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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](http://www.dep.wv.gov)

August 13, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-2103122, 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: 1233  
Farm Name: DOBERLY, D. L.  
**API Well Number: 47-2103122**  
**Permit Type: Plugging**  
Date Issued: 08/13/2015

**Promoting a healthy environment.**

**08//14/2015**

## 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: July 21, 2015  
Operator's Well  
Well No. 655161 (Coberly #1233)  
API Well No.: 47 021 - 03122

**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: 777 ft. Watershed: Cedar Creek  
Location: Center County: Gilmer Quadrangle: Glenville  
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 Danny Mullins  
Name: 184 Big Trace Fork Road 220 Sack Acres  
Address: Harts, WV 25524 Buckhannon WV

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 8-4-15

PLUGGING PROGNOSIS

Coberley, D.L. #1-1233  
(655161)  
Gilmer Co. WV  
District, Center  
API # 47-021-03122  
BY: R.Green  
DATE: 03/02/15

**CURRENT STATUS:**

10" @ 140'  
8 1/4" @ 600'  
6 5/8" @ 1510'  
TD @ 1752'  
Elevation @ 795'

Fresh Water @ None reported  
Salt Water @ None reported  
Coal @ None reported  
Gas Shows @ 1690' (Big Injun)  
Oil show @ none reported

DM

1. Notify State Inspector, Danny Mullins, 304-932-6844, 24 hrs. prior to commencing operations.
2. TIH tbg to 1690', set 230' C1A cement plug 1690' to 1460''. (Gas show @ 1690', Big Injun, 6 5/8" csg seat).
3. TOOH tbg to 1460', gel hole 1460' to 1300', TOOH tbg.
4. Free point 6 5/8" casing, cut casing @ free point, (est @ 1250') TOOH casing.
5. 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.
6. TOOH tbg to 1200', gel hole 1200' to 850'.
7. TOOH tbg to 850', set 300' C1A cement plug, 850' to 550'. (Elevation, 8 1/4" casing seat)
8. TOOH tbg to 550', gel hole 550' to 400' TOOH tbg.
9. Free point 8 1/4" casing, cut casing @ free point(est @ 350'), TOOH casing.
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. TOOH tbg to 300', gel hole 300' to 200'.
12. TOOH tbg to 200' set 200' C1A cement plug 200' to surface. (10" casing seat).
13. Erect monument with API#.
14. Reclaim location, road to WV-DEP specifications.

★ WELL SHOT @ 1690'. LOAD HOLE WITH GEL TO ABOVE 1690'  
BEFORE SETTING FIRST CEMENT PLUG.

655161

2103122P

# CARNEGIE NATURAL GAS COMPANY

G.A.N. N.E.

RECORD OF WELL

Well No. 1-1038

L. Goberley

Form of 40

Acres, situate in

Center Township District Gilmer  
Shipping Point Gilmer Station RTG

County West Va. Lease No. 5210-1  
Foreman E. L. Lowther  
WELL

Located October 22nd, 1923  
Notified Gen'l Office  
Commenced November 16th, 1923  
Completed November 21st, 1923  
Contractor John Craig  
Address Clarksburg, West Va.

Commenced Drilling November 24th, 1923  
Notified Gen'l Office  
Completed Drilling December 23rd, 1923  
Notified Gen'l Office  
Contractor O. W. McCall & Company  
Address Pittsburgh, Penna.

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME
Conductor			12 ELEVAT N 7 S'	1/2 Minute 0 Lbs.
Mapleton Coal				1 " 10 "
Pittsburgh Coal				2 " 22 "
Little Dunkard	275	350		3 " 32 "
Big Dunkard	575	675		4 " 40 "
Gas Sand	750	825		5 " 50 "
1st Salt Sand	925	1025		10 " "
2nd Salt Sand	1100	1200		15 " "
3rd. Salt Sand	1200	1380		30 " "
Maxton Sand	1420	1480		
Little Lime	1505	1530		1 Hour "
Pencil Cave	1530	1550		Rock 280 "
Big Lime	1550	1605		Size of } Tubing 2 Inch
Big Injun	1605	1705	Gas at 1690	Size of } Casing "
Gantz Sand				Vol. by Water 10/10 Thru 1"
50 Foot Sand				" " Mercury
30 Foot Sand				" " Pressure
Gordon Stray				
Gordon Sand				CONNECTED TO MAIN LINE
4th Sand				
5th Sand				Length of Line Feet
Bayard Sand				Size of Line Inch
Elizabeth				DISCONNECTED FROM LINE
Speecheley				
Bradford				Notified Lessor

Water Jotted

Total Depth 1510 Feet at \$

per Foot \$

Gas Furnished at

Cents per Foot

Carnegie Natural Gas Company

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### CASING RECORD

SIZE	CHARGED TO WELL		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL	
	Feet	In.	Foot	In.	Foot	In.	Foot	In.	Feet	In.	Feet	In.
10"	181		140		00		140		00		52	1
8 1/2"	800		600		00		600		00		21	11
6 3/4"	1882		1560		1880		00		00		200	8
6 3/8"			151				151				156	
2" 1.00											175	5

JUL 24 1925

PACKER

Kind Hook

Size 8 1/2" X 8"

Set at 1561' 2" Feet

WELL SHOT

By Marietta Torpedo Co

With 20 Qts. at 1690 Feet

Casing Cemented in Well

by

Company Employ

08/14/2015



WW-4-A  
Revised 6/07

1) Date: July 21, 2015  
2) Operator's Well Number  
655161 (Coberly #1233)  
3) API Well No.: 47 021 - 03122  
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 Rolland C. and Josephine G. Coberly  
Address 1144 Cedar Creek Road  
Glenville, WV 26351  
  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
  
6) Inspector Danny Mullins  
Address 124 Big Trace Fork Road  
Harts, WV 25524  
Telephone (304) 932-6844

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
  
(b) Coal Owner(s) with Declaration  
Name Rolland C. and Josephine G. Coberly  
1144 Cedar Creek Road  
Address Glenville, WV 26351  
  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
  
(c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

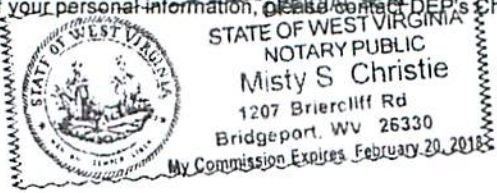
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
  - (2) The plat (surveyor's map) showing the well location on Form WW-6.
- The reason you received these documents is that you have 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 21st day of July, 2015  
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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JUL 24 2015  
08/14/2015



**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: Cedar Creek Quadrangle: Glenville  
Elevation: 777 ft. County: Gilmer District: Center

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.? 20 ml. - 10 ml

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.

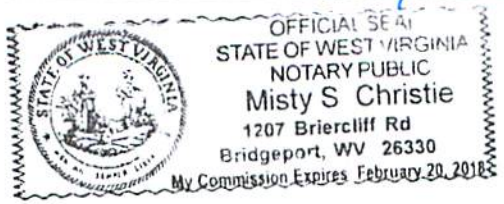
Company Official Signature *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 21st day of July, 2015

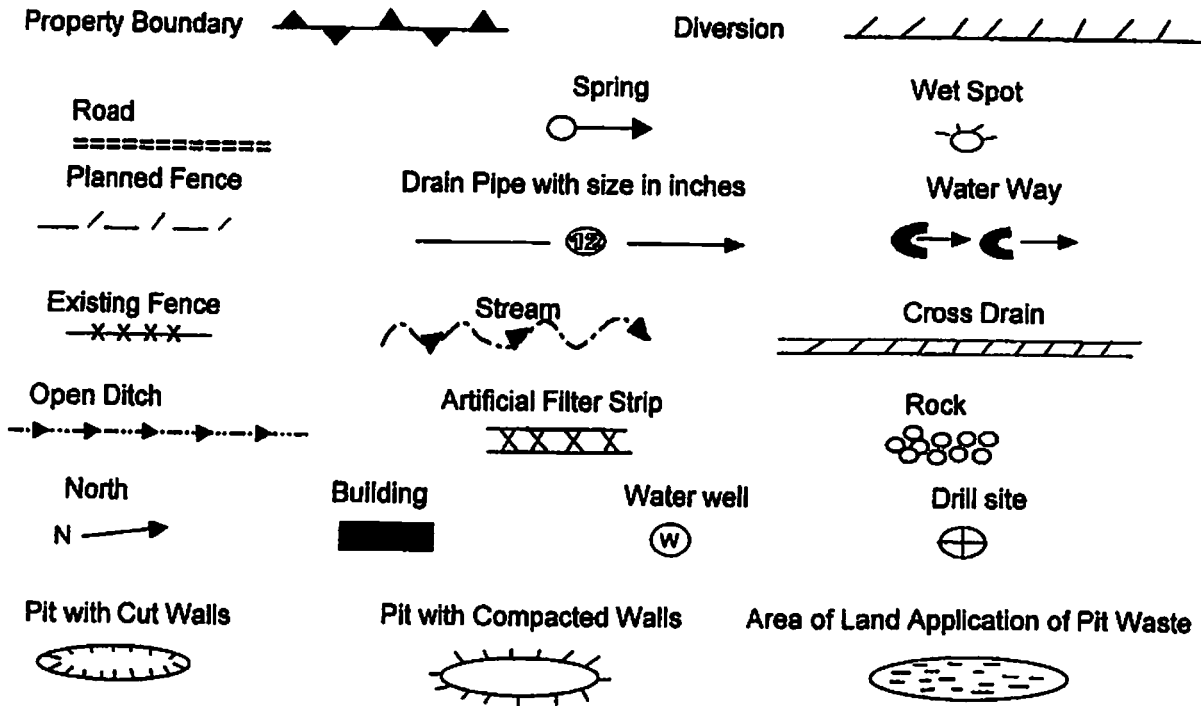
*Misty S. Christie* Notary Public  
My Commission Expires 2/20/18



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**08/14/2015**  
WV Department of  
Environmental Protection

**OPERATOR'S WELL NO.:**  
655161 (Coberly #1233)

**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	<i>DM</i>	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: \_\_\_\_\_ Date: \_\_\_\_\_

Field Reviewed? Yes No



Topo Quad: Glenville 7.5'

Scale: 1" = 2000'

County: Gilmer

Date: July 6, 2015

District: Center

Project No: 25-19-00-07

47-021-03122 WV 655161 (Coberly #1233)

Topo



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WV Department  
Environmental Protection

NAD 27, South Zone  
N: 694,474.51  
E: 2,042,277.00  
WGS 84  
LAT: 38.907147  
LONG: -80.851270  
ELEV: 777.02



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

08/14/2015







## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
 LEASE NAME AND WELL No. Coberly #1233 - WV 655161 - API No. 47-021-03122

### POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 725 +/- Owner: Rolland C. and Josephine Coberly  
 Address: 1144 Cedar Creek Road, Glenville, WV 26351 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 2 Spacing: 414 +/- Owner: Rolland C. and Josephine Coberly  
 Address: 1144 Cedar Creek Road, Glenville, WV 26351 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

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Office of Oil and Gas

JUL 24 2015

WV Department of  
Environmental Protection

**BIRCH RIVER OFFICE**  
237 Birch River Road  
Birch River, WV 26610  
phone: 304-649-8606  
fax: 304-649-8608

**BRIDGEPORT OFFICE**  
172 Thompson Drive  
Bridgeport, WV 26330  
phone: 304-848-5035  
fax: 304-848-5037

**ALUM CREEK OFFICE**  
P.O. Box 108 • 1413 Childress Rd  
Alum Creek, WV 25003  
phone: 304-756-2949  
fax: 304-756-2948

**RANSON OFFICE**  
401 South Fairfax Blvd, Suite 3  
Ranson, WV 25438  
phone: 304-724-5008  
fax: 304-724-5010

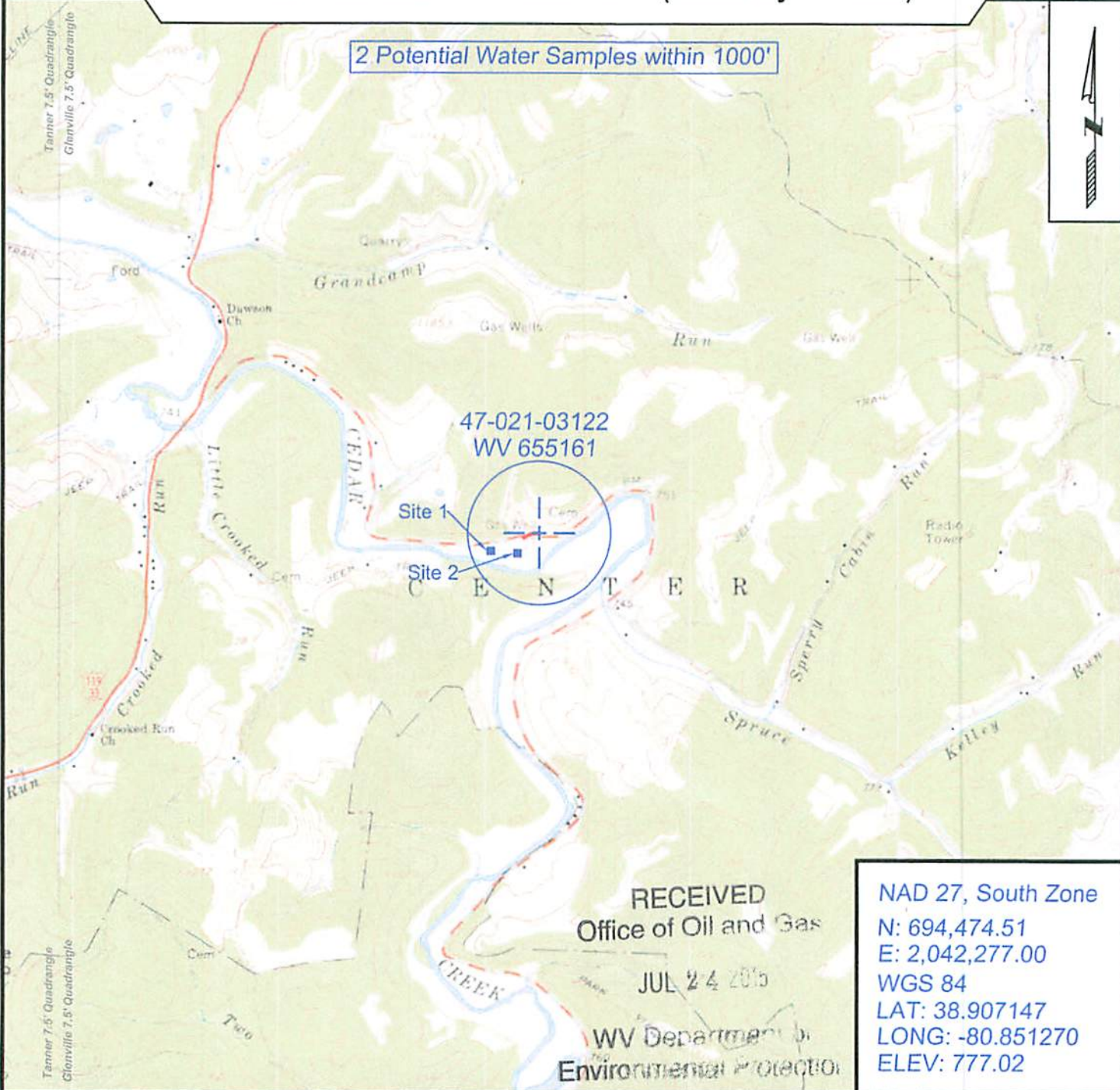


Topo Quad: Glenville 7.5' Scale: 1" = 2000'  
 County: Gilmer Date: July 6, 2015  
 District: Center Project No: 25-19-00-07

Water

47-021-03122 WV 655161 (Coberly #1233)

2 Potential Water Samples within 1000'



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