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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

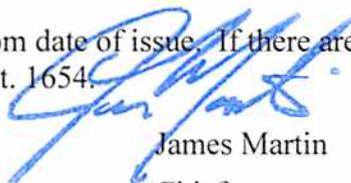
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-2102424, 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: WV 157811 (ERVIN LOWTHER 1)

Farm Name: LOWTHER, ERVIN

**API Well Number: 47-2102424**

**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.

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

Date: 3-17-14  
Operator's Well  
Well No. 157811 (Ervin Lowther Well #1)  
API Well No.: 47 021 - 02424

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: 1055' Watershed: Ellis Creek of Sand Fork of Little Kanawha River  
Location: Glenville County: Gilmer Quadrangle: Gilmer 7.5'  
District: \_\_\_\_\_

6) Well Operator EQT Production Company  
120 Professional Place  
Address: Bridgeport, WV 26330

7) Designated Agent: Rex C. Ray  
Address: 120 Professional Place  
Bridgeport, WV 26330

8) Oil & Gas Bryan Harris  
Name: P.O. Box 157  
Address: Volga, WV 26238

9) Plugging Contractor:  
Name: HydroCarbon Well Service  
Address: PO BOX 995  
Buckhannon, WV 26201

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

OFFICE USE ONLY

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

Work order approved by inspector

Bryan O. Harris

Date 4-9-14

## PLUGGING PROGNOSIS –Weston

**Lowther,E #1 (157811)**

GILMER, Co. WV  
 API # 47-021-02424  
 Burnsville Quad

BY: Craig Duckworth  
 DATE: 12/10/13

**CURRENT STATUS:**

8 5/8" csg @ 217' (70 sks cement)  
 2 7/8" csg @ 1899' (110 sks cement)

**TD @ 1919'**

Elevation: 1053'

**Fresh Water @ None Reported**                      **Salt Water @ None Reported**  
**1<sup>st</sup> Salt Sand @ Estimated @ 1353'**              **Coal @ None Reported**  
**Gas shows @ None Reported**  
**Oil Shows @ None Reported**  
**Stimulation: Fractured ( Blue Monday @1673' & Injun @ 1757')**

1. Notify State Inspector, Bryan Harris 304-553-6087, 24 hrs. Prior to commencing operations.
2. TIH w/ tbg @ 1919'; Set 300' C1A Cement Plug @ 1919' to 1619' ( Blue Monday @ 1673' & Injun @ 1757')
3. TOO H w/ tbg, Free Point 2 7/8", cut 2 7/8" @ free point, TOO H w/ 2 7/8" csg
4. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 2 7/8" cut. Do not omit any plugs.
5. TIH w/ tbg @ 1353'; Set 100' C1A Cement Plug @ 1353' to 1253'(Salt Sand @ 1353')
6. TOO H w/ tbg @ 1253'; gel hole @ 1253' to 1053'.
7. TOO H w/ tbg @ 1053'; Set 100' C1A Cement Plug @ 1053' to 953' (Elevation @ 1053')
8. TOO H w/ tbg @ 953'; gel hole @ 953' to 267'
9. TOO H w/ tbg @ 267'; Set 267' C1A Cement Plug @ 267'to 0' (8 5/8" @ 217')
10. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 8 5/8" cut. Do not omit any plugs.
11. Top off as needed
12. Set Monument to WV-DEP Specifications
13. Reclaim Location & Road to WV-DEP Specifications

GEL SPACERS BETWEEN ALL CEMENT PLUGS.

Received

MAR 19 2014

Office of Oil and Gas  
 WV Dept. of Environmental Protection

157811 2102424P  
 OIL & GAS  
 DEPT. OF MINES

DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Quadrangle Burnsville  
 Permit No. GIL2424

Rotary X Oil \_\_\_\_\_  
 Cable \_\_\_\_\_ Gas XX  
 Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
 Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
 Disposal \_\_\_\_\_ (Kind)

Company Basin Petroleum Corp.  
 Address Box 4, Glenville, W. Va.  
 Farm Erwin Lowther Acres 58  
 Location (waters) Ellis Fork  
 Well No. 1 Elev. 1053  
 District Glenville County Gilmer  
 The surface of tract is owned in fee by Erwin Lowther  
 Address Linn, W. Va.  
 Mineral rights are owned by Same  
 Address \_\_\_\_\_  
 Drilling Commenced 4/5/74  
 Drilling Completed 4/8/74  
 Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ hbls.  
 Final production 140 mcf cu. ft. per day \_\_\_\_\_ hbls.  
 Well open \_\_\_\_\_ hrs. before test 220# RP.  
 Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up (Cu. Ft. (Skts.))
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	217	217	70 sks.
7			
5 1/2			
<del>XXX</del> 2 7/8		1899	110 sks.
3			
2			
Lines Used			

Attach copy of cementing record.

Allegheny Nuclear logged, Dowell fractured 9/20/74,  
633 bbl. water, 500 gal 15% HCl, 30,000 # 20/40 sand. BD 3000 psig. TP - 2677 to 3100 psig. ISIP - 2100 psig.

9/24/74 551 bbl. water, 500 gal. 15% HCl, 26,000# 20/40 sand. BD 3000psig. TP - 2392 to 3100 psig. ISIP - 1700 psig.

Coal was encountered at -0- Feet \_\_\_\_\_ Inches  
 Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
 Producing Sand Blue Monday & Injun Depth 1676 to 1835

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & RR			0	230		
Slate & Shells			230	279		
Sand & RR			279	690		
Slate & Sand			690	1522		
RR			1522	1648		
L. Lime			1648	1673		
Blue Monday			1673	1700		
Big Lime			1700	1757		
Injun Sand			1757	1861		
Shale & Slate			1861	1919		
				1919		

Received  
 MAR 19 2014

Office of Oil and Gas  
 VA Dept. of Mines



1) Date: 3-17-14  
2) Operator's Well Number  
157811 (Ervin Lowther Well #1)  
3) API Well No.: 47 021 - 02424  
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 Mavis Lowther (Life Estate)  
Address Dan Lowther  
461 Right Ellis Road ✓  
Linn, WV 26384  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Bryan Harris  
Address P.O. Box 157  
Volga, WV 26238  
Telephone 304-553-6087

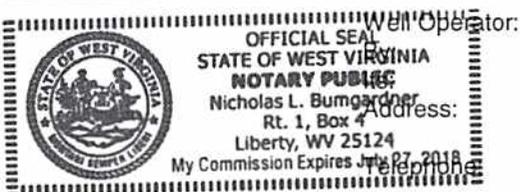
5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Gladis Mavis Lowther  
461 Right Ellis Rd. ✓  
Address Linn, WV 26384  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_

**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  
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  
MAR 19 2014

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).

2102424P

**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 <b>X</b></p> <p><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>Mavis Lowther(life estate) Dan Lowther 461 Right Ellis Rd. Linn, WV 26384 157811 plugging</b></p>	<p>3. Service Type</p> <p><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)</p> <p>PS Form 3811, July 2013</p>	<p style="text-align: center;">7013 2630 0001 4239 3956</p> <p style="text-align: center;">Domestic Return Receipt</p>

PS Form 3811, August 2005  
See Reverse for Instructions

**U.S. Postal Service™  
CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

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

Sent to: **Mavis Lowther(life estate)  
Dan Lowther  
461 Right Ellis Rd.  
Linn, WV 26384  
157811 plugging**

City, State, ZIP+4®: **Linn, WV 26384**

PS Form 3811, August 2005



7013 2630 0001 4239 3956

CERTIFIED MAIL™

Mavis Lowther(life estate)  
Dan Lowther  
461 Right Ellis Rd.  
Linn, WV 26384  
157811 plugging

Received

MAR 19 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection



repost  
03/17/2014  
US POSTAGE  
ZIP 26330  
041110228852

FIRST-CLASS MAIL  
\$07.40

2102424F

**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 <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>Gladis Mavis Lowther</b> 461 Right Ellis Rd. Linn, WV 26384 ✓ 157811 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>2. Article Number (Transfer from service label)</p> <p style="text-align: center;">7013 2630 0001 4239 3963</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>PS Form 3811, July 2013 Domestic Return Receipt</p>	

PS Form 3800, August 2006 See Reverse for Instructions

157811 plugging  
Linn, WV 26384  
Gladis Mavis Lowther

Sent to: Street, A or PO Bx. City, Sta.

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

Postmark Here

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only: No Insurance Coverage Provided)

7013 2630 0001 4239 3963  
7013 2630 0001 4239 3963



CERTIFIED MAIL™

Gladis Mavis Lowther  
461 Right Ellis Rd.  
Linn, WV 26384  
157811 plugging

Received

MAR 19 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection



FIRST CLASS MAIL  
\$07.40  
ZIP 26330  
0411.10228092

2) Operator's Well Number  
**157811 (Ervin Lowther Well #1)**

3) API Well No.: 47 021 - 02424

**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: Ellis Creek of Sand Fork of Little Kanawha River Quadrangle: Gilmer 7.5'

Elevation: 1055' County: Gilmer District: Glenville

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? \_\_\_\_\_

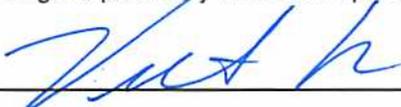
Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. \_\_\_\_\_

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.

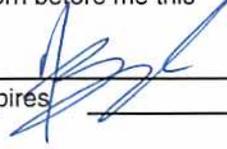
Company Official Signature 

Company Official (Typed or Printed) Victoria Roark MAR 19 2014

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 17 day of MARCH Office 2014 and Gas

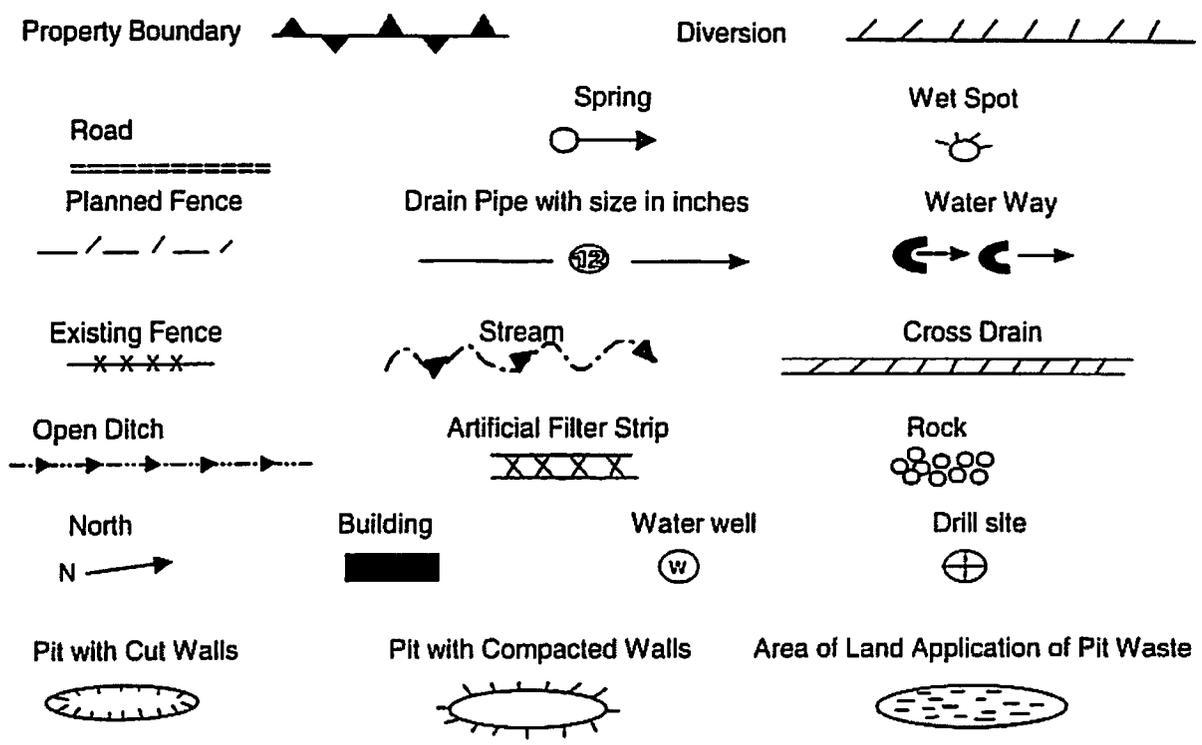
WV Dept. of Environmental Protection

My Commission Expires  6/27/2018 Notary Public

Received

**OPERATOR'S WELL NO.:**  
**157811 (Ervin Lowther Well #1)**

**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: Boya O'Hara

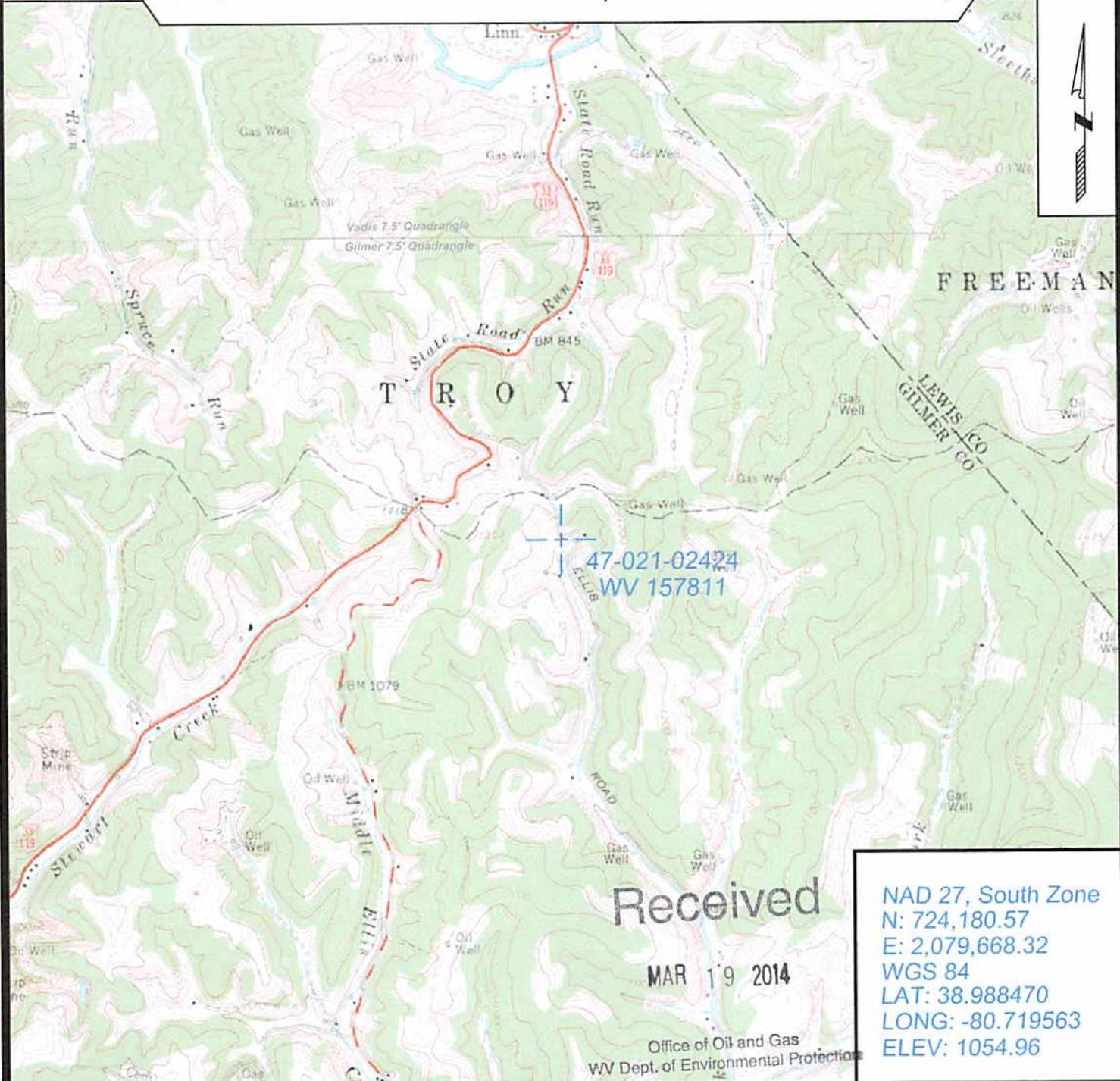
Comments: \_\_\_\_\_

Title: Inspection Date: 4-9-14  
Field Reviewed?  Yes  No

Topo Quad: Gilmer 7.5' Scale: 1" = 2000'  
 County: Gilmer Date: February 27, 2014  
 District: Glenville Project No: 25-19-00-07

47-021-02424 WV 157811 (Ervin Lowther Well #1)

Topo



Received  
 MAR 19 2014

NAD 27, South Zone  
 N: 724,180.57  
 E: 2,079,668.32  
 WGS 84  
 LAT: 38.988470  
 LONG: -80.719563  
 ELEV: 1054.96



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: 47-021-02424 WELL NO.: WV 157811 (Ervin Lowther Well #1)

FARM NAME: Ervin Lowther

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Gilmer DISTRICT: Glennville

QUADRANGLE: Gilmer 7.5'

SURFACE OWNER: Dan M. Lowther

ROYALTY OWNER: Mavis Lowther, et al.

UTM GPS NORTHING: 4315535

UTM GPS EASTING: 524288 GPS ELEVATION: 321 m (1055 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.

Received

MAR 19 2014

Stacy O'Brien  
Signature  
3/4/14  
Date

PS # 2180  
Title

2102424A

Topo Quad: Gilmer 7.5'

Scale: 1" = 2000'

County: Gilmer

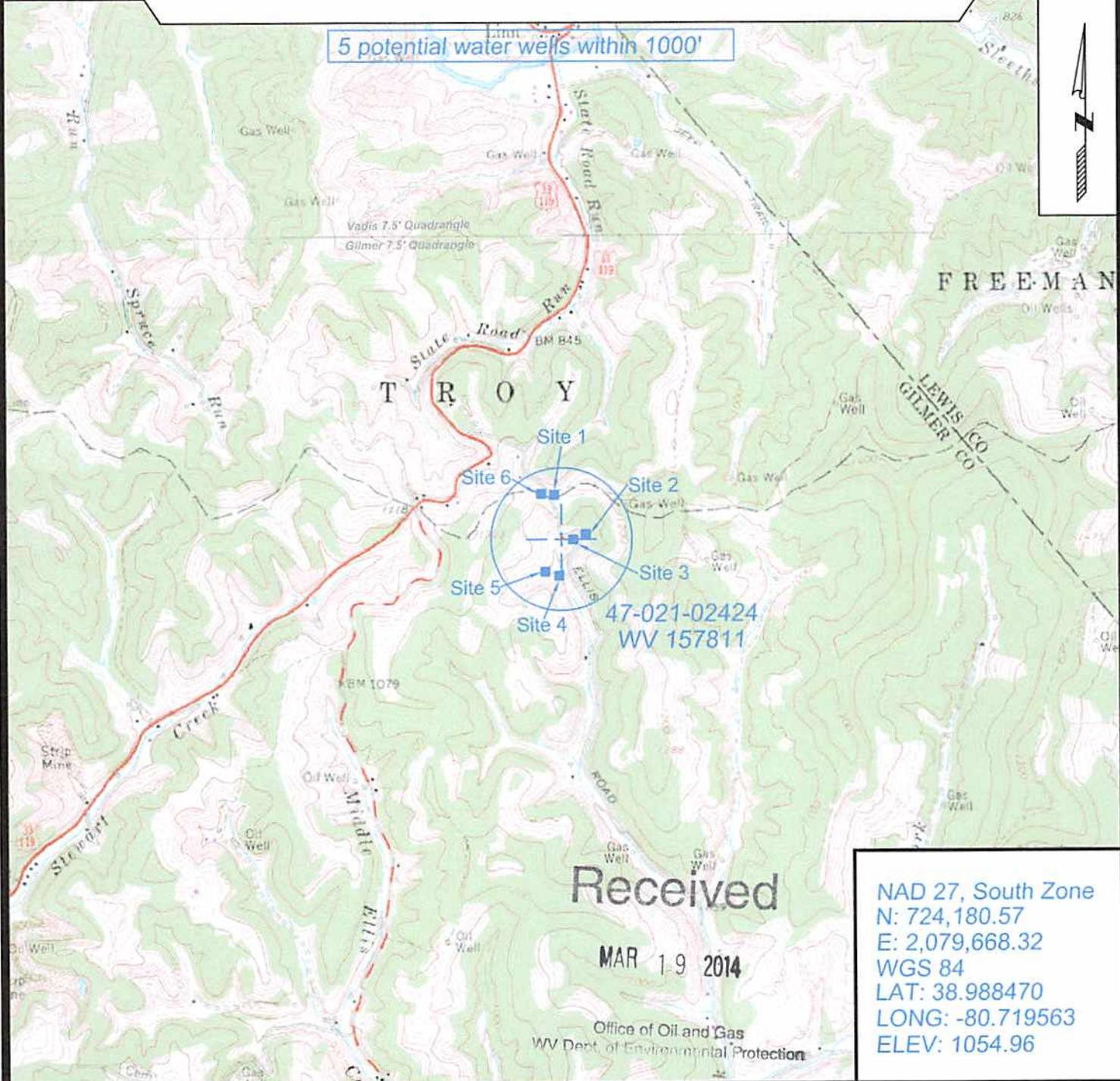
Date: February 27, 2014

District: Glenville

Project No: 25-19-00-07

Water

47-021-02424 WV 157811 (Ervin Lowther Well #1)



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. Ervin Lowther Well #1 WV 157811 (47-021-02424)

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that were potentially utilizing groundwater (potable) for Human Consumption or other purposes within 1000' of the existing well site. The following landowners will be notified of the opportunity to request a water sample.

\*Please note that the following information is subject to change upon field inspection.

### POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 633' +/- Owner: Roy T. Heater & Devan N. Poling  
Address: 1 First American Way, Westlake, TX 76262 Phone No. \_\_\_\_\_

Comments:

Site: 2 Spacing: 356' +/- Owner: Mavis & Dan M. Lowther  
Address: 461 Right Ellis Road, Linn, WV 26384 Phone No. \_\_\_\_\_

Comments:

Site: 3 Spacing: 165' +/- Owner: Mavis & Dan M. Lowther  
Address: 461 Right Ellis Road, Linn, WV 26384 Phone No. \_\_\_\_\_

Comments:

Site: 4 Spacing: 516' +/- Owner: Gilbert Shackelford  
Address: 365 E First Street Weston, WV 26452 Phone No. \_\_\_\_\_

Comments:

Site: 5 Spacing: 510' +/- Owner: Gilbert Shackelford  
Address: 365 E First Street Weston, WV 26452 Phone No. \_\_\_\_\_

Comments:

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

Site: 6 Spacing: 698' +/- Owner: Steve Carl Frye (1/3 Interest)

Address: 128 Right Ellis Rd Linn, WV 26384

Phone No. \_\_\_\_\_.

Comments:

Site: 6 Spacing: 698' +/- Owner: Rosa & Sara Smarr (2/3 Interest)

Address: 244 Ellis Rd Linn, WV 26384

Phone No. \_\_\_\_\_.

Comments:

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MAR 19 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

2102424P

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

Date: 3-17-14  
Operator's Well  
Well No. 157811 (Ervin Lowther Well #1)  
API Well No.: 47 021 - 02424

ZK 17213  
100

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: 1055' Watershed: Ellis Creek of Sand Fork of Little Kanawha River  
Location: Glenville 3 County: Gilmer 21 Quadrangle: Gilmer 7.5' 365  
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 \_\_\_\_\_

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