



west virginia department of environmental protection

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

February 25, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1702093, 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: 4949
Farm Name: COULEHAN
API Well Number: 47-1702093
Permit Type: Plugging
Date Issued: 02/25/2015

Promoting a healthy environment.

02/27/2015

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

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.

1702093P

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

Date: January 7, 2015
Operator's Well _____
Well No. 604949 (John Coulehan #4949)
API Well No.: 47 017 - 02093

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

CK 18875
\$ 600.00

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: 1226 ft. Watershed: Jockey Camp Run of Middle Island Creek of Ohio R.
Location: West Union County: Doddridge Quadrangle: Smithburg
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.

Received
Office of Oil & Gas
JAN 12 2015

Handwritten signature

OFFICE USE ONLY

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.
Date _____
Work order approved by inspector _____

02/27/2015

47-017-02093 P

PLUGGING PROGNOSIS - Weston

Coulehan, John #4949 (604949)

Doddridge Co., West Virginia

API # 47-017-02093

Quad: West Union

BY: Craig Duckworth

DATE: 10/27/14

CURRENT STATUS:

10" csg @ 169' (pulled)
8 1/4" csg @ 1172' (pulled)
6 5/8" csg @ 1995' (Left in well 1235')
5 3/16" csg @ 2006'
2" tbg @ 2754' (Packer @ 2025')

TD @ 2754' (hole size 5 3/16")

Fresh Water @ None reported

1" Salt Sand @ 1540'

Gas Shows @ 2735'-2740' (Gordon Sand)

Oil Shows @ None reported

Stimulation: None reported

Elevation: ~~2227~~ 1226

Salt Water @ None reported

Coal @ 625'-629'

1. Notify State Inspector, Douglas Newlon 304-932-8049, 24 hrs. Prior to commencing operations.
2. Attempt to pull 2" tbg & packer. Check TD.
3. TIH w/ tbg @ 2754'; Set 100' C1A Cement Plug @ 2754' to 2654' (Gas Shows @ Gordon Sand 2735'-2740')
4. TOOH w/ tbg @ 2654'; gel hole @ 2654' to 2056'
5. TOOH w/ tbg, Free Point 5 3/16", cut 5 3/16" @ free point, TOOH w/ 5 3/16" csg
6. TIH w/ tbg @ 2056'; Set 100' C1A Cement Plug @ 2056' to 1956' (5 3/16 csg cut)
7. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 5 3/16" cut. Do not omit any plugs
8. TOOH w/ tbg @ 1956'; gel hole @ 1956' to 1540'
9. TOOH w/ tbg @ 1540'; Set 100' C1A Cement Plug @ 1540' to 1450'(Salt Sand @ 1540)
10. TOOH w/ tbg @ 1450'; gel hole @ 1450' to 1285'
11. TOOH w/ tbg, Free Point 6 5/8", cut 6 5/8" @ free point, TOOH w/ 6 5/8" csg
12. TIH w/ tbg @ 1285'; Set 185' C1A Cement Plug @ 1285' to 1100' (6 5/8" csg seat & 8 1/4" csg seat)
13. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 6 5/8" cut. Do not omit any plugs
14. TOOH w/ tbg @ 1100'; gel hole @ 1100' to 680'.
15. TOOH w/ tbg @ 680'; Set 100' C1A Cement Plug @ 680' to 580'(Coal @ 625'-629')
16. TOOH w/ tbg @ 580'; gel hole @ 580' to 200'.
17. TOOH w/ tbg @ 200'; Set 200' C1A Cement Plug @ 200' to Surface (10" csg @ 169' pulled)
18. Top off as needed
19. Set Monument to WV-DEP Specifications
20. Reclaim Location & Road to WV-DEP Specifications

DCW
1-27-2015

02/27/2015

EASTERN UNION GAS CO. COMPANY

1702093A

604949

47-017-08093

Record of Well No. 604949 Located on J.C. Coulehan Farm 19
 West Union District Doddridge County West Va. State
 Division District No. Drilled under well Order
 Well built by Began 19 Completed 19
 Well drilled by Began Jan. 12th 19 11 Completed March 28th 1911
 Depth of Well 2754 feet Size of Hole 5-3/16 Producing "Gas"

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
169'	10"		All pulled out.
1172'	8"		" " "
1995'	6-5/8"		Left in hole 1235 feet.
2006'	5-3/16		
2754'	2"		Packer set at 2025 feet.

COAL VEINS

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Pgh. Coal	625	629				
Pink Cave	1150	1175				
Big Dunkard	1205	1285				
Gas Sand	1420	1480				
Ball's Sand	1540	1585				
Pencil Cave	1890	1910				
Little Lime	1910	1945				
Blue Monday	1945	1985				
Big Lime	1985	2052				
Big Injun Sand	2052	2130				
Squaw Sand	2139	2166				
Hantz Sand	2350	2385				
Fifty Foot	2548	2579				
Thirty Foot	2640	2670				
London Stray	2729	2733				
" Sand	2734	2745		2735 2740		3/10 M 5-3/16" 6/10 M "

Received
 Office of Oil & Gas
 JAN 12 2015

02/27/2015

1702093P

WW-4-A
Revised 6/07

1) Date: January 7, 2015
2) Operator's Well Number
604949 (John Coulehan #4949)
3) API Well No.: 47 017 - 02093
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 Chad Johnson
Address 109 Platinum Dr., S.E. ✓
Bridgeport, WV 26330

(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 H3, LLC
1483 Johns Creek Road ✓
Address Milton, WV 25541-8712

Name _____
Address _____
See Attachment

(c) Coal Lessee with Declaration
Name None
Address _____

Name _____
Address _____

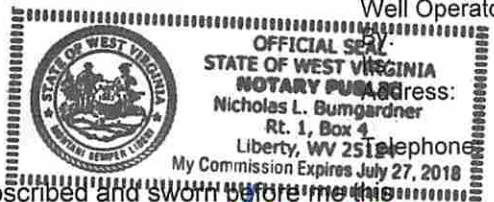
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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 *[Signature]*
Permitting Supervisor
PO Box 280
Bridgeport, WV 26330
(304) 848-0076

Subscribed and sworn before me this 9 day of JANUARY, 2015
[Signature] Notary Public
My Commission Expires: 7/27/2018



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.
JAN 12 2015

02/27/2015

WW4-A

Additional Coal Owners

Jane A. Bergey-Hoy ✓
2831 Diana Lyn Drive
Stow, OH 44224-1605

Hugh Roy Jones ✓
4309 Fraser St. Unit #1
Georgetown, SC 29440-0000

Michael L. Clayton ✓
P. O. Box 140
6000 Hoyt Rd.
Harbor Springs, MI 49740-0140

Robert L. Holland ✓
308 Church St.
West Union, WV 26456

Judith E. Kulesa ✓
1152 Catherine St.
Mogadore, OH 44260-9617

Kenneth M. Jones ✓
1049 Clark St.
Akron, OH 44306-1349

R. Martin Jones ✓
727 Carnegie Ave.
Akron, OH 44314

Phyllis J. Davis ✓
2246 Redstone Drive
Greenfield, IN 46140-6615

Received
Office of Oil & Gas

JAN 12 2015

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

Received
 Office of Oil & Gas
 JAN 12 2015

02/27/2015

FIRST CLASS MAIL
 \$09.75
 01/09/2015
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Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Postmark Here

Chad Johnson
 109 Platinum Drive., S.E.
 Bridgeport, WV 26330

604949 (John Coulehan #4949)

SENDER COMPLETED

- Complete items 1, 2, and 4 if Restricted Delivery.
- Print your name and address so that we can return to you if we cannot deliver the mail or on the front if space is available.
- Attach this card to the back of the envelope.

1. Article Addressed to:
 Chad Johnson
 109 Platinum Drive., S.E.
 Bridgeport, WV 26330
 604949 (John Coulehan #4949)

Agent
 Addressing
 Date of Delivery

17 Yes No

Certified Mail® Priority Mail Express®
 Registered® Return Receipt for Merchandise
 Insured Mail Collect on Delivery
 Restricted Delivery? (Extra Fee) Yes

7014 0150 0001 0654 4497
 Domestic Return Receipt
 PS Form 3811, July 2013

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

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

Postmark Here

H3, LLC
 1483 Johns Creek Road
 Milton, WV 25541-8712
 604949 (John Coulehan #4949)

- SENDER - COMPLETE WITH**
- Complete items 1, 2, and item 4 if Restricted Daily
 - Print your name and address so that we can return the card to you if space is not used
 - Attach this card to the back of the envelope or on the front if space is not used
1. Article Addressed to:

H3, LLC
 1483 Johns Creek Road
 Milton, WV 25541-8712
 604949 (John Coulehan #4949)

3. Service Type
- Certified Mail™
 - Registered
 - Insured Mail
 - Restricted Delivery? (Extra Fee)
 - Priority Mail Express™
 - Return Receipt for Merchandise
 - Collect on Delivery

4. Article Number (Transfer from service label)
 7014 0150 0001 0654 4503

Domestic Return Receipt

PS Form 3811, July 2013

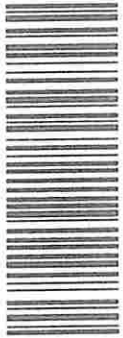
02/27/2015

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 C/O Vicki Roark
 P.O. Box 280
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REGISTRATION
 01/09/2015
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 041110228592

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

Postmark
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Jane A. Bergey-Hoy
 2831 Diana Lyn Drive
 Stow, OH 44224-1605
 604949 (John Coulehan #4949)

SENDER: COMPLETE THIS

- Complete items 1, 2, and item 4 if Restricted Delivery.
- Print your name and address so that we can return the card to you.
- Attach this card to the back or on the front if space permits.

1. Article Addressed to:

Jane A. Bergey-Hoy
 2831 Diana Lyn Drive
 Stow, OH 44224-1605
 604949 (John Coulehan #4949)

Instructions

2. Article Number

(Transfer from service label)
 PS Form 3811, July 2013

7014 0150 0001 0654 4510

Domestic Return Receipt

- Agent
- Addressee

Date of Delivery

- Yes
- No

- Certified Mail™
- Registered Mail™
- Insured Mail™
- Restricted Delivery? (Extra Fee)

- Priority over Express™
- Return Receipt for Merchandise
- Collect on Delivery

4. Restricted Delivery? (Extra Fee)

- Yes

1702093P

02/27/2015

1702093A

REGISTRATION NO. 07/00/2015
FIRST CLASS MAIL
\$09.75
ZIP 26330
CALL 1022185

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

Postmark Here

Hugh Roy Jones
4309 Fraser St. Unit #1
Georgetown, SC 29440
604949 (John Coulehan #4949)

SENDER, COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also item 4 if Restricted Delivery is chosen.
- Print your name and address so that we can return the card to you.
- Attach this card to the back of or on the front, if space permits.

1. Article Addressed to:

Hugh Roy Jones
4309 Fraser St. Unit #1
Georgetown, SC 29440

604949 (John Coulehan #4949)

2. Article Number
(Transfer from service label)
PS Form 3811, July 2013

7014 0150 0001 0654 4527

Domestic Return Receipt

- Registered
- Insured Mail
- Restricted Delivery? (Extra Fee) Yes No
- Return Receipt for Merchandise
- Collect on Delivery

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

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Office of Oil & Gas
JAN 12 2015

02/27/2015

1702093F

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\$06
01/14/2015
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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total		

Sent by: *AKA: U.S. Mail*

Postmark Here

Michael L. Clayton
 P.O. Box 140
 6000 Hoyt Rd.
 Harbor Springs, MI 49740-0140
 604949 (John Coulehan #4949) Plugging

SENDER: COM

- Complete item label if flexible
- Print your name so that we can attach this card or on the front
- Article Addressed

1. Article Addressed

Michael L. Clayton
 P.O. Box 140
 Harbor Springs, MI 49740-0140
 604949 (John Coulehan #4949) Plugging

Delivery

Agent
 Addressee
 Date of Delivery

From item 17 Via No

Postage Indemnity Fee (PIF) Yes No

4. Restricted Delivery? (Extra Fee) Yes No

Article Number (Transfer from service label) 7014 0150 0001 0654 4480

PS Form 3811, July 2013

Received
 JAN 14 2014
 Office of Oil and Gas
 WV Dept. of Environmental Protection

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

02/27/2015

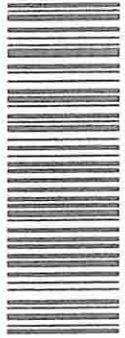
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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total	\$	

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Sent
 Street or P.O. Box
 City, State, ZIP+4®
 PS Form 3811, July 2013

Robert L. Holland
 308 Church St.
 West Union, WV 26456
 604949 (John Coulehan #4949)

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also item 4 if Restricted Delivery is desired.
- Print your name and address on the back of the card so that we can return the card to you.
- Attach this card to the back of the envelope or on the front if space permits.

1. Article Addressed to:
 Robert L. Holland
 308 Church St.
 West Union, WV 26456
 604949 (John Coulehan #4949)

- Certified Mail™
- Registered Mail™
- Insured Mail™
- Restricted Delivery? (Extra Fee)
- Priority Mail Express™
- Return Receipt for Merchandise
- Collect on Delivery
- Yes

2. Article Number (Transfer from service)
 7014 0150 0001 0654 4534

3. Domestic Return Receipt

02/27/2015

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Bridgeport, WV 26330

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02/27/2015

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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	

Judith E. Kulesa
1152 Catherine St.
Mogadore, OH 44260-9617
604949 (John Coulehan #4949)

Postmark
Here

- SENDER: COMPLETE THIS**
- Complete items 1, 2, and 3, and item 4 if Restricted Delivery.
 - Print your name and address so that we can return the card to you.
 - Attach this card to the back or on the front if space permits.
1. Article Addressed to:
- Judith E. Kulesa
1152 Catherine
Mogadore, OH 44260-9617
604949 (John Coulehan #4949)

2. Article Number
(Transfer from service label)
3. Return Receipt for Merchandise
 Registered Insured Mail Collect on Delivery
4. Restricted Delivery? (Extra Fee) Yes No

7014 0150 0001 0654 4541
Domestic Return Receipt
PS Form 3811, July 2013

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

Received
 Office of Oil & Gas

JAN 12 2015

1702093P

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 ZIP 26330
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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total P		

Postmark Here

Sent To
 Kenneth M. Johes
 1049 Clark St.
 Akron, OH 44306-13493
 604949 (John Coulehan #4949)

SENDER: COMPLETE THIS

- Complete items 1, 2, and 3 from 4 if Restricted Delivery
- Print your name and address so that we can return the card to you if we cannot deliver it
- Attach this card to the back or on the front if space permits

1. Article Addressed to:
 Kenneth M. Johes
 1049 Clark
 Akron, OH 44306-13493
 604949 (John Coulehan #4949)

Agent
 Address
 Date of Delivery
 Yes
 No

Insured Mail
 Restricted Delivery? (Extra Fee)
 Collection Delivery
 Yes
 No

7014 0150 0001 0654 4558

2. Article Number (Transfer from services list)

PS Form 3811, July 2013 Domestic Return Receipt

02/27/2015

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

Received
 Office of Oil & Gas

JAN 1 2 2015

1702093P

First class
 01/09/2015
US POSTAGE
\$09.75
 ZIP 26330
 09111 1022 689

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7014 0150 0001 0654 4565
 7014 0150 0001 0654 4565

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

Sent To
 R. Martin Jones
 727 Carnegie Ave.
 Akron, OH 44314
 604949 (John Coulehan #4949)

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
 R. Martin Jones
 727 Carnegie Ave.
 Akron, OH 44314
 604949 (John Coulehan #4949)

2. Article Number
 (transfer from service label)
 7014 0150 0001 0654 4565

Agent
 Address
 of Delivery
 Yes
 No

3. Service Type
 Certified Mail™
 Registered
 Insured Mail
 Restricted Delivery? (Extra Fee) Yes

Priority Mail Express™
 Return Receipt for Merchandise
 Collect on Delivery

PS Form 3811, July 2013
 Domestic Return Receipt

02/27/2015



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

Received
Office of Oil & Gas

JAN 12 2015

02/27/2015

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\$09.75

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01/09/2015
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Sent To
Street, Apt.
or PO Box
City, State

Phyllis J. Davis
2246 Redstone Drive
Greenfield, IN 46140-6615
604949 (John Coulehan #4949)

PS Form

SENDER: COMPLETE

- Complete items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Print your name and address so that we can return this card to the sender or on the front of space.
- Article Addressed to:

Phyllis J. Davis
2246 Redstone Drive
Greenfield, IN 46140-6615
604949 (John Coulehan #4949)

- Agent Addressed to
- Date of Delivery
- Yes No
- Priority Mail Express™
- Return Receipt for Merchandise
- Collect on Delivery
- Yes No

- 2. Article Number
(Transfer from service label)
- PS Form 3811, July 2013

7014 0150 0001 0654 4572

Domestic Return Receipt

1102093P

1702093P

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

Douglas Newton
4060 Dutchman Road
Mactaran, WV 26148

604949 (John Coulahan #4949)

650771 (Jones & Blair #305)

604953 (Fannie Harper #4953)

121521 MAYFIELD D-3

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01/09/2015
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02/27/2015

**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: Jockey Camp Run of Middle Island Creek of Ohio R. Quadrangle: Smithburg
Elevation: 1226 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 204L

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

*DCW
1-27-2015*

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 *Victoria Roark*

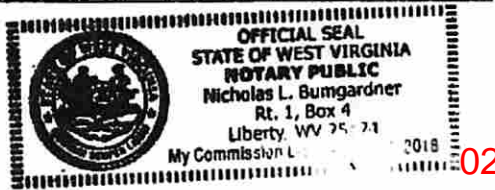
Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 9 day of January, 2015

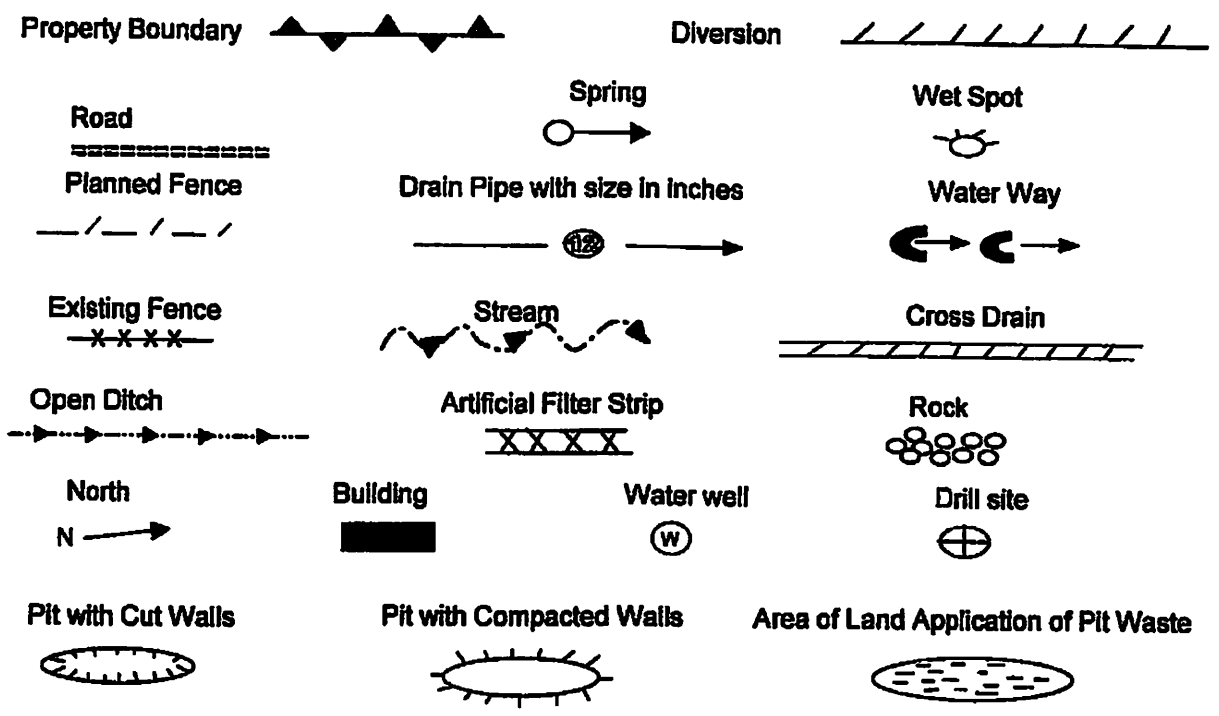
Notary Public

My Commission Expires 7/27/2018



OPERATOR'S WELL NO.:
804949 (John Coulehan #4949)

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: Franklin Nester

Comments: Install F.T.S. to Wu Dep regulations
24 hr. Notice before land application of pit.

Title: Pit was inspected Date: 1-27-2015

Field Reviewed? Yes No

Topo Quad: Smithburg 7.5'

Scale: 1" = 2000'

County: Doddridge

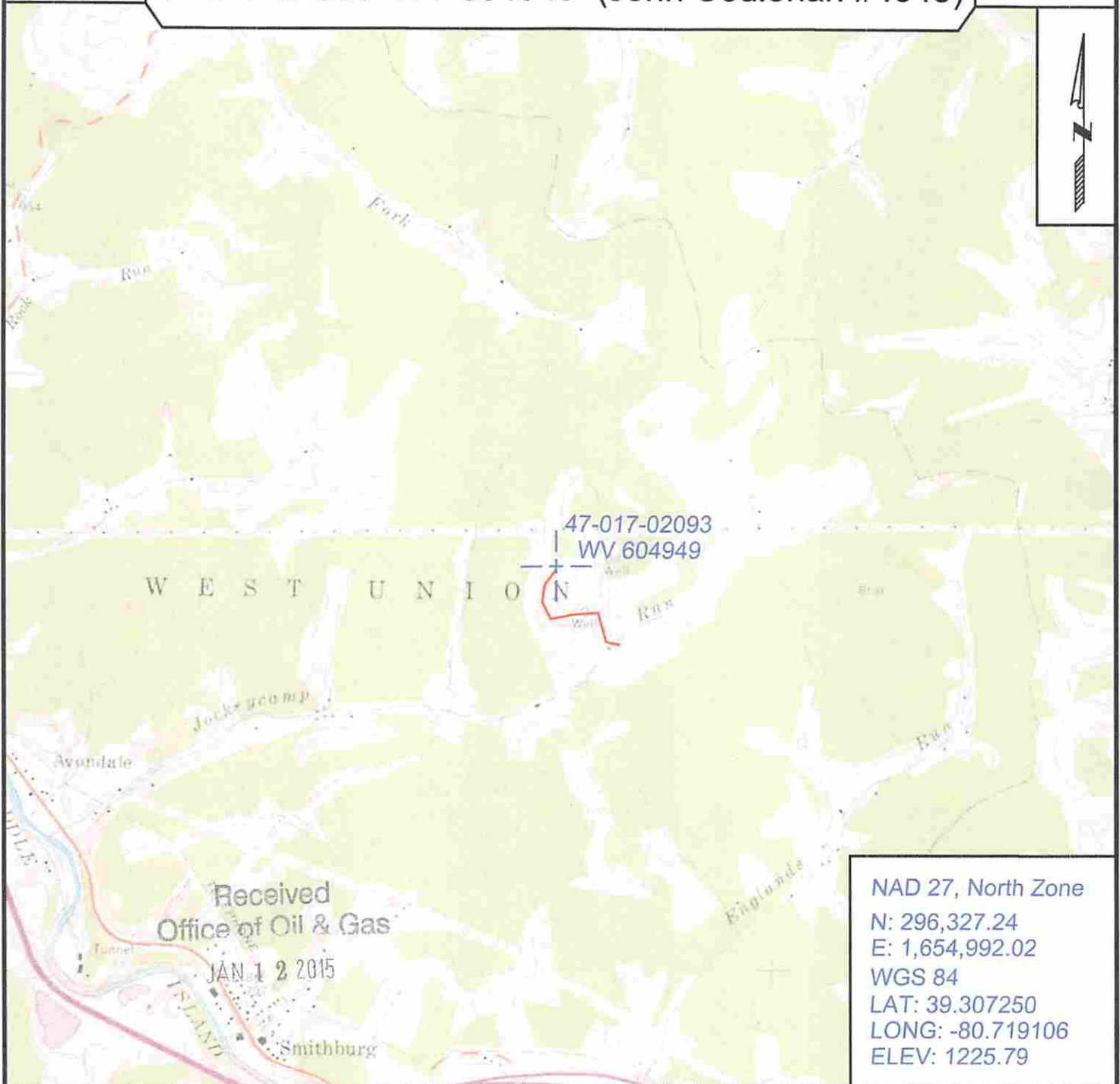
Date: October 27, 2014

District: West Union

Project No: 67-30-00-08

47-017-02093 WV 604949 (John Coulehan #4949)

Topo



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JAN 12 2015

NAD 27, North Zone
 N: 296,327.24
 E: 1,654,992.02
 WGS 84
 LAT: 39.307250
 LONG: -80.719106
 ELEV: 1225.79



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

02/27/2015

1702093P

WW-7
8-30-06



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

API: 47-017-02093 WELL NO.: WV 604949 (John Coulehan #4949)
FARM NAME: John Coulehan
RESPONSIBLE PARTY NAME: EQT Production Company
COUNTY: Doddridge DISTRICT: West Union 8
QUADRANGLE: Smithburg 7.5' well
SURFACE OWNER: Key Oil Company, et al.
ROYALTY OWNER: Franklin L. Butler, et al.
UTM GPS NORTHING: 4350911
UTM GPS EASTING: 524218 GPS ELEVATION: 373 m (1226 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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS : Post Processed Differential
Real-Time Differential
Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential

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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.

Stephenson Signature PS # 2100 Title 12/9/14 Date

02/27/2015

1702093P



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. John Coulehan #4949 - WV 604949 - API No. 47-017-02093

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 604949.

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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

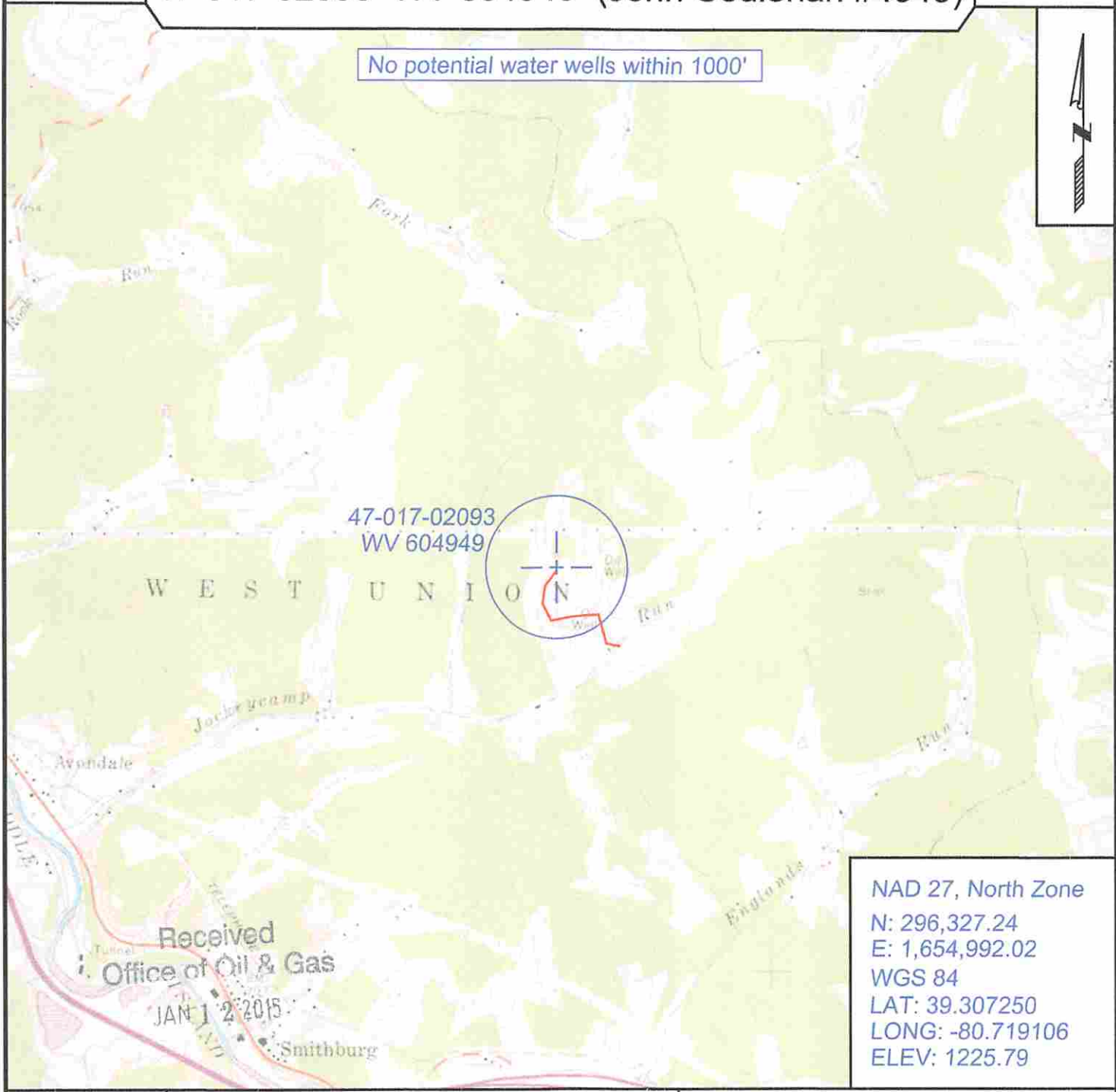
170 2093P

Topo Quad: Smithburg 7.5' Scale: 1" = 2000'
 County: Doddridge Date: October 27, 2014
 District: West Union Project No: 67-30-00-08

Water

47-017-02093 WV 604949 (John Coulehan #4949)

No potential water wells within 1000'



47-017-02093
WV 604949



NAD 27, North Zone
 N: 296,327.24
 E: 1,654,992.02
 WGS 84
 LAT: 39.307250
 LONG: -80.719106
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