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**west virginia** department of environmental protection

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

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

June 17, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-8504002, 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: 4933

Farm Name: McGILL

**API Well Number: 47-8504002**

**Permit Type: Plugging**

Date Issued: 06/17/2015

**Promoting a healthy environment.**

**06/19/2015**

## PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

CK #  
19271  
102.00

Date: April 15, 2015  
Operator's Well \_\_\_\_\_  
Well No. 604933 (A. McGill #4933)  
API Well No.: 47 085 - 04002

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: Alum Fork  
Location: Union County: Ritchie Quadrangle: Burnt House  
District: \_\_\_\_\_

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

8) Oil & Gas David Cowan 9) Plugging Contractor:  
Name: 1597 Devil Hole Road Name: HydroCarbon Well Service  
Address: Harrisville, WV 26362 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 David A. Cowan Date 4-27-15



## PLUGGING PROGNOSIS –Weston

**McGill, A.H. #4933 (604933)**

Ritchie Co., WV  
 API # 47-085-04002  
 Quad: Union

BY: Craig Duckworth  
 DATE: 2/10/15

**CURRENT STATUS:**

10" csg @ 416' (216' left in well)  
 8 1/4" csg @ 997'  
 6 5/8" csg @ 1907' (packer @ 1907')

**TD @ 2063'**

Fresh Water @ None reported      Salt Water @ None reported  
 1<sup>st</sup> Salt Sand @ 1450'      Coal @ None reported  
 Gas Shows @ Big Injun @ 1988'-1996'; Big Lime @ 1895'; Sand @ 1820'; 2<sup>nd</sup> Salt Sand @ 1700'  
 Oil Shows @ None reported  
 Stimulation: None reported  
 Elevation: 1079'

1. Notify State Inspector, **David Cowan 304-389-3509**, 24 hrs. Prior to commencing operations.
2. TIH w/ tbg @ 2063'; Set **413'** C1A Cement Plug @ 2063' to **1650'** ( Big Injun @ 1988'-1996' & Big Lime @ 1895', Sand @ 1820 & 6 5/8" csg @ 1907') **GAS SHOW @ 1700'**
3. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below casing cuts. Do not omit any plugs 2063'
4. TOOH w/tbg Freepoint 6 5/8" Cut 6 5/8" @ freepoint TOOH with 6 5/8"
5. TIH w/ tbg @ **1600'**; gel hole @ **1600'** to 1450'
6. TOOH w/ tbg @ 1450'; Set 100' C1A Cement Plug @ 1450' to 1350' ( 1<sup>st</sup> Salt Sand @ 1450')
7. TOOH w/ tbg @ 1350'; gel hole @ 1350' to 1079'
8. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below casing cuts. Do not omit any plugs
9. TOOH w/ tbg @ 1079'; Set ~~100'~~ **132'** C1A Cement Plug @ 1079' to 947 ( 8 1/4" csg @ 997' & elev. @ 1079')
10. TOOH w/ tbg @ 947'; gel hole @ 947' to 600'.
11. TOOH w/ tbg @ 600'; Set 100' C1A Cement Plug @ 600' to 500 (Safety Plug)
12. TOOH w/ tbg @ 500'; gel hole @ 500' to 300'.
13. TOOH w/ tbg @ 300'; Set 300' C1A Cement Plug @ 300' to 0 ( Surface & 10" csg @ 216')
14. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below casing cuts. Do not omit any plugs
15. Top off as needed
16. Set Monument to WV-DEP Specifications
17. Reclaim Location & Road to WV-DEP Specifications

Received  
 Office of Oil & Gas

APR 16 2015

06/19/2015



8504002 P

604933



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 085-0400a

Oil or Gas Well "GAS"

Company Pittsburgh & West Va Gas Company  
 Address Clarksburg, West Va.  
 Farm A. H. McGill Acres \_\_\_\_\_  
 Location (waters) Holbrook S/W. 2-1-3  
 Well No. 4933 Elev. 1079' Va  
 District Union Ritchie County Ritchie  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced September 8, 1916  
 Drilling completed September 23rd, 1916  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Va \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ Mbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
10			Kind of Packer
12			Bottom Hole
10	416'	216'	Size of <u>8-1/4" X</u>
8 1/4	997'	997'	<u>6-5/8"</u>
6 1/4	1907'	1907'	Depth set <u>1907'</u>
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lay	Red	Soft	0	40			
and Rock	White&Yellow	Soft	40	120			
and	White	Hard	120	130			
lms Shells	Red Rock		130	300			
sd Rock		Soft	300	417			
andy Lime	White	Hard	417	450			
roken Lims	"	Soft	450	600			
sd Rock	Red.	"	600	675			
lms&Slate			675	850			
lms Shells	White	Hard	850	930			
sd Rock		Soft	930	950			
Late	White	"	950	995			
lms	"		995	1035			
" Gritty			1035	1100			
and	White		1100	1112			
late&Shells	Black		1112	1170			
an	White	Hard	1170	1215			
late&Shells	Black		1215	1360			
and	White	Soft	1360	1375			
late	"	"	1375	1380			
lms	Dark	Hard	1380	1390			
late&Shells	"	"	1390	1450			
and (lst, Salt)	"	Hard	1450	1480			
late&Shells	"		1480	1465			
lms	"	Soft	1465	1670			
sd. Salt Sand	White	Hard	1670	1773	Sh. Gas	1700'	
Late	"	Soft	1773	1795			
and	"	"	1795	1850	Little Gas	1820'	
late&Shells	"		1850	1891			
lg Lims	"	Hard	1891	1965	Gas	1895'	10/10 Water
lg Injun	"	"	1965	2010	Gas	1988-1996'	1" Orng.
La'	Black	Soft	2010	2063			10/10 Mercury
sta. depth			2063	2063			5" Orng.

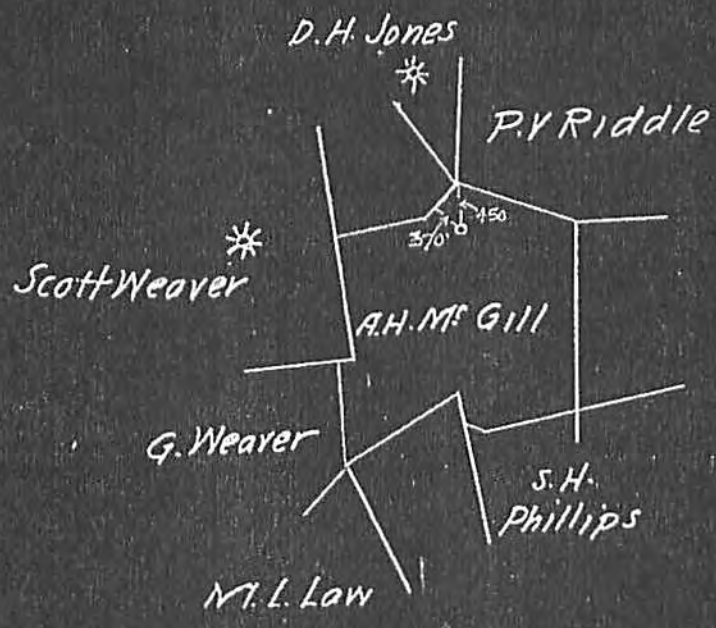
(Over)

*Dal* 06/19/2015



### PROPOSED LOCATION

Lease No. 16793 Lessor A. H. Mc Gill Acres 131  
 Dist. or Twp. Union County Ritchie State W Va.  
 Quadrangle Holbrook Quarter SW<sup>2-1</sup> Date July-26-1926  
 Location No. 1 Pittsburgh + W Va Gas Company. Well No. 4933  
 Lease Expires \_\_\_\_\_ F  
 Reservation \_\_\_\_\_





WW-4-A  
Revised 6/07

1) Date: April 15, 2015  
2) Operator's Well Number  
604933 (A. McGill #4933)  
3) API Well No.: 47 085 - 04002  
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 Sharon McGill Baker  
Address 1566 Damask Lane  
Sebastian, FL 32958  
(b) Name Billie Lee McGill  
Address 751 Cooper Street  
Harrisville, WV 26362  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector David Cowan  
Address 1597 Devil Hole Road  
Harrisville, WV 26362  
Telephone (304) 389-3509

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Sharon McGill Baker  
1566 Damask Lane  
Address Sebastian, FL 32958  
Name Billie Lee McGill  
Address 751 Cooper Street  
Harrisville, WV 26362  
(c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_

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

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

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

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

Subscribed and sworn before me this 15th day of April, 2015  
Misty S. Christie Notary Public  
My Commission Expires: 2/29/18

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](mailto:depprivacyofficer@wv.gov)



APR 16 2015  
06/19/2015

- Print your name and address on the back 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:

Sharon McGill Baker  
1566 Damask Lane  
Sebastian, FL 32958

#604933 (A. McGill #4933) Plugging Permit

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

(Transfer from service label)

7014 0150 0001 0654 8891

PS Form 3811, July 2013

Domestic Return Receipt

8504002 P  
26330

PS Form 3811, July 2013  
See Reverse for Instructions

#604933 (A. McGill #4933) Plugging Permit

Sent to Sharon McGill Baker  
1566 Damask Lane  
Sebastian, FL 32958  
City, State, ZIP or PO Box N

Postage	\$	7014 0150 0001 0654 8891
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage		

Postmark Here

**OFFICIAL USE**

For delivery information visit our website at [www.usps.com](http://www.usps.com)

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(Domestic Mail Only; No Insurance Coverage Provided)



Received  
Office of Oil & Gas  
APR 16 2015



04/15/2015  
US POSTAGE  
\$07.40

06/19/2015

7014 0150 0001 0654 8891  
26330  
0419228892



Received  
Office of Oil & Gas  
APR 16 2015

USPS  
04/15/2015  
\$07.40  
ZIP 26330  
041L10228892

**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	\$	NR Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage		

Sent To: **Billie Lee McGill**  
**751 Cooper Street**  
**Harrisville, WV 26362**

PS Form 3849 #604933 (A. McGill #4933) Plugging Permit

7014 0150 0001 0654 8907  
7014 0150 0001 0654 8907

8504002 P  
WV 26330

**1. Article Addressed to:**  
 Billie Lee McGill  
 751 Cooper Street  
 Harrisville, WV 26362  
 #604933 (A. McGill #4933) Plugging Permit

**2. Article Number**  
 7014 0150 0001 0654 8907  
 (Transfer from service label)

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

**4. Restricted Delivery? (Extra Fee)**  
 Yes  
 No

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

**B. Received by (Printed Name)**  
 Addressee  
 Other

**C. Date of Delivery**

PS Form 3849, July 2013  
 Domestic Return Receipt

06/19/2015

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS  
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM  
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE**

Operator Name: EQT PRODUCTION COMPANY OP ID: \_\_\_\_\_

Watershed: Alum Fork Quadrangle: Burnt House

Elevation: 1084 ft. County: Ritchie District: 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.? 40 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? \_\_\_\_\_

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

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

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

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

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

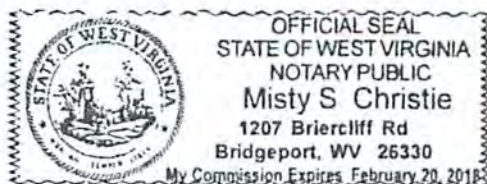
Company Official Signature *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 15th day of April, 2015

*Misty S. Christie* Notary Public  
My Commission Expires 2/20/15



Received  
Office of Oil & Gas

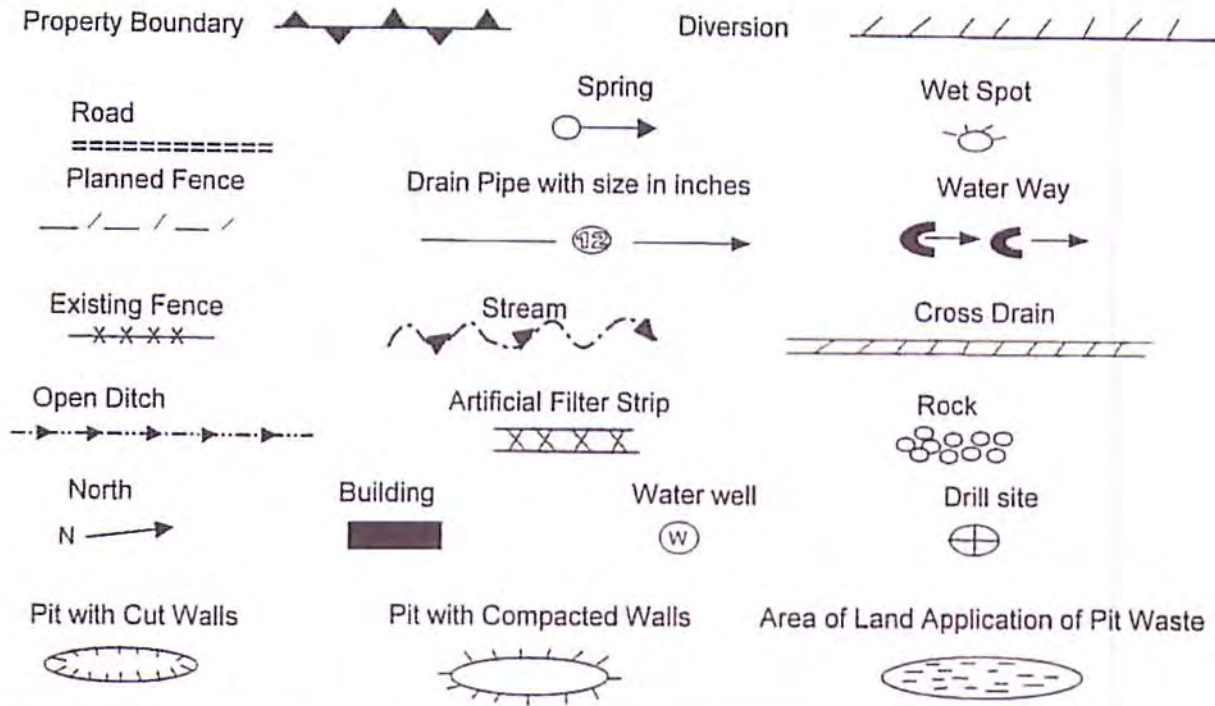
APR 16 2015

06/19/2015



OPERATOR'S WELL NO.:  
604933 (A. McGill #4933)

**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH 6.0

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: David W. Lawson

Comments: add any EIS needed in plugging process - Reclaim seeds & mulch area

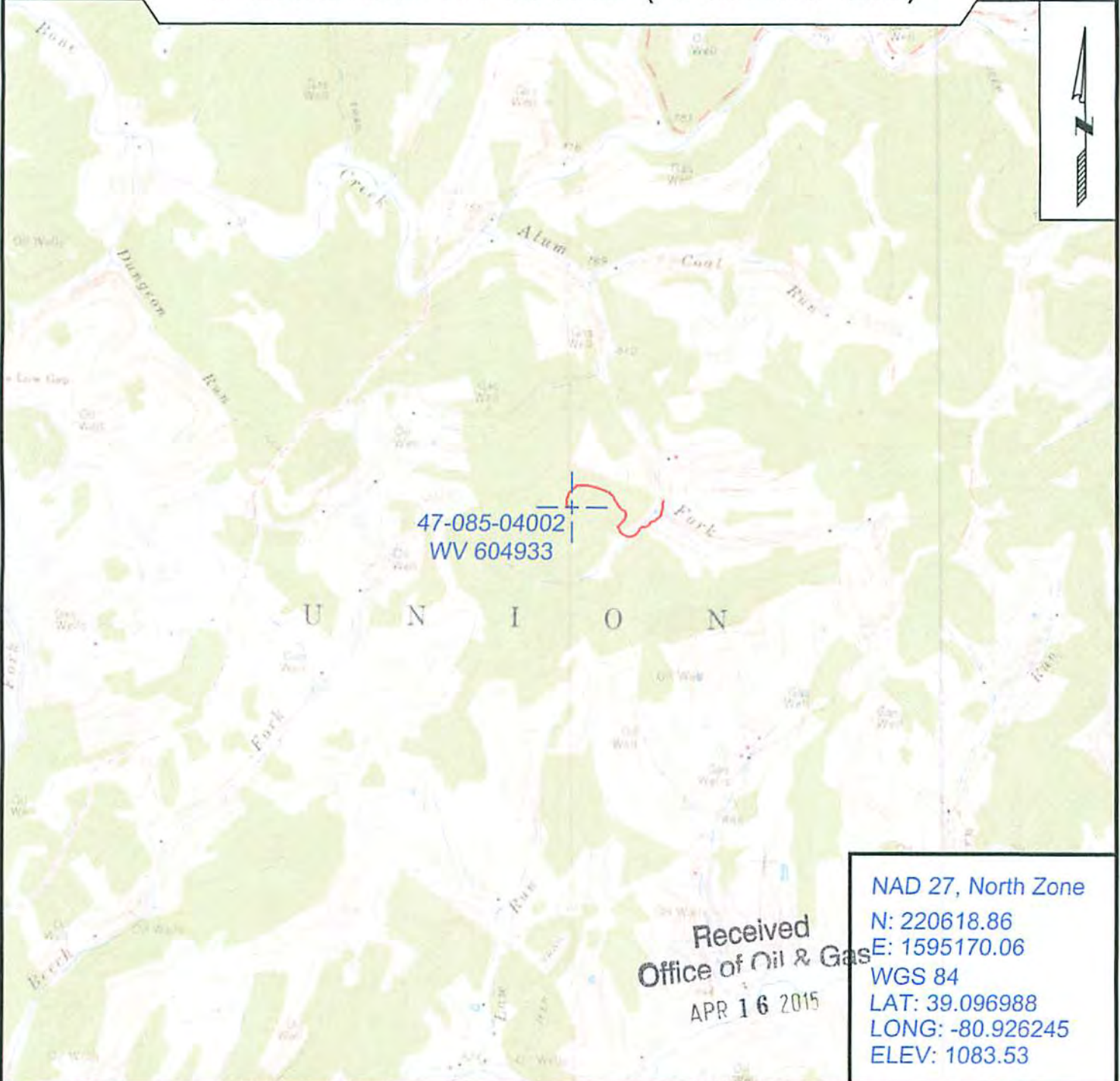
Title: oil/gas inspector Date: 4-27-15

Field Reviewed?  Yes  No

Topo Quad: Burnt House 7.5' Scale: 1" = 2000'  
 County: Ritchie Date: April 7, 2015  
 District: Union Project No: 68-38-00-08

47-085-04002 WV 604933 (A. McGill #4933)

Topo



47-085-04002  
 WV 604933

U N I O N

Received  
 Office of Oil & Gas  
 APR 16 2015

NAD 27, North Zone  
 N: 220618.86  
 E: 1595170.06  
 WGS 84  
 LAT: 39.096988  
 LONG: -80.926245  
 ELEV: 1083.53



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

06/19/2015



WW-7  
8-30-06



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

API: 47-085-04002 WELL NO.: WV 604933 (A. McGill #4933)

FARM NAME: McGill

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Ritchie DISTRICT: Union

QUADRANGLE: Burnt House 7.5'

SURFACE OWNER: Sharon McGill Baker & Billie Lee McGill

ROYALTY OWNER: Sharon McGill Baker & Billie Lee McGill

UTM GPS NORTHING: 4327542

UTM GPS EASTING: 506378 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  
APR 16 2015

Sharon McGill  
Signature

PS # 2160  
Title

4/8/15  
Date



## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
LEASE NAME AND WELL No. A. McGill #4933 - WV 604933 - API No. 47-085-04002

### POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 604933.

Received  
Office of Oil & Gas

APR 16 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**  
PO 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



Topo Quad: Burnt House 7.5' Scale: 1" = 2000'

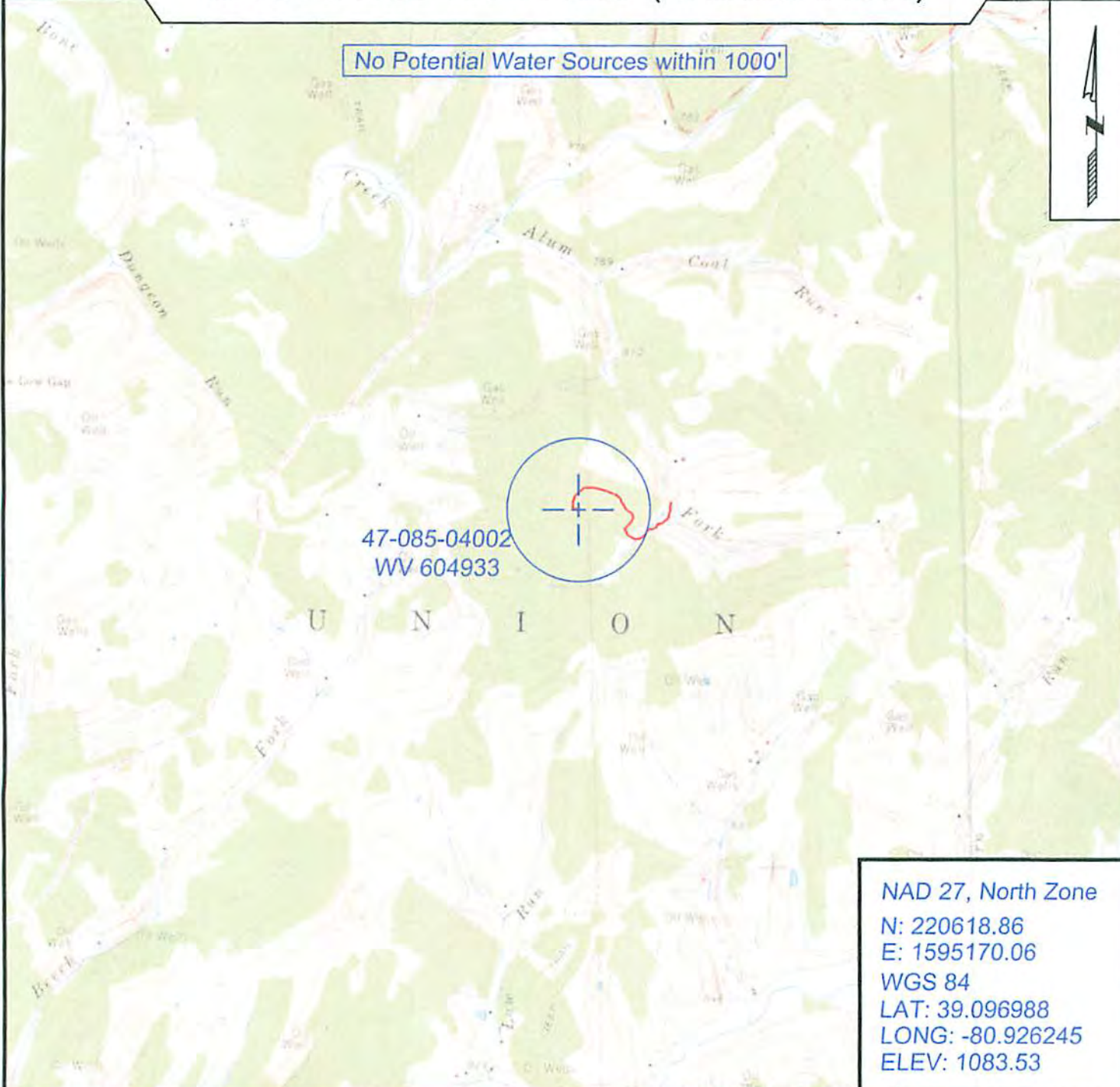
County: Ritchie Date: April 7, 2015

District: Union Project No: 68-38-00-08

Water

47-085-04002 WV 604933 (A. McGill #4933)

No Potential Water Sources within 1000'



47-085-04002  
WV 604933

U N I O N

NAD 27, North Zone  
 N: 220618.86  
 E: 1595170.06  
 WGS 84  
 LAT: 39.096988  
 LONG: -80.926245  
 ELEV: 1083.53



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**

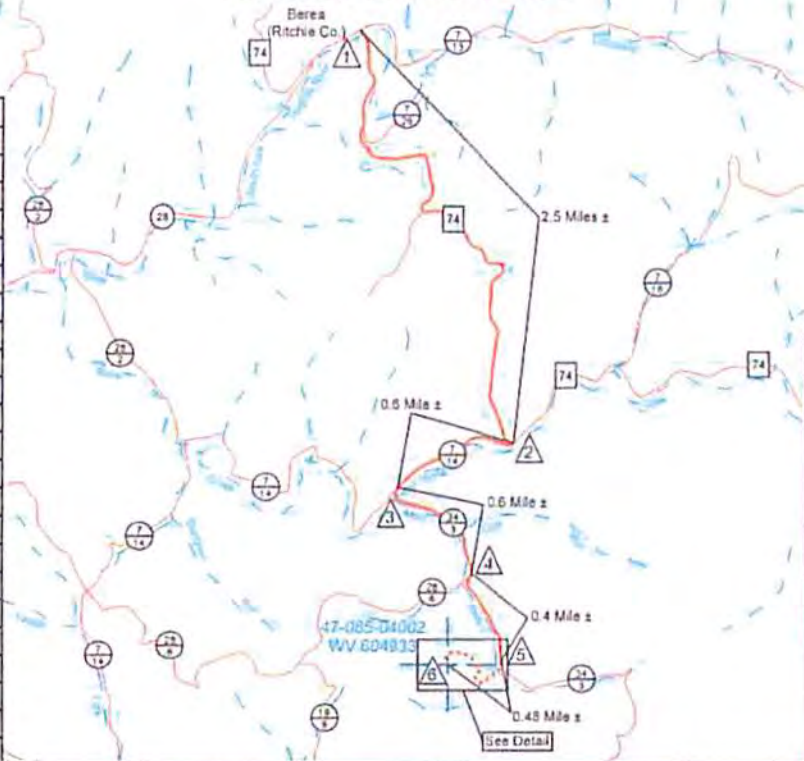
1-800-482-8606  
 237 Birch River Road  
 Birch River, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

PREPARED FOR: **Received**  
**Office of Oil & Gas**  
**EQT Production Company**  
 APR 16 2015  
 P.O. Box 280  
 Bridgeport, WV 26330

06/19/2015

**MISS UTILITY OF WEST VIRGINIA (WV811)  
( EXHIBIT B )  
DIRECTIONS TO EXISTING GAS WELL NO. WV 604933  
API No. 47-085-04002**

SITE	LATITUDE	LONGITUDE
▲	39.137751	-80.934404
▲	39.111293	-80.920900
▲	39.108318	-80.930985
▲	39.102937	-80.924339
▲	39.097328	-80.921675
▲	39.096988	-80.928245
▲	39.097038	-80.921725
▲	39.096770	-80.921810
▲	39.096580	-80.922025
▲	39.096498	-80.922284
▲	39.096354	-80.922401
▲	39.096269	-80.922769
▲	39.095913	-80.923195
▲	39.095905	-80.923601
▲	39.096233	-80.923914
▲	39.096598	-80.923590
▲	39.096918	-80.923677
▲	39.097481	-80.924219
▲	39.097546	-80.924333
▲	39.097845	-80.925450
▲	39.097828	-80.926028
▲	39.097468	-80.926455
▲	39.097073	-80.926534



**NOTES**

1. ALL ACCESS ROADS SHOWN HEREON ARE EXISTING AND WERE FLAGGED IN PINK AND WHITE MARKING RIBBON.
2. THIS MAP IS PREPARED ONLY FOR THE PARTIES REFERENCED HEREON FOR THE PURPOSE OF NOTIFICATION TO MISS UTILITY OF WEST VIRGINIA (WV 811).
3. DRAWING IS NOT TO SCALE.



**SURVEYING AND MAPPING SERVICES PERFORMED BY:**  
**ALLEGHENY SURVEYS, INC.**  
1-800-482-8606  
237 Birch River Road  
Birch River, WV 26810  
Ph: (304) 649-8408  
FAX: (304) 649-8608

County:	Ritchie
District:	Union
Date:	April 07, 2015
Project No:	68-38-00-08
FILE No:	68-08 WV 604933 MU B

**PREPARED FOR:**  
**EQT PRODUCTION COMPANY**  
P.O. Box 280  
Bridgeport, WV 26330



I  
Now

Operator: EQT PRODUCTION COMPANY  
API: 8504002  
WELL No: 4933  
Reviewed by: gwm Date: 6/17/15  
5 Day End of Comment: 04/21/15

\* Well is on an Agreed Order \*

### CHECKLIST FOR FILING A PERMIT

#### Plugging

CK# 19271  
\$100<sup>00</sup>

- WW-4B
- Inspector signature on WW-4B
- Completion / Well Records of Previous Work
- WW-4A (Notarized)
- Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- Surface Owner Waiver
- Coal Owner / Lessee / Operator Waiver
- WW-9 (Page 1) (Notarized)
- Inspector Signature on WW-9 (Optional)
- Topographic Map of location of well
- WW-7

#### OR

- Mylar Plat (Surface owner on plat matches WW-4A)
- Bond
- Company is Registered with the SOS
- Worker's Compensation / Unemployment Insurance account is OK
- \$100.00 check (\$0.00 if no pit)