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

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

Thursday, September 22, 2016
WELL WORK PERMIT
Vertical / Plugging

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

Re: Permit approval for 8139
47-097-00338-00-00

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: 8139
Farm Name: POST, CLARA E.
U.S. WELL NUMBER: 47-097-00338-00-00
Vertical / Plugging
Date Issued: 9/22/2016

Promoting a healthy environment.

9700338P

# 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 within two years of the date of issuance of this permit.

97 00338P

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

Date: August 23, 2016
Operator's Well
Well No. 608139 (Clara Post #8139)
API Well No.: 47 097 - 00338

CK 20806
100.00

# 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: 1569 ft. Watershed: Mud Lick
Location: District: Buckhannon County: Upshur Quadrangle: Berlin 7.5

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 Inspector
Name: Bryan Harris
Address: P. O. Box 157, 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.**

a7

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 Harris Date 9-13-16

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PLUGGING PROGNOSIS

C.E.Post #8139
608139
District, Buckhannon
Upshur, WV
API # 47-097-00338
BY: R. Green
DATE: 11/30/15

***CURRENT STATUS:***
Elevation @ 1584'
TD @ 4639'
10" csg @ 307'
8 1/4" csg @ 942'
6 5/8" csg@ 2489'
Freshwater, @ 50'
Saltwater @ none reported
Gas show @ 907', 1172', 2689', &4621'
Oil shows @ none reported
Coal @ 138'&561'

1. Notify State Inspector, Bryan Harris, 304-553-6087, 24 hrs. prior to commencing operations.
2. RIH check TD. SPOT GEL.
3. TIH tbg to 4625', set 200' C1A cement plug, 4625' to 4425'. (gas show @ 4621') WAIT 4 HOURS & CHECK TOC, ADD IF NEEDED.
4. TOOH tbg to 4425', gel hole 4425' to 3500'.
5. TOOH tbg to 3500', set 200' C1A cement plug 3500' to 3300'.(safety plug).
6. TOOH tbg to 3300', gel hole 3300' to 2700'.
7. TOOH tbg to 2700', set 400' C1A cement plug, 2700' to 2300'. (Gas @ 2689', 6 5/8" casing seat).TOOH tbg.
8. Free point 6 5/8" casing, cut casing at free point. TOOH casing. (est @ 2000')
9. 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.
10. TOOH tbg to 1950', gel hole 1950' to 1600'.
11. TOOH tbg to 1600', set 300' C1A cement plug , 1600' to 1300'.(Elevation)
12. TOOH tbg to 1300', gel hole 1300' to 1200'.
13. TOOH tbg to 1200', set 450' C1A cement plug 1200' to 750', (Gas @ 1172', 8 ¼" casing seat, gas @ 912', 8 ¼" packer seat). TOOH tbg.
14. Free point 8 ¼" casing, cut casing @ free point. TOOH casing.
15. 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.
16. TOOH tbg to top of casing cut plug, gel hole from top of cut plug to 600'
17. TOOH tbg to 600', set 100' C1A cement plug 600' to 500'( coal @ 561')
18. TOOH tbg to 500', gel hole 500' to 350'.
19. TOOH tbg to 350', set 100' C1A cement plug 350' to 250' (10" casing seat).TOOH tbg.
20. Perforate 10" casing with 3 shots each @ 200', 150', 100', and 50'.
21. TIH tbg to 250', set 250' C1A cement plug 250' to surface.
22. Erect monument with API# and date plugged.
23. Reclaim location, roads to WV-DEP specifications.

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WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Ups 338
Weston Quad.

| | |
|---|---|
| Company | Pittsburgh & W.Va. Gas Company |
| Address | Clarksburg, W.Va. |
| Farm | Clara E. Post et vir A 28 |
| Location | Weston S/E 4-2-4 |
| Well No. | 8139 Elev. 1584' Va |
| District | Buckhannon Upshur County |
| Surface | Clara E. Post R.D. #1 Buckhannon, W.Va. |
| Mineral | Clara E. Post R.D. #1, Buckhannon, W.Va. |
| Commenced | Nov. 20, 1947 |
| Completed | April 21, 1948 |
| Date shot | 2-2-48 Depth 2664 to 2701' |
| | 92 qts. nitro glycerine |
| Open flow | 20/10ths M in 1" |
| Volume | 121,000 CuF. |
| Rock Pressure | 1350 lbs. 24 hrs. |
| Water | 50' 2 blrs. hr. |

Gas Well
CASING & TUBING

| | | |
|---|---|---|
| 10 | 307 | 307 |
| 8¼ | 942 | 942 |
| 6 5/8 | 2489 | 2489 |

Anchor Packer
Size 10 x 8¼
Depth 802'

Perf. top 912'
bot 920'

Coal at 138' 36";
561' 36"

| | | | |
|---|---|---|---|
| Clay R | S | 0 | 28 |
| Sand Dk | H | 28 | 62 |
| Lime Dk | H | 62 | 135 |
| Slate Dk | S | 135 | 138 |
| Coal Dk | S | 138 | 141 |
| Sand Lt | S | 141 | 162 |
| Slate Dk | S | 162 | 166 |
| Lime Lt | Open | 166 | 288 |
| Red Rock | S | 288 | 470 |
| Lime Bl | S | 470 | 561 |
| Coal Blk | S | 561 | 564 |
| Slate & Shells Dk | S | 564 | 639 |
| Sand Dk | H | 639 | 669 |
| Slate Dk | S | 669 | 674 |
| Lime Lt | Open | 674 | 702 |
| Red Rock | S | 702 | 712 |
| Slate & Shells Dk | S | 712 | 745 |
| Sand Lt | H | 745 | 769 |
| Slate Lt | S | 769 | 773 |
| Sand Lt | Open | 773 | 845 |
| Slate & Shells Dk | Open | 845 | 907 |
| Freeport Sand Wh | H | 907 | 929 |
| Slate Dk | S | 929 | 934 |
| Lime Dk | H | 934 | 944 |
| Slate & Shells Dk | S | 944 | 1035 |
| Sand Lt | H | 1035 | 1092 |
| Slate & Shells Dk | S | 1092 | 1115 |
| 1st Salt Sand Lt | H | 1115 | 1187 |
| Slate & Shells Blk | S | 1187 | 1287 |
| 2nd Salt Sand Wh | H | 1287 | 1370 |
| Slate & Shells Dk | S | 1370 | 1467 |
| Lime Dk | H | 1467 | 1507 |
| Slate & Shells Lt | S | 1507 | 1535 |
| Red Rock | S | 1535 | 1685 |
| Lime Gritty | H | 1685 | 1715 |
| Red Rock | S | 1715 | 1810 |
| Slate & Shells Lt | S | 1810 | 1847 |
| Lime Lt | H | 1847 | 1864 |
| Slate Dk | S | 1864 | 1865 |
| Big Lime Wh | H | 1865 | 1930 |
| Big Injun Gr | H | 1930 | 2073 |
| Squaw Sand Dk Gr | H | 2073 | 2137 |
| Slate Dk Gr | S | 2137 | 2139 |
| Berea Gr | H | 2139 | 2218 |
| Slate Wh | S | 2218 | 2220 |
| 50' Sand Gr | H | 2220 | 2307 |
| Pink Rock | S | 2307 | 2308 |
| Lime Gr | Broken | 2308 | 2384 |
| Red Rock Pink | S&H | 2384 | 2482 |
| Gordon Stray Gr | H | 2482 | 2500 |
| Gordon Stray Red | H | 2500 | 2513 |
| Lime Gr | H | 2513 | 2535 |
| Gordon Sand Red | H | 2535 | 2595 |
| Lime Gr | Broken | 2595 | 2649 |
| 5th Sand Gr | H | 2649 | 2701 |
| Slate Wh | S | 2701 | 2731 |
| Lime Wh | H | 2731 | 2734 |
| 5 "A" Sand Gr | H | 2734 | 2768 |
| Lime Bl | H | 2768 | 2823 |
| Slate & Shells Wh | S | 2823 | 2884 |
| Gritty Lime Dk | H | 2884 | 2960 |
| Slate & Shells Wh | H&S | 2960 | 3036 |
| Gritty Lime Lt | H | 3036 | 3065 |
| Slate & Shells Dk | | 3065 | 3094 |
| Lime Bl | H | 3094 | 3357 |
| Slate & Shells Dk | | 3357 | 3521 |
| Lime Lt | | 3521 | 3558 |
| Slate & Shells Lt | H&S | 3558 | 3665 |
| Lime Lt | H | 3665 | 3952 |
| Slate & Shells Lt | H&S | 3952 | 4037 |
| Lime Lt | H | 4037 | 4121 |
| Slate & Shells Lt | | 4121 | 4336 |
| Lime Lt | H | 4336 | 4351 |
| Slate & Shells Lt | | 4351 | 4454 |
| Lime Lt | H | 4454 | 4545 |
| Slate & Shells Lt | H&S | 4545 | 4618 |
| Benson Sand Lt | H | 4618 | 4634 |
| Lime Blk | H | 4634 | 4639 |
| Total Depth | | | 4639 |

Gas 907-915 18/10 M 1 1/2" Opng.
Gas 1172-1174 20/10 M 1 1/2" Opng.
Gas 2689-2692 11/10 M 1 1/4" Opng.
Gas 4621-4625 12/10 M 1 1/2" Opng.

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Latitude 39 ° 05 '

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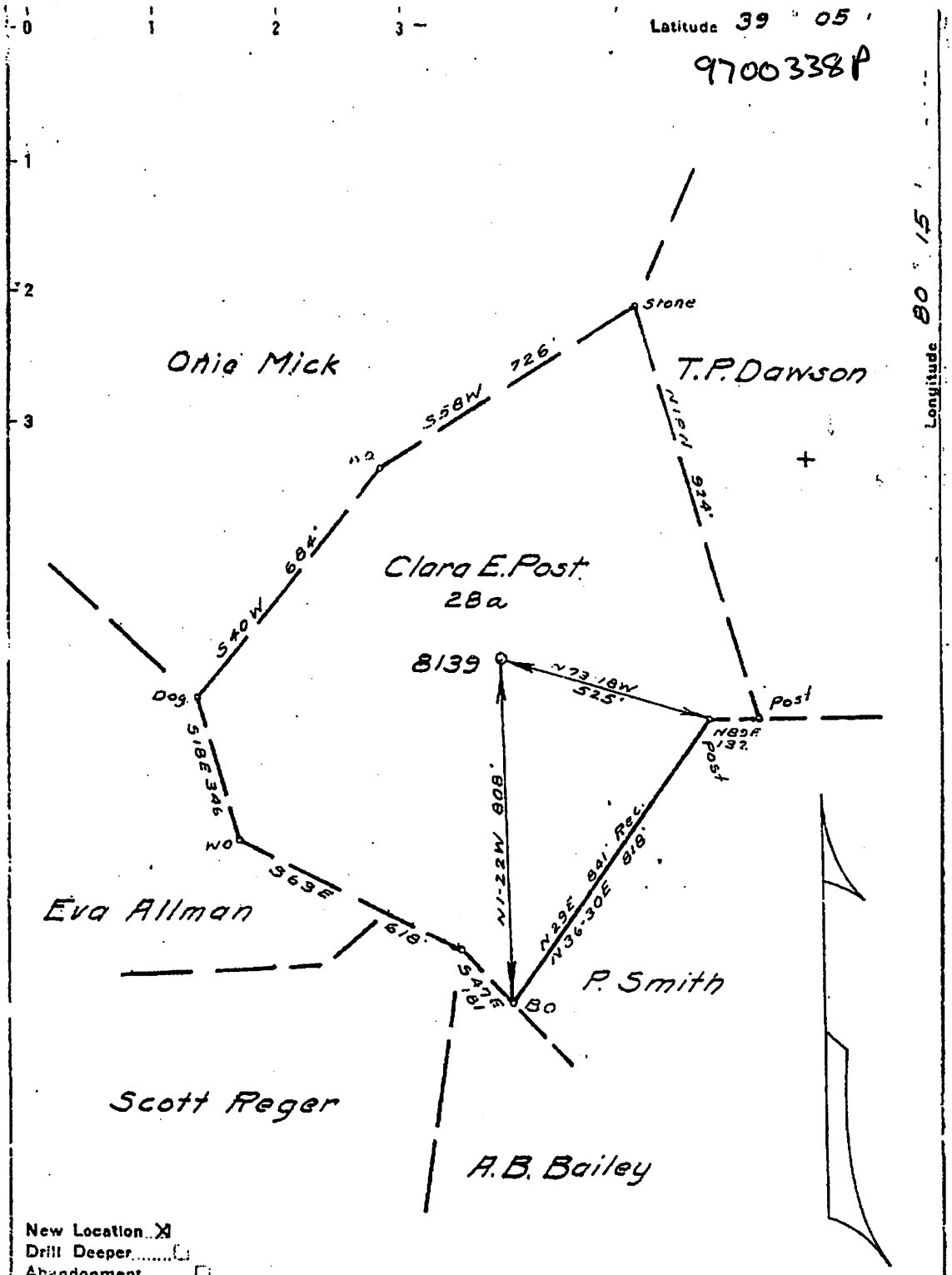
Longitude 80 ° 15 '




New Location X
Drill Deeper ☐
Abandonment ☐

Company Pittsburgh & W.Va Gas
Address Clarksburg W.Va.
Farm Clara E Post
Tract ____ Acres 28 Lease No. 24319
Well (Farm) No. One Serial No. 8139
Elevation (Spirit Level) 1584 V.A.
Quadrangle Weston SE 4 2/4
County Upshur District Buckhannon
Engineer James Jeffries
Engineer's Registration No. 1084
File No. D-26/95 Drawing No. ____
Date 10-1-47 Scale 1" = 300'

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

WELL LOCATION MAP

FILE NO. 9700338

+ 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.

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WW-4-A
Revised 6/07

1) Date: August 23, 2016
2) Operator's Well Number
**608139 (Clara Post #8139)**
3) API Well No.: 47 - 097 - 00338
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: Robert Roy and Margaret Post
Address: 93 Phillips Dairy Road
Buckhannon, WV 26201

(b) Name:
Address:

(c) Name:
Address:

6) Inspector: Bryan Harris
Address: P. O. Box 157
Volga, WV 26238
Telephone: (304) 553-6087

5) (a) Coal Operator:
Name: None
Address:

(b) Coal Owner(s) with Declaration
Name: MLOM, LLC
Address: P. O. Box 470
Bridgeport, WV 26330

Name: Mike Ross, Inc.
Address: P. O. Box 219
Coalton, WV 26257

(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 30th day of August, 2016
Misty S. Christie Notary Public
My Commission Expires: 2/20/18

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WV Department of
Environmental Protection

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.

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

9700338P

WW-9
Revised 5/16

Page ____ of ____
2) Operator's Well Number
**608139 (Clara Post #8139)**
3) API Well No.: 47 097 - 00338

**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): Mud Lick Quadrangle: Berlin 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.? **20 ~~10~~ 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 25th day of August, 2016

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

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STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

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OPERATOR'S WELL NO.:
608139 (Clara Post #8139)

## LEGEND

Property Boundary

Diversion

Spring

Wet Spot

Road

Planned Fence

Drain Pipe with size in inches

Water Way

Existing Fence

Stream

Cross Drain

Open Ditch

Artificial Filter Strip

Rock

North

N

Building

Water well

W

Drill site

Pit with Cut Walls

Pit with Compacted Walls

Area of Land Application of Pit Waste

---

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**

| Seed Type | lbs/acre |
|---|---|
| Red Fescue | 40 |
| Alsike Clover | 5 |
| Annual Rye | 15 |

**Area II**

| Seed Type | lbs/acre |
|---|---|
| Red Fescue | 15 |
| Alsike Clover | 5 |

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

SEP 21 2016

Plan approved by: Bryan Harris

WV Department of
Environmental Protection

Comments: _____

Title: Inspector Date: 9-13-16

Field Reviewed? X Yes ____ No

97003388

# 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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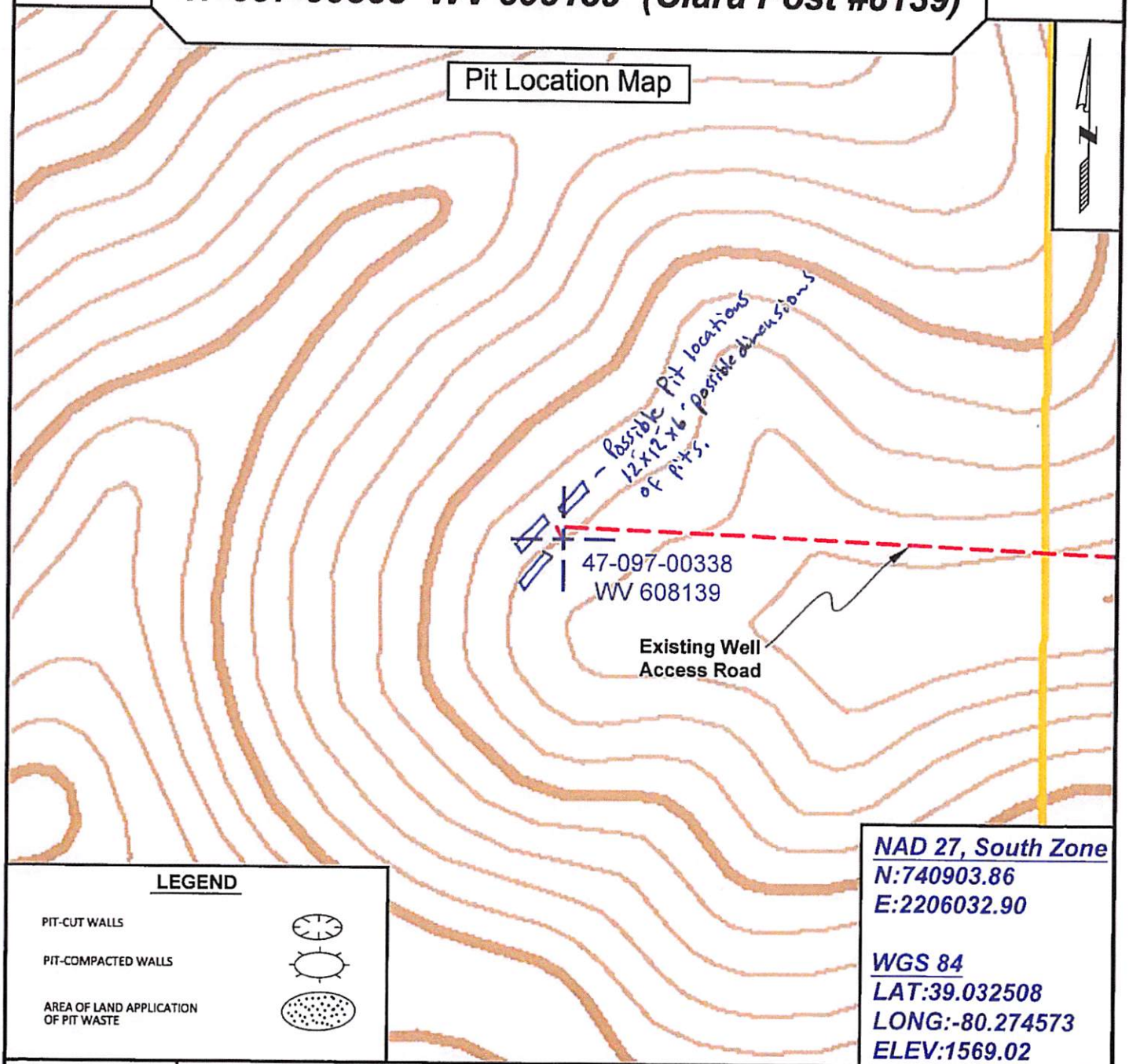
97003380

| | | | |
|---|---|---|---|
| **Topo Quad:** | Berlin 7.5' | **Scale:** | 1" = 200' |
| **County:** | Upshur | **Date:** | August 22, 2016 |
| **District:** | Buckhannon | **Project No:** | 39-09-00-09 |

# 47-097-00338 WV 608139 (Clara Post #8139)

## Pit Location Map




**LEGEND**

PIT-CUT WALLS

PIT-COMPACTED WALLS

AREA OF LAND APPLICATION OF PIT WASTE

***NAD 27, South Zone***
***N:740903.86***
***E:2206032.90***

***WGS 84***
***LAT:39.032508***
***LONG:-80.274573***
***ELEV:1569.02***

*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 280*
*Bridgeport, WV 26330*

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AUG 31 2016
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Environmental Protection

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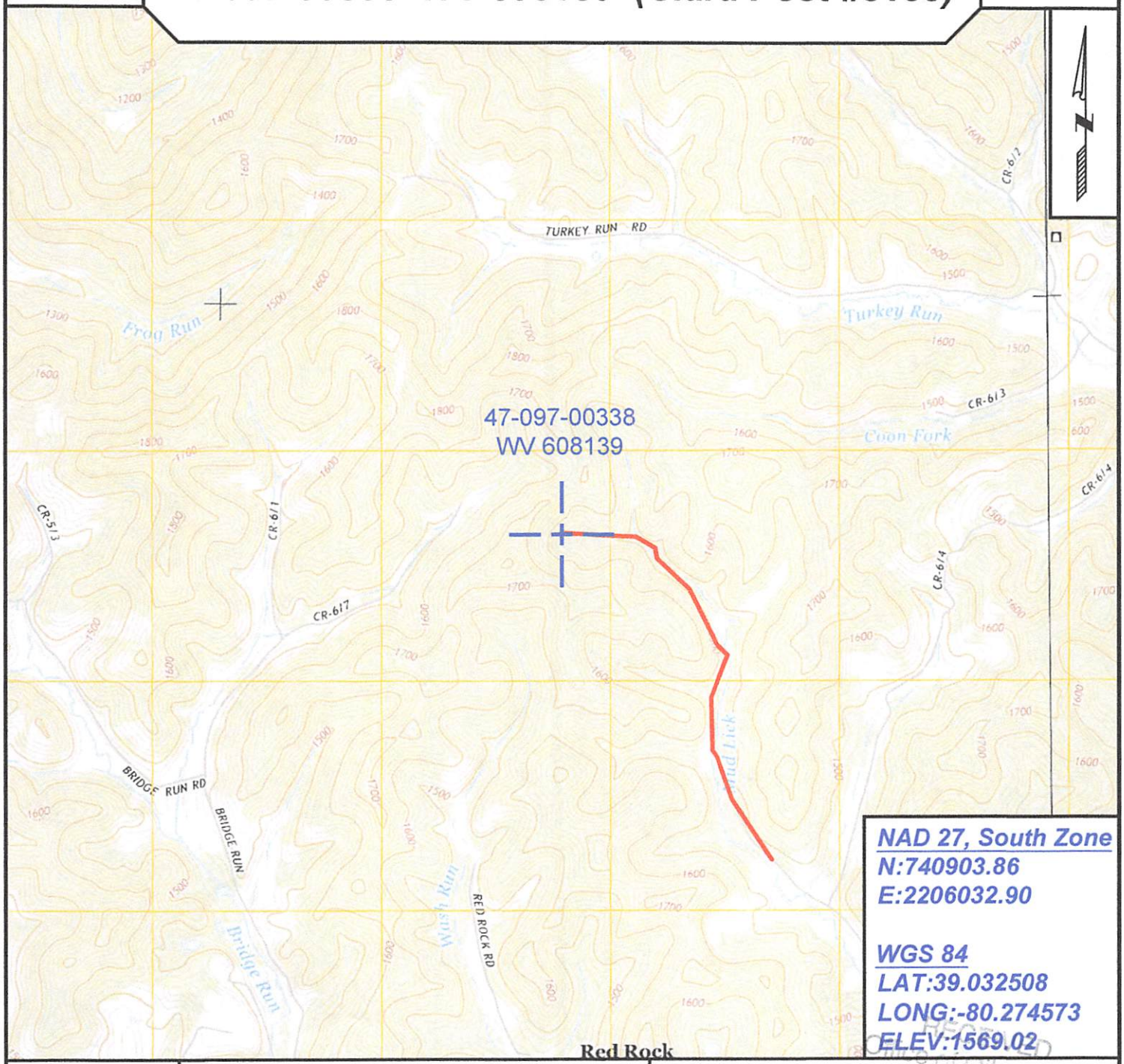
| | | | |
|---|---|---|---|
| **Topo Quad:** | Berlin 7.5' | **Scale:** | 1" = 2000' |
| **County:** | Upshur | **Date:** | January 15, 2016 |
| **District:** | Buckhannon | **Project No:** | 39-09-00-09 |

# 47-097-00338 WV 608139 (Clara Post #8139)

Topo




**NAD 27, South Zone**
N:740903.86
E:2206032.90

**WGS 84**
LAT:39.032508
LONG:-80.274573
ELEV:1569.02


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 280
Bridgeport, WV 26330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WW-7
8-30-06

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

**API:** 47-097-00338 **WELL NO.:** WV 608139 (Clara Post #8139).

**FARM NAME:** Clara E. Post.

**RESPONSIBLE PARTY NAME:** EQT Production Company.

**COUNTY:** Upshur. **DISTRICT:** Buckhannon.

**QUADRANGLE:** Berlin 7.5'.

**SURFACE OWNER:** Robert Roy & Margaret Post.

**ROYALTY OWNER:** Robert R. Post & Orestes Post, Jr., et al.

**UTM GPS NORTHING:** 4320634.

**UTM GPS EASTING:** 562788. **GPS ELEVATION:** 478 m (1569 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 South, 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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AUG 31 2016
WV Department of
Environmental Protection

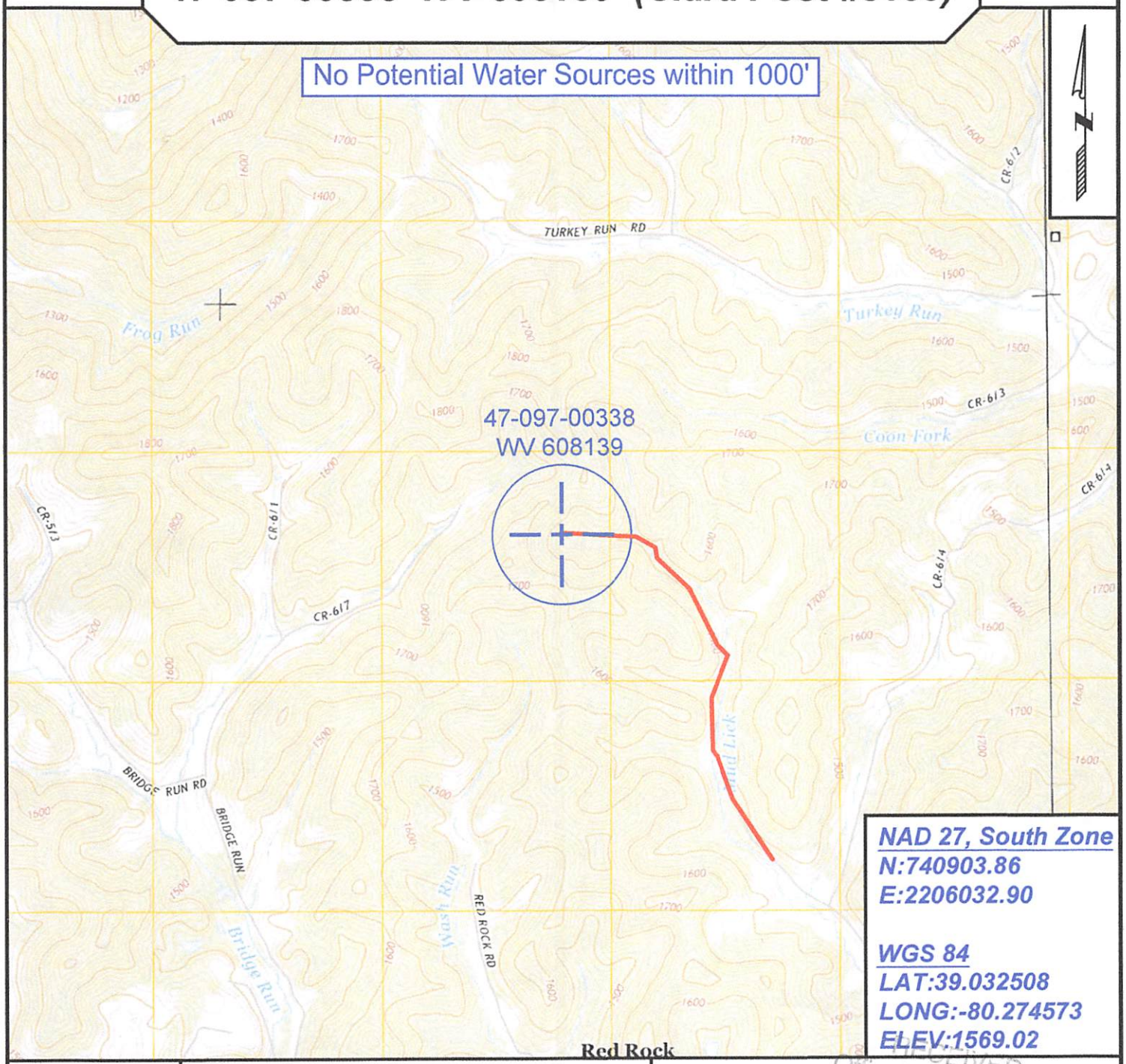
Signature | PS # 2180 Title | 1/29/16 Date

9700338 P

| | | | |
|---|---|---|---|
| **Topo Quad:** | Berlin 7.5' | **Scale:** | 1" = 2000' |
| **County:** | Upshur | **Date:** | January 15, 2016 |
| **District:** | Buckhannon | **Project No:** | 39-09-00-09 |

Water

# 47-097-00338 WV 608139 (Clara Post #8139)




**NAD 27, South Zone**
**N:740903.86**
**E:2206032.90**

**WGS 84**
**LAT:39.032508**
**LONG:-80.274573**
**ELEV:1569.02**


*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 280
Bridgeport, WV 26330


RECEIVED
Office of Oil and Gas
AUG 31 2016
WV Department of
Environmental Protection

97003380

# POTENTIAL WATER SAMPLE DATA SHEET

**CLIENT:** EQT PRODUCTION COMPANY.
**LEASE NAME AND WELL No.** Clara Post #8139 - WV 608139 - API No. 47-097-00338.

## POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 608139.

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Office of Oil and Gas
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WV Department of
Environmental Protection

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