



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

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

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.

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 X Liquid Injection Waste Disposal:
If Gas, Production X Or Underground storage Deep Shallow X

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

05/20/2016

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.

SDC
5/12/16

05/20/2016

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

Oil or Gas Well Gas
(KIND)

permit No. 033-2115

Company <u>Carnegie Natural Gas Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>3904 Main St., Minhall, Pa. 15120</u>	Size			
Owner <u>F. W. Cunningham</u> Acres <u>160</u>	16			Kind of Packer
Location (waters)	13			<u>Wall</u>
Well No. <u>1688</u> Elev. <u>1047.1</u>	10			Size of <u>6-5/8"x11"</u>
District <u>Eagle</u> County <u>Harrison</u>	8 3/4		<u>1072</u>	Depth set <u>1587</u>
The surface of tract is owned in fee by <u>Wilbur Morrison,</u> <u>Route #1</u> Address <u>Shinnston, W. Va.</u>	6 3/4		<u>1552</u>	
Mineral rights are owned by <u>Chester Cunningham</u> <u>Route #1</u> Address <u>Shinnston, W. Va.</u>	5 3/16			
Drilling commenced <u>6/22/05</u>	3		<u>1587</u>	Perf. top
Drilling completed <u>8/11/05</u>	2			Perf. bottom
Test Shot From To	Liners Used			Perf. top
Flow /10ths Water in. Inch				Perf. bottom
/10ths Merc. in. Inch				
Volume Cu. Ft.	CASING CEMENTED	SIZE	No. Ft.	Date
Back Pressure <u>460</u> lbs. <u>13</u> hrs.				
_____ bbls., 1st 24 hrs.				
WELL ACIDIZED _____				
WELL FRACTURED _____				

RESULT AFTER TREATMENT _____

BACK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water 1030', 1105', 1440 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clarksburg	Coal		47	56			
Hard			510	665			
Coal			850	858			
Hard			960	1065	Water	1030	
Hard			1085	1115	Water	1105	
Hard			1145	1170			
g Injun			1434	1556	Gas	1540	
Gray			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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Office of Oil & Gas
APR 18 2016

(over)

05/20/2016



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.				

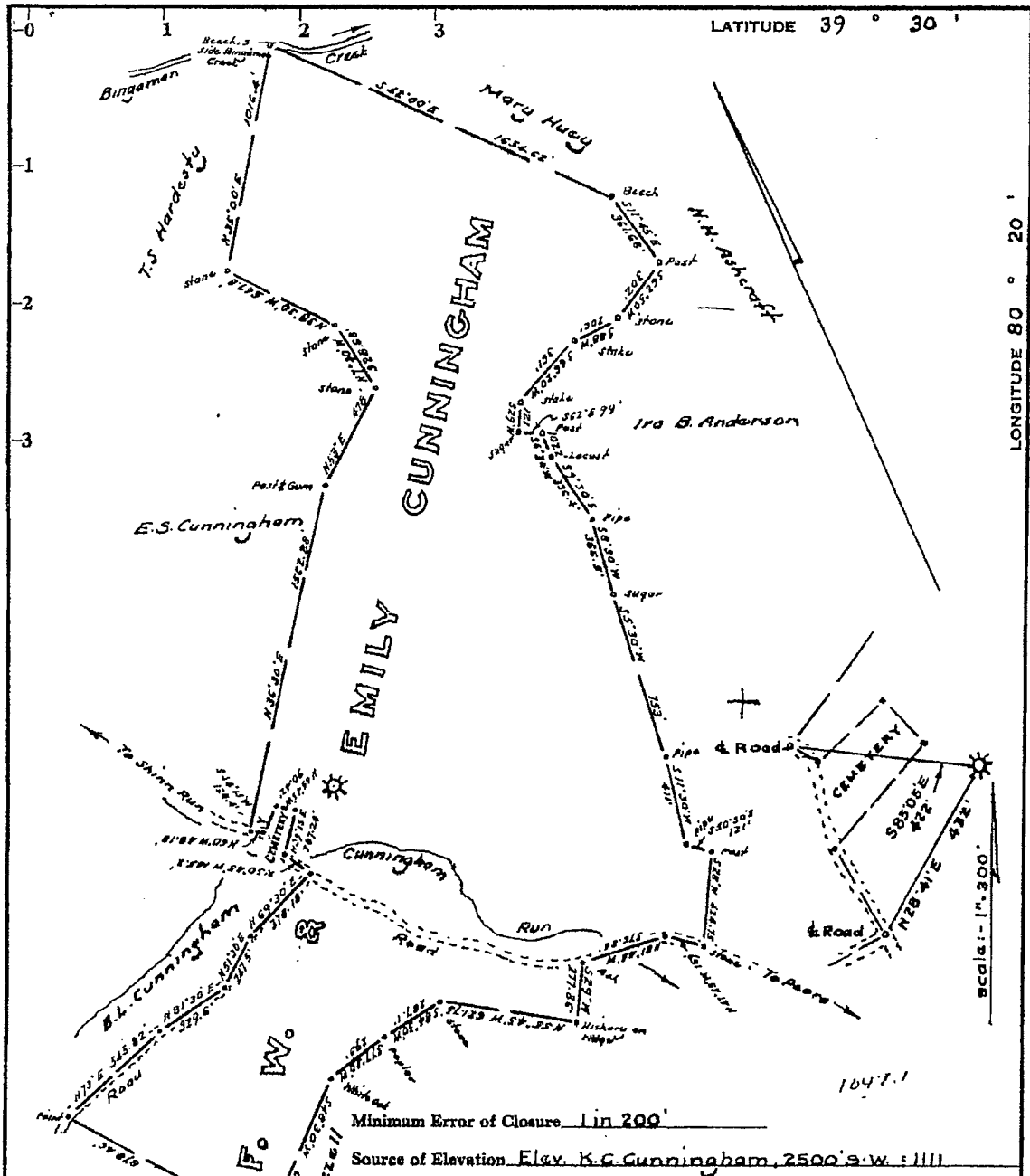
Well treatment details: Attach copy of cementing record.
Fractured January 10, 1972. 1543-49' with 14 bbls. acid, 496 bbls. water & 25,000# Sand.
1465-69' & 1473-81' with 33 bbls. acid, 500 bbls. water & 25,000# Sand

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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APR 18 2016
GAMMA RAY TOPS:
Little Lime 1316-1332
Big Lime 1364-1422
Keener 1422-1442
Big Injun 1442-1552

* 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..... 1-6-72
- 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: W. H. [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	W. H. [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

Transferred to 47-033-2115-20 Fracture
 + 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.

05/20/2016

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 _____
_____	_____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P. O. Box 2327</u>	Name <u>None</u>
<u>Buckhannon, WV 26201</u>	Address _____
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.

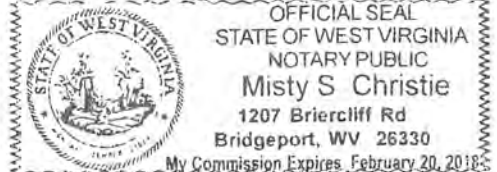
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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.



Office of Oil & Gas

APR 18 2016

05/20/2016

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
5/12/16*

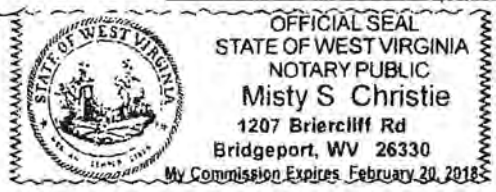
Drilling medium anticipated for this well? Air, freshwater, oil based, etc.
If oil based, what type? Synthetic, petroleum, etc.
Additives to be used? _____

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.

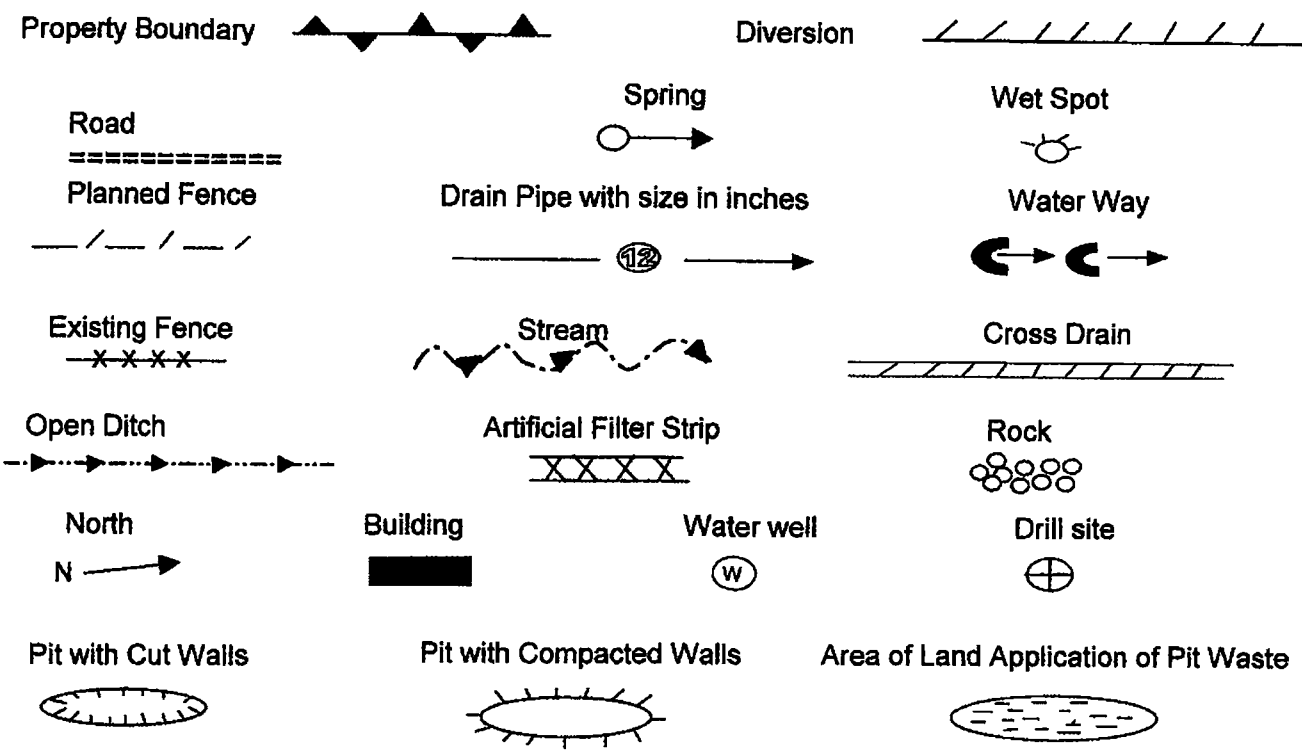
Company Official Signature *Victoria Roark*
Company Official (Typed or Printed) Victoria Roark
Company Official Title Permitting Supervisor-WV
Subscribed and sworn before me this 9th day of May, 2016

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



OPERATOR'S WELL NO.:
666556 (Cunningham #1688)

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: _____

Title: OCB L. Cooper Date: 5/12/2016
 Field Reviewed? Yes No

33 02115P



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.

RECEIVED
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
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Environmental Protection

05/20/2016

330211SP

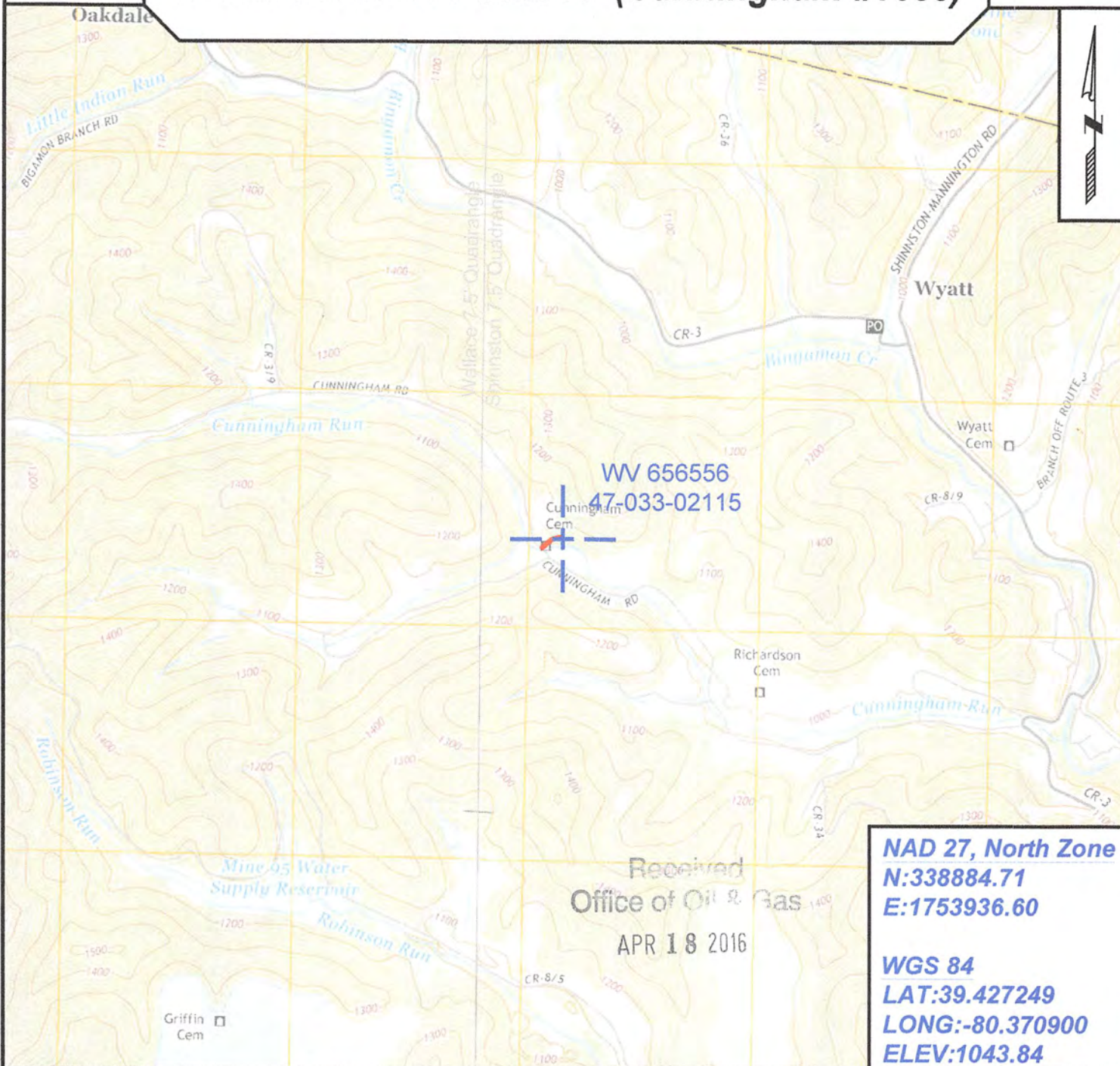
Topo Quad: Shinnston 7.5' Scale: 1" = 2000'

County: Harrison Date: March 22, 2016

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

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

Topo



NAD 27, North Zone
N:338884.71
E:1753936.60

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

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 APR 18 2016



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

05/20/2016

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.

Steph O'Brien
Signature

PS# 2180
Title

3/31/16
Date

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Office of Oil & Gas

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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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Office of Oil & Gas

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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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Office of Oil & Gas
APR 18 2016

3302115P

Topo Quad: Shinnston 7.5'

Scale: 1" = 2000'

County: Harrison

Date: March 22, 2016

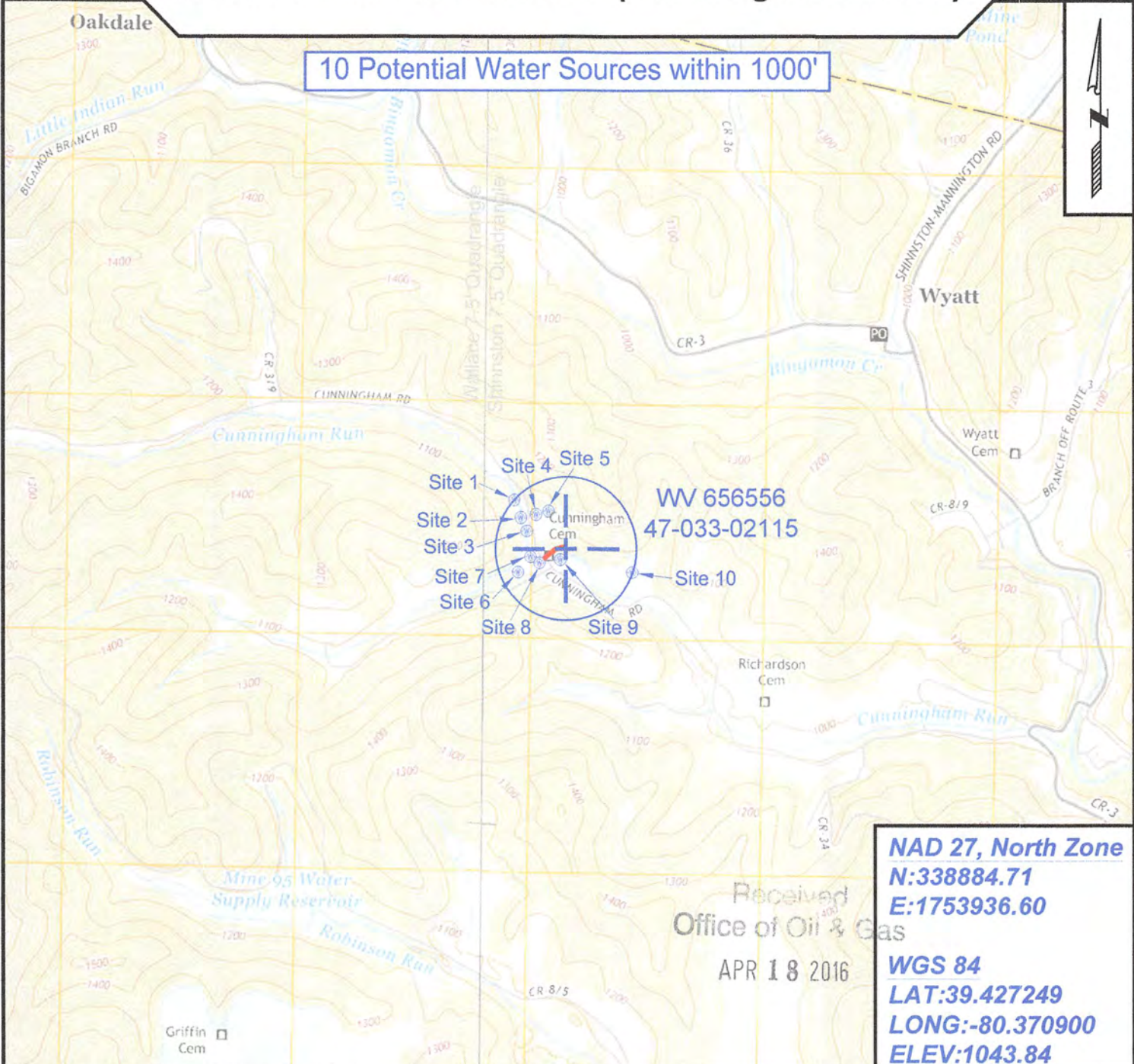
District: Eagle

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
 Office of Oil & Gas
 APR 18 2016



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

05/20/2016