



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, March 15, 2017  
WELL WORK PERMIT  
Vertical / Plugging

EQT PRODUCTION COMPANY (A)  
120 PROFESSIONAL PLACE  
BUILDING II  
BRIDGEPORT, WV 26330

Re: Permit approval for 7609  
47-007-00028-00-00

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: 7609  
Farm Name: ROLLISON, L. A.  
U.S. WELL NUMBER: 47-007-00028-00-00  
Vertical / Plugging  
Date Issued: 3/15/2017

Promoting a healthy environment.

03/17/2017

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

PLUGGING PROGNOSIS

**Rollyson, L.A. #7609 (607609)**

Braxton, County, West Virginia  
API # 47-007-00028  
Gassaway Quad

BY: Craig Duckworth  
DATE: 12/19/2016

**CURRENT STATUS:**

10" csg @ 195'  
8 1/4" csg @ 801'  
6 5/8" csg @ 1893'  
Packer @ 1860' (8 1/4" x 6 5/8")

TD @ 1962'

Fresh Water @ none reported      Salt Water @ none reported

Salt Sand @ 1230'      Coal @ none reported

Gas shows @ Lime 1352' Blue Monday 1864', Big Injun 1950' Oil Shows @ none reported

Stimulation: none reported      Elevation @ 995' *DM*

1. Notify State Inspector, Danny Mullins 304-932-6844, and 24 hrs prior to commencing operations.
2. Attempt to pull 6 5/8" with packer @ 1893'. Free point 6 5/8" if unable to pull. Shoot off at top of packer and plug from there @ 1860'. *SPOT GEL.*
3. TIH w/ tbg @ 1860'; Set 100' C1A Cement Plug @ 1860' to 1760' (Gas Shows @ 1950' & 1864')
4. TOOH w/ tbg & pull 6 5/8"
5. TIH w/ tbg @ 1760'; gel hole @ 1760' to 1352'.
6. TOOH w/ tbg @ 1352'; Set 100' C1A Cement Plug @ 1352' to 1180' (Gas Show @ 1352' & Salt Sand @ 1230') *Elevation 995' set 100' plug above's elevation*
7. TIH w/ tbg @ 1180'; gel hole @ 1180' to 851'
8. TOOH w/ tbg . Free Point 8 1/4" csg. Cut or pull 8 1/4"
9. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas Shows below 8 1/4". Do not omit any plugs.
10. TIH w/ tbg @ 851'; gel hole @ 851' to 200'
11. TOOH w/ tbg @ 245' ; Set 245' C1A Cement Plug @ 245' to surface' (10" csg set )
12. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas Shows. Do not omit any plugs.
13. Top off as needed
14. Set Monument to WV-DEP Specifications
15. Reclaim Location & Road to WV-DEP Specifications.

770028P

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Mansuway N.W. 4-*  
Permit No. Brax-28

WELL RECORD

Oil or Gas Well Gas  
(Kind)

Company Pittsburgh & West Va Gas Company  
 Address Clarksburg, West Va.  
 Farm L. A. Rollyson Acres 53  
 Location (waters) Gassaway, N/W. 4/1  
 Well No. 7609 Elev. 995  
 District Birch County Braxton  
 The surface of tract is owned in fee by E. B. Dunlap  
 Address Lavis, W. Va.  
 Mineral rights are owned by L. A. Rollyson  
 Address Frametown, W. Va.  
 Drilling commenced July 15th, 1937  
 Drilling completed August 22nd, 1937  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Open Flow 72 /10ths Water in \_\_\_\_\_ Inch  
1-1/2" /10ths Merc. in \_\_\_\_\_ Inch  
 Volume 650,000 Cu. Ft.  
 Rock Pressure 805 lbs. 72 hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
10			Kind of Packer
12	16		Anchor
10	195	195	Size of _____
8 3/4	801	801	6-5/8"
6 5/8	1893	1893	Depth set 1850
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ I  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCH  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCH  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCH

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	20			
Red Rock	Red	"	20	35			
Blue Rock	Blue	"	35	45			
Gritty Lime	Light	Hard	45	85			
Sand	"	"	85	110			
Red Rock	Red	Soft	110	160			
Sand	Light	Hard	160	170			
Blue Rock	Blue	"	170	180			
Red Rock	Red	Soft	180	220			
Blue Rock	Blue	Hard	220	235			
Red Rock	Red	Soft	235	300			
Lime	Blue	Hard	300	345			
Red Rock	Red	Soft	345	355			
<del>Light</del> Blue Rock	Light	Soft	355	370			
Lime	Light	Hard	370	390			
Slate	"	Soft	390	420			
Lime	"	Hard	420	520			
Slate	"	Soft	520	525			
Sand	"	Hard	525	625			
Slate	"	Soft	625	628			
Sand	"	Hard	628	675			
Slate	Dark	Soft	675	685			
Lime	"	Hard	685	700			
Sand	"	"	700	750			
Slate	"	Soft	750	755			
Lime	White	Hard	755	770			
Slate	Dark	Soft	770	780			
Lime	"	Hard	780	795			
Sand	Light	"	795	870			
Slate	Dark	Soft	870	875			
Lime	"	Hard	875	910			
Slate	"	Soft	910	1005			
Sand	Light	Hard	1005	1040			
Slate	Dark	Soft	1040	1080			
Sand	Light	Hard	1080	1126			
Slate-Shell	Dark	Hard&Soft	1126	1172			
Lime	Light	Hard	1172	1220			
Slate	Dark	Soft	1220	1230			
1st. Salt Sand	Light	Hard	1230	1290			
Slate	Black	Soft	1290	1300			
Lime	Dark	Hard	1300	1320			

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JAN 11 2017

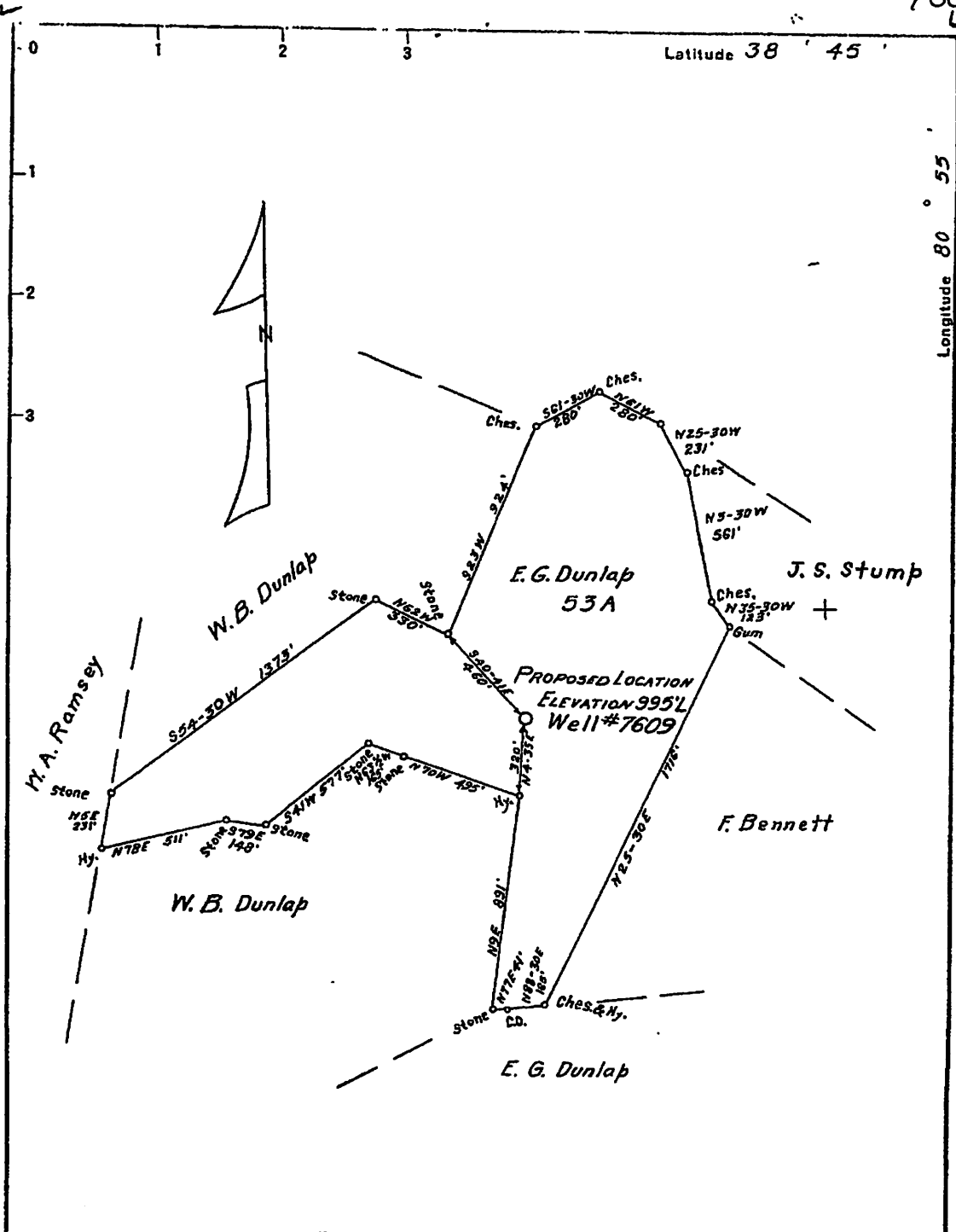
WV Department of  
Environmental Protection  
03/17/2017

ORA 28 700028 P

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Dark	Soft	1350	1352			
Lime	"	Hard	1352	1375			
Slate-Shells	"	Soft	1375	1430	Oil Gas	1352'	S.L.1354'
Lime	Black	Hard	1430	1430			
Slate	"	Soft	1430	1505			
Lime	"	Hard	1505	1515			
Slate	Dark	Soft	1515	1525			
2nd.Salt Sand	Light	Hard	1525	1552			
Slate	Black	Soft	1552	1555			
Lime	Dark	Gritty	1555	1575			
Sand	Light	Hard	1575	1580			
Lime	Dark	"	1580	1600			
Slate	"	Soft	1600	1610			
Lime	"	Hard	1610	1628			
Slate	"	Soft	1628	1655			
3rd.Salt Sand	Lite	Hard	1655	1710			
Red Rock	Red	Soft	1710	1760			
Lime	Light	Hard	1760	1765			
Slate	"	Soft	1765	1780			
Lime	Dark	Hard	1780	1815			
Slate	Light	Soft	1815	1835			
Lime	"	Hard	1835	1846			
Slate	Dark	Soft	1846	1848			
Blue Monday	Grey	Hard	1848	1872	Gas	1864-70'	57/10 W 1- S.L.1665'
Slate	Lite	Soft	1872	1878			
Big Lime	Dark	Hard	1878	1950			
Big Injun	"	"	1950		Gas	1950-60'	110/10 M 1-1/2" Opx S.L.1994'
Total Depth				1962'			

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 Date September 17th 1957  
 Office of Oil and Gas  
 APPROVED Pittsburgh West Va Gas Co. ow  
 By [Signature] JAN 11 2017  
 (Title)  
 WV Department of  
 Environmental Protection

700028P



Company PITTSBURGH & W.VA GAS CO.  
 Address UNION BANK BLDG, CLARKSBURG, W.V.  
 Farm L.A. ROLLYSDN  
 Tract \_\_\_\_\_ Acres 5.3 Lease No. 22230  
 Well (Farm) No. 1 Serial No. 7609  
 Quadrangle GASSAWAY N.W. 4-4  
 County BRAXTON  
 District BIRCH  
 Engineer James D. Jeffries  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MARCH 26, 1937 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. BRAX-28

+ Denotes location of well on U.S. 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.

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PRINTED ON  
 "IMPERIAL" TRACING PLOT  
 4 x 11 IN. P. 1

Date: January 3, 2017  
Operator's Well  
Well No. 607609 (L. A. Rollyson #7609)  
API Well No.: 47 007 - 00028

CK 22164  
100<sup>00</sup>

STATE OF WEST VIRGINIA  
DIVISION 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 \_\_\_\_\_ Shallow X
- 5) Elevation: 977 ft. Watershed: Upper Sleith Fk. Of Steer Ck.  
Location: Birch County: Braxton Quadrangle: Rosedale 7.5'  
District: \_\_\_\_\_
- 6) Well Operator EQT Production Company  
Address: 120 Professional Place  
Bridgeport, WV 26330
- 7) Designated Agent: Rex C. Ray  
Address: 120 Professional Place  
Bridgeport, WV 26330
- 8) Oil & Gas Danny Mullins  
Name: 220 Jack Acres Road  
Address: Buckhannon, WV 26201
- 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 *Danny Mullins* Date 1-23-17

700028P

WW-4-A  
Revised 6/07

1) Date: January 3, 2017  
2) Operator's Well Number  
607609 (L. A. Rollyson #7609)  
3) API Well No.: 47 007 - 00028  
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:  
(a) Name Gary Joe and Janette McCourt ✓  
Address Joshua Wilson  
188 Hippiie Joe Road  
Frametown, WV 26623  
(b) Name Clyde and Mary Putnam ✓  
Address 550 Paw Paw Lane  
Wilsie, WV 26623  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Danny Mullins  
Address 220 Jack Acres Road  
Buckhannon, WV 26201  
Telephone (304) 932-6844

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Stephen Duffield Campanella ✓  
Address 910 Fox Chapel Road  
Pittsburgh, PA 15238  
Name See Attachment  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_

**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.

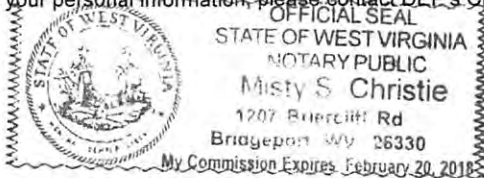
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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

Subscribed and sworn before me this 4th day of January, 2017  
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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WW2-A

**Additional Coal Owners**

John Campanella  
2401 S Santa Fe Ave. # 207  
Las Angeles, CA 90058-1150

Francis Perine  
2506 Verde Rd., SW  
Albuquerque, NM 87105

Frank J. Perine  
12057 Yearling  
Cerritos, CA 90701

Ileana R. Crowley  
6013 Roosevelt Street  
Bethesda, MD 20817-3849

Pauline E. Perine  
7901 19<sup>th</sup> Street  
Westminster, CA 92683

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Environmental Protection  
637-712017

700028A

WW-9  
Revised 5/16

Page \_\_\_\_\_ of \_\_\_\_\_  
2) Operator's Well Number  
**607609 (L. A. Rollyson #7609)**  
3) API Well No.: 47 007 - 00028

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

Operator Name: EQT PRODUCTION COMPANY OP CODE: \_\_\_\_\_

Watershed (HUC 10): Upper Sleith Fk. Of Steer Ck. Quadrangle: Rosedale 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes \_\_\_ No X

Will a pit be used? Yes X No \_\_\_

If so, please describe anticipated pit waste: \_\_\_\_\_ **Formation Fluids** \_\_\_\_\_

Will a synthetic liner be used in the pit? Yes X No \_\_\_ Is so, what ml.? ~~40 ml~~ 20 ml.

- Proposed Disposal Method for Treated Pit Wastes:
- \_\_\_\_\_ Land Application (if selected provide a completed form WW-9-GPP)
  - \_\_\_\_\_ Underground Injection (UIC Permit Number \_\_\_\_\_)
  - X \_\_\_\_\_ Reuse (at API Number -- Various \_\_\_\_\_)
  - X \_\_\_\_\_ Off Site Disposal Permit (Supply form WW-9 for disposal location. See attachment)
  - \_\_\_\_\_ Other: (Explain \_\_\_\_\_)

Will closed loop system be used ? If so, describe: \_\_\_\_\_

Drilling medium anticipated for this well? (vertical and horizontal)? Air, freshwater, oil based, etc. \_\_\_\_\_

If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? \_\_\_\_\_

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? \_\_\_\_\_

Permittee shall provide written notice to the Office of the 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 Division 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

Company Official Signature \_\_\_\_\_

Company Official (Typed Name) Victoria J. Roark

Company Official Title Permitting Supervisor - WV

Subscribed and sworn before me this 4th day of January

My Commission Expires 2/20/18

*Victoria J. Roark*  
*Misty S. Christie*

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Office of Oil and Gas

JAN 11 2016

Notary Public  
Misty S. Christie  
1207 Bridgeport, WV 26330  
My Commission Expires February 20, 2018

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**EQT Production Water plan**  
**Offsite disposals**

**Waste Management - Meadowfill Landfill**

Rt. 2, Box 68 Dawson Drive  
Bridgeport, WV 26330  
304-326-6027  
Permit #SWF-1032-98  
Approval #100785WV

**Waste Management - Northwestern Landfill**

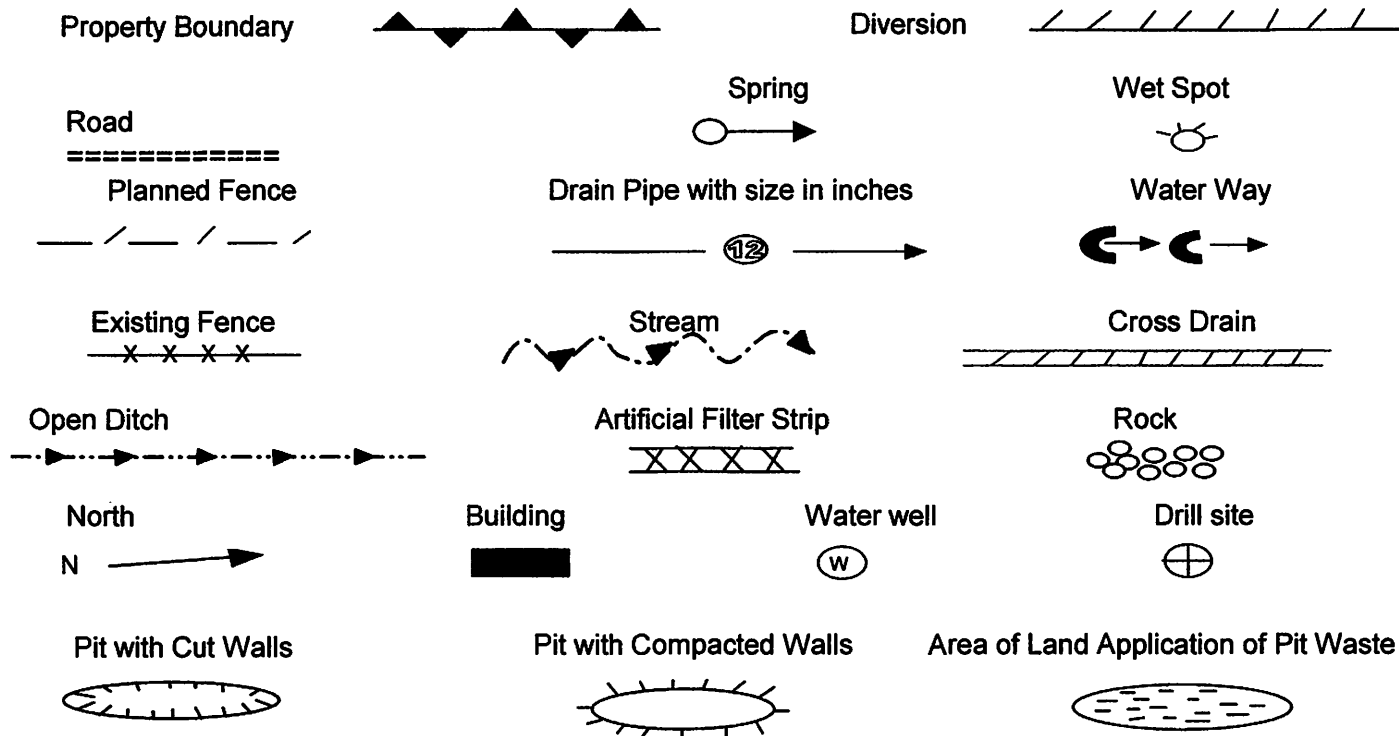
512 E. Dry Road  
Parkersburg, WV 26104  
304-428-0602  
Permit #SWF-1025 WV-0109400  
Approval #100833WV

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**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: \_\_\_\_\_

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

Title: \_\_\_\_\_  
Field Reviewed?          Yes          No

Date: JAN 11 2017

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**WV Department of**  
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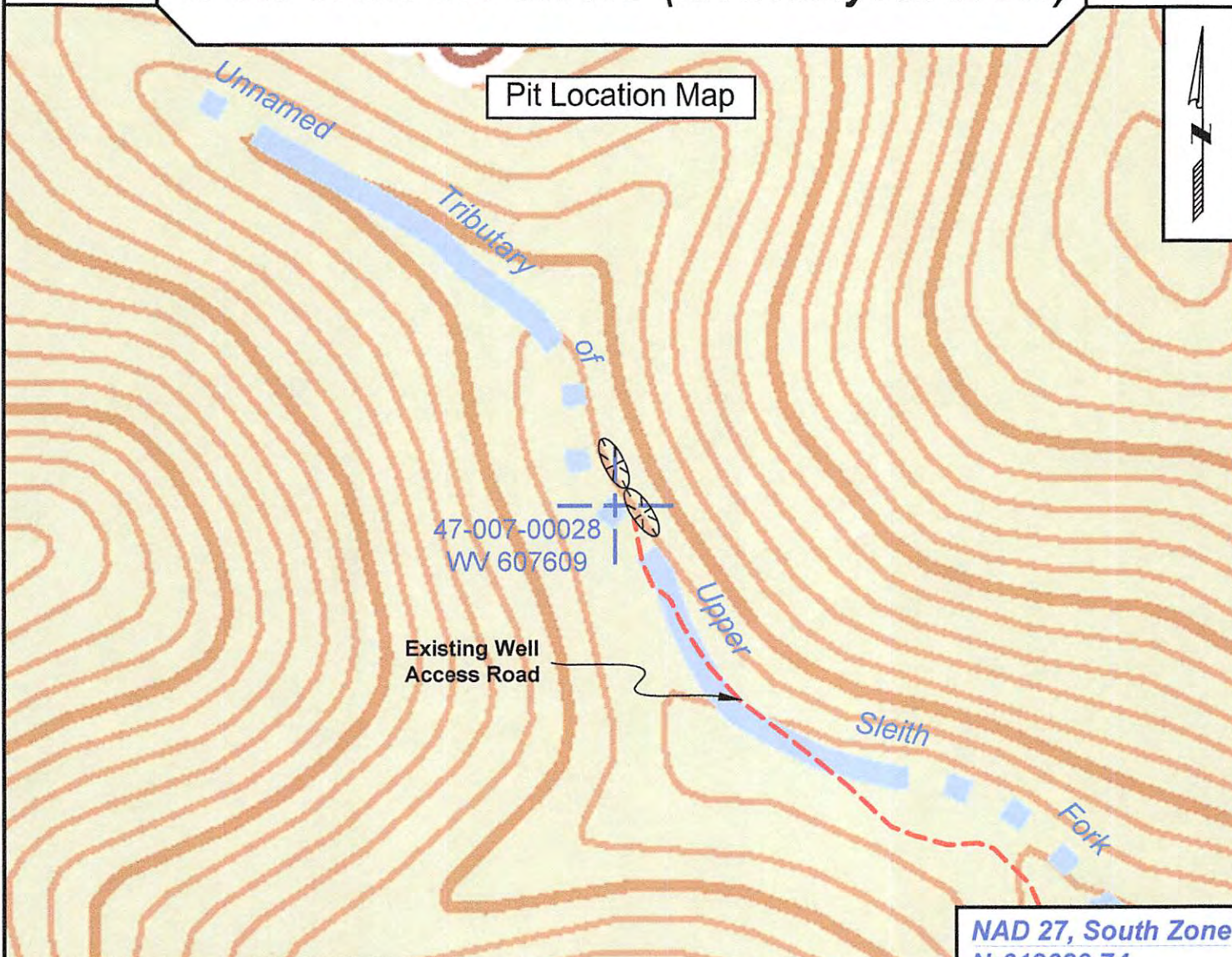
Topo Quad: Rosedale 7.5' Scale: 1" = 200'

County: Braxton Date: October 21, 2016

District: Birch Project No: 40-02-00-07




47-007-00028 WV 607609 (L. A. Rollyson #7609)

Topo



Pit Location Map

LEGEND

- PIT-CUT WALLS 
- PIT-COMPACTED WALLS 
- AREA OF LAND APPLICATION OF PIT WASTE 

NAD 27, South Zone  
N:612620.74  
E:2018728.82

WGS 84  
ELEV: 977.12  
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JAN 11 2017



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**  
 WV Dept of Environmental Protection  
 P.O. Box 200  
 Bridgeport, WV 26330

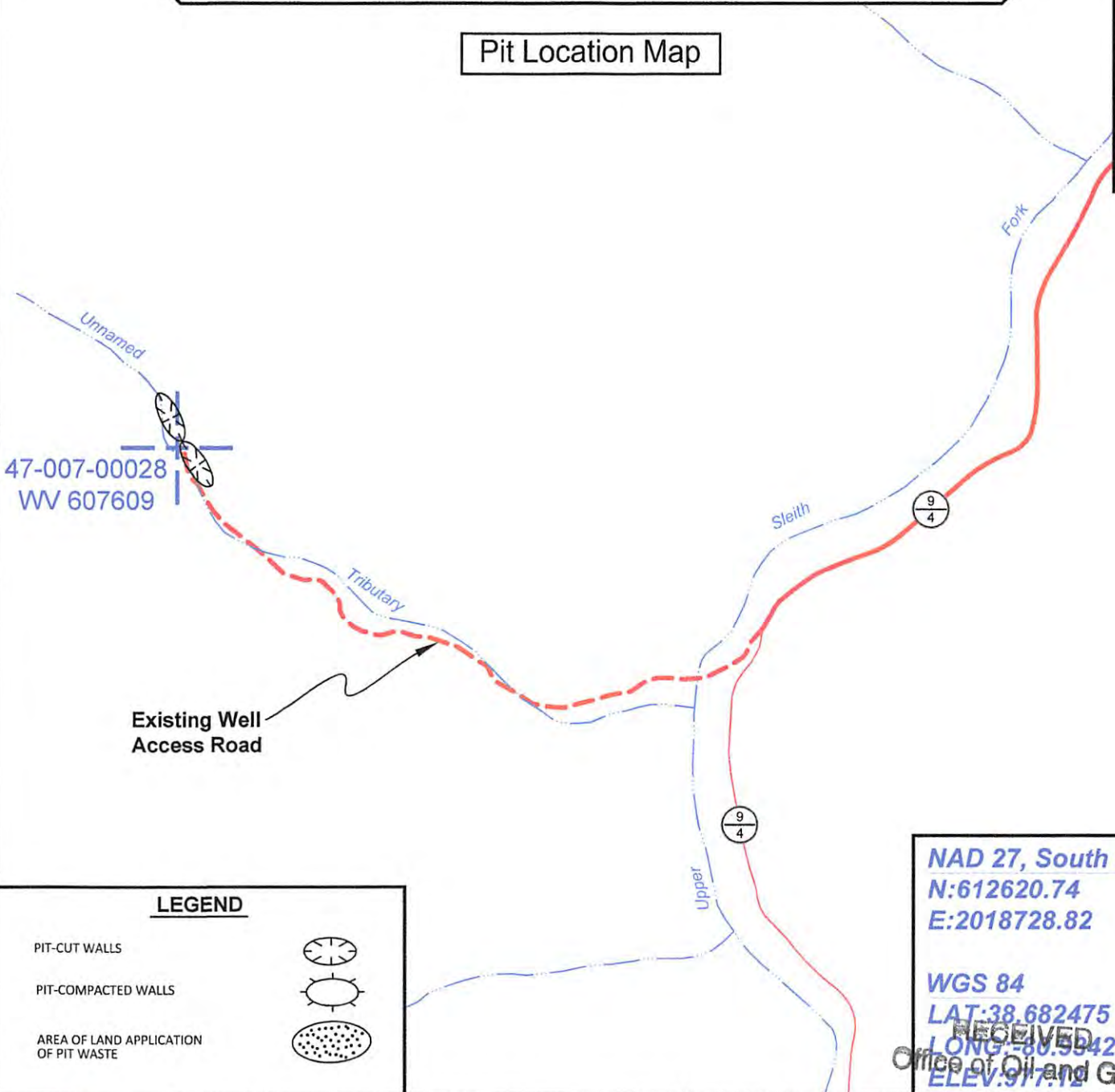
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Topo Quad: Rosedale 7.5' Scale: 1" = 500'  
 County: Braxton Date: October 21, 2016  
 District: Birch Project No: 40-02-00-07

Highway **47-007-00028 WV 607609 (L. A. Rollyson #7609)**

Pit Location Map



Existing Well  
Access Road

LEGEND

PIT-CUT WALLS



PIT-COMPACTED WALLS



AREA OF LAND APPLICATION  
OF PIT WASTE



NAD 27, South Zone  
N:612620.74  
E:2018728.82

WGS 84  
LAT:38.682475  
LONG:-80.594221  
ELEV:977.12

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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**

WV Department of  
Environmental Protection

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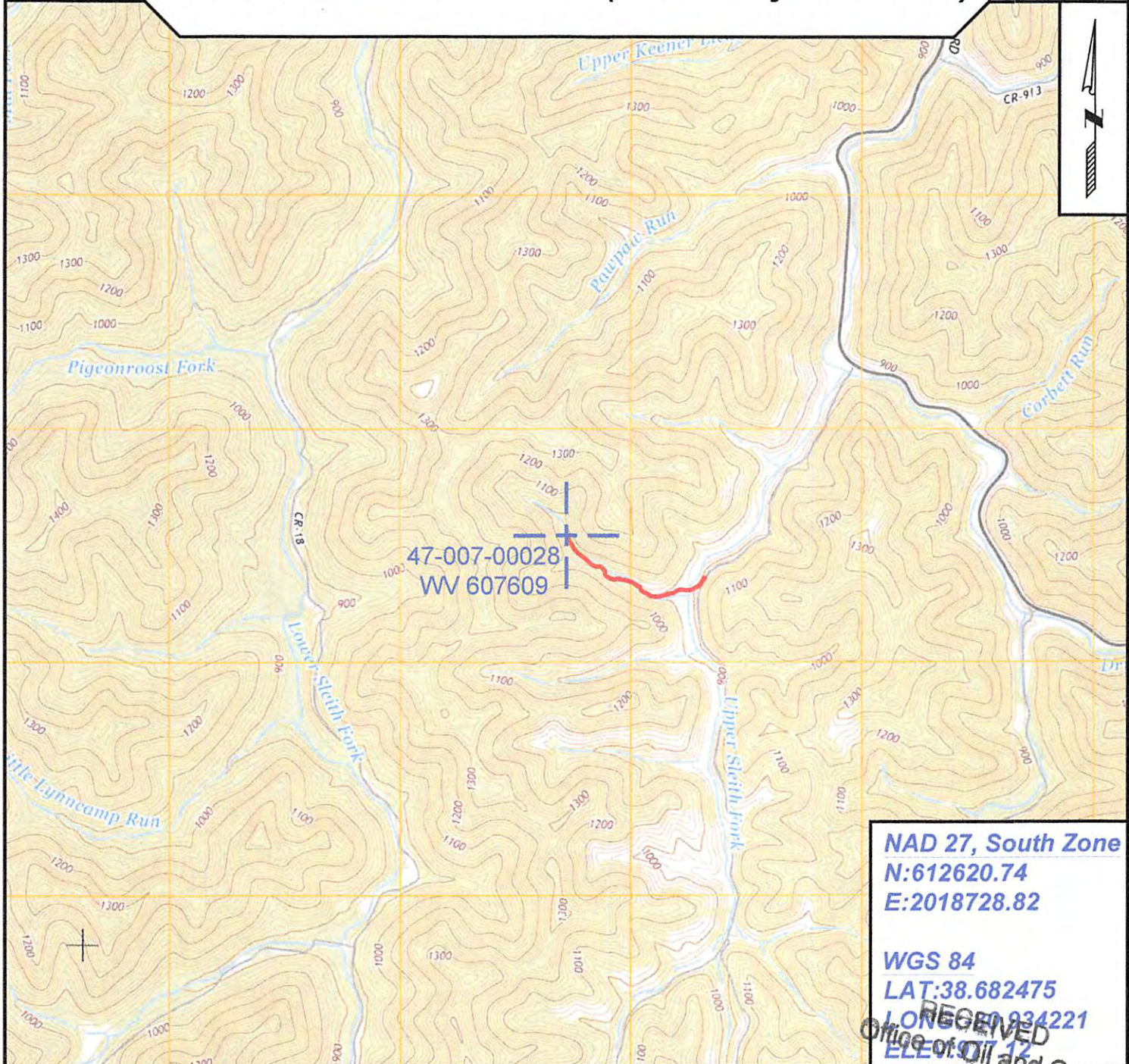
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County: Braxton Date: October 21, 2016

District: Birch Project No: 40-02-00-07

# 47-007-00028 WV 607609 (L. A. Rollyson #7609)

Topo



NAD 27, South Zone  
 N:612620.74  
 E:2018728.82

WGS 84  
 LAT:38.682475  
 LONG:82.4221  
 ELEV: 912

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 Office of Oil and Gas



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**  
 P.O. Box 289  
 Bridgeport, WV 26330  
 WV Department of Environmental Protection  
 JAN 11 2017  
 03/17/2017







### POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
LEASE NAME AND WELL No. L. A. Rollyson #7609 - WV 607609 - API No. 47-007-00028

#### POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 607609.

**BIRCH RIVER OFFICE**  
237 Birch River Road  
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**MARTINSBURG OFFICE**  
25 Lights Addition Drive  
Martinsburg, WV 25404  
*phone:* 304-901-2162  
*fax:* 304-901-2162

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WV Department of  
Environmental Protection

700028P

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

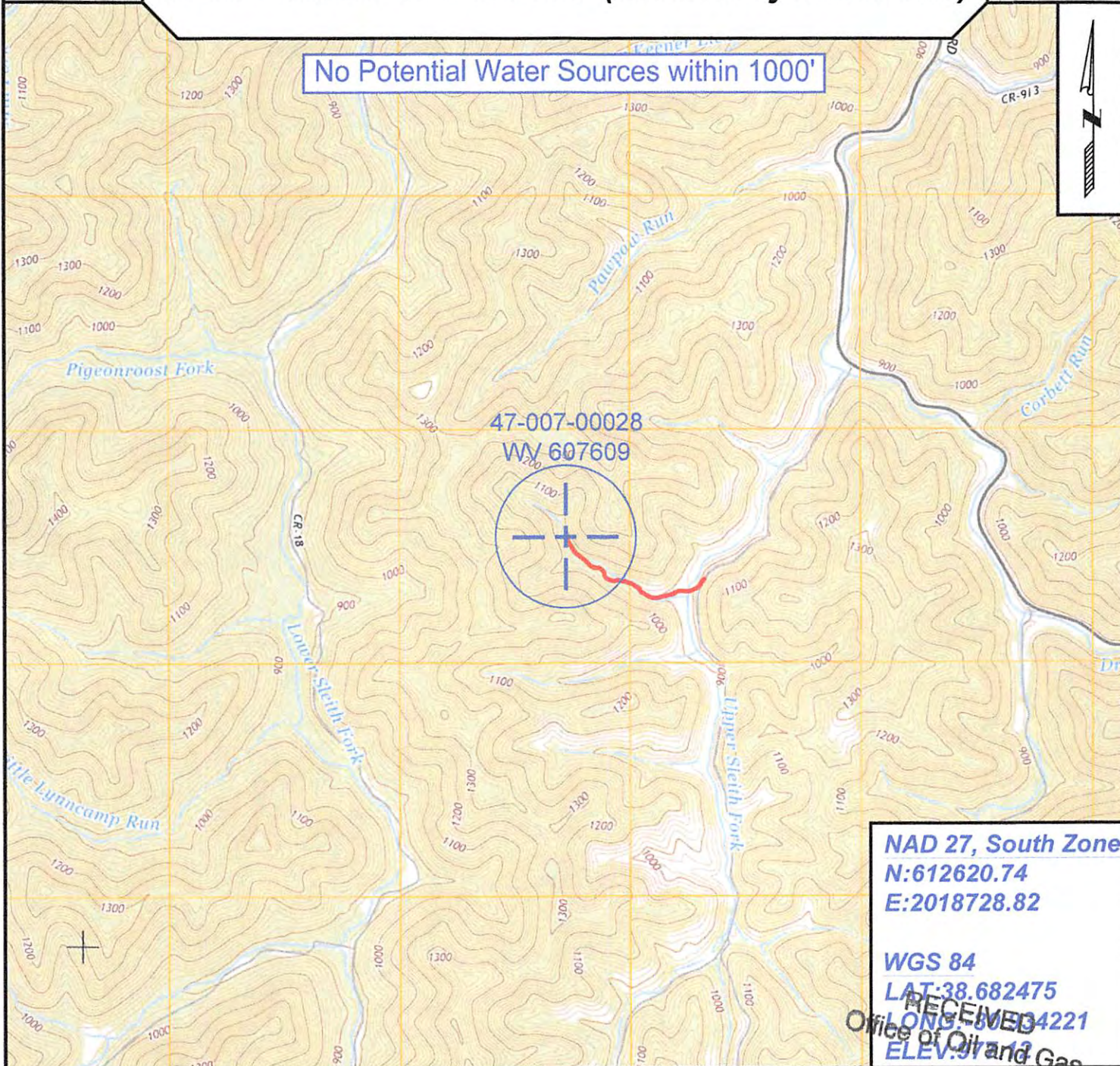
County: Braxton Date: October 21, 2016

District: Birch Project No: 40-02-00-07

Water

47-007-00028 WV 607609 (L. A. Rollyson #7609)

No Potential Water Sources within 1000'



47-007-00028  
WV 607609

NAD 27, South Zone  
N:612620.74  
E:2018728.82

WGS 84  
LAT:38.682475  
LONG:-80.4221  
ELEV:97

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