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**west virginia** department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

March 04, 2016

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-9700200, issued to EQT PRODUCTION COMPANY, 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 all 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

  
James Martin  
Chief

Operator's Well No: 7965  
Farm Name: LORENTZ, KENT  
**API Well Number: 47-9700200**  
**Permit Type: Plugging**  
Date Issued: 03/04/2016

**Promoting a healthy environment.**

## 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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

Form WW-4 (B)  
Permit Copy  
(Rev 2/01)

Date: February 11, 2016  
Operator's Well  
Well No. 607965 (Kent Lorentz #1 7965)  
API Well No.: 47 097 - 00200

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

CK 20236  
(600)  
10000

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil  Gas  Liquid Injection  Waste Disposal:   
If Gas, Production  Or Underground storage  Deep  Shallow
- 5) Elevation: 1515 ft. Watershed: Bridge Run  
Location: Buckhannon County: Upshur Quadrangle: Berlin 7.5'  
District: \_\_\_\_\_
- 6) Well Operator EQT Production Company  
120 Professional Place  
Address: Bridgeport, WV 26330
- 7) Designated Agent: Rex C. Ray  
Address: 120 Professional Place  
Bridgeport, WV 26330
- 8) Oil & Gas Bryan Harris  
Name: P. O. Box 157  
Address: Volga, WV 26238
- 9) Plugging Contractor:  
Name: HydroCarbon Well Service  
Address: PO BOX 995  
Buckhannon, WV 26201

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

OFFICE USE ONLY

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Bryan O. Harris Date 2-22-16

**PLUGGING PROGNOSIS**

Lorantz, K. #7965 (607965)  
 Upshur Co. WV  
 District, Buckhannon  
 API # 47-097-00200

BY: Craig Duckworth  
 DATE: 12/1/15

**CURRENT STATUS:**

10" csg @303'  
 8 1/4" csg @ 928'  
 6 5/8" csg @ 2475' ( packer @ 2471')  
 Elevation @ 1520'

**TD: 4696'**

Fresh Water @ 69', 128', 901'    Coal @ none reported  
 Saltwater @2285'  
 Gas shows @ 2710', 4470', 4664', 4671'

SHOT 4660' TO 4688' IN 1943

1. Notify State Inspector, **Brian Harris @ 304-553-6087**, 48 hrs.prior to commencing operations.
2. Check TD w/wireline
3. TIH w/tbg to 4696', set 300' C1A cement plug from 4696' to 4396'. (Gas shows @ 4671', 4664', 4470') **TAG PLUG. MAKE SURE TOC IS ≥ 4396'.**
4. TOOH w/tbg to 4396', gel hole 4396' to 3500'
5. TOOH w/tbg to 3500' set 200' C1A cement plug from 3500' to 3300', (safety plug).
6. TOOH w/tbg to 3300' gel hole 3300' to 2760'.
7. TOOH w/tbg to 2760', set 100' C1A cement plug 2760' to 2660'. (Gas show @ 2710').
8. TOOH w/tbg to 2660' gel hole 2660' to 2525'
9. TOOH w/tbg, Free point 6 5/8" csg, cut csg @ free point, TOOH w/csg.
10. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
11. TIH w/tbg to 2525', set 200' C1A cement plug 2525' to 2325'. (6 5/8" csg @ 2475' & packer @ 2471').
12. TOOH w/tbg to 2325 gel hole from 2325' to 1520'.
13. TOOH w/tbg to 1520', set 100' C1A cement plug 1520' to 1420'. (elevation @ 1520').
14. TOOH w/tbg to 1420', gel hole 1420' to 978'.
15. TOOH w/tbg, Free point 8 1/4" csg, cut csg at free point, TOOH w/csg

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 Environmental Protection

16. TOOH w/tbg to 978', set 100' C1A cement plug 978' to 878'. (8 1/4" csg seat @ 928' & FW @ 901').
17. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
18. TIH w/tbg to 878' gel hole from 878' to 350'.
19. TOOH w/tbg to 350', set 350' C1A cement plug, 350' to 0. (10" csg @ 303' & FW @ 128' & 69')
20. Free point 10" casing, cut casing @ free point, TOOH w/csg.
21. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs
22. Erect monument with API#
23. Reclaim location and road to WV-DEP specifications.

IF ALL 10" IS PULLED PROCEED TO 20.  
IF SOME 10" REMAINS PROCEED TO STEP 21.

★ IF ALL OF 10" CASING IS PULLED IN STEP 19, THEN PROCEED TO STEP 20. SKIP STEP 21.

★ IF SOME OF THE 10" REMAINS IN THE HOLE, IN STEP 19, THEN PROCEED TO STEP 21.

gmm

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97002007

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Uns 200	47-097-00200	Gas Well		
Weston S.E. Quad.	607965	CASING & TUBING		
Company	Pittsburgh & West Va. Gas Co.			
Address	Clarksburg, W.Va.	10	303	303
Farm	Kent Lorentz et ux Acres 92	8 1/2	928	928
Location	Weston S/E 4-3	6 5/8	2475	2475
Well No	7965			
District	Elav. 1520' VA			
Surface	Buckhannon Upshur County	Anchor	Packor	
Mineral	Kent Lorentz, Buckhannon, W.Va.	Size	8 1/2 x 6 5/8	
Commenced	Same	Depth	2471'	
Completed	August 13, 1943			
Date shot	Nov. 9, 1943			
Open flow	11-17-43 Depth 4660 to 4683			
Volume	with 90 qts. Nitro Glycerine			
Rock Pressure	12/10ths W in 1 1/2"			
Fresh Water	72,000 G.F.			
	1225 lbs. 62 hrs.			
	69' 6 blrs. hr.; 128' H.F.			
	901' 3 blrs. hr.			
Salt Water	2285' 2 1/2 blrs. hr.			

Surface R	S		0	27	Slate	Wh	S	1524	1538
Gritty Lime	Wh	Broken	27	71	Red Rock Shells		H&S	1538	1553
Lime	Wh	Broken	71	150	Slate	Wh	S	1563	1583
Slate	Wh	S	150	165	Red Rock		S	1585	1608
Lime	Wh	H	165	210	Maxon Sand	Wh	H	1668	1700
Slate	Wh	S	210	238	Slate	Wh	S	1700	1714
Gritty Lime	Wh	H	238	250	Lime	Wh	H	1714	1728
Slate	Wh	S	250	257	Red Rock		S	1728	1813
Red Rock		S	257	275	Limo	Dk	H	1813	1833
Slate	Wh	H	275	292	Slate	Dk	S	1833	1935
Red Rock		S	292	304	Limo	Wh	H	1835	1866
Limo	Wh	H	304	338	Slate	Wh	S	1866	1875
Red Rock		S	338	420	Big Limo	Wh	H	1975	1962
Limo	Wh	Broken	420	448	Big Injun	Wh	H	1962	2087
Red Rock		S	448	470	Slate Shell		H&S	2087	2096
Slate	Dk	S	470	495	Lime Gritty	Wh	H	2096	2133
Slate	Wh	S	495	509	Squaw Sand	Wh	H	2133	2180
Limo	Wh	Broken	509	531	Slate	Dk	S	2180	2182
Slate	Wh	S	531	543	Berea	Wh	H	2182	2265
Lime	Wh	H	543	600	Slate	Wh	S	2265	2268
Red Rock		S	600	610	Gantz Sand	Wh	H	2268	2340
Lime, Broken	Wh	H&S	610	655	Slate & Shell	Wh	S-H	2340	2392
Slate	Dk	S	655	667	Red Limo		H	2392	2409
Lime	Wh	H	667	678	Sand	Lt	H	2409	2448
Slate	Wh	S	678	690	Red Rock		S	2448	2466
Red Rock		S	690	705	Gordon Stray		H	2466	2538
Limo	Wh	H	705	748	Slate	Wh	S	2538	2541
Slate	Wh	S	748	753	Gordon Sand	Red	H	2541	2552
Lime	Wh	H	753	765	Red Rock		S	2552	2655
Slate	Wh	S	765	790	4th Sand	Gr	H	2555	2606
Limo	Wh	H	790	847	Slate & Shells	Wh	S	2606	2624
Slate	Wh	S	847	851	Limo	Wh	H	2624	2645
Lime	Wh	H	851	883	Slate	Wh	S	2645	2655
Slate	Wh	S	883	882	5th Sand	Lt	Broken	2655	2718
Lime, Gritty	Wh	H	882	892	Slate	Wh	S	2718	2753
Big Dunkard	Wh	H	892	921	Lime Gritty	Wh	H	2753	2765
Slate	Wh	S	921	932	Sand	Gr	H	2765	2783
Limo	Wh	H	932	976	Slate & Shells	Wh	H-S	2783	2870
Slate	Dk	S	976	989	Limo	Wh	H	2870	2893
Limo	Wh	H	989	1004	Slate & Shells	Wh	H-S	2893	3051
Slate	Dk	H-S	1004	1019	Limo	Wh	H	3051	3076
Limo	Dk	H-S	1019	1064	Slate & Shells	Wh	H-S	3076	3153
Slate	Dk	S	1064	1080	Lime Gritty	Wh	H	3153	3293
Slate Shells	Dk	S-H	1080	1135	Slate & Shells	Wh	H-S	3293	3308
1st Salt Sand	Wh	Open	1135	1400	Lime Gritty	Wh	H	3308	3430
Slate	Dk	S	1400	1400	Slate & Shells	Wh	H-S	3430	3507
2nd Salt Sand	Wh	H	1400	1467	Lime Gritty	Wh	H	3507	3559
Slate	Dk	S	1467	1497	Slate & Shells	Wh	H-S	3559	3603
3rd Salt Sand	Wh	H	1497	1524	Lime Gritty	Wh	H	3603	3958
		(Con't. on Sheet #2)			Slate Shells	Wh	H-S	3958	4155

REC'D  
FEB 1 8 2116  
Department of Mines  
Oil & Gas Division

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

SHEET NUMBER TWO

Permit No. Ups 200  
Weston Quad. S.E.  
Company  
Address  
Farm  
Well No  
Location  
District

Gas Well

Pittsburgh & West Va. Gas Co.  
Clarksburg, W. Va.  
Kent Lorentz et ux Acres 92  
7965 Elev. 1520' VA  
Weston S/E 4-3  
Buchannon Upshur County

Continued from Page One

Lime	Wh	H	4155	4198
Slate & Shells	Wh	H&S	4198	4373
Lime	Wh	H	4373	4389
Slate & Shells	Wh	H&S	4399	4466
Riley Sand	Br	Broken	4466	4485
Slate & Shells	Wh	S	4485	4505
Lime	Wh	H	4505	4530
Slate & Shells	Wh	S	4530	4660
Benson Sand	Br	H	4660	4683
Slate & Shells	Wh	S	4683	4696
TOTAL DEPTH				4696

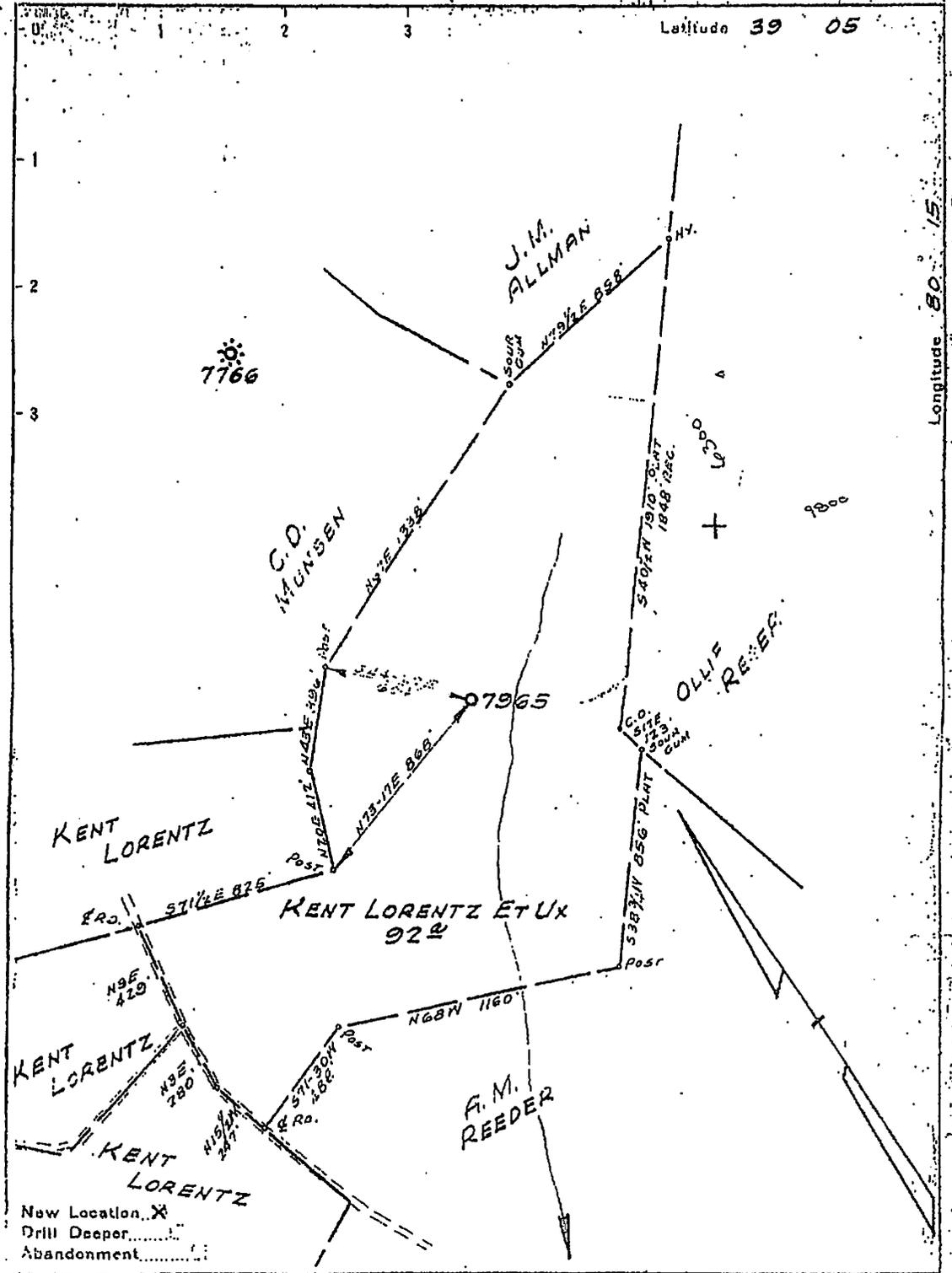
Gas 2710 6/10 W 1/2"  
Gas 4470-4475 34/10 W 1"  
Gas 4664-67  
Gas 4671-79 38/10 W 1"

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Company PITTSBURGH & W.V.G. GAS CO.  
 Address CLARKSBURG, W. VA.  
 Farm KENT LORENTZ ET UX  
 Tract. \_\_\_\_\_ Acres 92 Lease No. 21466-1  
 Well (Farm) No. ONE Serial No. 7965  
 Elevation (Spirit Level) 1620 V.A.  
 Quadrangle WESTON S. E. 43  
 County UPSHUR District BUCKHANNON  
 Engineer [Signature]  
 Engineer's Registration No. 1084  
 File No. V-12A, P-4 Drawing No. \_\_\_\_\_  
 Date JUNE 23, 1943 Scale 1" = 500'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON, W. VA.  
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 DEPT. OF OIL AND GAS  
 WELL LOCATION MAP  
 FILE NO. WV-2000-2016  
 FEB 10 2016

+ 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.

9700 2007

WW-4-A  
Revised 6/07

1) Date: February 11, 2016  
2) Operator's Well Number  
607965 (Kent Lorentz #1 7965)  
3) API Well No.: 47 097 - 00200  
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS**  
**NOTICE AND APPLICATION TO PLUG AND ABANDON WELL**

4) Surface Owner(s) to be served:	5) (a) Coal Operator:
(a) Name <u>Ward E. and Carolyn J. Canfield</u>	Name <u>None</u>
Address <u>388 Slab Run Road</u>	Address _____
<u>Kerens, WV 26276</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>James Lorentz</u>
_____	Address <u>Rt. 1, Box 104</u>
_____	Address <u>Buckhannon, WV 26201</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Bryan Harris</u>	(c) Coal Lessee with Declaration
Address <u>P. O. Box 157</u>	Name <u>None</u>
<u>Volga, WV 26238</u>	Address _____
Telephone <u>(304) 553-6087</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.

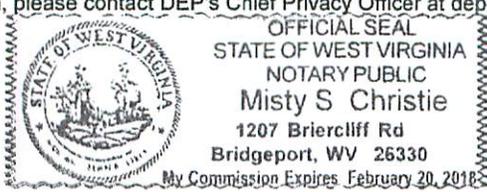
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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 Division 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:	<u>EQT Production Company</u>
By:	<u>Victoria J. Roark</u>
Its:	<u>Permitting Supervisor</u>
Address:	<u>PO Box 280</u>
	<u>Bridgeport, WV 26330</u>
Telephone:	<u>(304) 848-0076</u>

Subscribed and sworn before me this 17th day of February, 2016  
Misty S. Christie Notary Public  
 My Commission Expires: 2/20/18

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as 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).



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WV Department of Environmental Protection

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS  
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM  
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name: EQT PRODUCTION COMPANY OP ID: \_\_\_\_\_  
Watershed: Bridge Run Quadrangle: Berlin 7.5'  
Elevation: 1515 ft. County: Upshur District: Buckhannon

Description of anticipated Pit Waste: Formation Fluids

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes \_\_\_ No X  
Will synthetic liner be used in the pit? Yes Is so, what ml.? 40 mt 20 mil maximum must be used

Proposed Disposal Method for Treated Pit Wastes:  
X Land Application  
\_\_\_\_ Underground Injection - UIC Permit Number \_\_\_\_\_  
\_\_\_\_ Reuse (at API Number) \_\_\_\_\_  
\_\_\_\_ Offsite Disposal Permit #. \_\_\_\_\_  
\_\_\_\_ Other: Explain \_\_\_\_\_

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. \_\_\_\_\_  
If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_  
Additives to be used? \_\_\_\_\_

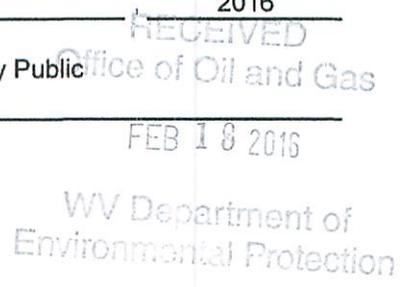
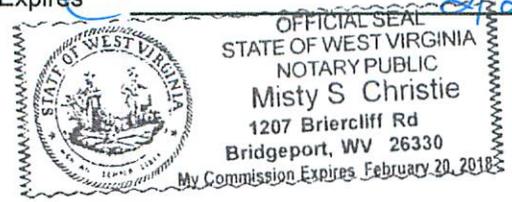
Will closed loop system be used? \_\_\_\_\_  
Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. \_\_\_\_\_  
If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust \_\_\_\_\_  
Landfill or offsite name/permit number? \_\_\_\_\_

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms 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 *Victoria Roark*  
Company Official (Typed or Printed) Victoria Roark  
Company Official Title Permitting Supervisor-WV

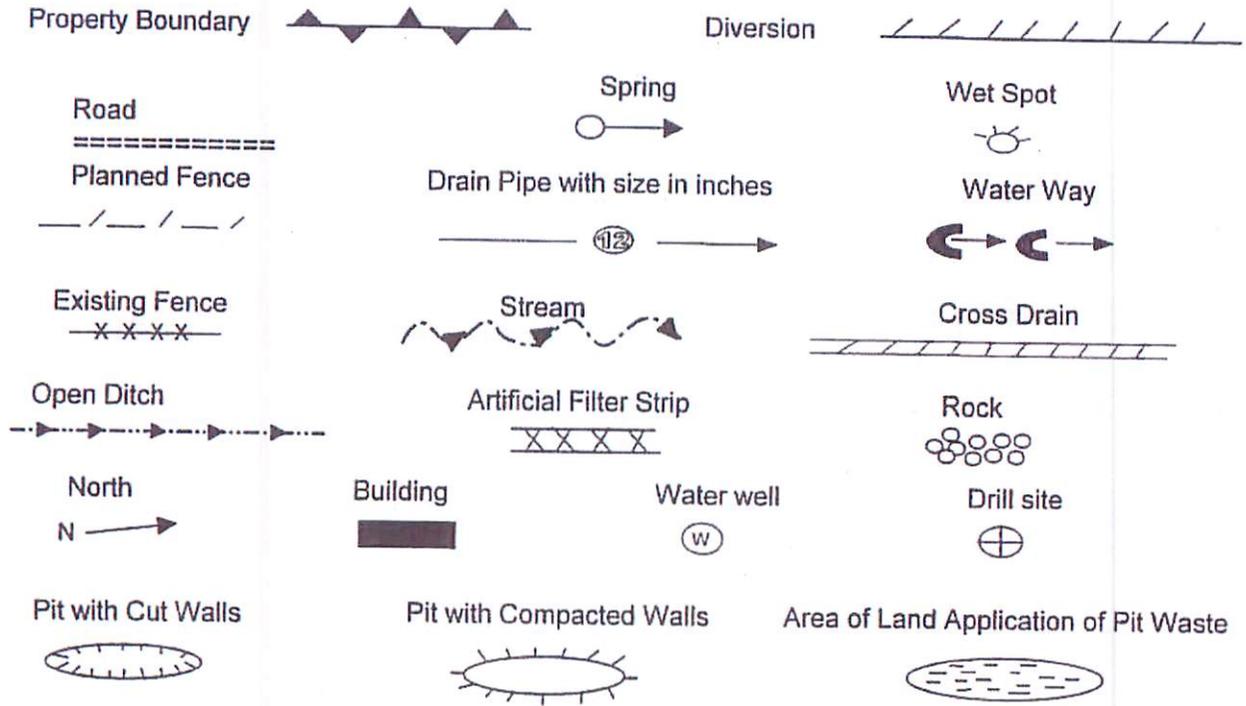
Subscribed and sworn before me this 17th day of February 2016

*Misty S. Christie* Notary Public  
My Commission Expires 2/20/18



**OPERATOR'S WELL NO.:**  
607965 (Kent Lorentz #1 7965)

**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH         

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20) or equivalent 1/3 ton lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre or hydroseed.

**SEED MIXTURES**

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

**ATTACH:**

Drawing(s) of road, location, pit and proposed area for land application.  
Photocopies section of involved 7.5' topographic sheet.

Plan approved by: Bryan O'Hara

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

Title: \_\_\_\_\_ Date: 5-22-16

Field Reviewed?  Yes  No

9700200P

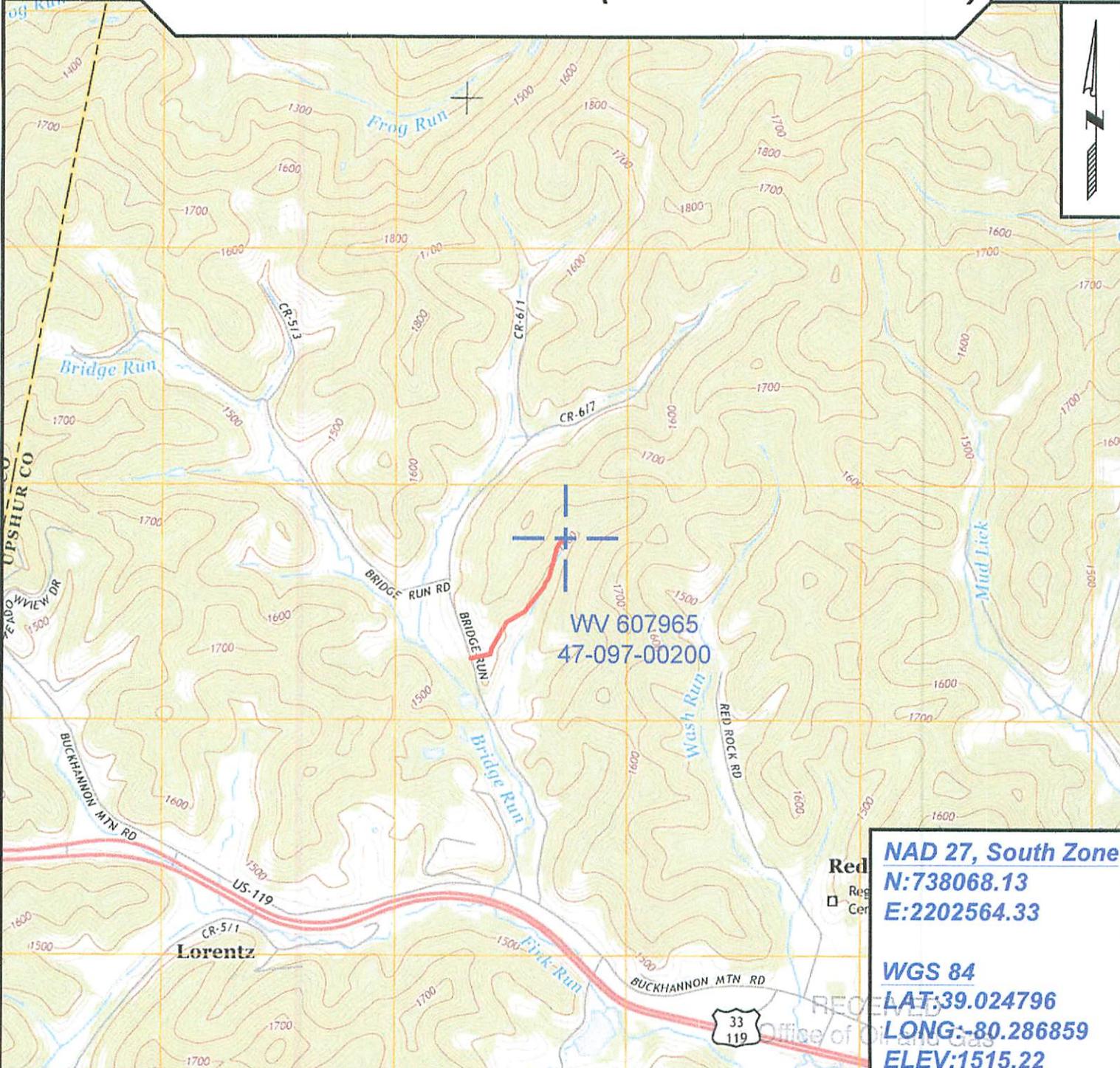
Topo Quad: Berlin 7.5' Scale: 1" = 2000'

County: Upshur Date: January 28, 2016

District: Buckhannon Project No: 39-09-00-09

# 47-097-00200 WV 607965 (Kent Lorentz #1 7965)

Topo



WV 607965  
47-097-00200

**NAD 27, South Zone**  
**N:738068.13**  
**E:2202564.33**

**WGS 84**  
**LAT:39.024796**  
**LONG:-80.286859**  
**ELEV:1515.22**



**SURVEYING AND MAPPING SERVICES PERFORMED BY:**  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606  
 237 Birch River Road  
 Birch River, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

**PREPARED FOR:** FEB 18 2016  
**EQT Production Company**  
 Environmental Protection  
 P.O. Box 280  
 Bridgeport, WV 26330

9700200P

WW-7  
8-30-06



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

API: 47-097-00200 WELL NO.: WV 607965 (Kent Lorentz #1 7965)

FARM NAME: Kent Lorentz

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Upshur DISTRICT: Buckhannon

QUADRANGLE: Berlin 7.5'

SURFACE OWNER: Ward E. and Carolyn J. Canfield

ROYALTY OWNER: Jimmie Lorentz, et al.

UTM GPS NORTHING: 4319770

UTM GPS EASTING: 561731 GPS ELEVATION: 462 m (1515 ft)

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 X: Post Processed Differential X  
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.

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Office of Oil and Gas

FEB 18 2016

*Steve Brown*  
Signature

PS # 2180  
Title

2/4/16  
Date  
Department of Environmental Protection

97002007

Topo Quad: Berlin 7.5' Scale: 1" = 2000'

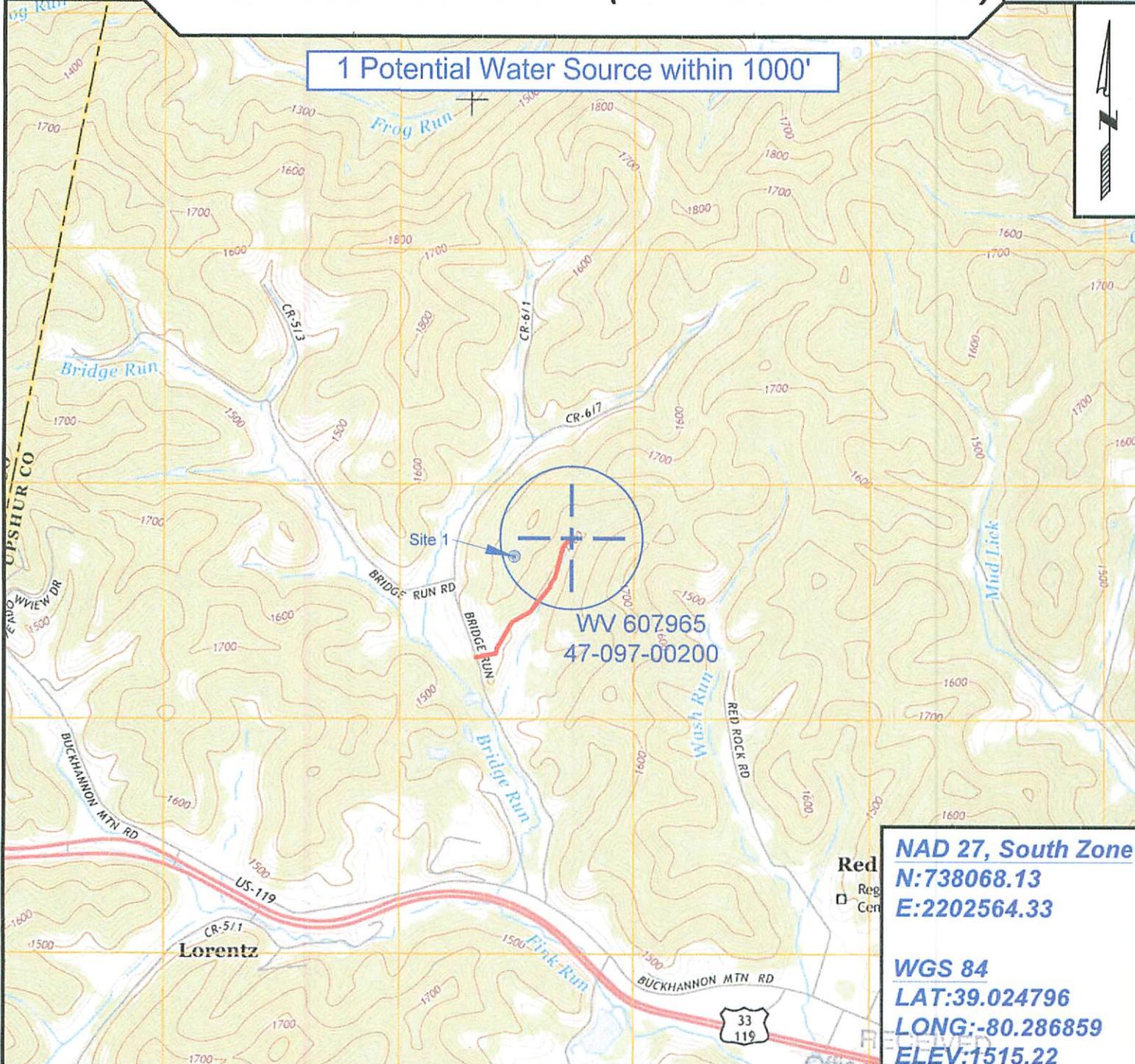
County: Upshur Date: January 28, 2016

District: Buckhannon Project No: 39-09-00-09

Water

# 47-097-00200 WV 607965 (Kent Lorentz #1 7965)

1 Potential Water Source within 1000'



**NAD 27, South Zone**  
**N:738068.13**  
**E:2202564.33**

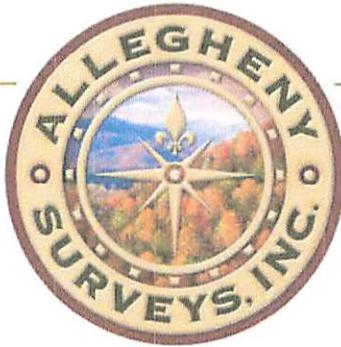
**WGS 84**  
**LAT:39.024796**  
**LONG:-80.286859**  
**ELEV:1515.22**



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606  
 237 Birch River Road  
 Birch River, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

PREPARED FOR:  
**EQT Production Company**  
 FEB 19 2016  
 P.O. Box 280  
 Bridgeport, WV 26330  
 Department of Environmental Protection

9700200P



## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
LEASE NAME AND WELL No. Kent Lorentz #7965 - WV 607965 - API No. 47-097-00200

### POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 840 +/- Owner: Ward Canfield  
Address: 388 Slab Camp Road, Kerens, WV 26276 Phone No. \_\_\_\_\_  
Comments: Gas well on this property.

**BIRCH RIVER OFFICE**  
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