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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

April 22, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-2101820, 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: 154481 (W.G. Bennett # 10794)

Farm Name: BENNETT, W. G.

**API Well Number: 47-2101820**

**Permit Type: Plugging**

Date Issued: 04/22/2014

**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.

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### 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.

2101820A

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

Date: 3-17-14  
Operator's Well  
Well No. 154481 (W.G. Bennett # 10794)  
API Well No.: 47 021 - 01820

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: 889' Watershed: Middle Run of Little Kanawha River  
Location: DeKalb County: Gilmer Quadrangle: Tanner 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'Hara

Date 4-9-14





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle GLENNVILLE

Permit No. GIL-1820

WELL RECORD

Oil or Gas Well  Gas   
(GROUP)

Company Consolidated Gas Supply Corporation  
Address 445 West Main Street Clarksburg, W. Va.  
Farm W. G. Bennett Hrs. Acres 436  
Location (waters) Middle Run  
Well No. 1079h Elev. \_\_\_\_\_  
District De Kalb County Gilmer  
The surface of tract is owned in fee by Hunter M. Bennett, Jr.  
Address Weston, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	21	21	Kind of Packerc
			Steel Shoes
13			Size of 103/4
10.3/4	321	321	8 5/8 1 1/2
8 5/8	826	826	Depth act 321' 826'
6 3/4			1858'
5 3/16			
4 1/2	1,858	1,858	
3			Perf. top 1806'
2			Perf. bottom 1810'
Liners Used			Perf. top
			Perf. bottom

Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced October 17, 1966  
Drilling completed November 8, 1966  
Date Shot Not Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

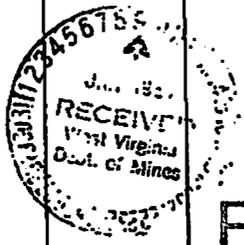
Attach copy of cementing record.  
CASING CEMENTED 1 1/2" SIZE 1858' No. FL 11/9/66 Date  
Amount of cement used (bags) 100 Bags  
Name of Service Co. Well service Co.  
COAL WAS ENCOUNTERED AT 808 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
WELL FRACTURED (DETAILS) Down 11 Nov. 17, 1966 792 Bbl. Water 40,000# Sand 800# Glass Beads

Open Flow 1/10 lbs Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10 lbs Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls. 1st 24 hrs.  
WELL ACIDIZED (DETAILS) Not Acidized  
WELL FRACTURED (DETAILS) Down 11 Nov. 17, 1966

RESULT AFTER TREATMENT (initial open flow or bbls.) 192,000 GPF  
ROCK PRESSURE AFTER TREATMENT 335 HOURS 2 1/2  
Fresh Water 50' Feet Salt Water \_\_\_\_\_ Feet  
Producing Sand In Jun Depth 1806'

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth	Remarks
Soil			00	20			
Sand			20	100	Water	50	Fresh
Slate			100	160			
Sand			160	210			
Slate			210	250			
Red Rock			250	280			
Slate			280	320			
Red Rock			320	340			
Slate&Shells			340	395			
Lime			395	416			
Slate&Shells			416	430			
Lime			430	470			
Slate&Shells			470	620			
Slate			620	640			
Lime			640	674			
Slate			674	745			
Sandy Lime			745	770			
Slate&Shells			770	1100			
Sand			1100	1125			
Slate&Shells			1125	1240			
2nd. SALT			1240	1290			
Slate&Shells			1290	1450			

(OVER)



Received

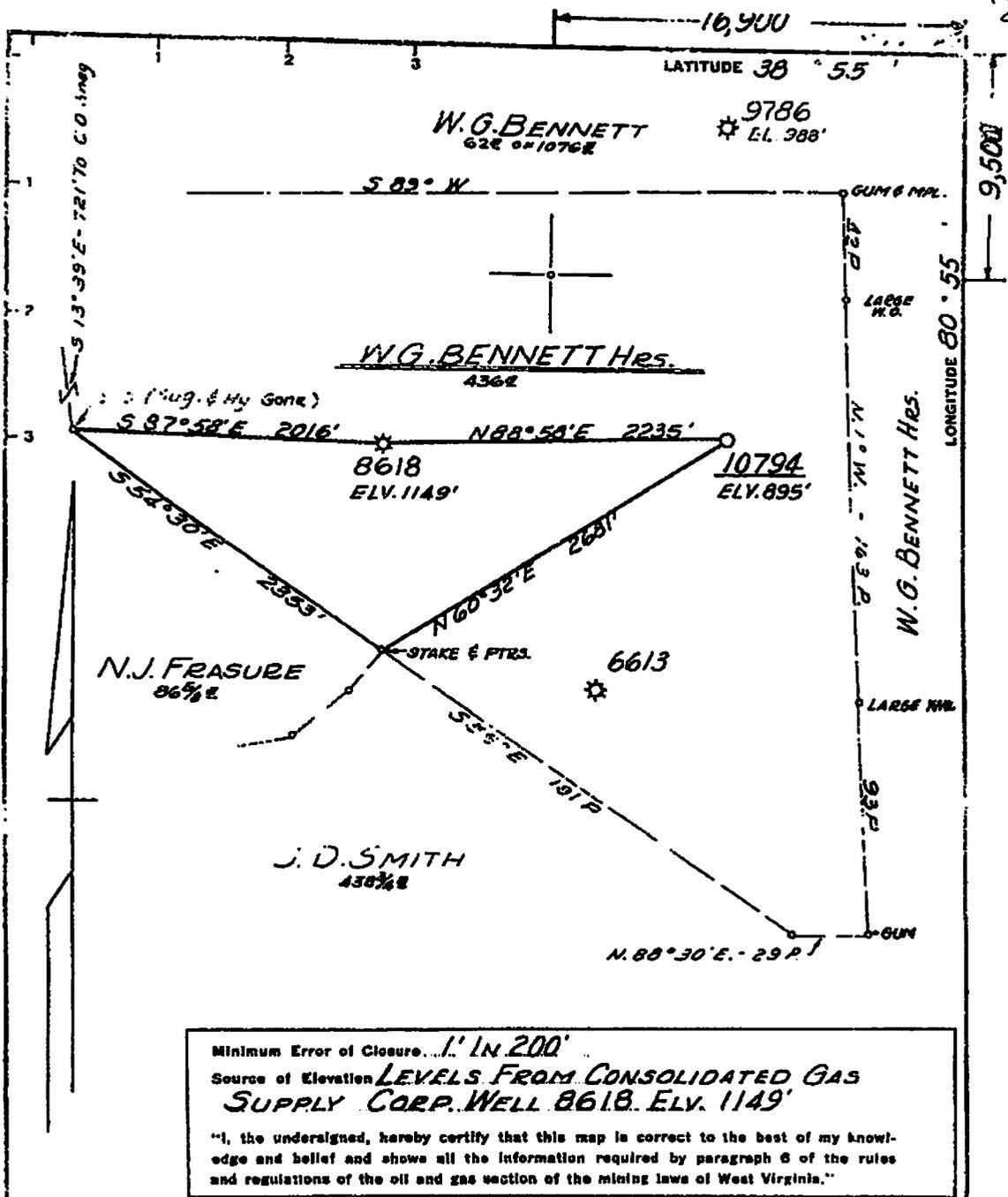
MAR 19 2014

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
3rd. Salt			1450	1480			
Lime			1480	1500			
Red Rock			1500	1555	Gas	1500	kShow
MAXTON			1555	1573			
Slate			1573	1605			
LITTLE LIME			1605	1610			
Slate			1610	1665			
BIG LIME			1665	1735	Gas	1710	Show
INJUN			1735	1810			
Slate&Shells			1810	1871	Gas	1795	273MCF
TOTAL DEPTH				1871			

Received

Date December 22, 1966, 19\_\_\_\_  
 APPROVED Consolidated Gas Supply Corporation, Owner  
 By *PK Barger* (Title) MGR. Production  
 Office of Oil and Gas  
 WV Dept. of Environmental Protection

2101820P



Minimum Error of Closure... 1' IN 200'

Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY CORP. WELL 8618. ELY. 1149'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

New Location...    
 Drill Deeper...    
 Abandonment...

MAP SHEET 96 S38-W22 FB.1373 Pg. 32-34

Company CONSOLIDATED GAS SUPPLY CORP.  
 Address CLARKSBURG, W. VA.  
 Farm W. G. BENNETT Hrs.  
 Tract \_\_\_\_\_ Acres 436E Lease No. 28040  
 Well (Farm) No. \_\_\_\_\_ Serial No. 10794  
 Elevation (Spirit Level) 895'  
 Quadrangle GLENVILLE W.C.  
 County GILMER District DEKALA  
 Engineer Jackson M. Jarrett  
 Engineer's Registration No. 2397  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date FEB. 8, 1966 Scale 1" = 50P

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

WELL LOCATION MAP  
 FILE NO. GIL-1820

† 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.

Received

MAR 19 2014  
 5052

- 1) Date: 3-17-14  
 2) Operator's Well Number  
154481 (W.G. Bennett # 10794)  
 3) API Well No.: 47 021 - 01820  
 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 Coastal Forest Resources Company  
 Address P.O. Box 709  
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 H.M. Bennett Jr. Trustee ✓  
U/W H.M. Bennett  
 Address P.O. Box 166  
Weston, WV 26452-0166  
 Name Alton M. Register ✓  
 Address 5069 Waterwheel Dr.  
Conover, NC 28613-7122  
(see attached)  
 (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:  
 OFFICIAL SEAL  
 STATE OF WEST VIRGINIA  
 NOTARY PUBLIC  
 Nicholas L. Bumgardner  
 Rt. 1, Box 4  
 Liberty, WV 25124  
 My Commission Expires July 27, 2018

EQT Production Company  
Victoria J. Roark  
 Permitting Supervisor  
PO Box 280  
Bridgeport, WV 26330  
(304) 848-0076

Subscribed and sworn before me this 17 day of MARCH, 2014  
 My Commission Expires 6/27/2018 Notary Public

Received

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.

2101820P

WW2-A

**Additional Coal Owners**

Bennett Land Management, LLC  
Attn: Phobe Bennett  
P.O. Box 166  
Weston, WV 26452-0166



Received

MAR 19 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

2101820P

**EQT**  
C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <span style="float: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</span>  <b>X</b></p> <p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes          If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;"><b>Coastal Forest Resources Company</b>  <b>P.O. Box 709</b>  <b>Buckhannon, WV 26201</b>          154481 plugging</p>	<p>3. Service Type  <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number          (Transfer from service label) <b>7013 2630 0001 4239 4182</b></p>	
PS Form 3811, July 2013	Domestic Return Receipt

PS Form 3800, August 2006 See Reverse for Instructions

Sent to: Coastal Forest Resources Company  
 P.O. Box 709  
 Buckhannon, WV 26201  
 City, State, or PO Box / Street, Apt.

7013 2630 0001 4239 4182

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Post	

Postmark Here

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CERTIFIED MAIL™

Coastal Forest Resources Company  
P.O. Box 709  
Buckhannon, WV 26201  
154481 plugging

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WV Dept. of Environmental Protection

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ZIP 26330  
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2101820F

**EQT**  
C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

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<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <b>X</b> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;"><b>H. M. Bennett Jr. Trustee</b> <b>U/M H.M. Bennett</b> <b>P.O. Box 166</b> <b>Weston, WV 26452-0166</b> 154481 plugging</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7013 2630 0001 4239 4199</p>	
PS Form 3811, July 2013	Domestic Return Receipt

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7013 2630 0001 4239 4199

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Restricted Delivery Fee (Endorsement Required)	
Total Post	

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**H. M. Bennett Jr. Trustee**  
**U/M H.M. Bennett**  
**P.O. Box 166**  
**Weston, WV 26452-0166**  
154481 plugging

PS Form 3800, August 2006  
See Reverse for Instructions

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H. M. Bennett Jr. Trustee  
U/M H.M. Bennett  
P.O. Box 166  
Weston, WV 26452-0166  
154481 plugging

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Office of Oil and Gas  
WV Dept. of Environmental Protection

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**EQT**  
C/O Vicki Rank  
P.O. Box 280  
Bridgeport, WV 26330

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <b>X</b> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;"><b>Alton M. Register</b> <b>5069 Waterwheel Dr.</b> <b>Conover, NC 28613</b> 154481 plugging</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7013 2630 0001 4239 4205</p>
PS Form 3811, July 2013	Domestic Return Receipt

PS Form 3800, August 2006 See Reverse for Instructions

City, State or PO Box \_\_\_\_\_  
Street / \_\_\_\_\_  
Sent to \_\_\_\_\_  
Alton M. Register  
5069 Waterwheel Dr.  
Conover, NC 28613  
154481 plugging

Postage \$	
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total	

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5069 Waterwheel Dr.  
Conover, NC 28613  
154481 plugging

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WV Dept. of Environmental Protection



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**EQT**  
C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

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<p>1. Article Addressed to:</p> <p style="text-align: center;"><b>Bennett Land Management, LLC</b> Attn: Phoebe Bennett P.O. Box 166 Weston, WV 26452-0166 154481 plugging</p>	<p>3. Service Type  <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7013 2630 0001 4239 4212</p>	
PS Form 3811, February 2004	Domestic Return Receipt 102595-02-M-1540

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7013 2630 0001 4239 4212  
7013 2630 0001 4239 4212



Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total P	

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(Domestic Mail Only: No Insurance Coverage Provided)  
For delivery information visit our website at [www.usps.com](http://www.usps.com)

Sent to: Bennett Land Management, LLC  
Attn: Phoebe Bennett  
P.O. Box 166  
Weston, WV 26452-0166  
City, St: Weston, WV 26452-0166  
Street / or P.O. Box: P.O. Box 166

PS Form 3811, August 2004

Bennett Land Management, LLC  
Attn: Phoebe Bennett  
P.O. Box 166  
Weston, WV 26452-0166  
154481 plugging

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WV Dept. of Environmental Protection

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ZIP 26330  
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Topo Quad: Tanner 7.5'

Scale: 1" = 2000'

County: Gilmer

Date: February 18, 2014

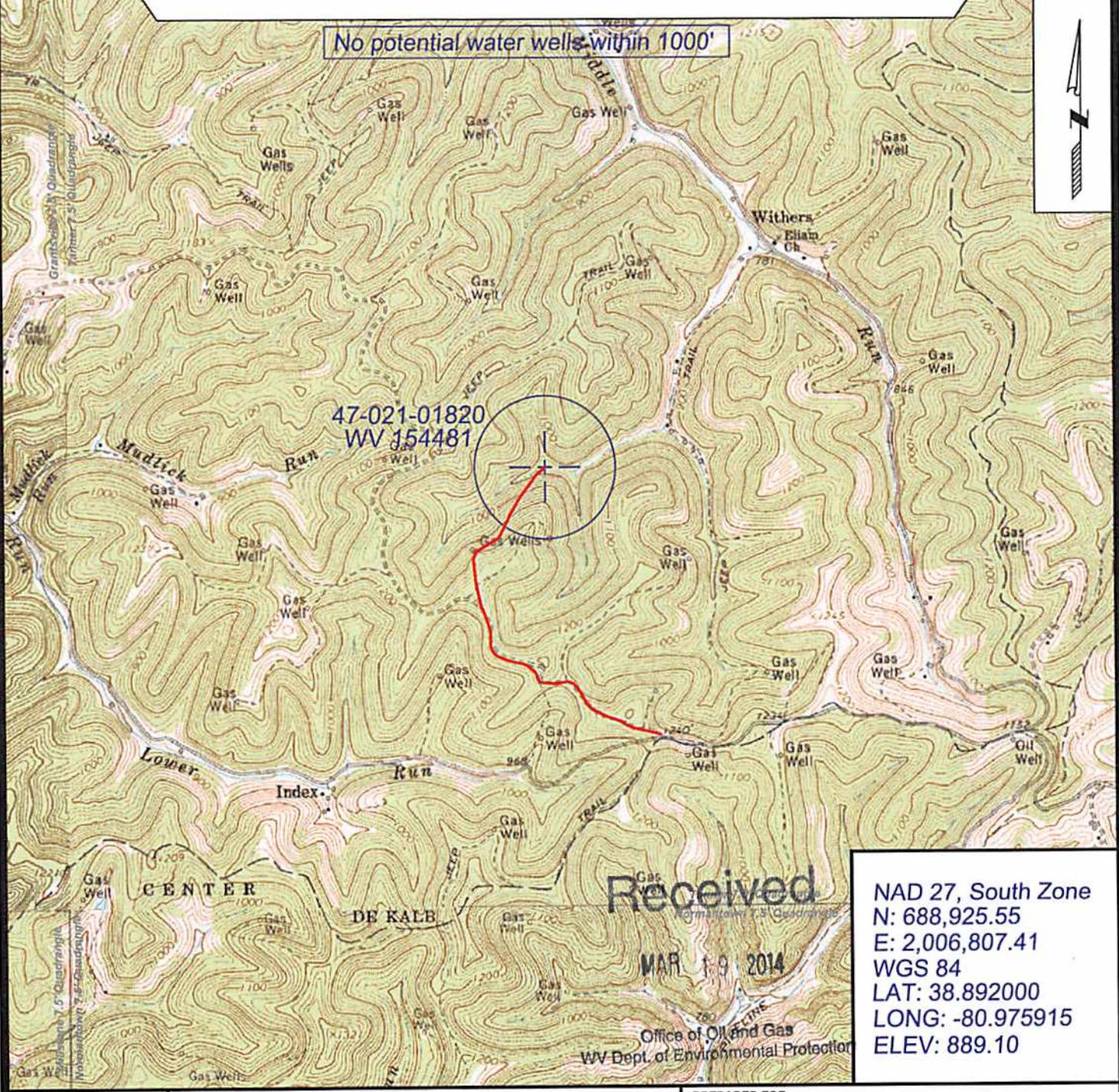
District: DeKalb

Project No: 25-19-00-07

Water

47-021-01820 WV 154481 (W.G. Bennett #10794)

No potential water wells within 1000'



NAD 27, South Zone  
 N: 688,925.55  
 E: 2,006,807.41  
 WGS 84  
 LAT: 38.892000  
 LONG: -80.975915  
 ELEV: 889.10



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606  
 P.O. BOX 438  
 BIRCH RIVER, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

PREPARED FOR:  
**EQT Production Company**  
 P.O. Box 280  
 Bridgeport, WV 26330



## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
 LEASE NAME AND WELL No. W.G. Bennett #10794 - WV 154481 - API No. 47-021-01820

### POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 154481.

Received

MAR 19 2014

Office of Oil and Gas  
 WV Dept. of Environmental Protection

**BIRCH RIVER OFFICE**  
 P.O. Box 438 • 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

**CALDWELL OFFICE**  
 212 Cumberland Street  
 Caldwell, OH 43724  
*phone:* 740-305-5007  
*fax:* 740-305-5126

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

2) Operator's Well Number  
**154481 (W.G. Bennett # 10794)**

3) API Well No.: 47 021 - 01820

**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: Middle Run of Little Kanawha River Quadrangle: Tanner 7.5'

Elevation: 889' County: Gilmer District: DeKalb

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.? 30 ml

Proposed Disposal Method for Treated Pit Wastes:

- 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.

Received

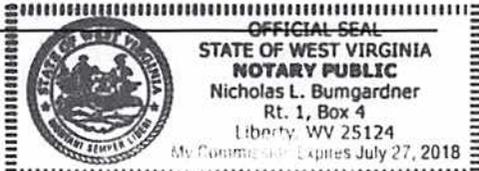
Company Official Signature *Victoria Roark* MAR 19 2014

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV Office of Oil and Gas  
WV Dept. of Environmental Protection

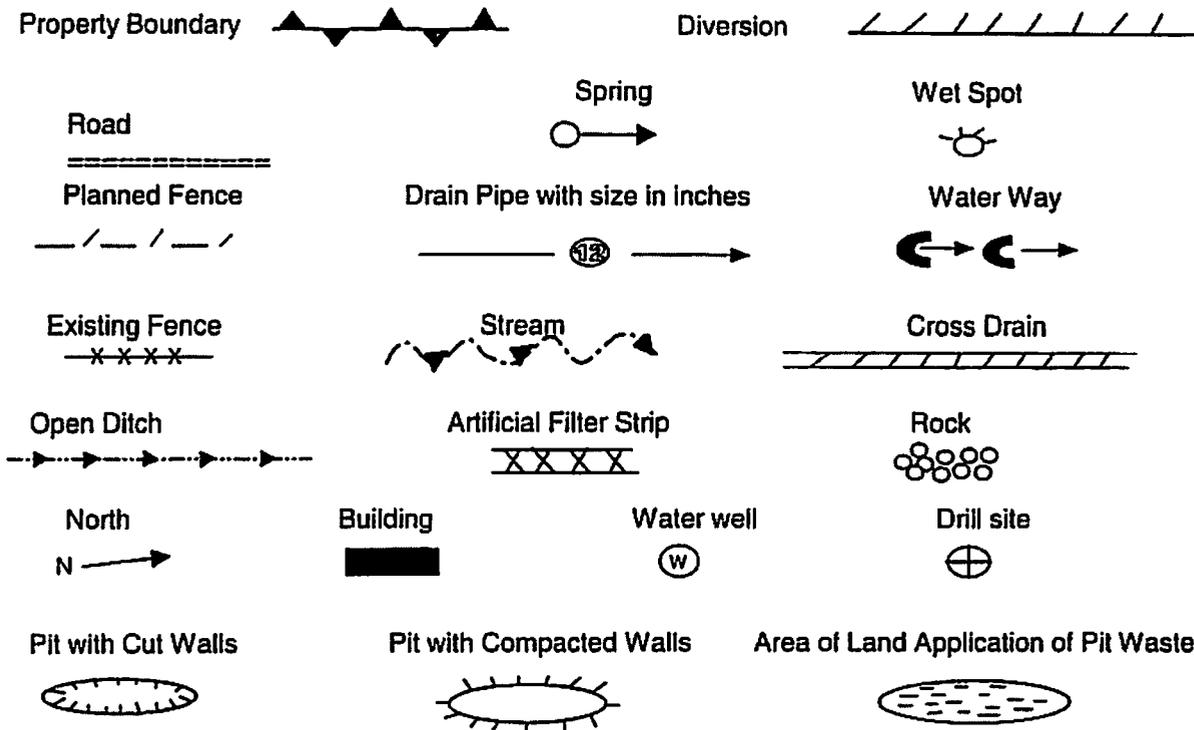
Subscribed and sworn before me this 17 day of MARCH, 2014

My Commission Expires 6/27/2018 Notary Public



**OPERATOR'S WELL NO.:**  
154481 (W.G. Bennett # 10794)

**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH 5.8

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
KY-31	40	Orchard Grass	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: Inspector Date: 4-9-14

Field Reviewed?  Yes  No

2101820P

Topo Quad: Tanner 7.5'

Scale: 1" = 2000'

County: Gilmer

Date: February 18, 2014

District: DeKalb

Project No: 25-19-00-07

47-021-01820 WV 154481 (W.G. Bennett #10794)

Topo



NAD 27, South Zone  
 N: 688,925.55  
 E: 2,006,807.41  
 WGS 84  
 LAT: 38.892000  
 LONG: -80.975915  
 ELEV: 889.10

Received  
 MAR 19 2014  
 Office of Oil and Gas  
 WV Dept. of Environmental Protection



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606  
 P.O. BOX 438  
 BIRCH RIVER, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

PREPARED FOR:  
**EQT Production Company**  
 P.O. Box 280  
 Bridgeport, WV 26330

WW-7  
8-30-06



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

API: 47-021-01820 WELL NO.: WV 154481 (W.G. Bennett #10794)

FARM NAME: W.G. Bennett

RESPONSIBLE PARTY NAME: EOT Production Company

COUNTY: Gilmer DISTRICT: DeKalb

QUADRANGLE: Tanner 7.5'

SURFACE OWNER: Coastal Lumber Company

ROYALTY OWNER: Coastal Lumber Company, et al.

UTM GPS NORTHING: 4304792

UTM GPS EASTING: 502089 GPS ELEVATION: 271 m (889 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.

Stacy O Brown  
Signature

PS # 2180  
Title

Received

3/3/14  
Date

MAR 19 2014

2101820F

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

Date: 3-17-14  
Operator's Well \_\_\_\_\_  
Well No. 154481 (W.G. Bennett # 10794)  
API Well No.: 47 021 - 01820

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

CK 17273  
10000

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: 889' Watershed: Middle Run of Little Kanawha River  
Location: DeKalb 2 County: Gilmer Quadrangle: Tanner 7.5' 634  
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 \_\_\_\_\_

Date Received

MAR 19 2014