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: 47-1702154, 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 penalities 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: D-3
Farm Name: MAXWELL, L.
API Well Number: 47-1702154
Permit Type: Plugging
Date Issued: 02/25/2015

Promoting a healthy environment.

1702154 P

PERMIT CONDITIONS

COALBED METHANE WELLS

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. If this well is associated with a coal operator mine through, then the plugging methodology (work order) must have MSHA Approval.

1702154P

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

Date: January 7, 2015
Operator's Well
Well No. 121521 (Maxwell D-3)
API Well No.: 47 017 - 02154

CK 18875
$600.00

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: 1084 ft Watershed: Blue Stone Ck. Of Middle Island Ck. Of Ohio R.
Location: West Union County: Doddridge Quadrangle: West Union
District:

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

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

8) Oil & Gas Name: Douglas Newlon
Address: 4060 Dutchman Road
Macfarlan, WV 26148

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.

Received
Office of Oil & Gas
JAN 12 2015

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 _____

1702154P

PLUGGING PROGNOSIS --Weston

Maxwell D #3 (121521)
Doddridge Co., West Virginia
API # 47-017-02154
West Union Quad

BY: Craig Duckworth
DATE: **10/15/14**

CURRENT STATUS:

10" csg	@ 350'
8 1/4" csg	@ 912'
6 5/8" csg	@ 1150'
3" tbg	@ ????

TD @ 1660'

Fresh Water @ None reported
1st Salt Sand @ 1300'
Gas Shows @ 1660' Big Injun
Oil Shows @ None reported
Stimulation: None reported
Elevation: 1100' Verify Elevation 1084 or 1100'

Salt Water @ None reported
Coal @ None reported

1. Notify State Inspector, Douglas Newlon 304-932-8049, 24 hrs. Prior to commencing operations.
2. TIH w/ tbg @ 1660'; Set 200' C1A Cement Plug @ 1660' to 1460' (Gas Shows @ 1660' Big Injun)
3. TOOH w/ tbg @ 1460'; gel hole @ 1460' to 1300'
4. TOOH w/ tbg, Free Point 6 5/8", cut 6 5/8" @ free point, TOOH w/ 6 5/8" csg
5. TIH w/ tbg @ 1300'; Set 150' C1A Cement Plug @ 1300' to 1150' (6 5/8" casing cut & Salt Sand @ 1300')
6. 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
7. TOOH w/ tbg @ 1150'; ~~gel hole~~ cement @ 1150' to 962'.
8. TOOH w/ tbg, Free Point 8 1/4", cut 8 1/4" @ free point, TOOH w/ 8 1/4" csg
9. TIH w/ tbg @ 962'; Set 100' C1A Cement Plug @ 962' to 862' (8 1/4" csg 912')
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. TOOH w/ tbg @ 862'; gel hole @ 862' to 400'.
12. TOOH w/ tbg @ 400'; Set 100' C1A Cement Plug @ 400' to 300' (10" csg @ 350')
13. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 10" cut. Do not omit any plugs
14. TOOH w/ tbg @ 300' gel hole @ 300' to 200'.
15. TOOH w/ tbg @ 200'; Set 200' C1A Cement Plug @ 200' to 0' (Surface)
16. Top off as needed
17. Set Monument to WV-DEP Specifications
18. Reclaim Location & Road to WV-DEP Specifications

DCW
1-27-2015

1702154P

FORM IV-35
(Obverse)
(08-78)

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

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Date: 4-2-1980
Operator's Well No. GW 36 (D-3
API Well No. 47 - 017 - 21
State County Permit

2154

WELL TYPE: Oil ____/ Gas ✓ / Liquid Injection ____/ Waste Disposal ____/
(If "Gas", Production ____/ Underground storage ____/ Deep ____/ Shallow ____/

LOCATION: Elevation: 1100.00' Watershed: LT FORK OF ARNOLDS CK & BLUESTONE CK
District: WEST UNION County: DODDRIDGE Quadrangle: WEST UNION 7½

WELL OPERATOR CITIES SERVICE CO.
Address BOX 873
CHARLESTON, W V 25323

DESIGNATED AGENT MR SAM J MATTHEWS
Address BOX 873
CHARLESTON, W V 25323

PERMITTED WORK: Drill ____/ Convert ____/ Drill deeper ____/ Redrill ____/ Fracture or stimulate ____/
Plug off old formation ____/ Perforate new formation ____/
Other physical change in well (specify) ____
F.E.R.C. FILING

PERMIT ISSUED ON UNKNOWN, 19____

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED
____, 19____

OIL & GAS INSPECTOR FOR THIS WORK:
Name ____
Address ____

GEOLOGICAL TARGET FORMATION: BIG INJUN Depth 1660 feet

Depth of completed well, ____ feet Rotary ____/ Cable Tools ____

Water strata depth: Fresh, ____ feet; salt, ____ feet.

Coal seam depths: ____ Is coal being mined in the area? ____

Work was commenced ____, 19____, and completed JUN 10 1911, 19____

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal	10"					350'			Sizes
Intermediate	8 1/4"					912'			
Production	6 5/8"						1150'		Depths set
Tubing	3"					(NOT AVAILABLE)			
Liners									Perforations:
									Top Bottom

OPEN FLOW DATA

Producing formation N/A Pay zone depth ____ feet

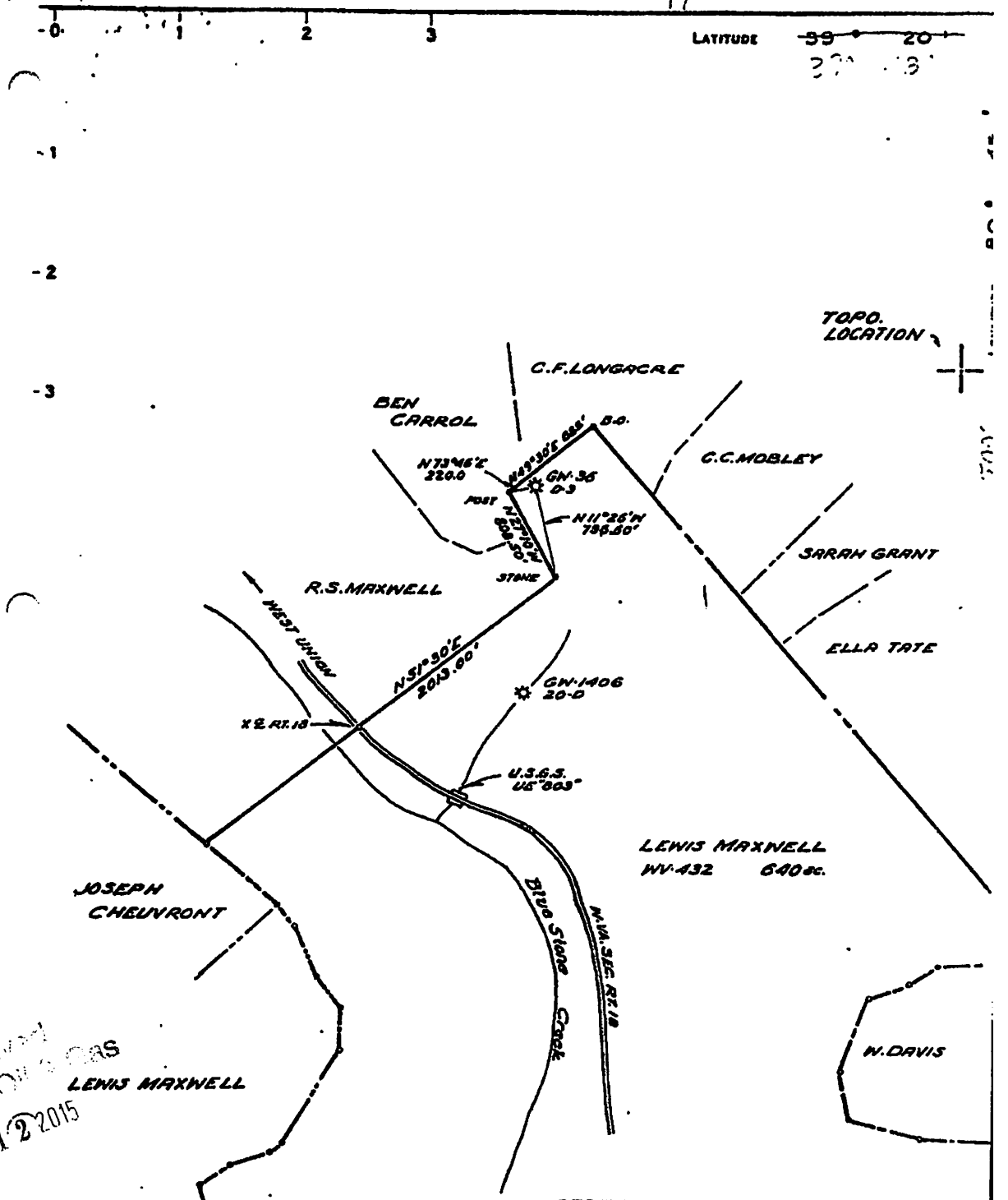
Gas: Initial open flow, ____ Mcf/d Oil: Initial open flow, ____ Bbl/d
Final open flow, ____ Mcf/d Final open flow, ____ Bbl/d
Time of open flow between initial and final tests, ____ hours
Static rock pressure, ____ psig (surface measurement) after ____ hours shut in
[If applicable due to multiple completion--]

Second producing formation ____ Pay zone depth ____ feet

Gas: Initial open flow, ____ Mcf/d Oil: Initial open flow, ____ Bbl/d
Final open flow, ____ Mcf/d Final open flow, ____ Bbl/d
Time of open flow between initial and final tests, ____ hours
Static rock pressure, ____ psig (surface measurement) after ____ hours shut in

Received
Office of Oil & Gas
JAN 12 2015

1702154P



Received
Office of Oil & Gas
JAN 12 2015

NEW LOCATION
☑ RECONDITION
DRILL DEEPER
ABANDONMENT

CERTIFICATE

"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."

Minimum degree of accuracy is one part in 200

Signed Donald J. Day LLS 747

COMPANY CITIES SERVICE OIL COMPANY
ADDRESS BOX 873 CHARLESTON, W.VA.
FARM LEWIS MAXWELL
TRACT ACRES 640 LEASE NO. WV-432
WELL (FARM) NO. D-3 SERIAL NO. GN-36
ELEVATION (SPIRIT LEVEL) 1085.00'
QUADRANGLE WEST UNION
COUNTY DODDRIDGE DISTRICT WEST UNION
POINT OF PROVEN ELEVATION U.S.G.S. "809"
FILE NO. DRAWING NO. W-2-73
DATE APRIL 9, 1973 SCALE 1"=1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. 2154

✛ 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

1702154P

FORM IV-35
(Reverse)

017-2154

08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

NO INFORMATION AVAILABLE

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
BIG LIME			1530	1598	
BIG INJUN			1598	1660	

(Attach separate sheets as necessary)

CITIES SERVICE CO.
Well Operator

By [signature]

Its Region Production Mgr

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

Received
Office of Oil & Gas
JAN 12 2015

1702154P

WW-4-A
Revised 6/07

1) Date: January 7, 2015
2) Operator's Well Number
121521 (Maxwell D-3)
3) API Well No.: 47 (State) 017 (County) - 02154 (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: Frank Butler & Key Oil Co.
Address: 22 Garton Plaza
Weston, WV 25456

(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: Lewis Maxwell Oil & Gas
c/o Quinn Financial Mgmt.
Address: P. O. Box 2253
Clarksburg, WV 26302-2253
Name: Karen M. Henderson
Address: 190 Sapphire Drive
Meadowbrook, WV 26404-6701

(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.

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Nicholas L. Burdette Gardner
Rt. 1, Box 4
Liberty, WV 25124
My Commission Expires 7/27/2018

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

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

Received
Office of Oil and Gas
FEB 18 2015
WV Department of
Environmental Protection

1702154P

FIRST CLASS MAIL
$09.75
ZIP 26330
041L10226892
neopost
01/09/2015
US POSTAGE

7014 2120 0003 6735 0052

erson
e Dr
ook WV 26404

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

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

Postmark Here

Total Postage

Sent To Karen Henderson
Street & Apt. or PO Box No 190 Sapphire Dr
City, State, Zip Meadowbrook WV 26404

121521 Plugging

PS Form 3800, July 2014 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

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

1. Article Addressed to:

Karen Henderson
190 Sapphire Dr
Meadowbrook WV 26404

121521 Plugging

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

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

Received
Office of Oil & Gas
JAN 12 2015

1702154P

01/09/2015 US POSTAGE $09.7

ZIP 263
041L1022E

7014 2120 0003 6735 0038

7014 2120 0003 6735 0038

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Postage $

Certified Fee

Return Receipt Fee (Endorsement Required)

Restricted Delivery Fee (Endorsement Required)

Postmark Here

Frank Butler & Key Oil Co
22 Garton Plaza
Weston, WV 25456

121521 Plugging

PS Form 3800, July 2014 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

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

1. Article Addressed to:

Frank Butler & Key Oil Co
22 Garton Plaza
Weston, WV 25456

121521 Plugging

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number

Vicki Roark
Box 280
eport, WV 26330

Received
Office of Oil & Gas

JAN 12 2015

1702154P

FIRST-CLASS MAIL
$09.75
ZIP 26330
041L1022881
neopost
01/09/2015
US POSTAGE

7014 2120 0003 6735 0045
7014 2120 0003 6735 0045

Oil & Gas
ancial Mgmt
26302

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

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

Postmark Here

Sent To Lewis Maxwell Oil & Gas
C/O Quinn Financial Mgmt
Street or PO PO Box 2253
City, St Clarksburg WV 26302

121521 Plugging

PS Form 3800, July 2014 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Lewis Maxwell Oil & Gas
C/O Quinn Financial Mgmt
PO Box 2253
Clarksburg WV 26302

121521 Plugging

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

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

Received
Office of Oil & Gas
JAN 12 2015

1702154P

EQT

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

neopost
01/09/2015
US POSTAGE
FIRST-CLASS MAIL
$03.29⁰

ZIP 26330
041L10228892

Douglas Newlon
4060 Dutchman Road
Macfarlan, WV 26148

604949 (John Coulehan #4949)

650771 (Jones & Blair #305)

604953(Fannie Harper #4953)
12151 MAXWELL D-3

Received
Office of Oil & Gas
JAN 12 2015

1702154P

WW-9
Revised 2/03

Page ____ of ____
2) Operator's Well Number
121521 (Maxwell D-3)
3) API Well No.: 47 017 - 02154

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: Blue Stone Ck. Of Middle Island Ck. Of Ohio R. Quadrangle: West Union
Elevation: 1084 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:
X Land Application
___ Underground Injection - UIC Permit Number ____ DCW 1-22-2015
___ 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
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

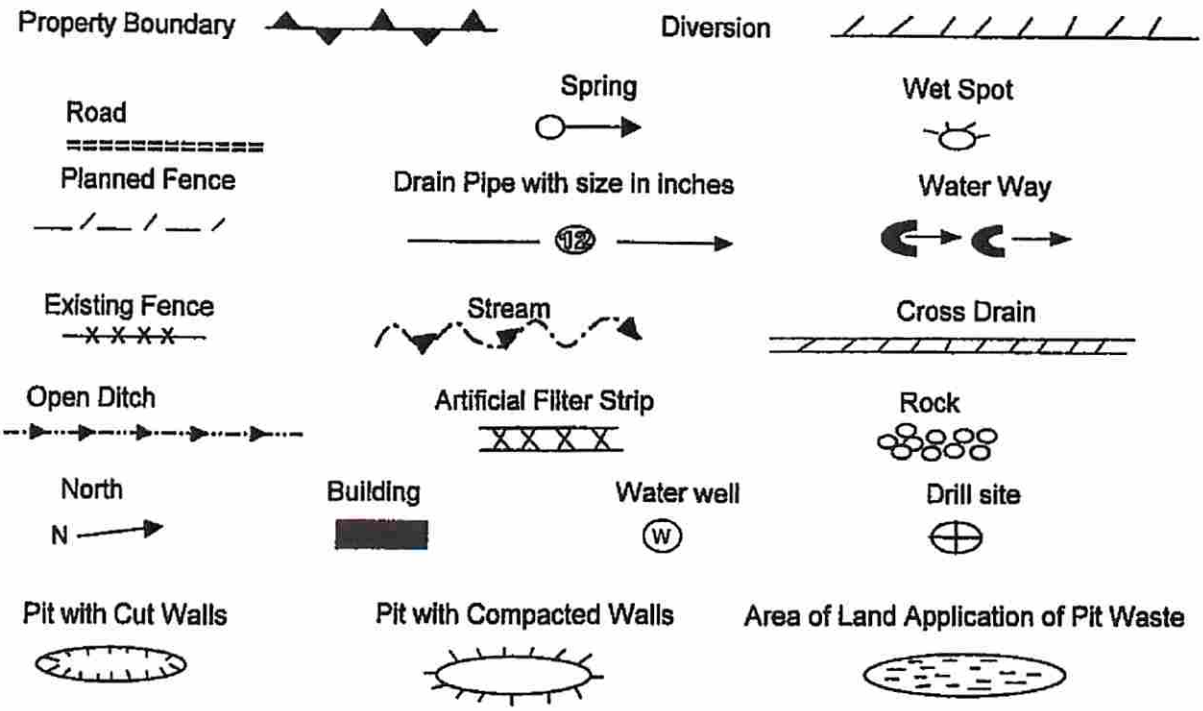
OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Nicholas L. Bumgardner
Rt. 1, Box 4
Liberty, WV 25124
My Commission Expires July 27, 2018

RECEIVED
Office of Oil and Gas
FEB 18 2015
WV Department of
Environmental Protection

1702154 P

OPERATOR'S WELL NO.:
121521 (Maxwell D-3)

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: Douglas Newlon

Comments: Install E+S as required

Title: Oil & Gas Inspector Date: 1-27-2015

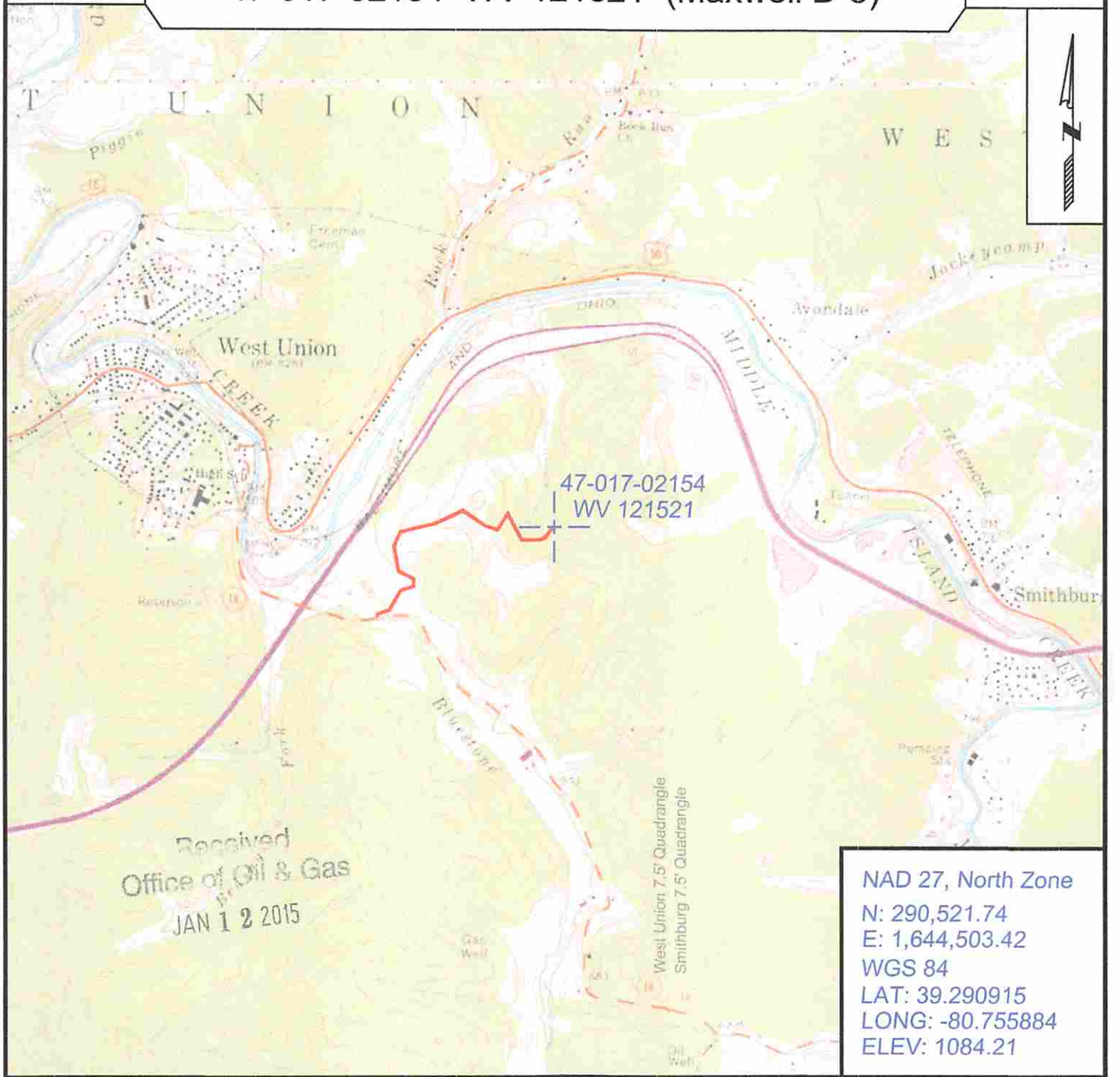
Field Reviewed? _____ Yes ___/___ No

1702154P

Topo Quad:	West Union 7.5'	Scale:	1 " = 2000'
County:	Doddridge	Date:	October 31, 2014
District:	West Union	Project No:	67-30-00-08

47-017-02154 WV 121521 (Maxwell D-3)

Topo



Received
Office of Oil & Gas
JAN 12 2015

NAD 27, North Zone
N: 290,521.74
E: 1,644,503.42
WGS 84
LAT: 39.290915
LONG: -80.755884
ELEV: 1084.21

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

1702154 P

WW-7
8-30-06

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

API: 47-017-02154 **WELL NO.:** WV 121521 (Maxwell D-3)

FARM NAME: L. Maxwell

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Doddridge **DISTRICT:** West Union 8

QUADRANGLE: West Union 7.5' 671

SURFACE OWNER: Chad W. Johnson

ROYALTY OWNER: Phyllis J. Davis, et al.

UTM GPS NORTHING: 4349089

UTM GPS EASTING: 521052 **GPS ELEVATION:** 330 m (1084 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
Office of Oil & Gas
JAN 1 8

Stacy O Brown — Signature
PS # 2180 — Title
12/11/14 — Date

1702154P

POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY.
LEASE NAME AND WELL No. Maxwell D-3 - WV 121521 - API No. 47-017-02154.

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 121521.

Received
Office of Oil & Gas
JAN 12 2015

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

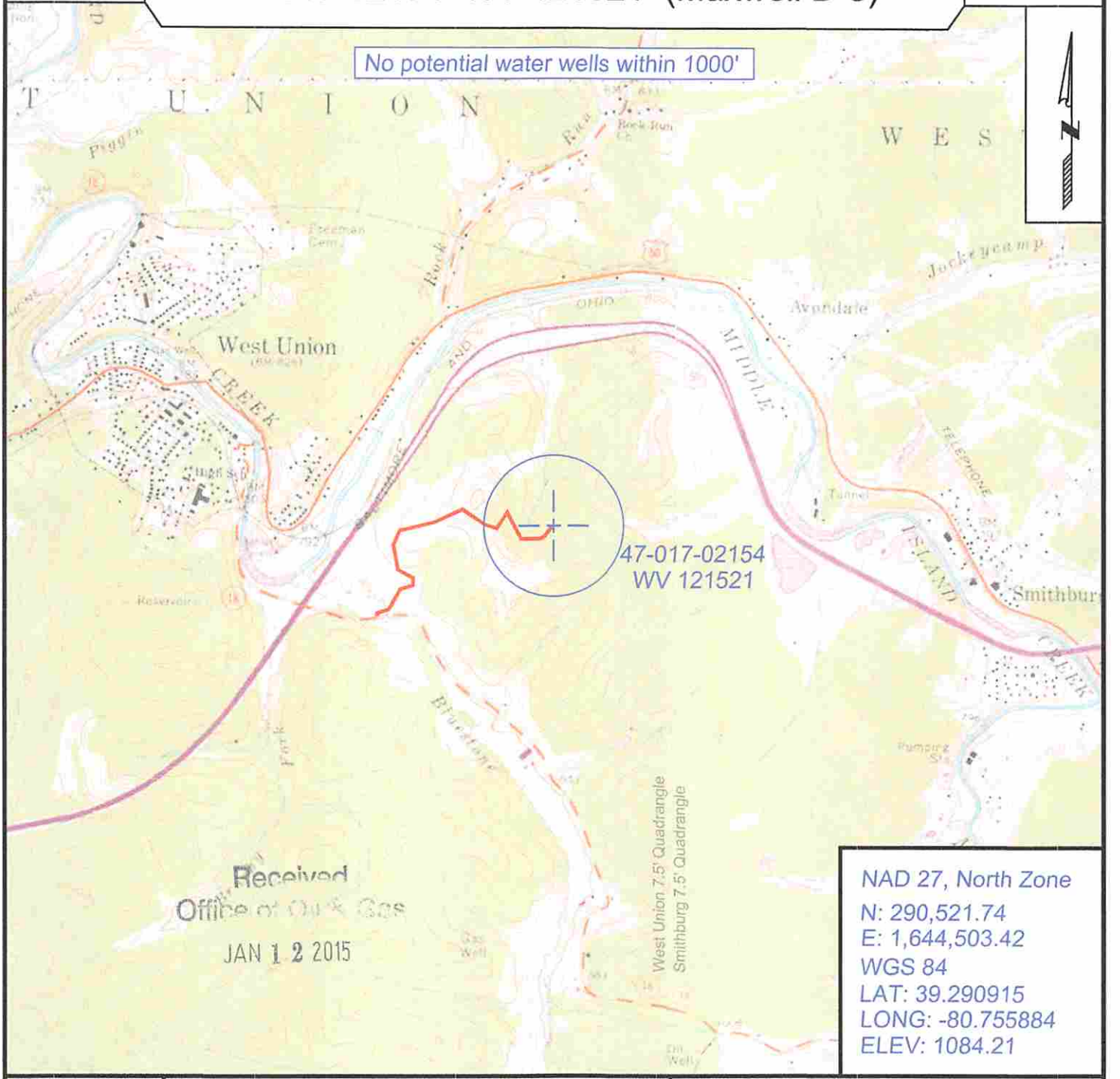
ALLEGHENYSURVEYS.COM

1702154P

Topo Quad:	West Union 7.5'	Scale:	1 " = 2000'
County:	Doddridge	Date:	October 31, 2014
District:	West Union	Project No:	67-30-00-08

Water

47-017-02154 WV 121521 (Maxwell D-3)



Received
Office of Oil & Gas
JAN 12 2015

NAD 27, North Zone
N: 290,521.74
E: 1,644,503.42
WGS 84
LAT: 39.290915
LONG: -80.755884
ELEV: 1084.21

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