



---

**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

March 26, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-1702155, 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: D 5

Farm Name: MAXWELL, D.

**API Well Number: 47-1702155**

**Permit Type: Plugging**

Date Issued: 03/26/2015

**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.

### 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.

Date: 2-12-15  
Operator's Well  
Well No. 130071 D.Maxwell D-5  
API Well No.: 47 017 - 02155

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

ck 19072  
\$ ~~700~~ 100<sup>09</sup>

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: 897 Watershed: Bluestone Creek of Middle Island Creek of Ohio River  
Location: West Union County: Doddridge Quadrangle: West Union 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 Douglas Newlon  
Name: 4060 Dutchman Road  
Address: 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 and Gas  
FEB 17 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.  
Date \_\_\_\_\_  
Work order approved by inspector \_\_\_\_\_

1702155 P

PLUGGING PROGNOSIS - Weston

**Maxwell D #5 (130071)**

Doddridge Co., West Virginia

API # 47-017-02155

District: West Union

BY: Craig Duckworth

DATE: 1/29/15

**CURRENT STATUS:**

10" csg @ 180' (Pulled)  
8 1/4" csg @ 790' (Pulled)  
6 5/8" csg @ 1500'  
2 3/8" tbg @ ~~2433'~~ 1764'

YOUR RECORD INDICATES THAT THIS WELL WAS RECONDITIONED FROM 12-14-55 TO 1-13-56 AND 2433 FT OF 2 3/8" WAS PULLED ALONG WITH PACKER. WELL WAS PLUGGED BACK TO 1764'.  
1761' OF TUBING WAS RUN IN WITH WITH PARMACO WALL & ANCHOR PACKER

~~FD @ 2439'~~ PBD 1764'

Fresh Water @ None reported

1" Salt Sand @ 1075'

Gas Shows @ 1685' & 1745' Big Injun

Oil Shows @ None reported

Stimulation @ None reported

Elevation: 976' & 977'

Salt Water @ None reported

Coal @ 240'

1. Notify State Inspector, Douglas Newlon 304-932-8049, 24 hrs. Prior to commencing operations.
2. TOOH w/tbg to check condition
3. ~~TIH~~ w/TBG @ 1760'
4. PUMP GEL TO 1700'
5. TOOH w/ tbg @ 1700'; Set 200' C1A Cement Plug @ 1700' - 1500' (Gas shows @ 1685' & 1745' Big Injun & BOTTOM OF 6 5/8" CSG.)
6. THIS LINE LEFT BLANK
7. TOOH w/ tbg, Free Point 6 5/8", cut 6 5/8" @ free point, TOOH w/ 6 5/8" csg
8. 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
9. TIH w/ tbg @ 1500'; Set 100' C1A Cement Plug @ 1500' - 1400' (6 5/8" csg)
10. TOOH w/ tbg @ 1400' gel hole @ 1400' to 1075''.
11. TOOH w/ tbg @ 1075'; Set 175' C1A Cement Plug @ 1075' to 900' (1" Salt Sand @ 1075' & Elevation @ 976')
12. TOOH w/ tbg @ 900' gel hole @ 900' to 790'.
13. TOOH w/ tbg @ 790'; Set 100' C1A Cement Plug @ 790' to 690' (8 1/4" csg).
14. TOOH w/ tbg @ 690' gel hole @ 690' to 300'.
15. TOOH w/ tbg @ 300'; Set 300' C1A Cement Plug @ 300' to 0' (Coal @ 240' & 10" @ 180' & Surface)
16. Top off as needed
17. Set Monument to WV-DEP Specifications
18. Reclaim Location & Road to WV-DEP Specifications

*RAM*  
2/25/15

*OCN*  
2-18-2015

D17-02155

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

Date: APRIL 2

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

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

Operator's Well No. GW 38 (D-5) API Well No. 17-017-24 State County: Per: 2155

WELL TYPE: Oil \_\_\_ / Gas  / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ (If "Gas", Production \_\_\_ / Underground storage \_\_\_ / Deep \_\_\_ / Shallow  LOCATION: Elevation: 976 Watershed: LT. FORK OF ARNOLDS CK. & BLUESTONE CK. District: WEST UNION County: DODDRIDGE Quadrangle: WEST UNION 7 1/2

WELL OPERATOR CITIES SERVICE CO. DESIGNATED AGENT MR. SAM J. MATTHEWS Address Box 873 Address Box 873 CHARLESTON, W.V. 25323 CHARLESTON, W.V. 25323

PERMITTED WORK: Drill \_\_\_ / Convert \_\_\_ / Drill deeper \_\_\_ / Re-drill \_\_\_ / 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\_\_\_ OIL & GAS INSPECTOR FOR THIS WORK: Name \_\_\_ Address \_\_\_ IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REMORKING. VERBAL PERMISSION OBTAINED

GEOLOGICAL TARGET FORMATION: GORDON SAND Depth 2340 feet Depth of completed well, 2439 feet Rotary \_\_\_ / Cable Tools  Water strata depth: Fresh, \_\_\_ feet; salt, \_\_\_ feet. Coal seam depths: UNKNOWN Is coal being mined in the area? \_\_\_ Work was commenced \_\_\_ 19\_\_\_, and completed JAN. 27 1909, 19\_\_\_

CASING AND TUBING PROGRAM

Table with columns: 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 (Kinds, Sizes, Depth set, Perforations: Top, Bottom)

OPEN FLOW DATA

Producing formation NA 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. 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 and Gas FEB 17 2015 WV Department of Environmental Protection

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

RECONDITIONED: 12-14-55 to 1-13-56

Pulled 2 7/8" TUBING (2433 FT) AND PACKER. PLUGGED BACK TO 1769', BRIDGED HOLE TO 1776', DUMPED 3 SACKS CEMENT TO 1764', TREATED AND RAN 1761' OF 2 7/8" 4# TUBING, 108' OF 3 1/2" O.D. TUBING ON BOTTOM WITH PARMACO COMB. WALL AND ANCHOR PACKER (2 7/8")

PRODUCING FORMATION: BIG INJUN

WELL LOG

| FORMATION           | Color | Hard or Soft | Top Feet | Bottom Feet | Remarks<br>Including indication of all fresh and salt water, coal, oil and gas |
|---------------------|-------|--------------|----------|-------------|--------------------------------------------------------------------------------|
| 10" CASING          |       |              | 180      |             |                                                                                |
| PITTSBURGH COAL     |       |              | 240      |             |                                                                                |
| LITTLE DUNKARD      |       |              | 605      | 625         |                                                                                |
| BIG DUNKARD         |       |              | 750      | 820         |                                                                                |
| 8 1/4" CASING       |       |              | 790      |             |                                                                                |
| GAS SAND            |       |              | 905      | 945         |                                                                                |
| FIRST SALT SAND     |       |              | 1075     | 1135        |                                                                                |
| SECOND SALTSAND     |       |              | 1305     | 1370        |                                                                                |
| 6 5/8" CASING       |       |              | 1500     |             |                                                                                |
| MAYON SAND          |       |              | 1515     | 1535        |                                                                                |
| LITTLE LIME         |       |              | 1535     | 1565        |                                                                                |
| BREAK               |       |              | 1565     | 1570        |                                                                                |
| BIG LIME            |       |              | 1570     | 1670        |                                                                                |
| BIG INJUN           |       |              | 1670     | 1685        |                                                                                |
| GAS                 |       |              | 1685     |             |                                                                                |
| MORE GAS            |       |              | 1745     |             |                                                                                |
| BOTTOM INJUN        |       |              | 1755     |             |                                                                                |
| GANTZ SAND          |       |              | 1920     | 1980        |                                                                                |
| FIFTY FOOT          |       |              | 2140     | 2145        |                                                                                |
| THIRTY FOOT         |       |              | 2220     | 2240        |                                                                                |
| STRAY SAND - BROKEN |       |              | 2320     | 2330        |                                                                                |
| GORDON SAND         |       |              | 2340     | 2345        |                                                                                |
| TOTAL DEPTH         |       |              | 2439'    |             |                                                                                |

(Attach separate sheets to complete 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 and Gas

FEB 17 2015

WV Department of  
Environmental Protection

WW-4-A  
Revised 6/07

- 1) Date: 2-12-15
- 2) Operator's Well Number  
130071 D.Maxwell D-5
- 3) API Well No.: 47 017 - 02155 P  
State County Permit

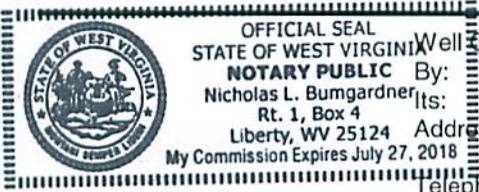
**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS**  
**NOTICE AND APPLICATION TO PLUG AND ABANDON WELL**

|                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Charles Wellings Jr.</u> ✓<br/>         Address <u>1232 WV Rt. 18 S</u> ✓<br/> <u>West Union, WV 26456</u></p> <p>(b) Name _____<br/>         Address _____</p> <p>(c) Name _____<br/>         Address _____</p> <p>6) Inspector <u>Douglas Newlon</u><br/>         Address <u>4060 Dutchman Road</u><br/> <u>Macfarlan, WV 26148</u><br/>         Telephone <u>304-932-8049</u></p> | <p>5) (a) Coal Operator:<br/>         Name <u>None</u><br/>         Address _____</p> <p>(b) Coal Owner(s) with Declaration<br/>         Name <u>Mary Maxine Welch</u> ✓<br/> <u>P.O. Box 4308</u><br/>         Address <u>Parkersburg, WV 26104</u></p> <p>Name <u>Karen M. Henderson</u><br/>         Address <u>190 Sapphire Dr.</u> ✓<br/> <u>Meadowbrook, WV 26404</u><br/> <u>See attached for additional</u></p> <p>(c) Coal Lessee with Declaration<br/>         Name <u>None</u><br/>         Address _____</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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 10 day of FEBRUARY, 2015  
 My Commission Expires: 7/27/2018 Notary Public

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  
 WV Department of  
 Environmental Protection

OFFICIAL SEAL  
STATE OF WEST VIRGINIA  
NOTARY PUBLIC  
Nicholas J. Boudardnet  
Rt. 1, Box 4  
Lipkov, WV 25134  
My Commission Expires July 27, 2018



WW2-A

**Additional Coal Owners**

Lewis Maxwell Oil and Gas, LLC ✓  
P.O. Box 2253  
Clarksburg, WV 26302

RECEIVED  
Office of Oil and Gas

FEB 17 2015

WV Department of  
Environmental Protection

1702155P

neopost  
02/12/2015  
FIRST-CLASS MAIL  
\$07.61<sup>0</sup>  
US POSTAGE  
ZIP 26330  
041L10228892

Wellings Jr.  
t. 18 S  
WV 26456  
D-5 Plugging

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)

**OFFICIAL USE**



7014 0510 0000 4438 8106  
7014 0510 0000 4438 8106

|                                                   |    |
|---------------------------------------------------|----|
| Postage                                           | \$ |
| Certified Fee                                     |    |
| Return Receipt Fee<br>(Endorsement Required)      |    |
| Restricted Delivery Fee<br>(Endorsement Required) |    |
| Total                                             |    |

Postmark  
Here

Charles Wellings Jr.  
1232 WV Rt. 18 S  
West Union, WV 26456  
130071 D. Maxwell D-5 Plugging

Sent To  
Street,  
or PO Box  
City, State, ZIP+4

PS Form 3800, August 2006

See Reverse for Instructions

RECEIVED  
Office of Oil and Gas

FEB 17 2015

WV Department of  
Environmental Protection

**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:

Charles Wellings Jr.  
1232 WV Rt. 18 S ✓  
West Union, WV 26456  
130071 D. Maxwell D-5 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



Rocky Roark  
Box 280  
West Union, WV 26330

17021559

FIRST-CLASS MAIL  
neopost<sup>SM</sup>  
02/12/2015  
US POSTAGE  
\$07.61<sup>9</sup>  
ZIP 26330  
041L10228892

CERTIFIED MAIL™



7014 0510 0000 4438 8090  
7014 0510 0000 4438 8090

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)  
**OFFICIAL USE**

|                                                   |    |
|---------------------------------------------------|----|
| Postage                                           | \$ |
| Certified Fee                                     |    |
| Return Receipt Fee<br>(Endorsement Required)      |    |
| Restricted Delivery Fee<br>(Endorsement Required) |    |

Postmark  
Here

Total F  
Sent To  
Street, A  
or PO B.  
City, Sta.

Mary Maxine Welch  
P.O. Box 4308  
Parkersburg, WV 26104  
130071 D. Maxwell D-5 Plugging

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED  
Office of Oil and Gas

FEB 17 2015

WV Department of  
Environmental Protection

**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:

Mary Maxine Welch  
P.O. Box 4308  
Parkersburg, WV 26104  
130071 D. Maxwell D-5 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

**QT**  
Vicki Roark  
Box 280  
Martinsburg, WV 26330

1702155P

FIRST-CLASS MAIL  
neopost®  
02/12/2015  
US POSTAGE  
\$07.61  
ZIP 26330  
041L10228892



7014 0510 0000 4438 8113  
7014 0510 0000 4438 8113

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)

**OFFICIAL USE**

|                                                   |    |                  |
|---------------------------------------------------|----|------------------|
| Postage                                           | \$ | Postmark<br>Here |
| Certified Fee                                     |    |                  |
| Return Receipt Fee<br>(Endorsement Required)      |    |                  |
| Restricted Delivery Fee<br>(Endorsement Required) |    |                  |
| Total P                                           |    |                  |

Sent To  
 Street, A  
 or PO Box  
 City, State

Karen M. Henderson  
 190 Sapphire Dr. ✓  
 Meadowbrook, WV 26404  
 130071 D. Maxwell D-5 Plugging

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED  
Office of Oil and Gas  
FEB 17 2015

WV Department of  
Environmental Protection

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

**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 M. Henderson  
 190 Sapphire Dr.  
 Meadowbrook, WV 26404  
 130071 D. Maxwell D-5 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)

neopost®  
02/12/2015  
US POSTAGE

FIRST-CLASS MAIL  
\$07.61<sup>9</sup>

ZIP 26330  
041L10228892

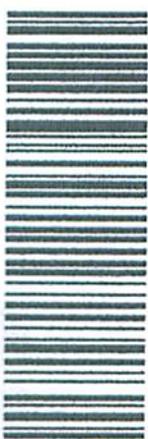
1702155P

Lewis Maxwell Oil and Gas, LLC  
P.O. Box 2253  
Clarksburg, WV 26302  
130071 D. Maxwell D-5 Plugging

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)®

**OFFICIAL USE**



7014 0510 0000 4438 8120  
7014 0510 0000 4438 8120

|                                                   |    |                  |
|---------------------------------------------------|----|------------------|
| Postage                                           | \$ | Postmark<br>Here |
| Certified Fee                                     |    |                  |
| Return Receipt Fee<br>(Endorsement Required)      |    |                  |
| Restricted Delivery Fee<br>(Endorsement Required) |    |                  |

Total Post: Lewis Maxwell Oil and Gas, LLC  
P.O. Box 2253  
Clarksburg, WV 26302  
130071 D. Maxwell D-5 Plugging

Sent To  
Street, Apt. 1 or PO Box N  
City, State, Z...

PS Form 3800, August 2006 See Reverse for Instructions

4. Restricted Delivery? (Extra Fee)  Yes  No

Service Type

Certified Mail®  Priority Mail Express™

Registered  Return Receipt for Merchandise

Insured Mail  Collect on Delivery

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

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

X Agent  Addressee

1. Article Addressed to:  
Lewis Maxwell Oil and Gas, LLC  
P.O. Box 2253  
Clarksburg, WV 26302  
130071 D. Maxwell D-5 Plugging

2. Article Number  
7014

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

RECEIVED  
Office of Oil and Gas  
FEB 17 2015  
WV Department of  
Environmental Protection

0 WV 26330

**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: Bluestone Creek of Middle Island Creek of Ohio River Quadrangle: West Union 7.5'

Elevation: 897 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 - 20 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? \_\_\_\_\_

**RECEIVED**  
Office of Oil and Gas

Will closed loop system be used? \_\_\_\_\_

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

FEB 17 2015

If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust

Landfill or offsite name/permit number? \_\_\_\_\_

WV Department of  
Environmental Protection

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.

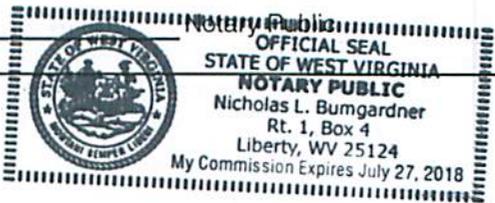
Company Official Signature *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 10 day of FEBRUARY, 2015

My Commission Expires 7/27/2018

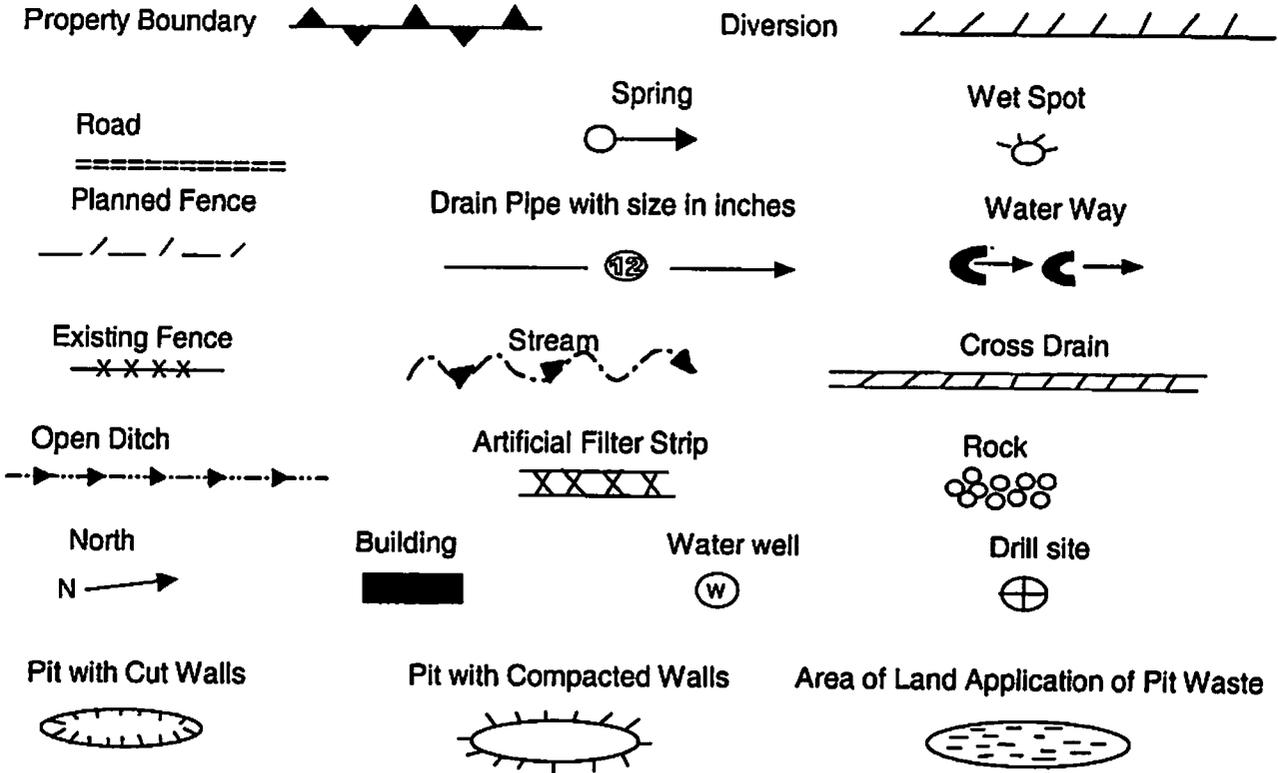


My Commission Expires on 03/30/18  
Liberty, WV 26154  
Rt. 1, Box 4  
Nicholas L. Bumgarner  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
OFFICIAL SEAL



OPERATOR'S WELL NO.:  
130071 D.Maxwell D-5

**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: Stanglas Newb

Comments: install EFS to WQ Dept regulations

Title: PI & Gas Inspector Date: 2-18-2015  
Field Reviewed? Yes No

Topo Quad: West Union 7.5'

Scale: 1" = 2000'

County: Doddridge

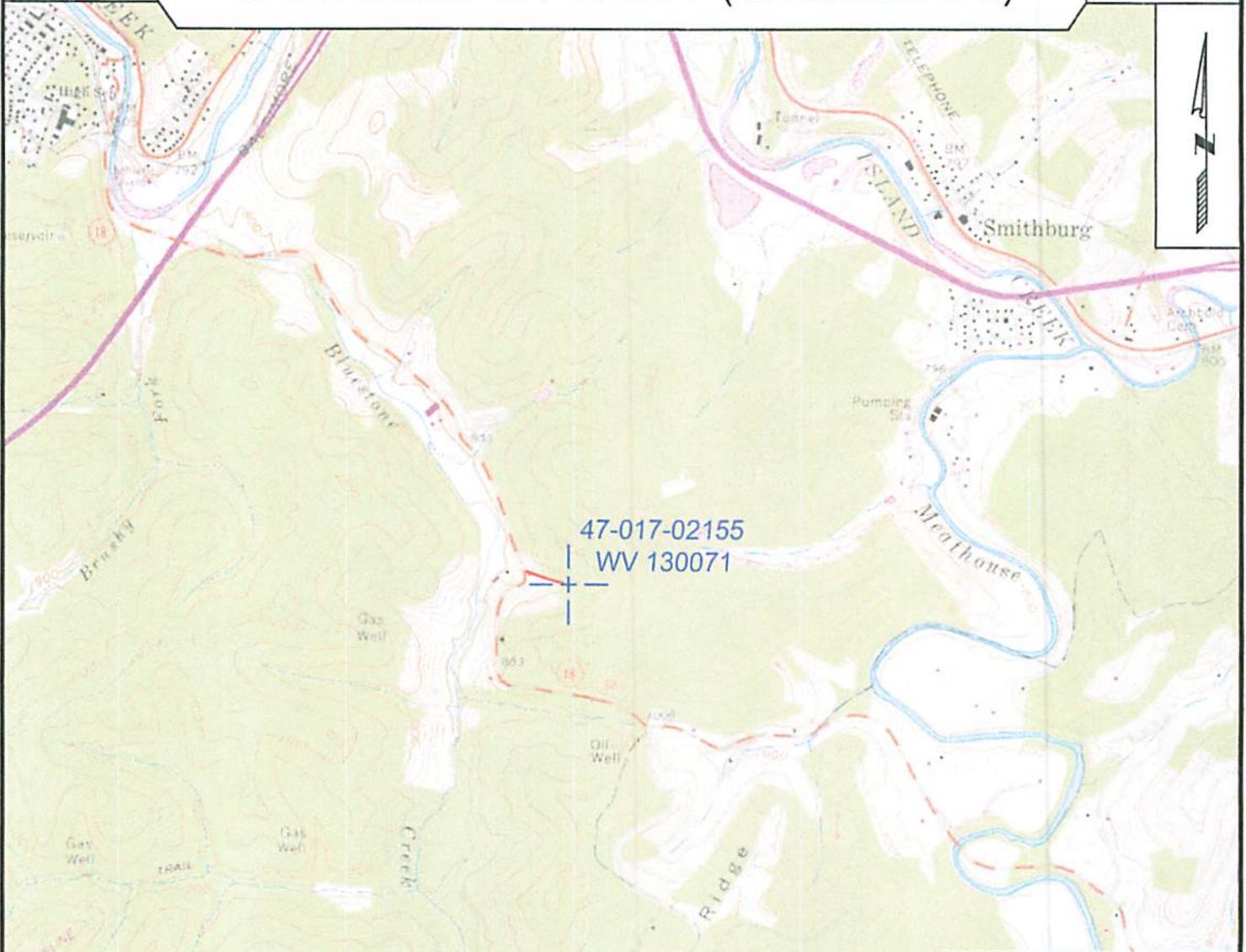
Date: January 27, 2015

District: West Union

Project No: 67-30-00-08

**47-017-02155 WV 130071 (D. Maxwell D-5)**

Topo



RECEIVED  
Office of Oil and Gas  
FEB 17 2015  
WV Department of  
Environmental Protection

West Union 7.5' Quadrangle  
Smithburg 7.5' Quadrangle  
WEST UNION

NAD 27, North Zone  
N: 285114.73  
E: 1645840.90  
WGS 84  
LAT: 39.276122  
LONG: -80.750892  
ELEV: 897.24



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

WW-7  
8-30-06



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

API: 47-017-02155 WELL NO.: WV 130071 (D. Maxwell D-5)  
FARM NAME: D. Maxwell  
RESPONSIBLE PARTY NAME: EQT Production Company  
COUNTY: Doddridge DISTRICT: West Union  
QUADRANGLE: West Union 7.5'  
SURFACE OWNER: Charles Wellings Jr. and Barbara L. Wellings  
ROYALTY OWNER: Mary Maxine Welch, et al.  
UTM GPS NORTHING: 4347448  
UTM GPS EASTING: 521487 GPS ELEVATION: 273 m (897 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  : Post Processed Differential   
Real-Time Differential
- 4. Letter size copy of the topography map showing the well location.

RECEIVED  
Office of Oil and Gas  
FEB 17 2015

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] Title PS # 2180 Date 1/28/15



## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
 LEASE NAME AND WELL No. D. Maxwell D-5 - WV 130071 - API No. 47-017-02155

### POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 746 +/- Owner: Charles Wellings

Address: 1232 WV Rt. 18 South, West Union, WV 26456 Phone No. 304.873.1999

Comments:

Site: 2 Spacing: 669 +/- Owner: Charles Wellings

Address: 1232 WV Rt. 18 South, West Union, WV 26456 Phone No. 304.873.1999

Comments:

RECEIVED  
Office of Oil and Gas

FEB 17 2015

WV Department of  
Environmental Protection

**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

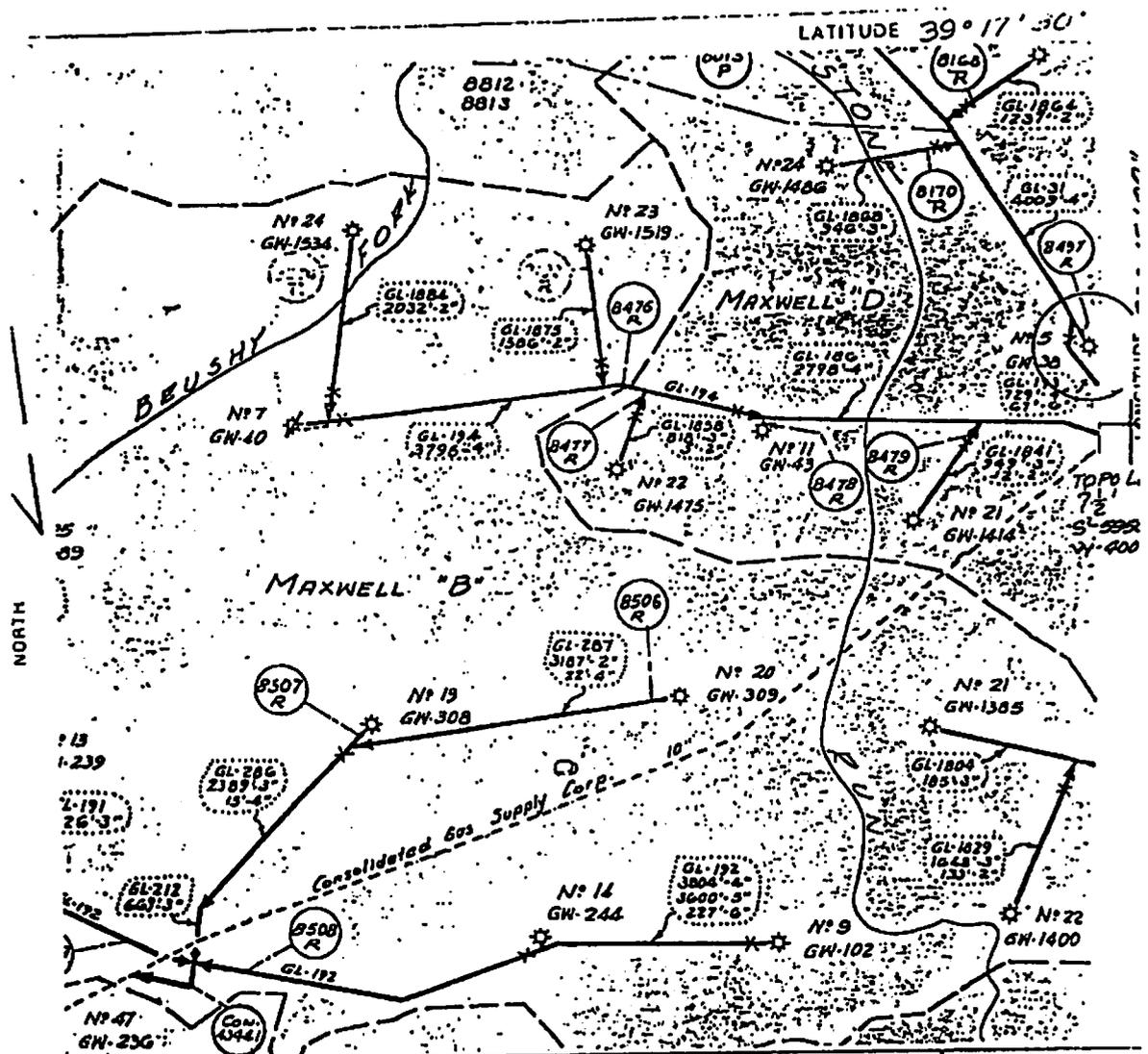
**ALUM CREEK OFFICE**

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





FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1320  
 MINIMUM DEGREE OF ACCURACY \_\_\_\_\_  
 PROVEN SOURCE OF ELEVATION \_\_\_\_\_

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DEPARTMENT OF MINES.  
 (SIGNED) Lonald J. Bray  
 R.P.E. \_\_\_\_\_ C.L.S. 247

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE MAR 26 19 80  
 OPERATOR'S WELL NO. GW 38 (D-5)  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2155  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 975 WATER SHED LT. EK. OF ARNOLDS CK. & BLUESTONE CK.  
 DISTRICT WEST UNION COUNTY DODDRIDGE  
 QUADRANGLE WEST UNION 7 1/2

SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER MAXWELL 'D' LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_

PROPOSED 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

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR CITIES SERVICE CO. DESIGNATED AGENT SAUL J. MATTHEWS  
 ADDRESS PO BOX 873 ADDRESS PO BOX 873  
CHARLESTON WV 25323 CHARLESTON WV 25323

RECEIVED  
 Office of Oil and Gas  
 FEB 17 2015  
 WV Department of Environmental Protection

West Union 9