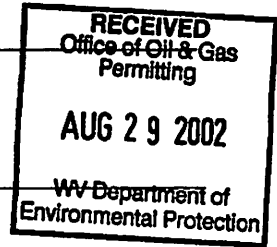
5) Well Type: (a) Oil / or Gas / (b) If Gas: Production X / Underground Storage / CBM / Deep / Shallow X /

6) Proposed Target Formation(s): Pittsburgh Coal Seam Mine Methane

7) Proposed Total Depth: 1,241 feet

8) Approximate Fresh Water Strata Depths: Not known

9) Approximate Salt Water Depths: Not known



10) Approximate Coal Seam Depths: Pittsburgh @ 950'

11) Does Land Contain Coal Seams Tributary to Active Mines? Yes X / No /

12) (a) Proposed Well Work: Convert an existing ventilation borehole (Well No. L-109) to a producing CBM gob well.

(b) If Stimulation Proposed, Describe Means to be Used to Stimulate Well: N/A

13) (a) Does the proposed operation plan to convert an existing well (as defined in W. Va. Code § 22-6-1) or a vertical ventilation hole to a coalbed methane well? Yes X / No /

(b) If yes, please attach to this Application a list of all formations from which production is anticipated and a description of any plans to plug any portion of the well. Pittsburgh Coal Only Via Existing Casing.

14) (a) Will the proposed coalbed methane well be completed in some but not all coal seams for production (except for a gob well or vent hole proposed to be converted to a well)? Yes / No / N/A

(b) If yes, please attach to this Application a plan and design for the well which will protect all workable coal seams which will be penetrated by the well.

15) (a) Does the proposed operation include horizontal drilling of a well commenced on the surface? Yes / No X /

(b) If yes, please attach to this Application a description of such operations, including both the vertical and horizontal alignment and extent of the well from the surface to total depth.

061-01451-CP

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For Drilling	Left in Well	Fill-up (cu. ft.)
Conductor						
Fresh Water						
Coal						
Intermediate						
Production						
Tubing						
Liners						

PACKERS:

PLEASE SEE ATTACHED WELL REPORT

SM
9-5-02

For Office of Oil and Gas Use Only

Fee(s) paid:
 Well Work Permit
 Reclamation Fund
 WPCP
 Plat
 WW-9
 WW-5B
 Bond _____
 Agent
 (Type)

061-01451-CP

CONSOLIDATION COAL COMPANY
1800 WASHINGTON ROAD
PITTSBURGH PA

WELL NUMBER L-109

MINE Loveridge

DATE STARTED 8/8/1997

DATE COMPLETED 8/15/1997

CONTRACTOR Gene D. Yost & Son, Inc.

TOTAL DEPTH OF HOLE 1,241 (APPROX)
[In Feet]

CASING IN HOLE: [In Feet]	SLOTTED	<u>200</u>
	7-INCH	<u>None</u>
	8-INCH	<u>1,062</u>

PACKER SIZE 3' 6"

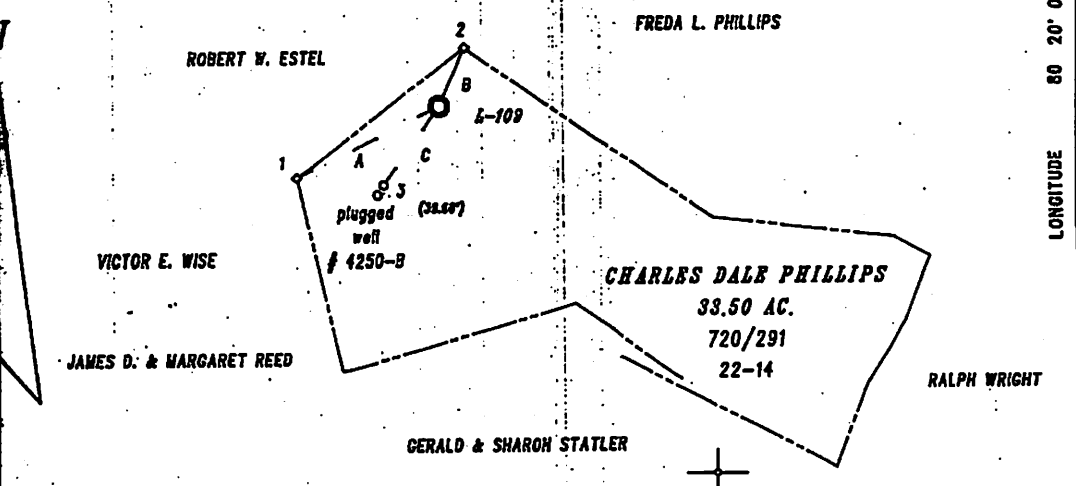
CEMENT 275 [SKS]



6701451C

(+) DENOTES LOCATION OF WELL ON U.S.G.S. TOPOGRAPHIC MAP

LATITUDE 39 40' 00" LONGITUDE 80 20' 00"



TIES
 A - 243 50 54 551.67'
 B - 23 40 50 221.62'
 C - 215 48 17 333.49'

LANDMARK DESCRIPTION

- 1 - SET STONE (F)
- 2 - SET STONE (F)
- 3 - PLUGGED WELL 4250

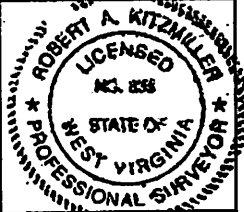
NOTE :

- 1) CONSOLIDATION COAL COMPANY ET.AL. OWN THE MINERAL ON THIS TRACT.
- 2) THIS WELL IS AN EXISTING VENTILATION BORE-HOLE BEING CONVERTED TO A CBM GOB WELL.

FILE NO. 02-HH-30
 DRAWN BY: R.A. KITZMILLER
 SCALE: 1 : 500'
 MIN. DEGREE OF ACCURACY 1 / 200'
 PROVEN SOURCE OF ELEVATION: _____
 SPOT ELEVATION _____

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) Robert A. Kitzmiller
 Professional Surveyor No. 639



WV. DEPT. OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS DIVISION
 1356 HANSFORD STREET
 CHARLESTON, WV. 25301

DATE AUGUST 14, 20 02
 OPERATOR'S WELL NO. L-109
 API WELL NO. 47-061 - 01451C
 STATE MONROGALIA COUNTY ST. LEO PERMIT NO. _____

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
 IF "GAS", PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1503' WATERSHED _____ RANGE RUN _____
 DISTRICT BATTELLE COUNTY MONROGALIA
 QUADRANGLE WADESTOWN NEAREST TOWN ST. LEO

SURFACE OWNER CHARLES DALE PHILLIPS ACREAGE 33.50 AC.
 OIL & GAS ROYALTY OWNER See Note LEASE ACREAGE _____

LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) EXISTING VENTILATION BOREHOLE BEING CONVERTED
 PLUG AND ABANDON CLEAN OUT AND REPLUG TO GOB WELL.
 TARGET FORMATION PITTSBURGH ESTIMATED DEPTH 1241'

WELL OPERATOR CHX GAS COMPANY LLC. (NORTH) DESIGNATED AGENT EDWIN L. MERRIFIELD
 ADDRESS 1800 WASHINGTON ROAD ADDRESS 118 1/2 HUNSAKER STREET
PITTSBURGH, PA. 15421-1421 FAIRMONT, WV. 26554

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 JUL 13 2017
 WV Department of Environmental Protection

MONROGALIA COUNTY PERMIT NO. 1451C

08/11/2017

1) Date: _____
2) Operator's Well Number
L109 _____
3) API Well No.: 47 - 061 - 01451

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

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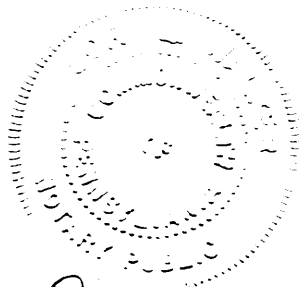
4) Surface Owner(s) to be served:	5) (a) Coal Operator	
(a) Name <u>REBECCA GAIL FOLEY</u>	Name <u>The Marion County Coal Company</u>	<u>JUL 13 2017</u>
Address <u>1175 RANGE RD</u>	Address <u>46226 National Rd W</u>	
<u>WANA WV 26590</u>	<u>St. Clairsville, OH 43950</u>	<u>WV Department of Environmental Protection</u>
(b) Name _____	(b) Coal Owner(s) with Declaration	
Address _____	Name <u>Consolidation Coal Company</u>	
	Address <u>1000 Consol Energy Drive</u>	
	<u>Canonsburg, PA 15317</u>	
(c) Name _____	Name <u>Rebecca Gail Foley</u>	
Address _____	Address <u>1175 Range Road</u>	
	<u>Wana, WV 26590</u>	
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 CNX Gas Company, LLC
 By: Erika Whetstone
 Its: Permitting Supervisor
 Address 1000 Consol Energy Drive
Canonsburg, PA 15370
 Telephone (724) 485-4035

Subscribed and sworn before me this 9th day of June 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

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.

08/11/2017

WW-9
(5/16)

API Number 47 - 061 - 01451
Operator's Well No. _____

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

Operator Name CNX Gas Company, LLC OP Code 494458046

Watershed (HUC 10) West Virginia Fork Quadrangle Wadestown

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

JUL 13 2017

Additives to be used in drilling medium? na

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. na WV Department of
Environmental Protection

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

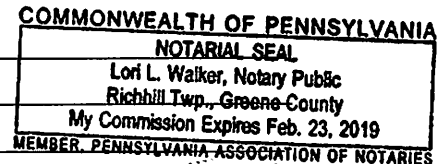
-Landfill or offsite name/permit number? _____

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.

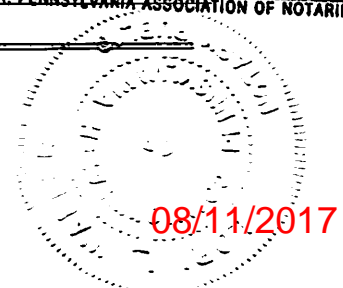
Company Official Signature Erika Whetstone
Company Official (Typed Name) Erika Whetstone
Company Official Title Permitting Supervisor



Subscribed and sworn before me this 10th day of June, 2017

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: *Gayle J. Kirtz*

Comments: Reclaim site ASAP

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WV Department of
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Title: Inspector Date: 7/6/2017

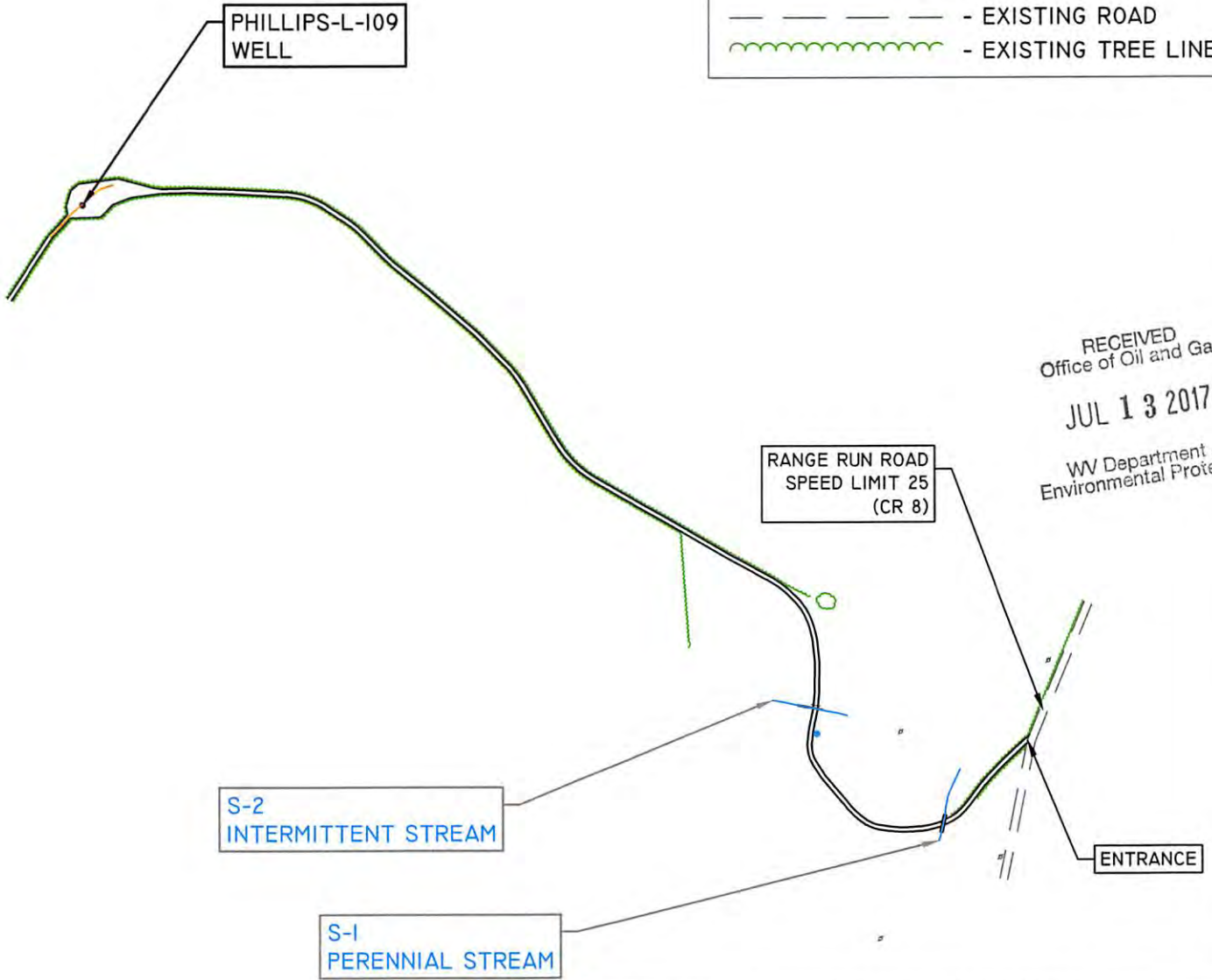
Field Reviewed? () Yes () No

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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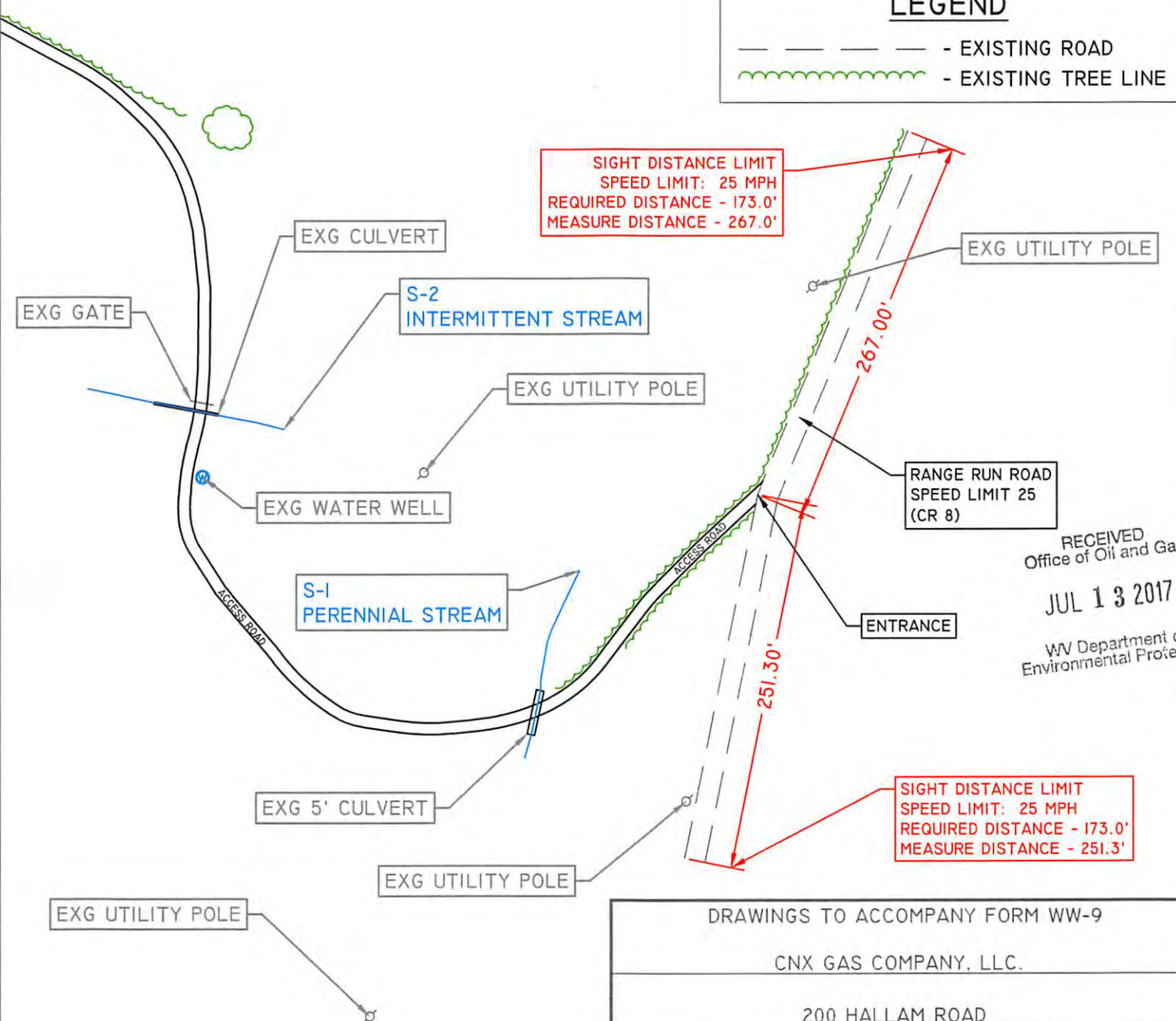
DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY, LLC.	
200 HALLAM ROAD	
WASHINGTON, PA 15301	
WATERSHED:	WEST VIRGINIA FORK
DISTRICT:	BATTELLE
COUNTY:	MONONGALIA
QUADRANGLE:	WADESTOWN
WELL NO:	L-109
DATE:	05/23/2017
PAGE:	1 OF 4

08/11/2017

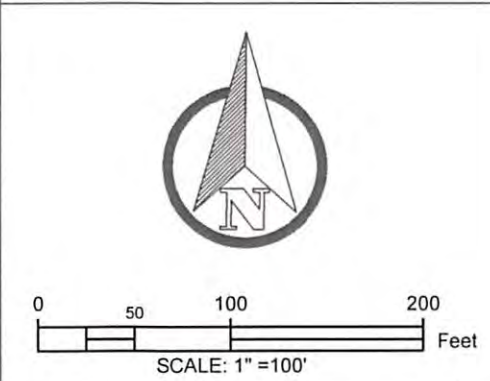
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LEGEND

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



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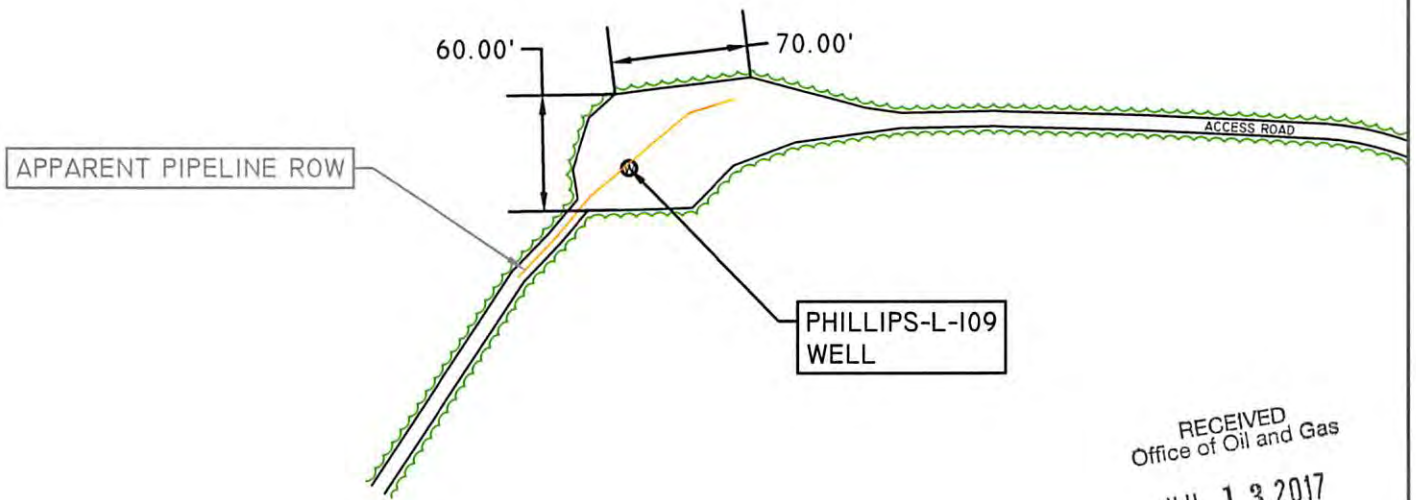
DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY, LLC.	
200 HALLAM ROAD	
WASHINGTON, PA 15301	
WATERSHED:	WEST VIRGINIA FORK
DISTRICT:	BATTELLE
COUNTY:	MONONGALIA
QUADRANGLE:	WADESTOWN
WELL NO:	L-109
DATE:	05/23/2017
PAGE:	2 OF 4

08/11/2017

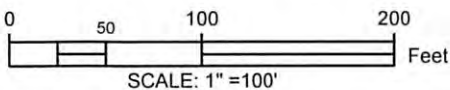
THIS PLAN IS FOR THE PLUGGING OF AN EXISTING WELL. ENTIRE LENGTH OF ACCESS IS EXISTING WELL ROAD. ROCK WILL BE USED WHERE NECESSARY.

LEGEND

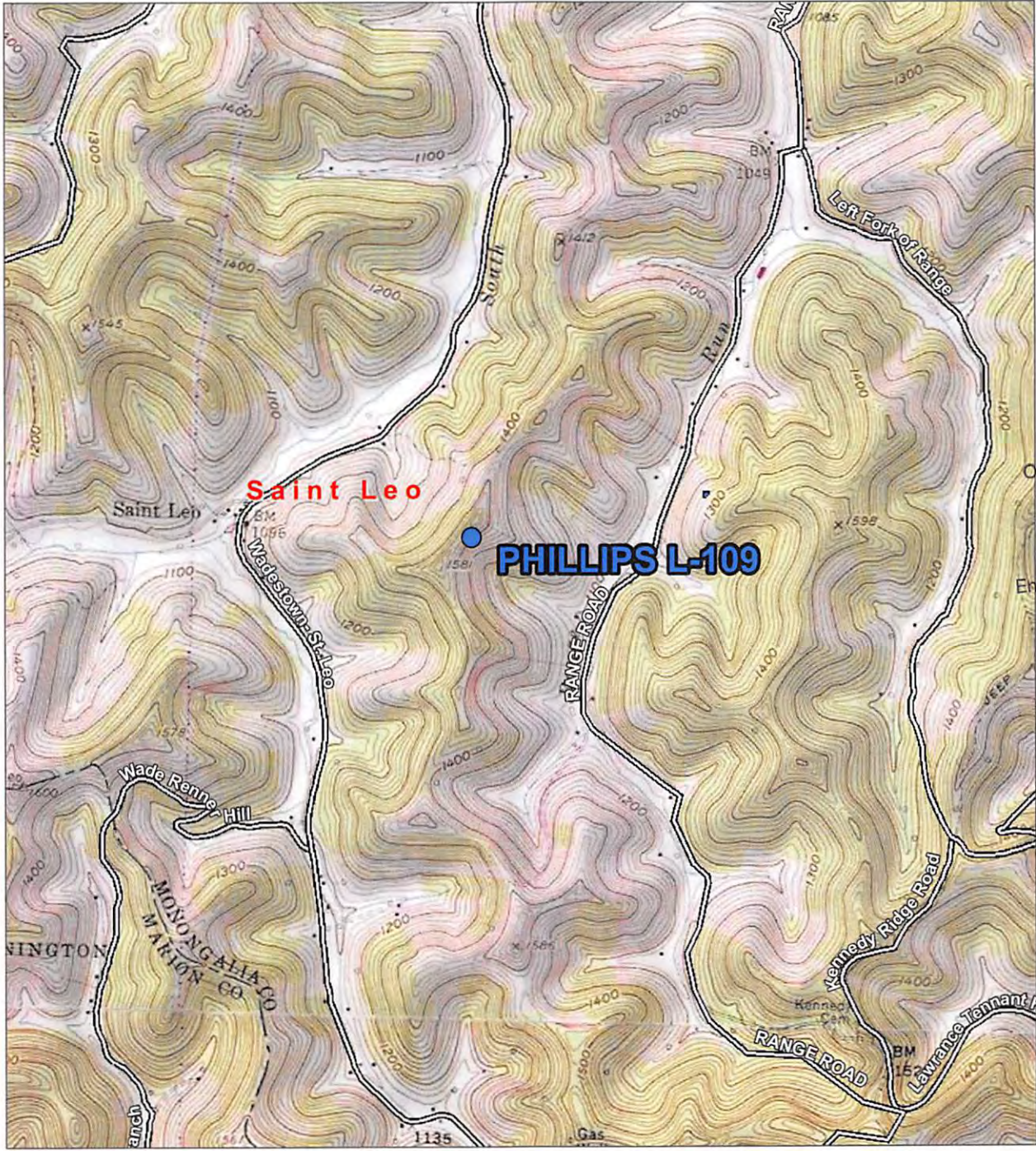
- — — — — - EXISTING ROAD
- ~~~~~ - EXISTING TREE LINE



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DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY, LLC.	
200 HALLAM ROAD	
WASHINGTON, PA 15301	
WATERSHED:	WEST VIRGINIA FORK
DISTRICT:	BATTELLE
COUNTY:	MONONGALIA
QUADRANGLE:	WADESTOWN
WELL NO:	L-109
DATE:	05/23/2017
PAGE:	3 OF 4
08/11/2017	



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LOCATION MAP
WADESTOWN, 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
PHILLIPS-L-109 GAS WELL
BATTELLE DISTRICT
MONONGALIA COUNTY, WV
CNX GAS COMPANY, LLC.
200 HALLAM ROAD
WASHINGTON, PA 15301

DRAWN BY: LLF
CHECKED BY: WPF
DATE: 05/23/2017
SCALE: 1"=2000'
WATERSHED: WEST VIRGINIA FORK
PAGE 4 OF 4

08/11/2017

6101451CP

WW-7
8-30-06



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

API: 47-061-01451 WELL NO.: L109

FARM NAME: Phillips

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Monongalia DISTRICT: Battelle

QUADRANGLE: Wadestown

SURFACE OWNER: REBECCA GAIL FOLEY

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,388,193.119 METERS

UTM GPS EASTING: 555,688.787 METERS GPS ELEVATION: 459.447 METERS (1507')

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

6/9/17
Date

RECEIVED
Office of Oil and Gas
JUL 13 2017
WV Department of
Environmental Protection

08/11/2017