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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 20, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-1701398, 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: B-25  
Farm Name: MAXWELL, LEWIS  
**API Well Number: 47-1701398**  
**Permit Type: Plugging**  
Date Issued: 04/20/2015

**Promoting a healthy environment.**

**04/24/2015**

## 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.

1701398A

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

Date: March 4, 2015  
Operator's Well  
Well No. 129941 (Lewis Maxwell B-25)  
API Well No.: 47 017 - 01398

CK # 19085

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: 1238 ft. Watershed: \_\_\_\_\_  
Location: West Union County: Doddridge Quadrangle: West Union  
District: \_\_\_\_\_

6) Well Operator EQT Production Company 7) Designated Agent: Rex C. Ray  
120 Professional Place Address: 120 Professional Place  
Address: Bridgeport, WV 26330 Bridgeport, WV 26330

8) Oil & Gas Douglas Newlon 9) Plugging Contractor:  
Name: 4060 Dutchman Road Name: HydroCarbon Well Service  
Address: MacFarlan, WV 26148 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.**

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MAR 10 2015  
WV Department of  
Environmental Protection

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 \_\_\_\_\_

04/24/2015



PLUGGING PROGNOSIS - Weston

Maxwell, Lewis "B" #25 (129941)

ELEV. 1238.00

Doddridge Co., West Virginia  
API # 47-017-01398  
District: West Union

BY: Craig Duckworth  
DATE: 1/28/15

CURRENT STATUS:

8 1/4" csg @ 1197'  
4 1/2" csg @ 2217' ( 125sks cem)

ID @ 2217'

Fresh Water @ None reported      Salt Water @ None reported  
1" Salt Sand @ None reported      Coal @ None reported  
Gas Shows @ 1818' - Maxon Sand ; 2080' - Big Injun  
Oil Shows @ 1138' - Sand ; 1990' - Sand  
Stimulation: Fractured Big Injun Perfs 2097'-2100', 2131'-2134', 2139'-2141', 2151'-2155'  
Elevation: 1247'

1. Notify State Inspector, Douglas Newton 304-632-8049, 24 hrs. Prior to commencing operations.
2. TIH w/ tbg @ ~~2200'~~; Set 300' C1A Cement Plug @ ~~2200'~~ to 1900' ( Perfs @ 2155' to 2097' & Oil Show @ 1990') <sup>2217'</sup>
3. TOOH w/ tbg @ 1900'; gel hole @ 1900' to 1600'
4. TOOH w/ tbg, Free Point 4 1/2", cut 4 1/2" @ free point, TOOH w/ 4 1/2" csg
5. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 4 1/2" cut. Do not omit any plugs
6. TIH w/ tbg @ 1600'; Set 100' C1A Cement Plug @ 1600'-1500'(4 1/2" csg cut)
7. TOOH w/ tbg @ 1500' gel hole @ 1500' to ~~1247'~~ <sup>1297'</sup>
8. TOOH w/ tbg @ 1247'; Set 150' C1A Cement Plug @ ~~1247'~~ to 1100'(Elevation @ 1247' & Oil Show @ 1138' & 8 1/4" @ 1197')
9. TOOH w/ tbg, Free Point 8 1/4", cut 8 1/4" @ free point, TOOH w/ 8 1/4" csg
10. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 8 1/4" cut. Do not omit any plugs
11. TIH w/ tbg @ 1100' gel hole @ 1100' to 600'.
12. TOOH w/ tbg @ 600'; Set 100' C1A Cement Plug @ 600' to 500' (Safety Plug).
13. TOOH w/ tbg @ 500' gel hole @ 500' to 200'.
14. TOOH w/ tbg @ 200'; Set 200' C1A Cement Plug @ 200' to 0' ( Surface )
15. Top off as needed
16. Set Monument to WV-DEP Specifications
17. Reclaim Location & Road to WV-DEP Specifications

DW  
3-18-2015



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

1701398 P  
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Quadrangle West Union  
Permit No. Dod-1398

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Cities Service Oil Company  
Address Box 873, Charleston, W. Va. 25323  
Farm Lewis Maxwell Acres 1562  
Location (waters) Pritchard Run  
Well No. "B" #25, GW-1589 Elev. 1247.21  
District West Union County Doddridge  
The surface of tract is owned in fee by G. A. Pierce, et ux  
The Grand and Norton St. Address Oxford, Md.  
Mineral rights are owned by Grace M. Gaylord, et al  
410 Kemmerer Rd. Address State College, Pa.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packerc
16			none
13 3/8" 48#	19'	19'	Size of
10 3/4" 32#	303'	pulled	Depth set
8 1/4" 24#	1215'	1197'	
6 1/2"			
5 3/16"			
4 1/2" 9.5#	2217'	2217'	
3"			Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 8-17-66  
Drilling completed 9-19-66  
Date Shot. ROT shot From \_\_\_\_\_ To \_\_\_\_\_  
Wish \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume show after perforating Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs.  
Oil \_\_\_\_\_ bbls. 1st 24 hrs.  
WELL ACIDIZED (DETAILS) see attached sheet  
WELL FRACTURED (DETAILS) see attached sheet

Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Fl. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) see attached sheet  
Name of Service Co. \_\_\_\_\_  
COAL WAS ENCOUNTERED AT none FEET \_\_\_\_\_ INCHES \_\_\_\_\_  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (initial open flow or bbls.) 722 MCF (Big Injun)  
ROCK PRESSURE AFTER TREATMENT 168 HOURS 266  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun \_\_\_\_\_ Depth 2075-2158' (per electric logs)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	10			
Sand			10	43			
Slate and Shells			43	70			
Red Rock			70	93			
Lime			93	120			
Slate and Red Rock			120	180			
Slate			180	200			
Lime			200	240			
Sand			240	250			
Red Rock & Slate			250	333			
Sand			333	365			
Slate			365	375			
Red Rock			375	380			
Lime			380	410			
Slate and Shells			410	448			
Lime			448	465			
Pink Rock			465	530			
Lime			530	573			
Sand			573	603			
Slate and Shells			603	680			
Lime			680	725			
Gritty Lime			725	805			
Pink Rock			805	895			
Lime			895	935			
Pink Rock			935	945			
Lime			945	985			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate and Shells			985	1003			
Sand			1003	1025			
Pink Rock			1025	1080			
Hard Lime			1080	1100			
Slate			1100	1105			
Lime			1105	1115			
Sand			1115	1150	Oil	1138'	show
Slate and Shells			1150	1165			
Lime			1165	1190			
Slate and Shells			1190	1235			
Sand			1235	1280			
Slate			1280	1285			
Lime			1285	1355			
Slate and Shells			1355	1364			
Gritty Lime			1364	1391			
Sand			1391	1430			
Slate			1430	1436			
Sand			1436	1475			
Slate and Shells			1475	1618			
Sand			1618	1665			
Broken Lime			1665	1675			
Slate and Shells			1675	1810			
Maxon Sand			1810	1830	Gas	1818-22'	show-depleted
Slate and Shells			1830	1945			
Blue Monday Sand			1945	1961			
Lime - White and hard			1961	1980			
Sand			1980	2010	Oil	1990'	show
Big Lime			2010	2080			
Big Injun Sand			2080	2120			
Shale break			2120	2130			
Squaw Sand			2130	2158	Gas from Big Injun gauged 311 MCF -		
Slate			2158	2200	Show of gas only after fracturing		
Total depth							
				2200'	Drillers' Meas.		
				2201'	Schlumberger's Meas.		
<u>Electric Logs show:</u>							
Blue Monday Sand			1980	2012			
Big Lime			2015	2075			
Big Injun			2075	2158			
9-19-66	Ran Schlumberger Logs: Gamma Ray, Caliper, Density, Temperature & Induction.						
9-26-66	Ran Cement Bond Log, Gamma Ray Correlation Log and Collar Locator Log.						
See attached sheet for additional information							

17013989  
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Date \_\_\_\_\_, 19\_\_\_\_

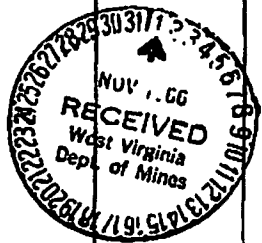
APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_  
 (Title)

04/24/2015

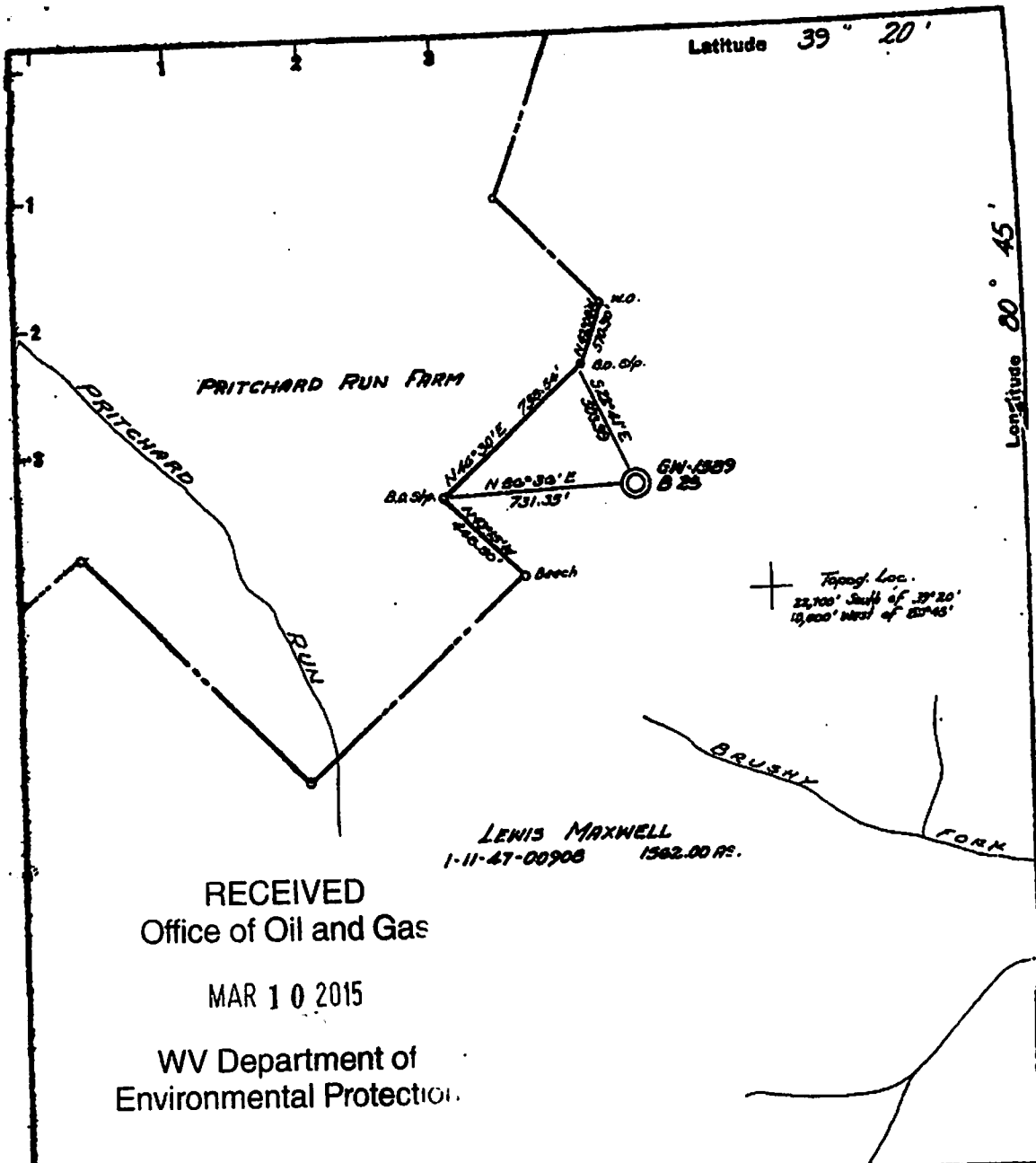
Formation	Color	Hard or Soft	Top CA	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>Additional information on Maxwell</u>					<u>"B" #25</u>		
<u>Casing Record</u>							
8-17-66							Set 13-3/8" casing at 19' - did not cement.
8-22-66							Ran and set 10-3/4" casing at 302' - did not cement. Pulled later.
9-1-66							Set 8-5/8" 24# J-55 casing, Grade B at 1,205'. Did not cement. Pulled 18' later.
9-19-66							Set and cemented 4-1/2" 9.5# Grade A, J-55 casing at 2201' with 125 sacks of Pozmix with friction reducer. Pumped 100 bbls. gel ahead of cement. Float at 2197'. Centralizers at 2197', 2132' and 2065'.
9-26-66							Perforated Big Injun 2097-2100', 2131-34', 2139-41' and 2151-55' with 2 holes per foot. Total of 24 holes. Show of gas after perforating.
9-26-66							<u>Fractured the Big Injun Sand</u> Pumped 500 gallons mud acid and 1,500 gallons regular acid. Maximum pressure 2,500#. Pressure broke to 1150#. Dropped 12 perf balls after pumping 1,000 gallons of acid. Could not tell when perf balls hit. Fraced Big Injun with 45,000# 20-40 sand, 28,000 gallons gelled water with fluid loss material and 35 gallons Morflo. Maximum treating pressure 2,600#. Average treating pressure 2,550#. Average injection rate 32.9 bbls/minute. Used 92,000' of nitrogen during treatment. Used 765 bbls. of fluid. Did not use perf balls during fracturing treatment. Pressure too high - Radio active beads put in during frac treatment.
9-27-66							Final open flow 722 MCF (Big Injun) after blowing 24-1/2 hours.

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Date October 28, 1966

APPROVED Cities Service Oil Company, Owner  
 By L. D. Todd, District Sup't  
 (Title)



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Fracture	<input type="checkbox"/>
Before 6/5/27	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Re-drill	<input type="checkbox"/>
Abandonment	<input type="checkbox"/>

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.  
PROVEN ELEVATION 1562

Company CITIZEN SERVICE OIL COMPANY  
 Address Box 673 Charleston, W. Va.  
 Farm LEWIS MAXWELL "B"  
 Tract \_\_\_\_\_ Acres 1562 Lesse No. 11-47-00908  
 Well (Farm) No. B-25 Serial No. GN-1399  
 Elevation (Spirit Level) 1247.1  
 Quadrangle WEST UNION  
 County DODDRIEGE District WEST UNION  
 Engineer Wendell J. Moore  
 Engineer's Registration No. 2113  
 File No. \_\_\_\_\_ Drawing No. 11-11-166  
 Date 23 MAY 58 Scale 1" = 500'

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

WELL LOCATION MAP  
FILE NO. 100-1398

+ 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.



WW-4-A  
Revised 6/07

MAR 10 2015

1) Date: March 4, 2015  
2) Operator's Well Number  
129941 (Lewis Maxwell B-25)  
3) API Well No.: 47 017 - 01398  
State County Permit

WV Department of Environmental Protection  
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 Ruth M. Davies Pierce  
Address c/o Tom Davies  
1104 Greenmont Circle  
Vienna, WV 26103  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Douglas Newlon  
Address 4060 Dutchman Road  
MacFarlan, WV 26148  
Telephone (304) 932-8049

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Mary Maxine Welch  
P. O. Box 4308  
Address Parkersburg, WV 26104-4308  
Name See Attachment  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_

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

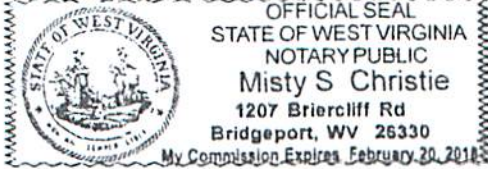
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
  - (2) The plat (surveyor's map) showing the well location on Form WW-6.
- The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Division of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

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

Subscribed and sworn before me this 4th day of March, 2015  
Misty S. Christie Notary Public  
My Commission Expires: 2/20/17

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.



04/24/2015

1701398P

WW4-A

**Additional Coal Owners**

Lewis Maxwell Oil & Gas, LLC  
P. O. Box 2253  
Clarksburg, WV 26302-2253

Karen Henderson  
190 Sapphire Lane  
Meadowbrook, WV 26404-6701

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1701398P  
 EOT  
 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>	A. Signature <b>X</b> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:	B. Received by (Printed Name) C. Date of Delivery
Ruth M. Davies Pierce c/o Tom Davies 1104 Greenmont Circle Vienna, WV 26103 <i>#125441</i>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
2. Article Number (Transfer from service label)	3. Service Type
7014 2670 0001 7863 1881	<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
PS Form 3811, July 2013	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

Domestic Return Receipt

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Ruth M. Davies Pierce  
 c/o Tom Davies  
 1104 Greenmont Circle  
 Vienna, WV 26103

PS Form 3800, July 2014

*#125441*

Sent to: Ruth M. Davies Pierce  
 c/o Tom Davies  
 1104 Greenmont Circle  
 Vienna, WV 26103

Postage \$  
 Certified Fee  
 Return Receipt Fee  
 Restricted Delivery Fee  
 Endorsement Required

Postmark Here

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 For delivery information, visit our website at [www.usps.com](http://www.usps.com)  
 Domestic Mail Only  
 U.S. Postal Service™  
 CERTIFIED MAIL® RECEIPT

7014 2670 0001 7863 1881  
 7014 2670 0001 7863 1881



repost  
 03/09/2015  
 US POSTAGE  
 \$07.61  
 FIRST CLASS MAIL  
 ZIP 26330  
 041110228992

04/24/2015

1701398P  
**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>	A. Signature <b>X</b> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:	B. Received by (Printed Name) C. Date of Delivery
Mary Maxine Welch P. O. Box 4308 Parkersburg, WV 26104-4308 #129941	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
2. Article Number (Transfer from service label)	3. Service Type
7014 2870 0001 7863 1904	<input checked="" 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
PS Form 3811, July 2013	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
Domestic Return Receipt	

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 WV Department of  
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PS Form 3800, July 2014 See Reverse for Instructions

#129941

Sent to: Mary Maxine Welch  
 P. O. Box 4308  
 Parkersburg, WV 26104-4308  
 City, State, or PO Box

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

Postmark Here

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 For delivery information, visit our website at [www.usps.com](http://www.usps.com)  
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U.S. Postal Service™  
**CERTIFIED MAIL® RECEIPT**

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 7014 2870 0001 7863 1904



neopost  
 03/09/2015  
**US POSTAGE**  
 \$07.61  
 FIRST-CLASS MAIL  
 ZIP 26330  
 041110228892

04/24/2015



1701398 P  
**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>		A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
1. Article Addressed to:  Karen M. Henderson 190 Sapphire Lane Meadowbrook, WV 26404-6701 #129941		B. Received by (Printed Name) _____ C. Date of Delivery _____	
2. Article Number (Transfer from service label)		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
PS Form 3811, July 2013		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	
Domestic Return Receipt		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
7014 2870 0001 7863 1898		7014 2870 0001 7863 1898	

RECEIVE  
 Office of Oil and  
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 WV Department of  
 Environmental Protection

PS Form 3800, July 2014  
 See Reverse for Instructions

#129941

Sent to: Karen M. Henderson  
 190 Sapphire Lane  
 Meadowbrook, WV 26404-6701  
 Zip: State: Z

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

Postmark Here

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04/24/2015

1701398P  
 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>		A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
1. Article Addressed to:  <div style="border: 1px solid black; padding: 5px; width: fit-content;">             Lewis Maxwell Oil &amp; Gas, LLC              P. O. Box 2253              Clarksburg, WV 26302-2253           </div> #129941		B. Received by (Printed Name) C. Date of Delivery	
2. Article Number (Transfer from service label) PS Form 3811, July 2013		D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:	
		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	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
		7014 2870 0001 7863 1911	

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 WV Department of  
 Environmental Protection

PS Form 3811, July 2013  
 See Reverse for Instructions

#129941

City, State,  
 Street & P.O. Box  
 Lewis Maxwell Oil & Gas, LLC  
 P. O. Box 2253  
 Clarksburg, WV 26302-2253

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

Postmark Here

7014 2870 0001 7863 1911

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2) Operator's Well Number

129941 (Lewis Maxwell B-25)

3) API Well No.: 47 017 - 01398

**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: \_\_\_\_\_ Quadrangle: West Union

Elevation: 1238 ft. County: Doddridge District: West Union

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.? 10 ml

Proposed Disposal Method for Treated Pit Wastes:  
 Land Application  
 Underground Injection - UIC Permit Number \_\_\_\_\_  
 Reuse (at API Number) \_\_\_\_\_  
 Offsite Disposal Permit #. \_\_\_\_\_  
 Other: Explain \_\_\_\_\_

*DLW  
3-18-2015*

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.

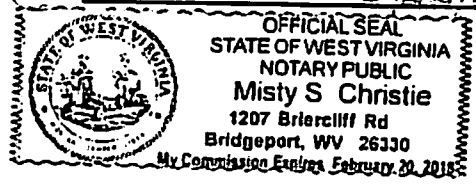
Company Official Signature *[Signature]*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 24th day of March, 2015

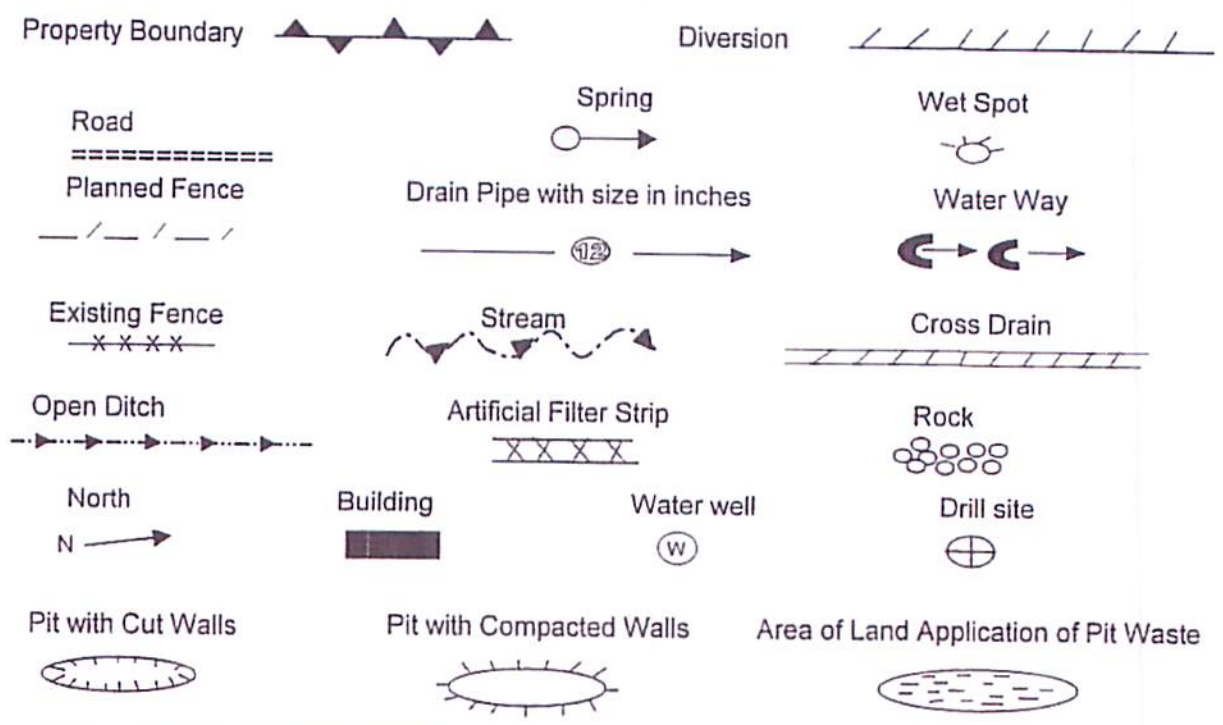
*[Signature]* Notary Public  
My Commission Expires 2/20/17





**OPERATOR'S WELL NO.:**  
129941 (Lewis Maxwell B-25)

**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH \_\_\_\_\_  
 Lime 3 Tons/acre or to correct to pH 6.5  
 Fertilizer (10-20-20) or equivalent 1/3 ton lbs/acre (500 lbs minimum)  
 Mulch 2 Tons/acre or hydroseed.

**SEED MIXTURES**

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

**ATTACH:**

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

Plan approved by: *Brandon Newb*

Comments: *seed + mulch any disturbed areas, install ETS where needed*

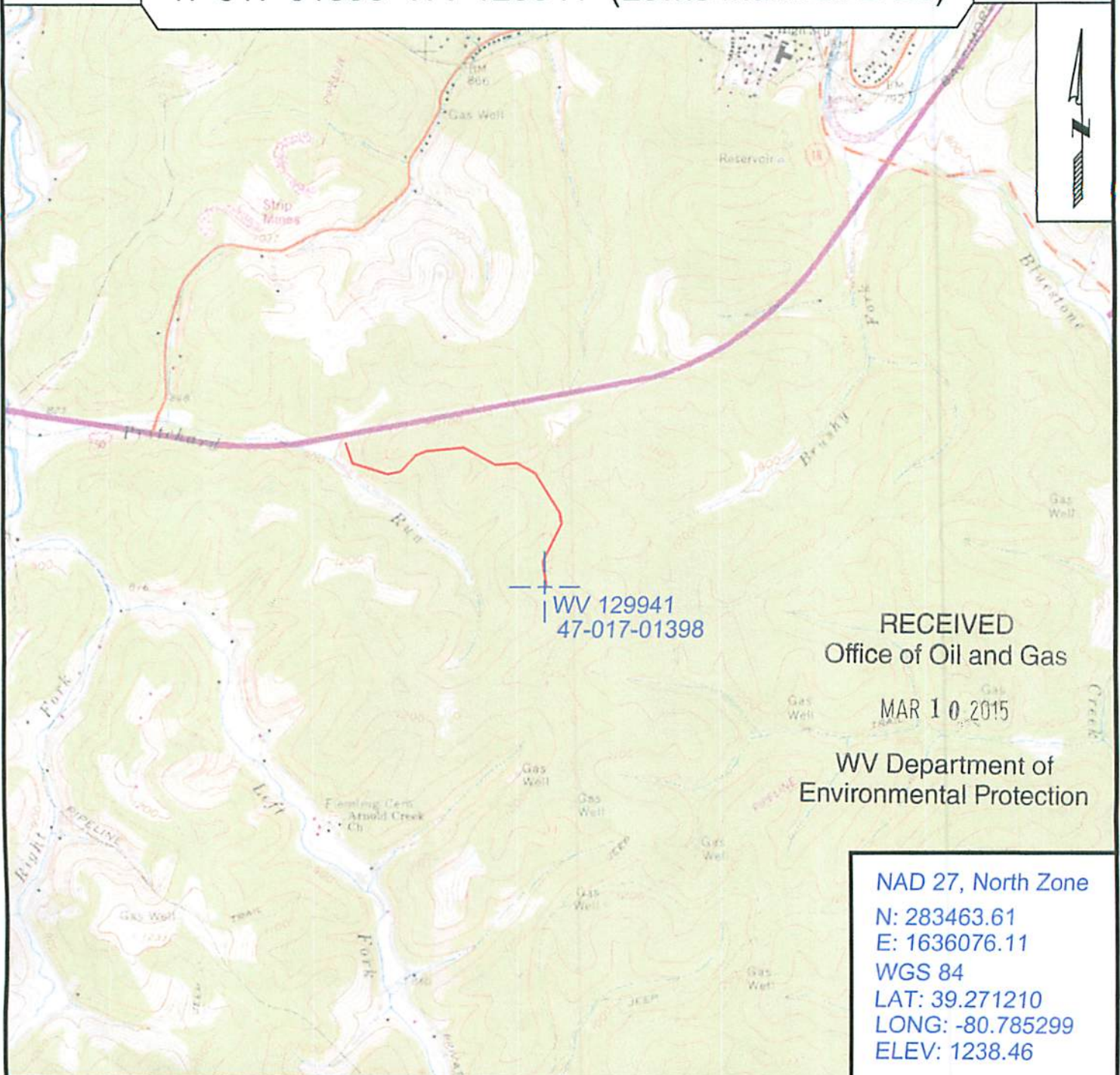
Title: *Oil Pugas Inspector* Date: *3-19-2015*  
 Field Reviewed? Yes  No



Topo Quad: West Union 7.5' Scale: 1" = 2000'  
 County: Doddridge Date: January 20, 2015  
 District: West Union Project No: 67-30-00-08

47-017-01398 WV 129941 (Lewis Maxwell B-25)

Topo



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NAD 27, North Zone  
 N: 283463.61  
 E: 1636076.11  
 WGS 84  
 LAT: 39.271210  
 LONG: -80.785299  
 ELEV: 1238.46



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

API: 47-017-01398 WELL NO.: WV 129941 (Lewis Maxwell B-25)  
FARM NAME: Lewis Maxwell  
RESPONSIBLE PARTY NAME: EQT Production Company  
COUNTY: Doddridge DISTRICT: West Union  
QUADRANGLE: West Union 7.5'  
SURFACE OWNER: Ruth Davies Pierce C/O Tom Davies  
ROYALTY OWNER: Mary Maxine Welch, et al.  
UTM GPS NORTHING: 4346896  
UTM GPS EASTING: 518520 GPS ELEVATION: 377 m (1238 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.

Signature

PS # 2180  
Title

1/20/15  
Date





## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
LEASE NAME AND WELL No. Lewis Maxwell B-25 - WV 129941 - API No. 47-017-01398

### POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 129941.

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**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

**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 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

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Topo Quad: West Union 7.5'

Scale: 1" = 2000'

County: Doddridge

Date: January 20, 2015

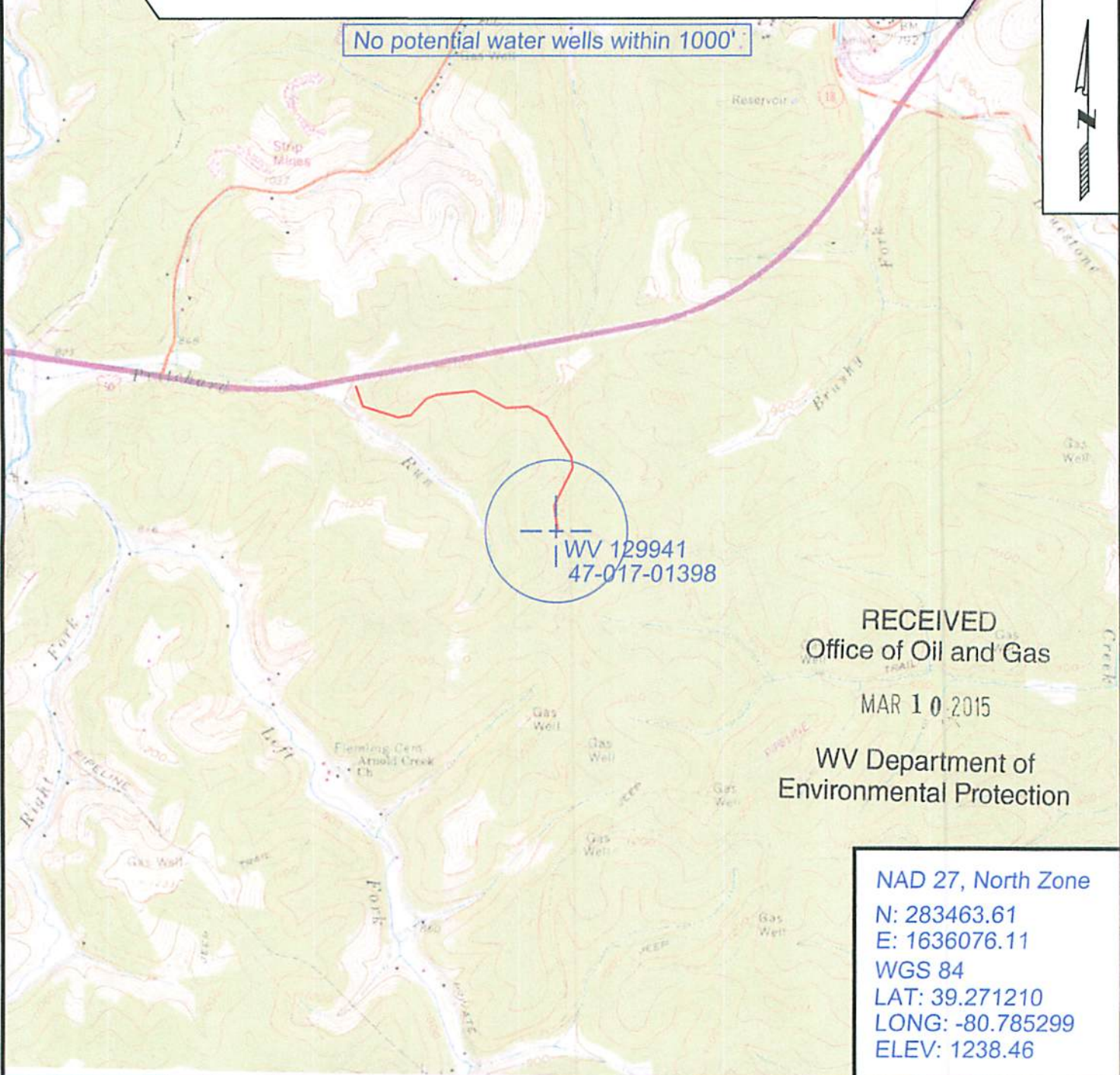
District: West Union

Project No: 67-30-00-08

Water

47-017-01398 WV 129941 (Lewis Maxwell B-25)

No potential water wells within 1000'



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Douglas Newton  
4060 Dutchman Road  
MacFarlan, WV 26148

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