



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

June 17, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8503918, 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: 613

Farm Name: GARDNER, F. G.

API Well Number: 47-8503918

Permit Type: Plugging

Date Issued: 06/17/2015

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: March 30, 2015
Operator's Well
Well No. 651791 (F.C. Garner #613)
API Well No.: 47 085 - 03918

*ck# 19119
\$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: 981 ft. Watershed: North Fork Hughes River
Location: Clay County: Ritchie Quadrangle: Pennsboro
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 David Cowan
Name: 1597 Devil Hole Road
Address: Harrisville, WV 26362

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

*See Smith for
Dave Cowan (phone)*

Date

6/16/15

85-3918P

PLUGGING PROGNOSIS

Garner, F.C. #1-613 (651791)
Ritchie, Co. WV
Clay, Union
API # 47-035-03918
BY: R.Green
DATE: 02/10/15

CURRENT STATUS:

10" @ 63'
8 1/4" @ 1085' (pulled)
6 5/8" @ 1832' (pulled?)
2" tbg @ 1825' (set on packer)
Elevation @ 980'

Fresh Water @ none reported
Salt Water @ none reported
Coal @ 556' (Pittsburgh Coal)
Gas Shows @ 1953' (Big Injun)
Oil Shows @ none reported

1. Notify State Inspector, Dave Cowan, 304-389-3509, 24 hrs. Prior to commencing operations.
 2. Attempt to release and TOOH 2" tubing and 2"x 6 5/8" packer.
 3. If attempt fails, go to next step. *If attempt good, set 100' cement plug 1990(TD) to 1890.*
 4. TIH shoot off 2" tbg @ 1825', TOOH and inspect tbg.
 5. TIH to 1825', set 100' C1A cement plug 1825' to 1725'. (tbg cut, gas @ 1952')
 6. TOOH tbg to 1725', gel hole 1725' to 1600', TOOH tbg.
 7. Free point 6 5/8" casing, cut casing @ free point, (est @ 1550'). *If there?*
 8. Set 100' C1A cement plug 50' in/out of cut. *?*
- Perforate all saltwater, freshwater, coal, oil and gas shows below cut. Do not omit any plugs. *?*
9. TOOH tbg to 1500', gel hole, 1500' to 1250'.
 10. TOOH tbg to 1250', set 320' C1A cement plug 1250' to 930' (Salt Sand, 8 1/4" casing seat, elevation).
 11. TOOH tbg to 930' gel hole 930' to 560'.
 12. TOOH tbg to 560', set 100' C1A cement plug 560' to 460', (Coal)
 13. TOOH tbg to 460, gel hole 460' to 200'.
 14. TOOH tbg to 200', set 200' C1A cement plug 200' to surface.
 15. Top of with cement as needed.
 16. Erect monument with API#.
 17. Reclaim location, road to WV-DEP specifications.

GCS 6/16/15

RECEIVED
Office of Oil and Gas
APR 02 2015
WV Department of
Environmental Protection

651791
 MAD SHOOT NO. 113
 Drilled on *Garner*
 Shipping Point *Clay*

CARNEGIE NATURAL GAS COMPANY

RECORD OF WELL

Well No. *1-61*

SWAN S.W.

Farm of *34*

Acres, situate in

Township *Ritchie*
 District

County *W.Va* Lease No. *9589*

Foreman

RIG
47-085-03918

WELL
 Commenced Drilling *Apr 17-1*

Located
 Notified Gen'l Office
 Commenced
 Completed
 Contractor
 Address

Notified Gen'l Office
 Completed Drilling *May 12-1*
 Notified Gen'l Office
 Contractor
 Address

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME	
				3/4 Minute	Lbs.
Conductor				1 "	"
Mapleton Coal				2 "	"
Pittsburgh Coal	<i>556</i>	<i>557</i>		3 "	"
Little Dunkard	<i>825</i>	<i>875</i>		4 "	"
Big Dunkard	<i>905</i>	<i>955</i>		5 "	"
Gas Sand	<i>1050</i>	<i>1080</i>		10 "	"
1st Salt Sand	<i>1210</i>	<i>1240</i>		15 "	"
2nd Salt Sand	<i>1270</i>	<i>1500</i>		30 "	"
Maxton Sand	<i>1700</i>	<i>1745</i>		1 Hour	"
Little Lime	<i>1755</i>	<i>1770</i>		Rock	"
Pencil Cave	<i>1770</i>	<i>1800</i>		Size of { Tubing	Inch
Big Limo	<i>1800</i>	<i>1872</i>		{ Casing	"
Big Injun	<i>1872</i>	<i>1990</i>	<i>From 1952 to 1961</i>	Vol. by Water	
Gantz Sand				" " Mercury <i>15/10 in 6</i>	
50 Foot Sand				" " Pressure	
30 Foot Sand					
Gordon Stray					
Gordon Sand					
4th Sand					
5th Sand					
Bayard Sand					
Elizabeth					
Speechley					
Bradford					

CONNECTED TO MAIN LINE
1916
 Length of Line *77'-285* Feet
 Size of Line *2" - 3"* Inch
 DISCONNECTED FROM LINE

Total Depth *1990* Feet at \$ _____ per Foot \$ _____
 Gas Furnished at _____ Cents per Foot

CASING RECORD

SIZE	CHARGED TO WELL		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL		PACKER
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
<i>10</i>	<i>292</i>		<i>272</i>		<i>209</i>		<i>63</i>				<i>229</i>		Kind <i>Anchaj</i>
<i>8 1/2</i>			<i>1085</i>		<i>1085</i>				<i>8 1/2</i>		<i>1200</i>		Size <i>6 5/8</i>
<i>6 5/8</i>											<i>176</i>		Set at <i>RECEIVED</i>
<i>3"</i>	<i>86</i>		<i>64</i>								<i>22</i>		Office <i>REC'D</i>
<i>2"</i>	<i>1936</i>		<i>1926</i>										WELL SHOT

Casing Cemented in Well _____ by _____

Office *REC'D*
 APR 02 2015
 WV Department of Environmental Protection

1) Date: March 30, 2015
 2) Operator's Well Number
651791 (F.C. Garner #613)
 3) API Well No.: 47 085 - 03918 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**

4) Surface Owner(s) to be served: (a) Name <u>Gerald S. and Sharon E. Hall</u> Address <u>2204 River Road</u> <u>Pennsboro, WV 26415</u> (b) Name _____ Address _____ (c) Name _____ Address _____ 6) Inspector <u>David Cowan</u> Address <u>1597 Devil Hole Road</u> <u>Harrisville, WV 26362</u> Telephone <u>(304) 389-3509</u>	5) (a) Coal Operator: Name <u>None</u> Address _____ (b) Coal Owner(s) with Declaration Name <u>Jack Collins</u> <u>P. O. Box 235</u> Address <u>Baltic, OH 43804</u> Name <u>See Attachment</u> Address _____ (c) Coal Lessee with Declaration Name <u>None</u> Address _____
--	---

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

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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

OFFICIAL SEAL
 STATE OF WEST VIRGINIA
 NOTARY PUBLIC
 Misty S. Christie
 1207 Briercliff Rd
 Bridgeport, WV 26330
 My Commission Expires February 2018

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

Subscribed and sworn before me this 30th day of March, 2015
Misty S. Christie Notary Public
 My Commission Expires: 2/20/18

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.

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 WV Department of
 Environmental Protection

6330

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:

Gerald S. and Sharon E. Hall
2204 River Road
Pennsboro, WV 26415

#651791 Plugging Permit

X Addressee

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

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

3. Service Type

Certified Mail® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number
(Transfer from service label)

7014 0150 0001 0654 8587

PS Form 3811, July 2013

Domestic Return Receipt

PS Form 3800, August 2008 See Reverse for Instructions

#651791 Plugging Permit

Sent to: Gerald S. and Sharon E. Hall
2204 River Road
Pennsboro, WV 26415
Street, Apt. No., or PO Box No., City, State, ZIP

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

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Restricted Delivery Fee (Endorsement Required)		

Total P Jack Collins
 Sent To P. O. Box 235
 Baltic, OH 43804
 Street, Apt or PO Box
 City, State #651791 Plugging Permit

PS Form 3800, August 2006 See Reverse for Instructions

26330

PS Form 3811, July 2013
 Article Number (Transfer from service label)
 7014 0150 0001 0654 8501
 Domestic Return Receipt

1. Article Addressed to:
 Jack Collins
 P. O. Box 235
 Baltic, OH 43804
 #651791 Plugging Permit

2. 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.

A. Signature Addressee Agent

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:

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

4. Restricted Delivery? (Extra Fee) Yes No

WW4-A

Additional Coal Owners

Curtis L. Collins
Unknown

Robert N. Collins
1606 9th Avenue
Vienna, WV 26105-1004

Sayre Collins
Unknown

Claude Garner
4523 West Keim Drive
Glendale, AZ 85301-5317

Gerald S. Hall
Rt. #1, Box 143
Pennsboro, WV 26415-9801

John M. Pratt AIF
Heirs of Stella Hickman Pratt
5312 Lancaster Ave. S, Box 429
Charleston, WV 25304

Myra Zinn
406 29th Street
Vienna, WV 26105

ET Bluegrass Apollo Division
P. O. Box 2347
Charleston, WV 25328

Key Oil Company
22 Garton Plaza
Weston, WV 26452-2129

Edward Garner
364 Short Run Road
Pennsboro, WV 26415-76001

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Sent To: John M. Pratt AIF
Heirs of Stella Hickman Pratt
5312 Lancaster Ave. S, Box 429
Charleston, WV 25304
#651791 Plugging Permit

PS Form 3800, August 2006 See Reverse for Instructions

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

2. Article Number
7014 0150 0001 0654 8532

1. Article Addressed to:
John M. Pratt AIF
Heirs of Stella Hickman Pratt
5312 Lancaster Ave. S, Box 429
Charleston, WV 25304
#651791 Plugging Permit

3. Service Type
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4. Restricted Delivery? (Extra Fee)
 Yes
 No

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

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

X Addressee

26330

FRK

V 26330

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:

Edward Garner
 364 Short Run Road
 Pennsboro, WV 26415-76001

#651791 Plugging Permit

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
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4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label)

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PS Form 3800, August 2006 See reverse for instructions

#651791 Plugging Permit

City, St. or PO1

Street

Sent to: Pennsboro, WV 26415-76001

364 Short Run Road

Edward Garner

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

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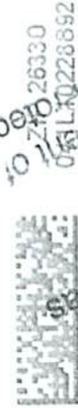
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 or PO Box
 City, State
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Key Oil Company
 22 Garton Plaza
 Weston, WV 26452-2129

PS Form 3800, August 2006 See Reverse for Instructions

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1. Article Addressed to:
 Key Oil Company
 22 Garton Plaza
 Weston, WV 26452-2129
 #651791 Plugging Permit

2. Article Number
 (Transfer from service label)
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3. Service Type
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 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)
 C. Date of Delivery

PS Form 3811, July 2013 Domestic Return Receipt

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Restricted Delivery Fee (Endorsement Required)		

Total Pcs ET Bluegrass Apollo Division

Sent To P. O. Box 2347

Street, Ap or PO Box Charleston, WV 25328

City, State #651791 Plugging Permit

PS Form 3800, August 2006 See Reverse for Instructions

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

2. Article Number
 7014 0150 0001 0654 8556

#651791 Plugging Permit
 Charleston, WV 25328
 P. O. Box 2347
 ET Bluegrass Apollo Division

1. Article Addressed to:

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 ■ 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.

A. Signature Agent
 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:

3. Service Type
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 Registered
 Return Receipt for Merchandise
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4. Restricted Delivery? (Extra Fee) Yes No

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

Sent To: Myra Zinn
406 29th Street
Vienna, WV 26105

Street, Apt. No. or PO Box No.
City, State, Zip
#651791 Plugging Permit

PS Form 3800, August 2006 See Reverse for Instructions



7014 0150 0001 0654 8549
7014 0150 0001 0654 8549

PS Form 3811, July 2013
(Transfer from service label)
7014 0150 0001 0654 8549
Domestic Return Receipt

1. Article Addressed to:
Myra Zinn
406 29th Street
Vienna, WV 26105
#651791 Plugging Permit

2. Article Number

3. Service Type
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 Registered Mail
 Insured Mail
 Return Receipt for Merchandise
 Priority Mail Express™
 Return Receipt for Merchandise
 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)
C. Date of Delivery

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

Total Postage **Gerald S. Hall**
Rt. #1, Box 143
Pennsboro, WV 26415-9801

Sent To **Rt. #1, Box 143**
Pennsboro, WV 26415-9801

Street, Apt. No.
or PO Box No.

City, State, ZIP **#651791 Plugging Permit**

PS Form 3800, August 2006 See Reverse for Instructions

Rt. #1, Box 143
Pennsboro, WV 26415-9801
#651791 Plugging Permit

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

2. Article Number
7014 0150 0001 0654 8495

#651791 Plugging Permit

Gerald S. Hall
Rt. #1, Box 143
Pennsboro, WV 26415-9801

1. Article Addressed to:

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.

A. Signature X

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:

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

4. Restricted Delivery? (Extra Fee)
 Yes No

V 26330

FIRST-CLASS MAIL

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ZIP 26330

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85-3918P

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CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)
 For delivery information visit our website at www.usps.com

OFFICIAL USE



7014 0150 0001 0654 8525
 7014 0150 0001 0654 8525

Postage	\$	<i>MC</i> Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Pct		
Sent To Claude Garner 4523 West Keim Drive Glendale, AZ 85301-5317 Street, Apt. or PO Box City, State #651791 Plugging Permit PS Form 3809, August 2006 See Reverse for Instructions		

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

2. Article Number
 7014 0150 0001 0654 8525

1. Article Addressed to:
 Claude Garner
 4523 West Keim Drive
 Glendale, AZ 85301-5317
 #651791 Plugging Permit

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

4. Restricted Delivery? (Extra Fee)
 Yes
 No

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below:

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

Print your name and address on the back of the mailpiece, so that we can return the card to you, or on the front if space permits.

330

FIRST-CLASS MAIL

\$07.40

ZIP 26330
041110228892

recpost#
03/31/2015

US POSTAGE



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Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		
Sent To Robert N. Collins 1606 9th Avenue Vienna, WV 26105-1004		
Street, Apt or PO Box Vienna, WV 26105-1004		
City, State, ZIP+4® #651791 Plugging Permit		

mc

PS Form 3800, August 2006

See Reverse for Instructions

V 26330

rk

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
 ■ 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.

Robert N. Collins
1606 9th Avenue
Vienna, WV 26105-1004
#651791 Plugging Permit

2. Article Number
(Transfer from service label)
7014 0150 0001 0654 8518

PS Form 3811, July 2013
Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 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:

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

4. Restricted Delivery? (Extra Fee) Yes No

temporarily
03/31/2015
US POSTAGE

FIRST CLASS MAIL
\$03.29⁰⁰



ZIP 26330
041110228892

85-3918 P

David Cowan
1597 Devil Hole Road
Harrisville, WV 26362

#651791, #604548, #655276 & 651076 Plugging Permit

**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: North Fork Hughes River Quadrangle: Pennsboro

Elevation: 981 ft. County: Ritchie District: Clay

Description of anticipated Pit Waste: Formation Fluids

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ___ No X

Will synthetic liner be used in the pit? Yes Is so, what ml.? 10 ml

Proposed Disposal Method for Treated Pit Wastes:

- 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? _____

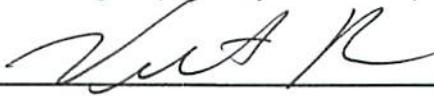
Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. _____

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.

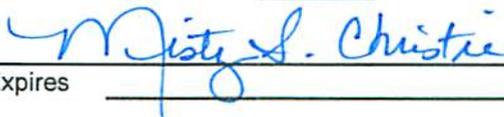
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is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

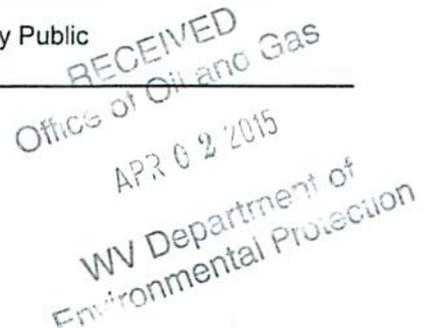
Company Official Signature 

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 30th day of March, 2015

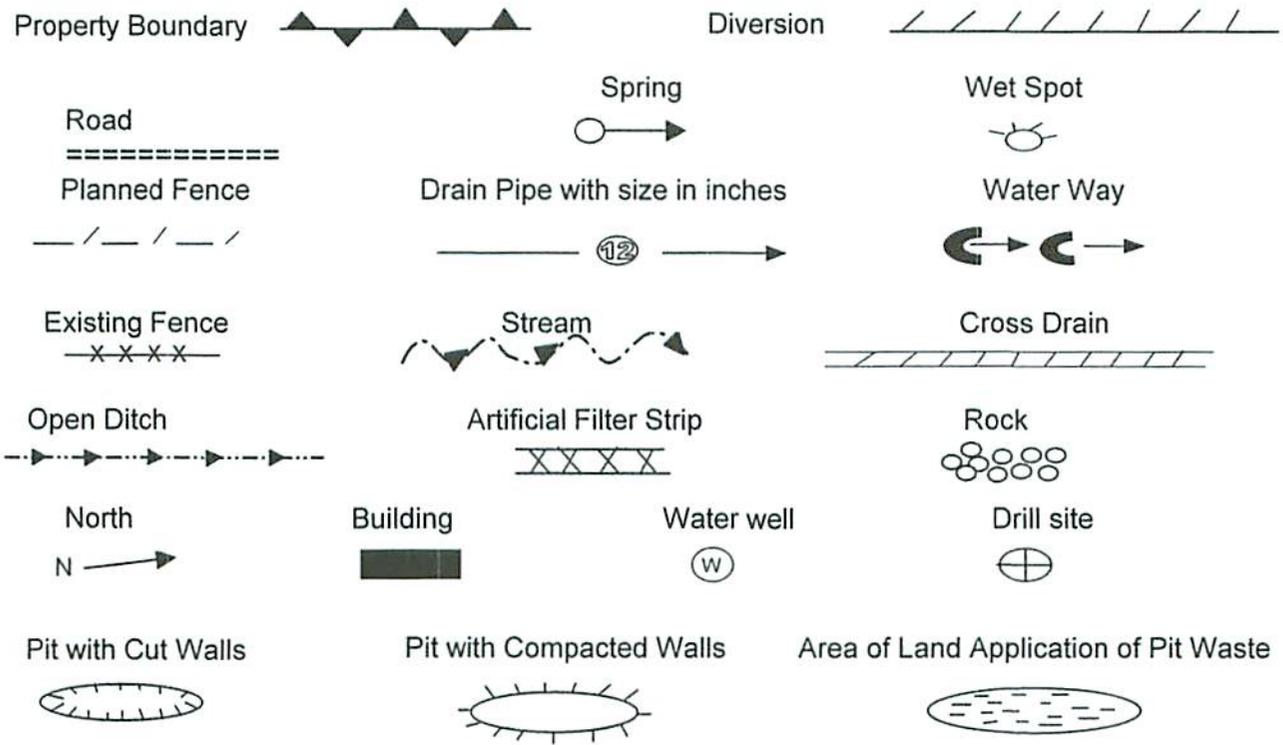
 Notary Public
My Commission Expires 2/20/18



85-3918P

OPERATOR'S WELL NO.:
651791 (F.C. Garner #613)

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: Jesse Smith for Dave Cowan (phone)

Comments: _____

Title: _____ Date: 6/16/15

Field Reviewed? _____ Yes No

SURFACE OWNER WAIVER

Operator's Well Number: 651791 (F.C. Garner #613)

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW 4-A

The well operator named on page WW4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Division of Environmental Protection
601 57th Street, SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments.

the date the operator files for this Application. You have comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

The law requires these materials to be served on or before

FIVE (5) DAYS

after the filing date to file your

Comments must be in writing.

Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories.

The office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For a Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature

Date

Name
By _____
Its _____

Signature

Date

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Office of Oil and Gas

APR 02 2015

WV Department of
Environmental Protection

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The well operator named on the attached page WW-4(B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the date on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on the obverse side of this application

Note: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner or Lessee for plugging" prior to the issuance of this plugging permit.

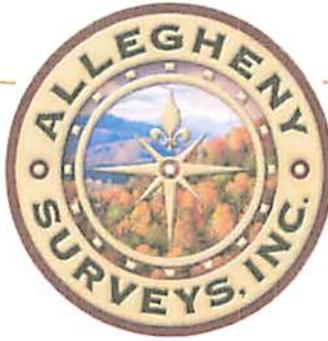
WAIVER

The undersigned operator _____ / owner _____ / lessee _____ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____
Its: _____

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WV Department of
Environmental Protection



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
LEASE NAME AND WELL No. F. C. Garner #613 - WV 651791 - API No. 47-085-03918

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 651791.

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 • 1411 Church Rd
Alum Creek, WV 25003
phone: 304-756-2949
fax: 304-756-2948

HANSON OFFICE
401 South Fairfax Blvd, Suite 3
Martinsburg, WV 25438
phone: 304-724-5008
fax: 304-724-5010

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APR 07 2015
WV Department of
Environmental Protection

Topo Quad: Pennsboro 7.5'

Scale: 1" = 2000'

County: Ritchie

Date: March 17, 2015

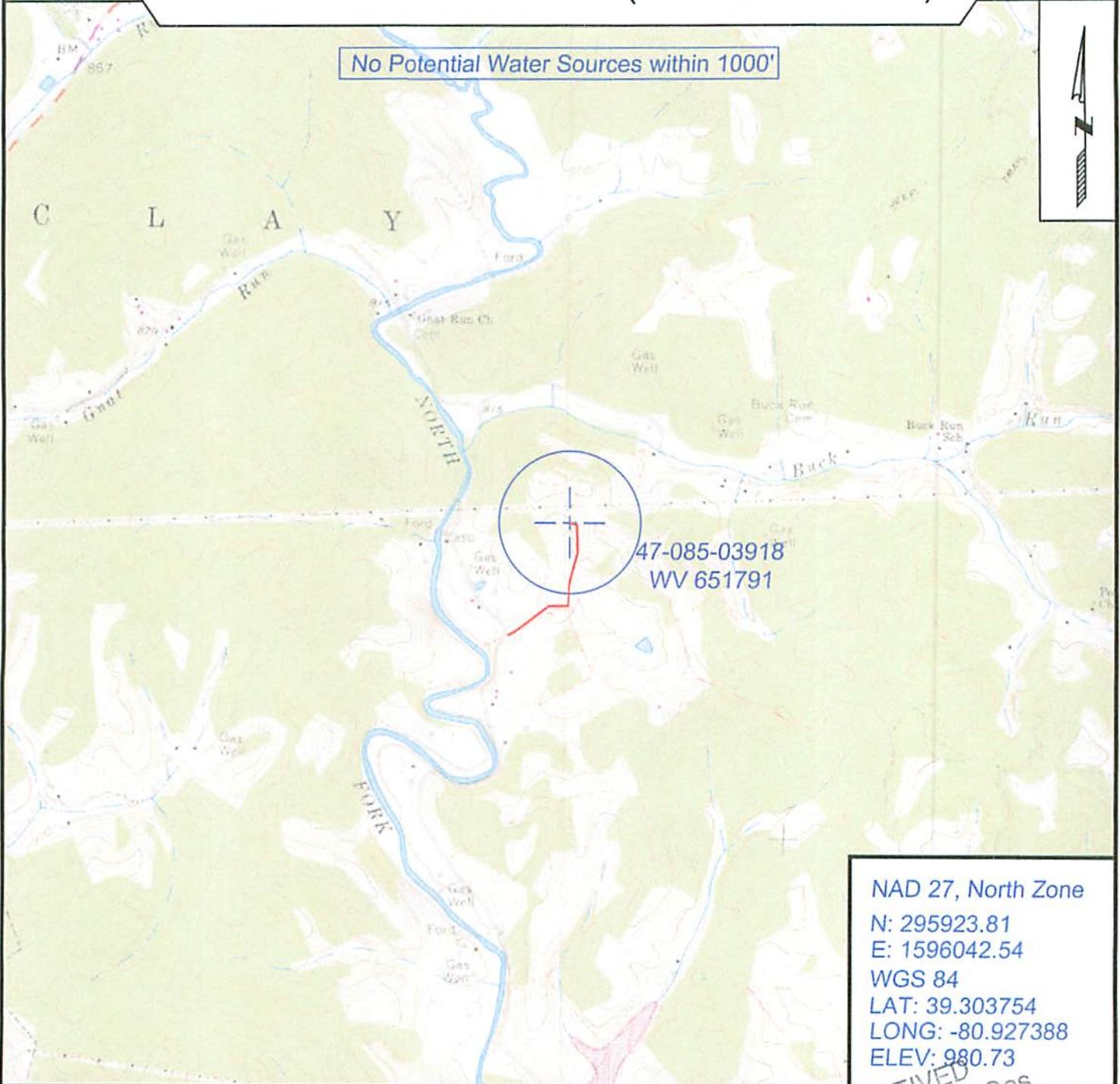
District: Clay

Project No: 68-38-00-08

Water

47-085-03918 WV 651791 (F. C. Garner #613)

No Potential Water Sources within 1000'



47-085-03918
WV 651791

NAD 27, North Zone
N: 295923.81
E: 1596042.54
WGS 84
LAT: 39.303754
LONG: -80.927388
ELEV: 980.73



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

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Environmental Protection

Topo Quad: Pennsboro 7.5'

Scale: 1" = 2000'

County: Ritchie

Date: March 17, 2015

District: Clay

Project No: 68-38-00-08

47-085-03918 WV 651791 (F. C. Garner #613)

Topo



47-085-03918
WV 651791

NAD 27, North Zone
 N: 295923.81
 E: 1596042.54
 WGS 84
 LAT: 39.303754
 LONG: -80.927388
 ELEV: 980.735



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

Office of Oil and Gas
 REC'D
 APR 2 2015
 WV Department of
 Environmental Protection



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

API: 47-085-03918 P WELL NO.: WV 651791 (F. C. Garner #613)
FARM NAME: F. C. Garner
RESPONSIBLE PARTY NAME: EQT Production Company
COUNTY: Ritchie DISTRICT: Clay
QUADRANGLE: Pennsboro 7.5'
SURFACE OWNER: Gerald & Sharon Hall
ROYALTY OWNER: Curtis L. Collins, et al.
UTM GPS NORTHING: 4350488
UTM GPS EASTING: 506261 GPS ELEVATION: 299 m (981 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.


Signature

PS # 2180
Title

RECEIVED
Office of Oil and Gas
Date 5/20/15
APR 20 2015

WV Department of
Environmental Protection

I

Operator: EQT PRODUCTION COMPANY
 API: 8503918
 WELL No: 613
 Reviewed by: GCS Date: 6/16/15
 15 Day End of Comment: 04/07/15

Well is on an Agreed Order

CHECKLIST FOR FILING A PERMIT

Plugging

ck # 19119
\$10000

- 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)