



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Monday, February 13, 2017
WELL WORK PERMIT
Vertical / Plugging

EQT PRODUCTION COMPANY (A)
120 PROFESSIONAL PLACE
BUILDING II
BRIDGEPORT, WV 26330

Re: Permit approval for GALL 2252
47-091-00155-00-00

This well work permit 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 any additional specific 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: GALL 2252
Farm Name: SHILOH DEVELOPMENT CO.
U.S. WELL NUMBER: 47-091-00155-00-00
Vertical / Plugging
Date Issued: 02/13/2017

Promoting a healthy environment.

02/17/2017

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.

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

Date: December 30, 2016
Operator's Well
Well No. 602252 (R. B. Gall #2252)
API Well No.: 47 091 - 00155

CK 22164
10000

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 Liquid Injection Waste Disposal:
 If Gas, Production Or Underground storage Deep Shallow
- 5) Elevation: 1287 ft. Watershed: Plummer Run
 Location: Booths Creek County: Taylor Quadrangle: Rosemont 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 Kenneth Greynolds
 Name: 613 Broad Run Road
 Address: Jane Lew, WV 26378
- 9) Plugging Contractor:
 Name: HydroCarbon Well Service
 Address: PO BOX 995
Buckhannon, WV 26201

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

OFFICE USE ONLY

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

Work order approved by inspector [Signature] Date 1-19-17

PLUGGING PROGNOS

602252

R.B. Gall

API# 47-091-00155

District, Booths Creek

Taylor County, WV

BY: R Green

DATE: 11/7/16

CURRENT STATUS:**TD @ 2234'****Elevation @ 1288'**

6 5/8" casing @ 1380'

3" tubing @ 2234' (set on 3" X 6 5/8" packer @ 1775')

Fresh Water @ None Reported

Saltwater @ None Reported

Oil Show @ None Reported

Gas shows @ None Reported

Coal @ None Reported

1. Notify inspector, Kenneth Greynolds @ 304- 206-6613, 24 hrs. prior to commencing operations.
2. If any casings without cement in the annulus cannot be retrieved, make sure to consult with Inspector and to perforate all saltwater, freshwater, coal, oil and gas shows, and elevation in the well.
3. TIH check TD, and attempt to locate 3" X 6 5/8" packer.
4. Attempt to release 3" X 6 5/8" packer set at 1775', TOOH tbg and packer.
5. Spot 40 bbl. of 6% gelled water Set 300' C1A cement plug 2200' to 1900'. WOC 8hrs, Tag TOC add additional C1A cement if necessary. **(Continue to step #8)**
6. **NOTE*** If unable to release packer, TIH, perforate 3" tubing below packer @ 2200', Pump 40bbls 6% gelled water, followed by 300' C1A cement plug, 2200' to 1900'. WOC 8 hrs., Tag TOC, add additional C1A cement if necessary.
7. Cut 3" tubing @ 1775', set 200' C1A cement plug, 1775' to 1575'. Gel hole to next plug.
8. TOOH to 1500', set 300' C1A cement plug, 1500' to 1200' (6 5/8" casing seat & elevation).
9. Free point and cut 6 5/8" casing, TOOH casing. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
10. If unable to cut and pull 6 5/8" casing. TIH and perforate 6 5/8" casing with 3 holes each @ 1000', 900', 800'. Set 400' C1A cement plug 1100 to 700'. Gel hole to next plug.
11. TIH and perforate 6 5/8" casing with 3 holes each @ 300'.200'.100'.50'.Set 300' C1A cement plug 300' to surface.
12. Erect monument with API#, date plugged, company name and company 6-digit ID#.
13. Reclaim location and road to WV-DEP specifications.

0011011

LESSOR **Coal R.R.** ACRES **26.66** MAP **Coal SW 2 &** ELEVATION **1220** & DIV. F. DIST. **CLARESBURG**

PROPERTY **Booths Creek**

OPERATOR **Booths Creek**

CONTRACTOR **Overland Body Co.**

DATE **8-1-99**

COMPLETED **1-1-00**

DATE RECHARGED **10-1-00**

DATE REFINISHED **10-1-00**

DATE REFINISHED **10-1-00**

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POPULATIONS **10'**

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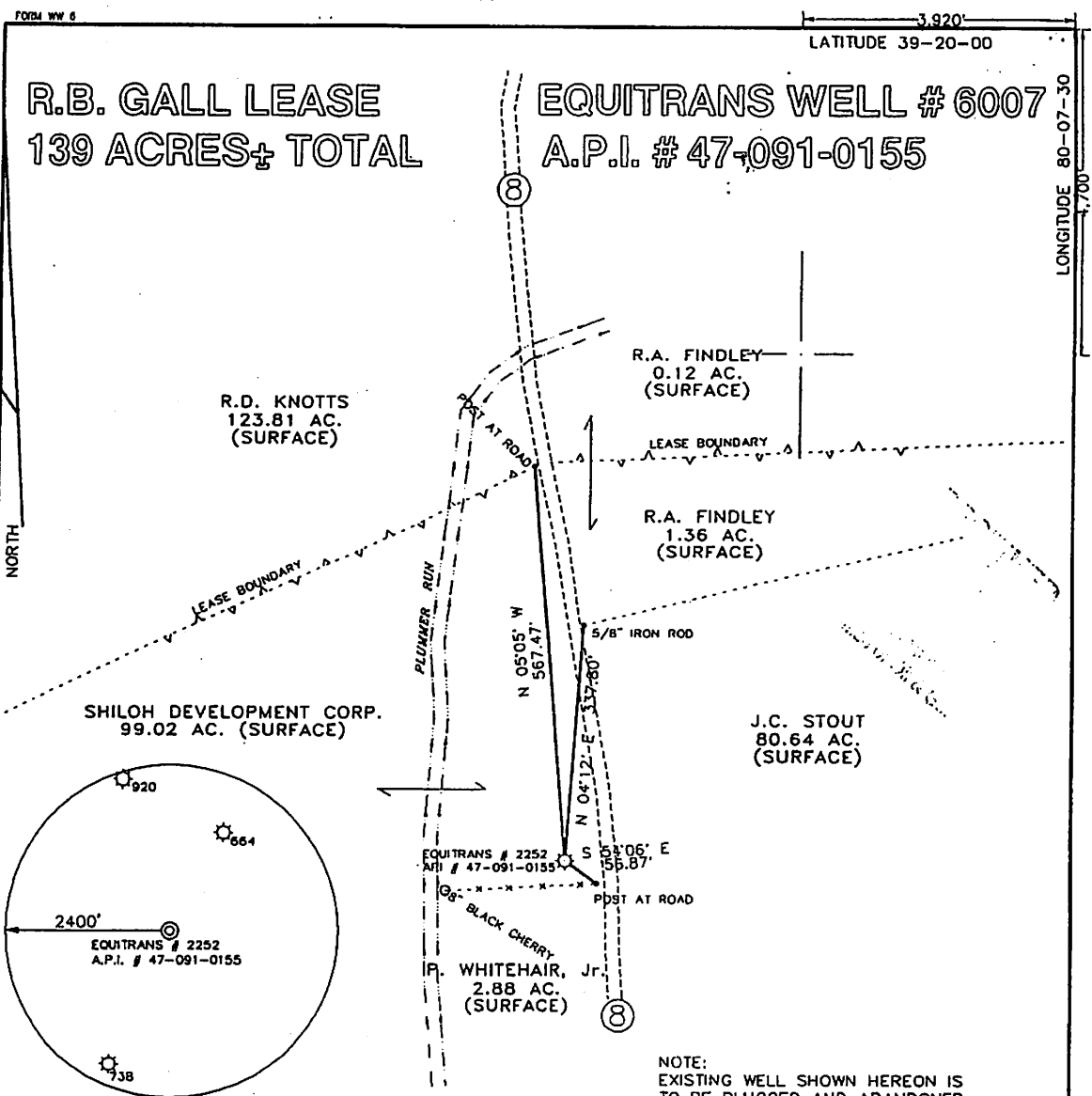
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APR 11 2017
RECEIVED
Office of Oil and Gas
WV Department of Environmental Protection
12880

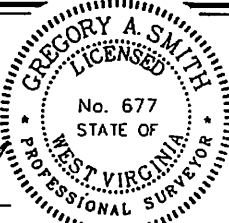
9100155P



NOTE:
EXISTING WELL SHOWN HEREON IS
TO BE PLUGGED AND ABANDONED



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 ENERGY.



P.S.
677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MAY 15, 19 97
OPERATORS WELL NO. EQUITRANS 2252
API WELL NO. 47-091-0155
STATE 47 COUNTY 091 PERMIT NO. 001552
CANCELLED PL.

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3706(65-2)
PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 1318' SCALE 1" = 200'

WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION :
ELEVATION 1288' WATERSHED PLUMMER RUN
DISTRICT BOOTH'S CREEK COUNTY TAYLOR QUADRANGLE RECEIVED 5'

SURFACE OWNER SHILOH DEVELOPMENT CORPORATION ACRES 99.02
ROYALTY OWNER R.B. GALL LEASE ACREAGE 139

PROPOSED WORK :
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUS OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) : _____ TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR EQUITRANS, L.P. DESIGNATED AGENT WILLIAM HOSTUTLER
ADDRESS P.O. BOX 1550 CLARKSBURG, WV 26302 ADDRESS P.O. BOX 1550 CLARKSBURG, WV 26302

Rosemont 6

LONGITUDE 80-07-30
COUNTY NAME TAYLOR
PERMIT NO. 0155-P

3.920
LATITUDE 39-20-00

91001557

WW-4-A
Revised 6/07

1) Date: December 30, 2016
2) Operator's Well Number
602252 (R. B. Gall #2252)
3) API Well No.: 47 091 - 00155
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 Shiloh Development ✓
Address 587 Willow Way
Flemington, WV 26347

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Kenneth Greynolds
Address 613 Broad Run Road
Jane Lew, WV 26378
Telephone (304) 206-6613

5) (a) Coal Operator:
Name None
Address _____

(b) Coal Owner(s) with Declaration
Name Ray Blake, Jr. ✓
1400 Johnson Ave.
Address Bridgeport, WV 26330

Name _____
Address _____

(c) Coal Lessee with Declaration
Name Arch Coal ✓
Address c/o Vaughn Miller
100 Tygart Drive
Grafton, WV 26354

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

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

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

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

Subscribed and sworn before me this 4th day of January, 2017
Misty S. Christie Notary Public
My Commission Expires: 2/20/18

RECEIVED
Office of Oil and Gas

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.

OFFICIAL Seal of Environmental Protection
MISTY S. CHRISTIE
4207 Briarsbill Rd
Bridgeport, Wv 26330
My Commission Expires February 20, 2018

02/17/2017

mitting Department
duction
280
rt, WV 26330

9100557

PS Form 3811, July 2015 PSN 7530-02-000-9053

1. Article Addressed to:
Shiloh Development
c/o Gary Stanley
587 Willow Way
Flemington, WV 26347

2. Article Number (Transfer from service label)
9590 9402 2404 6249 6675 58

3. Service Type
 Registered Mail™
 Registered Mail Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery
 Return Receipt for Merchandise
 Return Receipt for Delivery
 Registered Mail Express®
 Priority Mail Express®

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

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

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

Domestic Return Receipt

7016 2070 0001 0947 7645
7016 2070 0001 0947 7645



7016 2070 0001 0947 7645
7016 2070 0001 0947 7645

U.S. Postal Service™
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For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

Total \$ _____

Service \$ _____

Postmark Here

Shiloh Development
c/o Gary Stanley
587 Willow Way
Flemington, WV 26347

Plugging Permit #602252

PS Form 3800, April 2015 PSN 7530-02-000-9047

RECEIVED
Office of Oil and Gas
JAN 11 2017

US POSTAGE \$0.57

01/10/2017

WV Department of Environmental Protection

26330
0228892

9100155P

mailing Department
Junction
280
rt, WV 26330

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:

Ray Blake, Jr.
1400 Johnson Ave.
Bridgeport, WV 26330

Plugging Permit #602252



9590 9402 2404 6249 6675 34

2. Article Number (Transfer from service label)
7016 2070 0001 0947 7652

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

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery

all Restricted Delivery (over \$500)

Domestic Return Receipt

PS Form 3811, July 2015 PSN 7530-02-000-9053

PS Form 3811, July 2015 PSN 7530-02-000-9053

City, S
Street
Sent to
Total P
Postage
Extra Services & Fees (check box, add fee as appropriate)
Certified Mail Fee

Ray Blake, Jr.
1400 Johnson Ave.
Bridgeport, WV 26330
Plugging Permit #602252

Postmark Here

OFFICIAL USE
For delivery information, visit our website at www.usps.com™
Domestic Mail Only
CERTIFIED MAIL® RECEIPT
U.S. Postal Service™

7016 2070 0001 0947 7652
7016 2070 0001 0947 7652



neopost®
01/10/2017
US POSTAGE
\$0.57
ZIP 26330
041L 0228893
02/17/2017

neopost® 01/17/2017 US POSTAGE \$07.57
 RECEIVED Office of Oil and Gas
 JAN 11 2017
 WV Department of Environmental Protection
 ZIP 26330
 CALL 11022889



CERTIFIED MAIL

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

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

OFFICIAL USE

Certified Mail Fee \$
 Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postage \$
 Total Postage \$

Sent To
 Arch Coal
 c/o Vaughn Miller
 100 Tygart Drive
 Grafton, WV 26354

City, State
 Plugging Permit #602252

PS Form 3800, April 2015 PSN 7530-02-000-9053 See Reverse for Instructions

7016 2070 0001 0947 7669
 7016 2070 0001 0947 7669

MC

Plugging Permit #602252

PS Form 3811, July 2015 PSN 7530-02-000-9053

2. Article Number (Transfer from service label)
 7016 2070 0001 0947 7669
 9590 9402 2404 6249 6675 27

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery
 Return Receipt for Merchandise
 Return Receipt for Delivery
 Registered Mail Restricted Delivery
 Adult Signature Restricted Delivery

1. Article Addressed to:
 Arch Coal
 c/o Vaughn Miller
 100 Tygart Drive
 Grafton, WV 26354
 Plugging Permit #602252

so that we can return the card to you.
 Attach this card to the back of the mailpiece,
 on the front if space permits.

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

Domestic Return Receipt

Permitting Department
 Production
 x 280
 Grafton, WV 26330
 91001558

02/17/2017

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
FLUIDS / CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: EQT PRODUCTION COMPANY OP CODE: _____

Watershed (HUC 10): Plummer Run Quadrangle: Rosemont 7.5'
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ___ No X

Will a pit be used? Yes X No ___
If so, please describe anticipated pit waste: _____
Will a synthetic liner be used in the pit? Yes X No ___ Is so, what ml.? 10 ml

Proposed Disposal Method for Treated Pit Wastes:

Land Application (if selected provide a completed form WW-9-GPP)

Underground Injection (UIC Permit Number _____)
X Reuse (at API Number -- Various _____)
X Off Site Disposal Permit (Supply form WW-9 for disposal location. See attachment)

Other: (Explain _____)

Will closed loop system be used ? If so, describe: _____
Drilling medium anticipated for this well? (vertical and horizontal)? Air, freshwater, oil based, etc. _____
If oil based, what type? Synthetic, petroleum, etc. _____
Additives to be used in drilling medium? _____
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? _____

Permittee shall provide written notice to the Office of the Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 term 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

Company Official Signature _____
Company Official (Typed Name) Victoria J. Roark

Company Official Title Permitting Supervisor - WV

Subscribed and sworn before me this 4th day of January, 2017

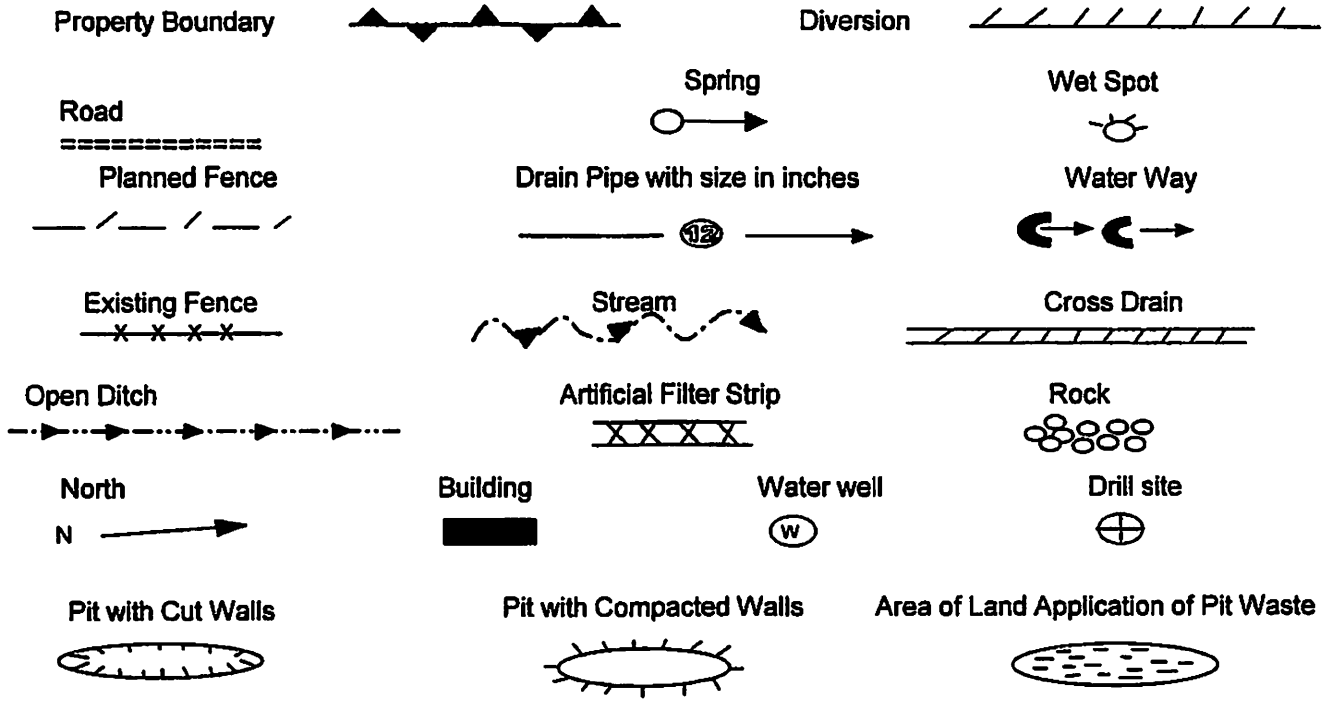
My Commission Expires 2/20/18

Misty S. Christie

RECEIVED
Office of Oil and Gas
JAN 11 2017
Notary Public
OFFICIAL SEAL
STATE OF WEST VIRGINIA
Misty S. Christie
Notary Public
4205 Raleigh Rd
Bridgport, WV 26330
My Commission Expires February 20, 2018
02/17/2017

OPERATOR'S WELL NO.:
602252 (R. B. Gall #2252)

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: [Signature]

Comments: RECLAIM SEED AND MULCH ASAP

Title: OIL & GAS INSPECTOR Date: 1-19-17
 Field Reviewed? Yes No

9100155P

EQT Production Water plan
Offsite disposals

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive
Bridgeport, WV 26330
304-326-6027
Permit #SWF-1032-98
Approval #100785WV

Waste Management - Northwestern Landfill

512 E. Dry Road
Parkersburg, WV 26104
304-428-0602
Permit #SWF-1025 WV-0109400
Approval #100833WV

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WV Department of
Environmental Protection

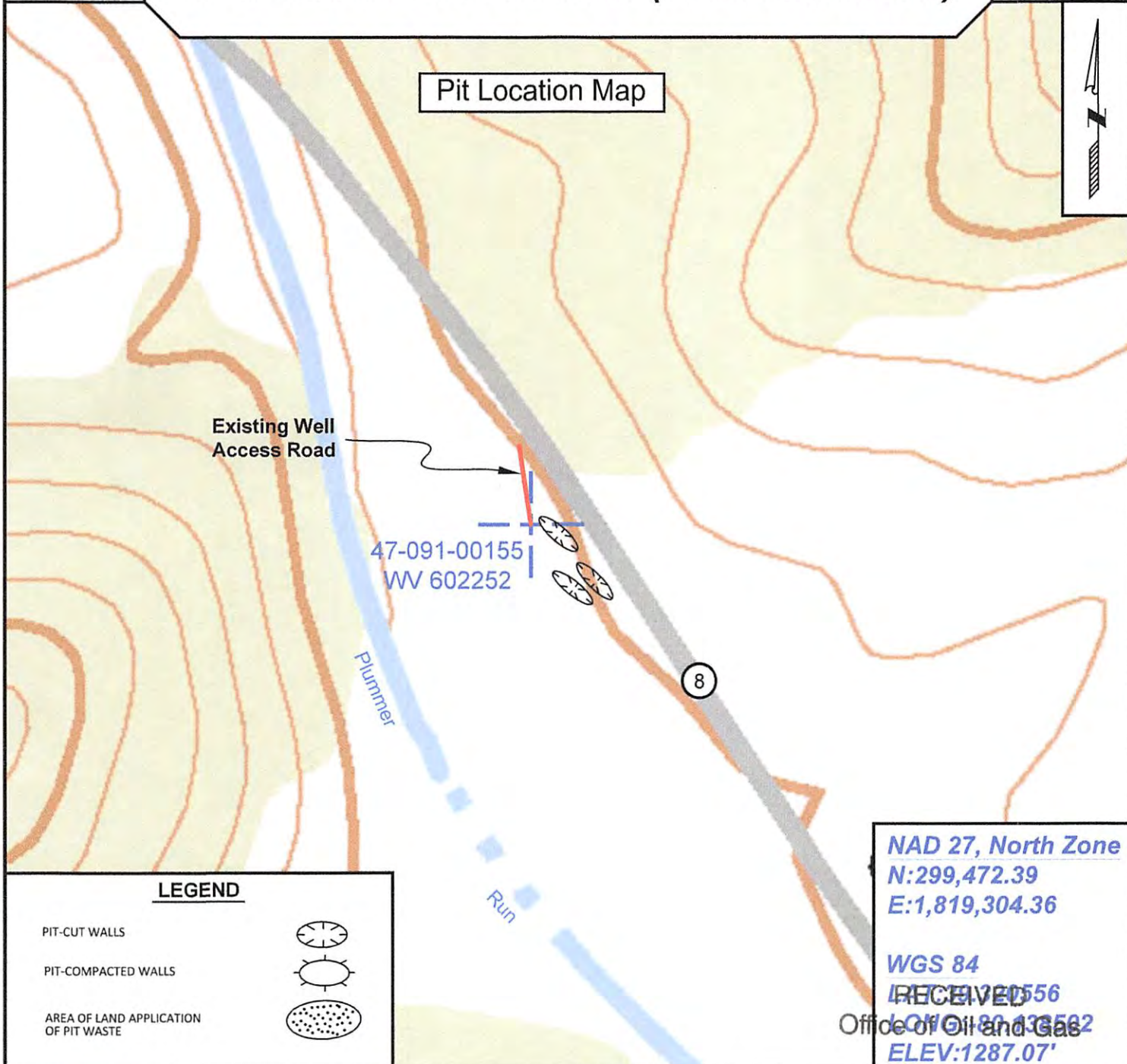
02/17/2017

Topo Quad: Rosemont 7.5' Scale: 1" = 200'
 County: Taylor Date: October 6, 2016
 District: Booths Creek Project No: 47-091-00155

47-091-00155 WV 602252 (R. B. Gall #2252)

Topo

Pit Location Map



LEGEND

PIT-CUT WALLS



PIT-COMPACTED WALLS



AREA OF LAND APPLICATION OF PIT WASTE



NAD 27, North Zone
 N:299,472.39
 E:1,819,304.36

WGS 84
 RECEIVED 10/15/16

Office of Oil and Gas
 ELEV:1287.07'



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

Department of Environmental Protection
 P.O. Box 280
 Bridgeport, WV 26330

JAN 11 2017

02/17/2017

9100155P

Topo Quad: Rosemont 7.5' Scale: 1" = 500'

County: Taylor Date: October 6, 2016

District: Booths Creek Project No: 47-091-00155

47-091-00155 WV 602252 (R. B. Gall #2252)

Topo

Pit Location Map



Existing Well Access Road

47-091-00155
WV 602252

Plummer Run




8

NAD 27, North Zone
N:299,472.39
E:1,819,304.36

WGS 84
LAT:39.320556
LONG: -80.38502

Office of Oil and Gas

LEGEND

- PIT-CUT WALLS 
- PIT-COMPACTED WALLS 
- AREA OF LAND APPLICATION OF PIT WASTE 



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PREPARED FOR:

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WV Department of
Environmental Protection

JAN 11 2017

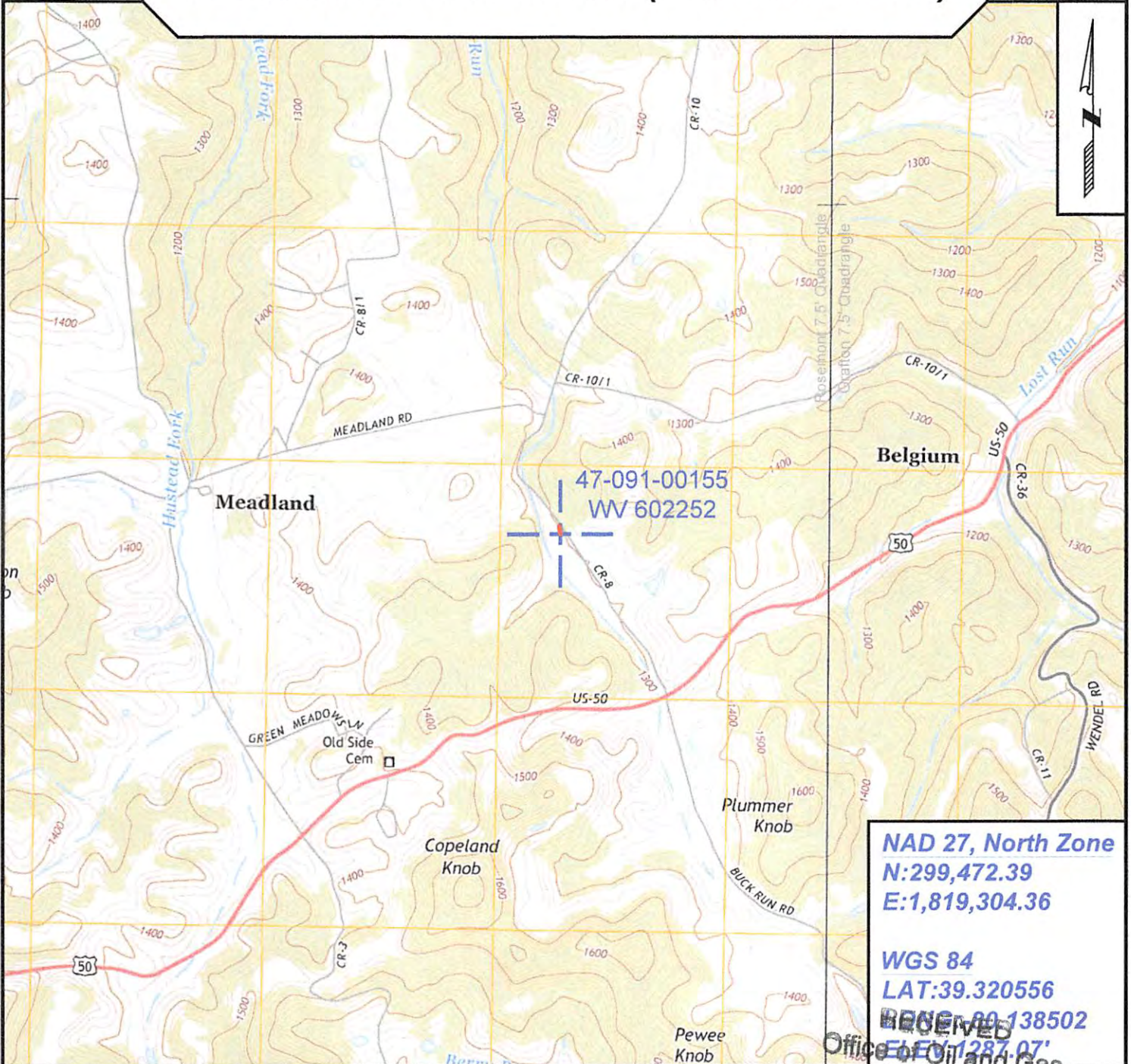
02/17/2017

9100155P

Topo Quad: Rosemont 7.5' Scale: 1" = 2000'
 County: Taylor Date: October 6, 2016
 District: Booths Creek Project No: 47-091-00155

47-091-00155 WV 602252 (R. B. Gall #2252)

Topo



NAD 27, North Zone
 N:299,472.39
 E:1,819,304.36

WGS 84
 LAT:39.320556
 LONG:-80.138502

Office of Oil and Gas



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

W.V. Dept. of Environmental Protection
 Bridgeport, WV 26330

JAN 11 2017

02/17/2017

WW-7
8-30-06



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

API: 47-091-00155 WELL NO.: WV 602252 (R. B. Gall #2252)

FARM NAME: R. B. Gall

RESPONSIBLE PARTY NAME: EQT

COUNTY: Taylor DISTRICT: Booths Creek

QUADRANGLE: Rosemont 7.5'

SURFACE OWNER: George and Sandra Whitehair

ROYALTY OWNER: Ray E. Blake, Jr. et al.

UTM GPS NORTHING: 4352704

UTM GPS EASTING: 574261 GPS ELEVATION: 392 m (1287 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 _____

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 and prescribed by the Office of Oil and Gas.

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Office of Oil and Gas

JAN 11 2017

Signature

PS # 2180
Title

10/13/16
West Virginia Department of
Environmental Protection



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. R. B. Gall #2252 WV 602252 47-091-00155

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 980 +/- Owner: John Stout Revocable Trust
Address: 1390 Braewick Dr., Morgantown, WV 26505 Phone No. _____
Comments: _____

Site: 2 Spacing: 970 +/- Owner: Shiloh Development Inc
Address: 110 Maple Lake Rd., Bridgeport, WV 26330 Phone No. _____
Comments: _____

Site: 3 Spacing: 140 +/- Owner: George & Sandra Whitehair
Address: 489 Willow Way Phone No. _____
Comments: Well used for garden

Site: 4 Spacing: 315 +/- Owner: Stanley Industrial, Inc. / Barbara Ferguson
Address: 587 Willow Way Phone No. _____
Comments: Public water

Site: 5 Spacing: 477 +/- Owner: Roger & Kay Findley
Address: 604 Willow Way Phone No. _____
Comments: Water well used for drinking

Site: 6 Spacing: 602 +/- Owner: Roger & Kay Findley
Address: 604 Willow Way Phone No. _____
Comments: Water well used for drinking

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

ALUM CREEK OFFICE
P.O. Box 108 • 1413 Childress Rd
Alum Creek, WV 25003
phone: 304-756-2949
fax: 304-756-2948

MARTINSBURG OFFICE
1415 Addison Drive
Martinsburg, WV 25404
phone: 304-901-2162
fax: 304-901-2182

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Environmental Protection
01/11/2017

Site: 7 Spacing: 762 +/- Owner: Trustees Under the Revocable Trust Agreement
 Address: PO Box 630, Grafton, WV 26354 Phone No. _____
 Comments: _____

Site: 8 Spacing: 140 +/- Owner: George & Sandra Whitehair
 Address: 489 Willow Way Phone No. _____
 Comments: Well used for garden

RECEIVED
 Office of Oil and Gas
 JAN 11 2017

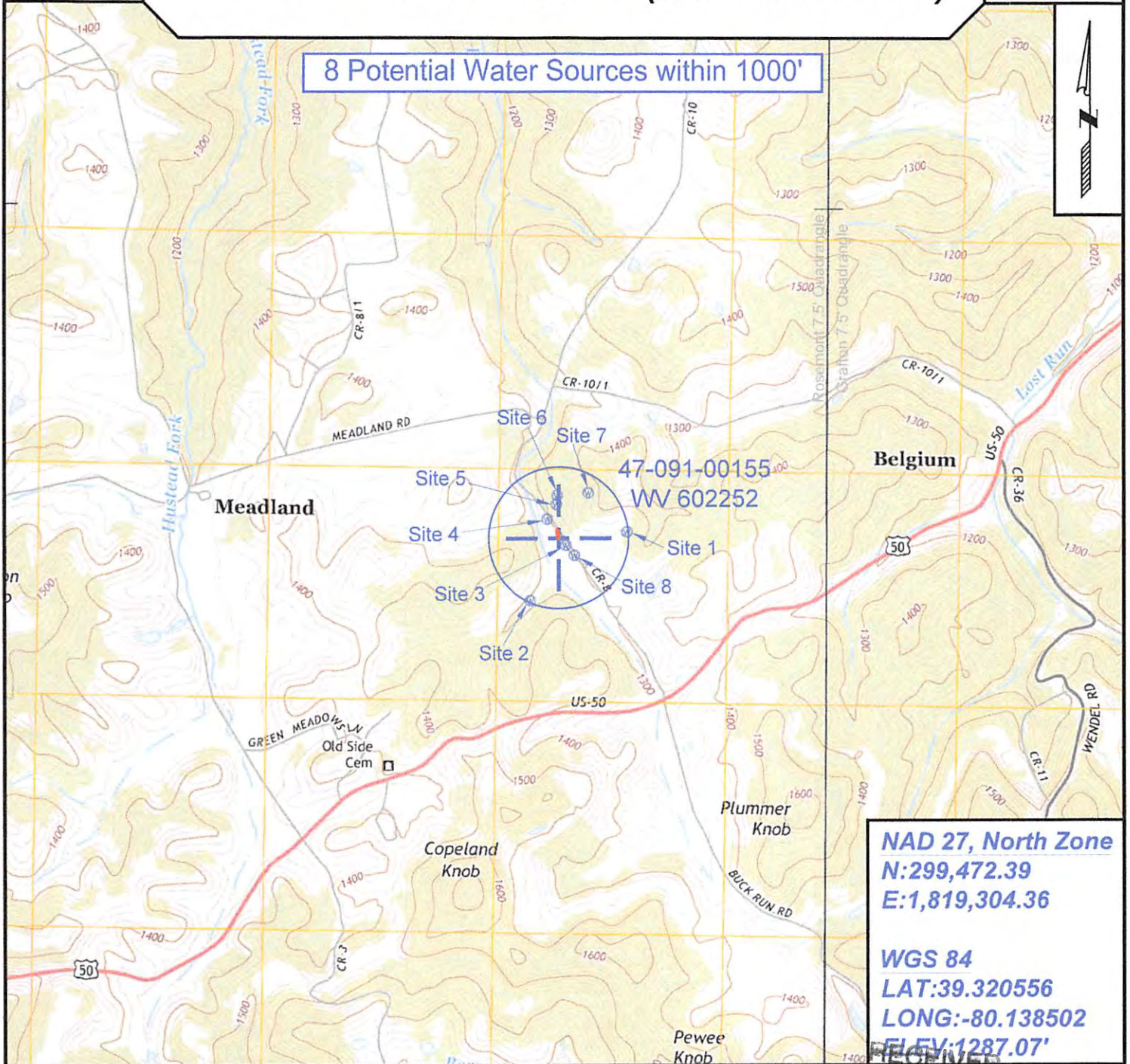
9100155P

Topo Quad: Rosemont 7.5'	Scale: 1" = 2000'
County: Taylor	Date: October 6, 2016
District: Booths Creek	Project No: 47-091-00155

Water

47-091-00155 WV 602252 (R. B. Gall #2252)

8 Potential Water Sources within 1000'



NAD 27, North Zone
N:299,472.39
E:1,819,304.36

WGS 84
LAT:39.320556
LONG:-80.138502
ELEV:1287.07'



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PREPARED FOR:

Office of Oil and Gas
EQT Production Company

P.O. Box 280
 Bridgeport, WV 26330
 WV Department of Environmental Protection
 02/17/2017