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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

May 20, 2016

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-3302115, 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: 1688  
Farm Name: CUNNINGHAM, F. W. & E.  
**API Well Number: 47-3302115**  
**Permit Type: Plugging**  
Date Issued: 05/20/2016

**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

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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.

3302115A

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

CK #  
20442

Date: April 12, 2016  
Operator's Well  
Well No. 656556 (Cunningham #1688)  
API Well No.: 47 033 - 02115

**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: 1044 ft. Watershed: Bingamon Creek  
Location: Eagle County: Harrison Quadrangle: Shinnston 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 Sam Ward  
Name: P. O. Box 2327  
Address: Buckhannon, WV 26201

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

S. J. [Signature]

Date 5/12/16

330215P

## PLUGGING PROGNOSIS

F.W. Cunningham # 1688 (656556)  
District : Eagle  
Harrison Co. WV  
API # 47-033-02115

BY: R. Green  
DATE: 10/5/15

### **CURRENT STATUS:**

Elevation @ 1047'  
TD at 2582' ( Plugged back to 1557' in 1971)

8 5/8" casing @ 1072'  
4 1/2" csg @ 1568'

Fresh Water @ none reported  
Coal, @ 47' to 56' & 850' to 858''  
Saltwater @ 1030', 1105', & 1440'

1. Notify State Inspector, Sam Ward, 304-389-7583, 24 hrs. in advance of commencing operations.
2. TIH tbg to 1550', set 300' C1A cement plug from 1550' to 1250'.(gas show @ 1540', & saltwater @ 1440')
3. TOOH tbg to 1250', gel hole 1250' to 1150'.
4. TOOH tbg to 1150', set 200' C1A cement plug 1150' to 950', (Saltwater @ 1030' & 1105', elevation, and 8 5/8" csg seat).
5. TOOH tbg to 950', gel hole 950' to 750'. TOOH tbg.
6. Free point and cut 4 1/2" casing, (EST @ 750'), TOOH casing.
7. Set 100' C1A cement plug 50' in/out of cut. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
8. TOOH tbg to 700', gel hole 700' to 300'.
9. TOOH tbg to 300', set 300' C1A cement plug 300' to surface.(Coal @ 47').
10. Erect monument with API#.
11. Reclaim location and road to WV-DEP specifications.

5120  
51211E

33021157



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

RECEIVED

JAN 6 1972

OIL & GAS DIVISION  
DEPT. OF MINES

quadrange Clarksburg N.E.

WELL RECORD

permit No. 033-2115

Oil or Gas Well Gas  
(KIND)

Company Carnegie Natural Gas Company  
Address 3904 Main St., Minhall, Pa. 15120  
Owner F. W. Cunningham Acres 160  
Location (waters) \_\_\_\_\_  
Well No. 1688 Elev. 1047.1  
District Eagle County Harrison  
The surface of tract is owned in fee by Wilbur Morrison,  
Route #1 Address Shinnston, W. Va.  
Mineral rights are owned by Chester Cunningham  
Route #1 Address Shinnston, W. Va.  
Drilling commenced 6/22/05  
Drilling completed 8/11/05  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
Casing \_\_\_\_\_  
Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure 460 lbs. 13 hrs.  
\_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			Wall _____
10			Size of <u>6-5/8" x 11"</u>
8 3/4		1072	
6 3/4		1552	Depth set <u>1587</u>
5 3/16			
3		1587	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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

COAL WAS ENCOUNTERED AT 47 FEET 108 INCHES  
850 FEET 96 INCHES FEET INCHES  
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet Salt Water 1030', 1105', 1140 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clarksburgh	Coal		47	56			
und			510	665			
val			850	858			
und			960	1065	Water	1030	
und			1085	1115	Water	1105	
und			1145	1170			
g Injun			1434	1556	Gas	1540	
ray			2132	2162	Water	1440	
h Sand			2247	2290	Gas	2247	
h Sand			2427	2440	Gas	2435	
Total Depth				<u>2582</u>			

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary \_\_\_\_\_ Oil \_\_\_\_\_  
Cable  Gas  e. hole  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Quadrangle Clarksburg NE

Permit No. HAR 415-FRAC

033-2115

JUL 20 1972

Company <u>Carnegie Natural Gas Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>3904 Main St., Munhall, Pa. 15120</u>				
Farm <u>F. W. Cunningham</u> Acres <u>160</u>				
Location (waters) <u>Cunningham Run</u>				
Well No. <u>1688</u> Elev. <u>1047.1</u>	Size <u>20-16</u>			Garaton Service, Inc. cemented 350' of 1 1/2" with 75 bags of cement
District <u>Eagle</u> County <u>Harrison</u>	Cond. <u>3-10"</u>			
The surface of tract is owned in fee by <u>Wilbur Morrison</u>	<u>9 5/8</u>			
Address <u>Rt. #1, Shinnston, W. Va.</u>	<u>8 5/8</u>	<u>1072</u>	<u>1072</u>	
Mineral rights are owned by <u>Chester Cunningham</u>	<u>7</u>	<u>1552</u>		
Address <u>Rt. #1, Shinnston, W. Va.</u>	<u>5 1/2</u>			
Drilling Commenced <u>G.O. Oct. 12, 1971</u>	<u>4 1/2</u>	<u>1568</u>	<u>1568</u>	
Drilling Completed <u>G.O. Dec. 27, 1971</u>	<u>3</u>			
Initial open flow <u>no test</u> cu. ft. _____ bbls.	<u>2</u>			
Final production <u>561,000</u> cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test <u>340</u> RP.				

Well treatment details: Attach copy of cementing record.  
Fractured January 10, 1972. 1543-49' with 14 bbls. acid, 496 bbls. water & 25,000# Sand.  
1465-69' & 1473-81' with 33 bbls. acid, 500 bbls. water & 25,000# Sand

Coal was encountered at 47' and 850' Feet 108" and 96" Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water 1030', 1105', 1440' Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 1465'-81'

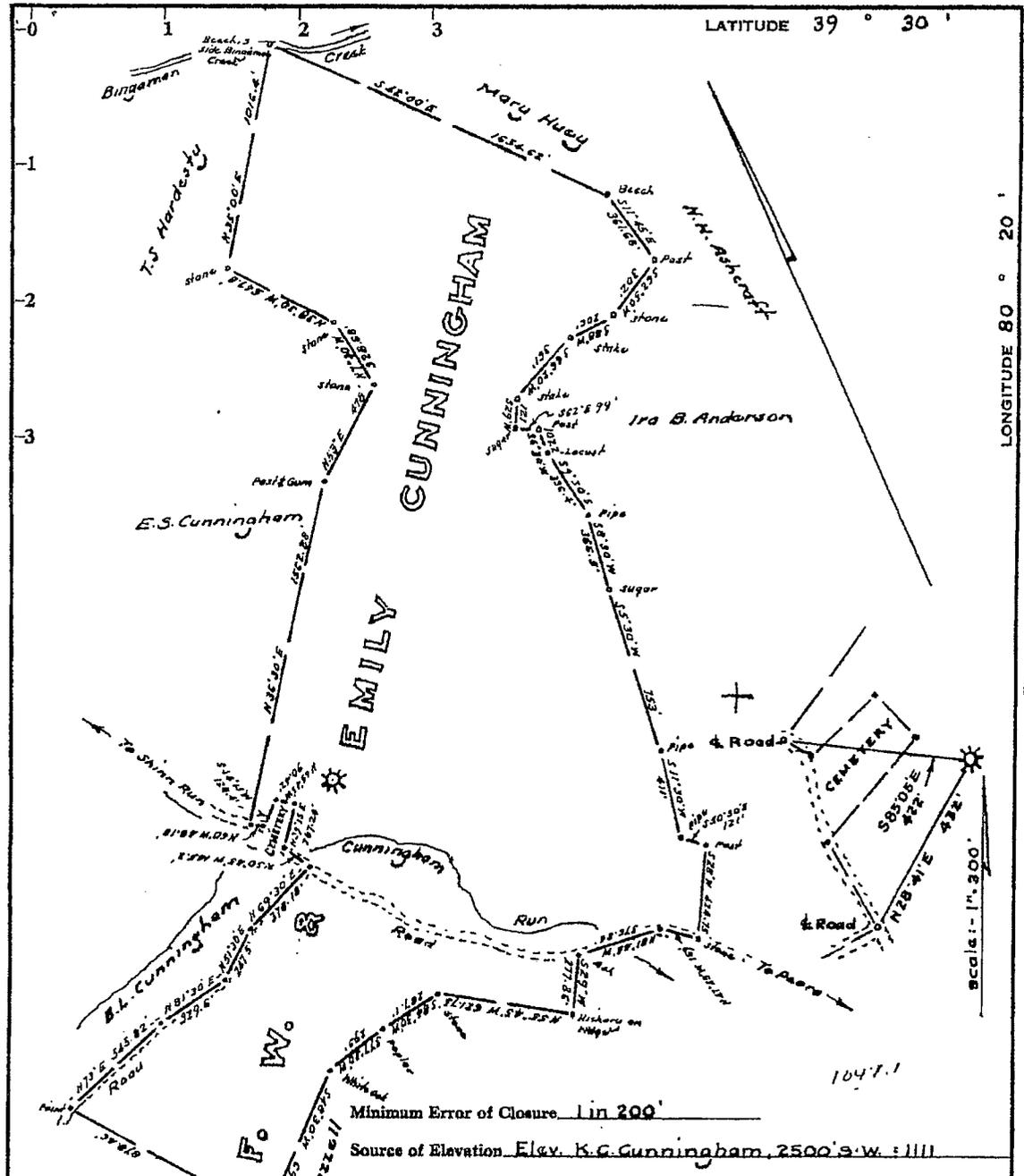
Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			47	56		
Sand			510	665		
Coal			850	858		
Sand			960	1065	Water - 1030'	
Sand			1085	1115	Water - 1105'	
Sand			1145	1170		
Big Injun			1434	1556	Water - 1440'	
					Gas - 1540'	
Stray			2132	2162		
4th Sand			2247	2290	Gas - 2247	
5th Sand			2427	2440	Gas - 2435	
Total Depth				2582		
P.B.T.D.				1576		
Cleaned out to 1557' inside tubing before frac.				1557		
P.B.T.D. after frac.				1540		
Gravel			1540	1557		
Cement			1515	1540		

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GAMMA RAY TOPS:  
Little Lime 1316-1332  
Big Lime 1364-1422  
Keener 1422-1442  
Big Injun 1442-1552

(over)

\* Indicates Electric Log tops in the remarks section.



Minimum Error of Closure  $1 \text{ in } 200'$   
 Source of Elevation Elev. K.C. Cunningham, 2500' a.w. = 1111

- Fracture.....  1-6-24
- New Location.....
- Drill Deeper.....
- Abandonment.....  Partial Plug

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: Walter J. [Signature]  
 Squares: N S E W

Company	CARNEGIE NATURAL GAS CO.
Address	Munhall, Penna.
Farm	F.W. & Emily Cunningham
Tract	Acres 123.57 Lease No.
Well (Farm) No.	Serial No. 1688
Elevation (Spirit Level)	1047.1
Quadrangle	Clarksburg
County	Harrison District Eagle
Engineer	Walter J. [Signature]
Engineer's Registration No.	1227
File No.	Drawing No.
Date	June 29, 1970 Scale 1" = 600'

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

WELL LOCATION MAP  
 47-033-2115 Gas  
 FILE NO. 47-033-2115-24

Transferred to 47-033-2115-24

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.  
 — Denotes one inch spaces on border line of original tracing.

1) Date: April 12, 2016  
2) Operator's Well Number  
656556 (Cunningham #1688)  
3) API Well No.: 47 033 - 02115  
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:	5) (a) Coal Operator:
(a) Name <u>William Salerno</u>	Name <u>None</u>
Address <u>148 Twin Pine Road</u>	Address _____
<u>Shinnston, WV 26431</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Attention: Alex O'Neill</u>
_____	Address <u>Murray Energy Corporation</u>
_____	<u>46226 National Road</u>
(c) Name _____	<u>St. Clairsville, OH 43950</u>
Address _____	Name _____
_____	Address _____
_____	(c) Coal Lessee with Declaration
6) Inspector <u>Sam Ward</u>	Name <u>None</u>
Address <u>P. O. Box 2327</u>	Address _____
<u>Buckhannon, WV 26201</u>	_____
Telephone <u>(304) 389-7583</u>	_____

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

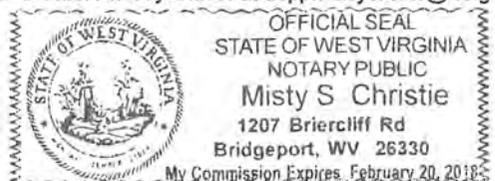
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
  - (2) The plat (surveyor's map) showing the well location on Form WW-6.
- The reason you received these documents is that you have 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:	<u>EQT Production Company</u>
By:	<u>Victoria J. Roark</u>
Its:	<u>Permitting Supervisor</u>
Address:	<u>PO Box 280</u>
	<u>Bridgeport, WV 26330</u>
Telephone:	<u>(304) 848-0076</u>

Subscribed and sworn before me this 14th day of April, 2016  
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](mailto:depprivacyofficer@wv.gov).



Office of Oil & Gas  
APR 18 2016

**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: Bingamon Creek Quadrangle: Shinnston 7.5'  
Elevation: 1044 ft. County: Harrison District: Eagle

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  
  X   Reuse (at API Number) - Various  
  X   Offsite Disposal Permit #. See attached.  
       Other: Explain \_\_\_\_\_

*SDW  
5/12/18*

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.

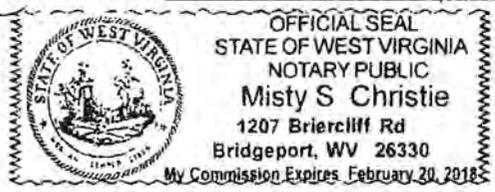
Company Official Signature *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 9<sup>th</sup> day of May, 2016

*Misty Christie* Notary Public  
My Commission Expires 2/20/18





3302115P



May 4, 2016

Mr. Jeff McLaughlin  
West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304

Re: Revision of 47-033-02115

Dear Mr. McLaughlin,

Enclosed is an updated WW-9 for the above API number. The disposal method was updated from Land Application, which now requires a permit, to Reuse and Offsite Disposal. I have sent new pages to the inspectors for their signatures.

If you have any questions, please do not hesitate to contact me at (304) 848-0076.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Vicki Roark'.

Vicki Roark  
Permitting Supervisor-WV

Enc.

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Office of Oil and Gas  
MAY 05 2016  
WV Department of  
Environmental Protection

3302115P

**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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MAY 05 2016  
WV Department of  
Environmental Protection

330211SP

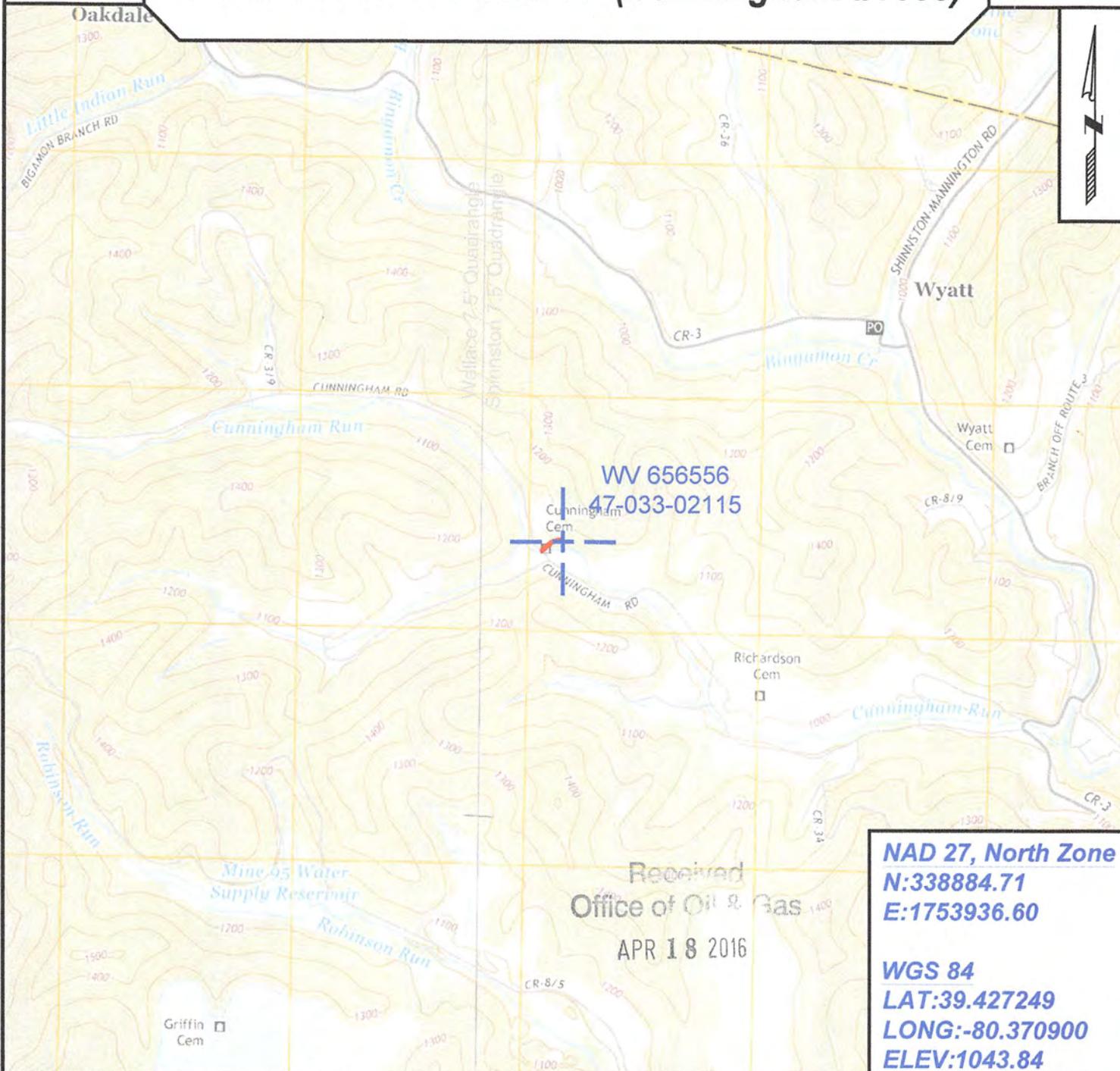
Topo Quad: Shinnston 7.5' Scale: 1" = 2000'

County: Harrison Date: March 22, 2016

District: Eagle Project No: 70-36-00-08

**47-033-02115 WV 656556 (Cunningham #1688)**

Topo



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**NAD 27, North Zone**  
**N:338884.71**  
**E:1753936.60**

**WGS 84**  
**LAT:39.427249**  
**LONG:-80.370900**  
**ELEV:1043.84**



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606  
 237 Birch River Road  
 Birch River, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

PREPARED FOR:  
**EQT Production Company**  
 P.O. Box 280  
 Bridgeport, WV 26330

WW-7  
8-30-06



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

API: 47-033-02115 WELL NO.: WV 656556 (Cunningham #1688)

FARM NAME: F. W. & E. Cunningham

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Harrison DISTRICT: Eagle

QUADRANGLE: Shinnston 7.5'

SURFACE OWNER: Richard L. & Ann L. Laughlin

ROYALTY OWNER: Peggy Bradshaw, et al.

UTM GPS NORTHING: 4364379

UTM GPS EASTING: 554146 GPS ELEVATION: 318m (1044 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 18 2016

Steph O'Brien  
Signature

PS# 2180  
Title

3/31/16  
Date



## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EOT PRODUCTION COMPANY  
 LEASE NAME AND WELL No. Cunningham #1688 - WV 656556 - API No. 47-033-02115

### POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 992 +/- Owner: Helen Creak  
 Address: 3902 Cunningham Run Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 2 Spacing: 771 +/- Owner: Robert Bolton  
 Address: 3866 Cunningham Run Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 3 Spacing: 604 +/- Owner: Donny Lanham  
 Address: 3812 Cunningham Run Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 4 Spacing: 639 +/- Owner: April Gooden  
 Address: 3875 Cunningham Run Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 5 Spacing: 577 +/- Owner: Kimberly Hamrick  
 Address: 3881 Cunningham Run Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 6 Spacing: 748 +/- Owner: Randy Swager / Megan Tucker  
 Address: 94 Deep Valley Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

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**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**  
 25 Lights Addition Drive  
 Martinsburg, WV 25404  
 phone: 304-901-2162  
 fax: 304-901-2182

Site: 7 Spacing: 511 +/- Owner: Brian Owens

Address: 50 Deep Valley Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_

Comments: \_\_\_\_\_

Site: 8 Spacing: 419 +/- Owner: Brian Owens

Address: 50 Deep Valley Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_

Comments: \_\_\_\_\_

Site: 9 Spacing: 171 +/- Owner: Randall Schweinebraten

Address: 4013 Cunningham Run Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_

Comments: \_\_\_\_\_

Site: 10 Spacing: 993 +/- Owner: Steven Bee

Address: 4349 Cunningham Run Road, Shinnston, WV 26431 Phone No. \_\_\_\_\_

Comments: \_\_\_\_\_

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3302115P

Topo Quad: Shinnston 7.5'

Scale: 1" = 2000'

County: Harrison

Date: March 22, 2016

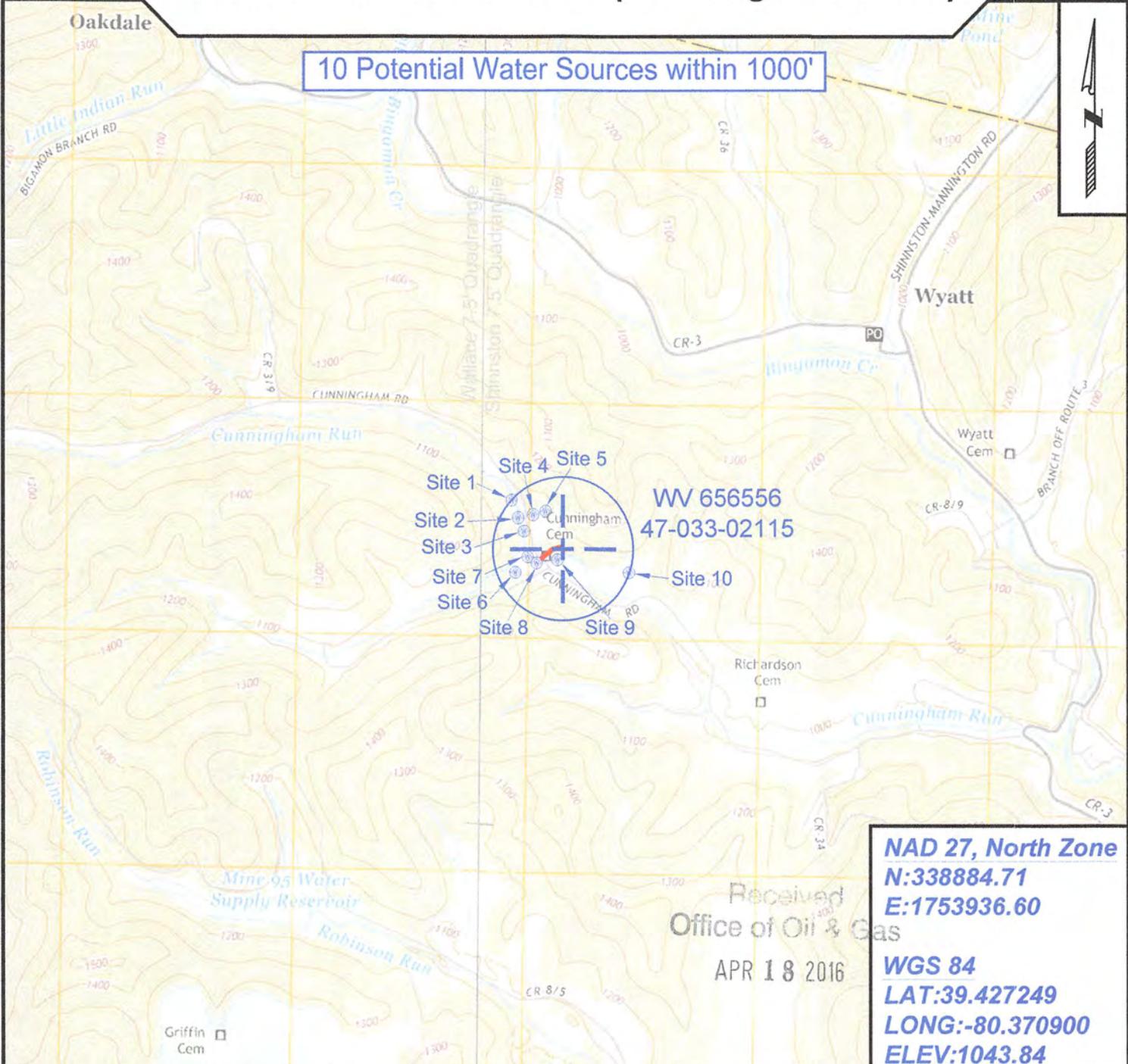
District: Eagle

Project No: 70-36-00-08

Water

# 47-033-02115 WV 656556 (Cunningham #1688)

10 Potential Water Sources within 1000'



**NAD 27, North Zone**  
**N:338884.71**  
**E:1753936.60**

**WGS 84**  
**LAT:39.427249**  
**LONG:-80.370900**  
**ELEV:1043.84**

Received  
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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