



west virginia department of environmental protection

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

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

Wednesday, January 03, 2018
WELL WORK PERMIT
Vertical / Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit approval for 4822
47-085-03992-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

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

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

James A. Martin
Chief

Operator's Well Number: 4822
Farm Name: CAMPBELL
U.S. WELL NUMBER: 47-085-03992-00-00
Vertical / Plugging
Date Issued:

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.

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

Date: November 9, 2017
Operator's Well _____
Well No. 604822 (Campbell #4822)
API Well No.: 47 085 - 03992

Check # 21606
11-14-17
\$1,000

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: 1107 ft. Watershed: Otterslide Creek
Location: Union County: Ritchie Quadrangle: Oxford 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 Michael Goff
Name: 1723 Auburn Road
Address: Pullman, WV 26421

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.

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NOV 22 2017
WV Department of
Environmental Protection

OFFICE USE ONLY

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

Date _____

Work order approved by inspector _____

PLUGGING PROGNOS

604822
 J.M.Campbell
 API# 47-085-003992
 District,
 Ritchie County, WV

BY: R Green
 DATE: 10/17/17

CURRENT STATUS:

TD @ 2071'
Elevation @ 1106'

10" casing @ 185'
 8 1/4" casing @ 980'
 6 5/8" casing @ 1916'
 3" tubing @ 2017' (Set on 3"X 6 5/8" packer @ 1950')

Fresh Water @ None Reported
Saltwater @ None Reported
Oil Show @ None Reported
Gas shows @ 1605' (2nd Salt Sand), 1965' (Big Injun)
Coal @ None Reported

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1. Notify inspector, Michael Goff @ 304-549-9823, 24 hrs. prior to commencing operations.
2. TIH, check TD @ or below 1965'.
3. TIH and cut 3" tubing @ top of packer @ 1950', TOO H 3" tubing.
4. TIH and spot 30 bbl. of 6% gelled water followed by a 250' C1A cement plug, 1950' to 1700' (Packer @ 1950', and 6 5/8" casing seat).
5. WOC 8 hrs. Tag TOC, add additional C1A cement if necessary.
6. Free point 6 5/8" casing, cut casing @ free point, TOO H casing.
7. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all saltwater, freshwater, coal, oil and gas shows below cut. Do not omit any plugs.
8. TOO H to 1200' set a 350' C1A cement plug 1200' to 850' (Elevation and 8 1/4" casing seat).
9. Free point 8 1/4" casing, cut casing @ free point, TOO H casing.
10. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all saltwater, freshwater, coal, oil and gas shows below cut. Do not omit any plugs.
11. TOO H to 335' set a 200' C1A cement plug 335' to 135'. (10" casing seat).
12. Free point 10" casing, cut casing @ free point, TOO H casing.
13. Set a C1A cement plug 50' in casing cut to surface. Perforate all saltwater, freshwater, coal, oil and gas shows below cut. Do not omit any plugs.
14. * Note, if unable to cut and pull 10" casing, TIH and perforate 10" casing with 4 holes each @ 100', 75', & 50'. TIH to 135', and set a 135' C1A cement plug 135' to surface.
15. Erect monument with API#, date plugged, company name, and company 6-digit ID#.
16. Reclaim location and road to WV-DEP specifications.

85-03992P

DATE	FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	CLASSIFICATION C					
													SIZE	PUT IN	DATE	PULLED	DATE	
	WAYNESBURG COAL						SANTZ 10' SAND						C					
	MARLETOWN "						35' SAND (NEEVAN)						Had trouble with PACKER					
	REDEBURG "						BREE SAND (BLUR MON.)						BEAKING. SET CAVE CATCHER					
6-20-22	PITTSBURGH "						SORL STRAY SAND						13'					
7-20-22	MURPHY SAND						GORDON SAND (THIRD)						16'	1925				
	AMES LIMESTONE						ETH "						14'	200				
	BARBERTOWN COAL						ETH A "						11'	1916				
	L. DONKARO SAND						ETH " (MCDONALD)						10'					
	B. DONKARO SAND						ETH A "						10'					
	UPPER FREEPORT COAL						RAYARD " (SUCDD)						43'	2077	8-22-58			
	L. " "						RAYARD STRAY SAND						3'	2067	10-5-44	2067	6-5	
	U. RITT "						" " STR. SD.						5'	2060		2060	9-94	
	M. " "						ELIZABETH SAND						5'					
	L. " "						1ST WARREN SAND											
	VAMFORT LIME						INDO " "											
	GLADON COAL						SPEECH STRAY SAND											
	BROOKVILLE COAL						SPEECHLEY SAND											
	1ST GAS SAND						TIONA SAND											
	MERCER COAL						1ST BALLTOWN SAND											
	1ST SALT SAND	1440	1420				INDO " "											
	2ND " "	1370	1443	1605-15			2ND " "											
	3RD " "	1700	1755				SHEFFIELD "											
	MAINTON "	1792	1832				1ST BRADFORD " (BENSON)											
	LITTLE LIME	1842	1857				2ND " "											
	PENCIL CAVE	1857	1873				3RD " "											
	BIG LIME (KREMER)	1873	1963				PAKE SAND											
	BIG BRJON SAND	1863	2016	1905:81 (800:Shaw)			ELK SAND											
	SCAW "						ORISKANY SAND											
	2ND GAS "																	
	MURRYSVILLE SAND (BEREA)																	
	M. C. F. (°)	2071																
	TOTAL DEPTH	2067		N.K. 9-5-58														
	TOTAL DEPTH	2060																

PACKER DATA

DATE SET	KIND	SIZE	SET AT	DATE PULLED
10-27-44	AM	6 9/16	1000	7-9-4
PRYMASO	3'x7			

CASING CEMENTED

FROM	TO

OIL DATA

OPEN FLOW VOLUME & PRESSURE DATA

LIQUID	SIZE	MINUTES										24 HR. @ DAY		VOLUME	PRODUCING SAND		
		OPENING	TUBING	1	2	3	5	15	30	60	120	R. P.	S. P.				
	3" 8/16			40	40	80	100	125	155	185	205	225	235	240			
	3"																
W	3/4	3"		1	2 1/2	4	5 1/2	7			35		41	17 1/2	32 1/2"		

PIPE LINE DATA

C/O NO.	DATE LAID	DATE RCL'D	SIZE	FEET LAID	FEET RCL'D	REMARKS

DATE TURNED IN LINE DATE DISCONNECTED

VOLUME FACTOR DATA

PREVIOUS	PRESENT

REPAIR AND DRILLING DEEPER

SHOOTING RECORD

REASON	COMMENCED	COMPLETED	C/O OR D/O TO	VOLUME		ROCK PRESS.		DATE	AMT.	DEPTH	VOLUME	
				BEFORE	AFTER	BEFORE	AFTER				BEFORE	AFTER
# 4822				49	085			9-20-44	608	1968	30	10 35M

11

WW-4-A
Revised 6/07

1) Date: November 9, 2017
2) Operator's Well Number
604822 (Campbell #4822)
3) API Well No.: 47 085 - 03992
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

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Office of Oil and Gas

NOV 22 2017

WV Department of
Environmental Protection

4) Surface Owner(s) to be served:
(a) Name Craig and Amy Williams
Address 6390 Rotherby Circle
Hudson, OH 44236

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Michael Goff
Address 1723 Auburn Road
Pullman, WV 26421
Telephone (304) 549-9823

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

(b) Coal Owner(s) with Declaration
Name Craig and Amy Williams
6390 Rotherby Circle
Address Hudson, OH 44236

(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.

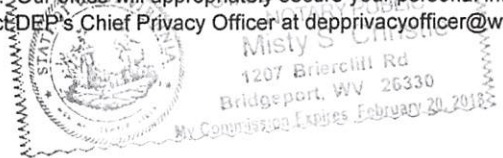
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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: Regional Land Supervisor
Address: PO Box 280
Bridgeport, WV 26330
Telephone: (304) 848-0076

Subscribed and sworn before me this 14th day of November, 2017
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.



1) Date: November 9, 2011
2) Operator Well Number: 00001 (Impound #823)
3) Air Well no: 00002
State: PA County: Berks

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL & GAS

NOTICE AND APPLICATION TO PLUG AND ABANDON WELL

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Office of Oil and Gas
NOV 9 2011

4) Operator Name	City and State	Address	Name	Address
Clark and Amy Williams	0350 Robinson Drive Hanson OH 44328	Clara and Amy Williams	Hanson OH 44328	

You should have to turn in this form and the following documents:
1) The application to plug and abandon a Well on Form PAW-4-A (which you fill out on the date involved in the work and describe the well to be plugged and the plugging work order and
2) The pluggers' map showing the well location on Form PAW-5
The reason you received these documents is that you have rights regarding the application when the submitted in the instructions on the form. However, you can not appear to take any action in this
The rule that applies in the West Virginia Code requires that a well abandonment application be filed with the Chief of the Bureau of Environment and Natural Resources and accompanied by a permit for the well and a copy of the location the Office of Oil and Gas, West Virginia Department of Environmental Protection will need to the well of the location described on the application on the other side of Form PAW-5. Copies of the permit, the application and the permit have been mailed by regular 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.

West Virginia
By: _____
Title: _____
Address: _____
Telephone: _____
Date: _____
Signature: _____
Witness: _____

Enclosed and upon receipt of this application is the

My Commission Expires: _____

The Office of Oil & Gas advises you that this application, such as a permit, will be processed under the regulatory code. You should be notified by the state agency in the near future of the date of the permit and the date of the permit. You should be notified by the state agency in the near future of the date of the permit and the date of the permit. You should be notified by the state agency in the near future of the date of the permit and the date of the permit. You should be notified by the state agency in the near future of the date of the permit and the date of the permit.

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NOV 22 2017

WV Department of
Environmental Protection

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

Operator Name: EQT PRODUCTION COMPANY OP CODE: _____

Watershed (HUC 10): Otterslide Creek Quadrangle: Oxford 7.5'

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

Will a pit be used? Yes X No ____

If so, please describe anticipated pit waste: _____

Formation Fluids

Will a synthetic liner be used in the pit? Yes X No ____ Is so, what ml.? 10 ml

Proposed Disposal Method for Treated Pit Wastes:

- _____ Land Application (if selected provide a completed form WW-9-GPP)
- _____ Underground Injection (UIC Permit Number _____)
- X _____ Reuse (at API Number -- Various _____)
- X _____ Off Site Disposal Permit (Supply form WW-9 for disposal location. See attachment)
- _____ Other: (Explain _____)

Will closed loop system be used? If so, describe: _____

Drilling medium anticipated for this well? (vertical and horizontal)? Air, freshwater, oil based, etc. _____

If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

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

If left in pit and plan to solidify what medium will be used? (cement, Lime, sawdust) _____

Landfill or offsite name/permit number? _____

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

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

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 *[Signature]*

Company Official (Typed Name) Victoria J. Roark

Company Official Title Regional Land Supervisor - WV

Subscribed and sworn before me this 14th day of November, 2017

My Commission Expires 2/20/18

[Signature]
Misty S. Christie



Page _____ of _____
3) Operator's Well Number
604822 (Campbell #4822)
3) API Well No. 43 088 - 03882

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Office of Oil and Gas

NOV 2 2013

Environmental Protection
Department of
West Virginia

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
FLUIDS: OILFIELD DISPOSAL & RECLAMATION PLAN

Operator Name: EGT PRODUCTION COMPANY

OR CODE:

Watershed (HUC 10): Oxtongue Creek

County: Cabell

Oxford T.S.

Do you anticipate using more than 6,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

Will a synthetic liner be used in the pit? Yes No

Proposed Disposal Method for Treated PW Wastewater: Land Application (I selected provide a completed form WW-8-CPI)

- Land Application (I selected provide a completed form WW-8-CPI)
- Injection into an AUC Permit Number
- Reuse for API Number - Variable
- On Site Disposal Permit (Supply form WW-8 for disposal location. See attachment)
- Other (Specify)

Will closed loop system be used? Yes No

Drilling medium anticipated for this well? (vertical and horizontal) All freshwater, oil based, etc.

Will oil based, water glycol, emulsion, etc.

Additional to be used in drilling medium?

Will oilfield disposal method? (Leave a pit, synthetic liner, etc.)

Will it be used and how to comply with minimum well depth? (Form WW-8-CPI)

Permittee shall provide a written notice to the Office of Oil and Gas of any change in disposal method rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2010 by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

application form and all documents thereon and that based on my review of these documents I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

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 (Typed Name): _____

Company Official (Typed Name): _____

Company Official (Typed Name): _____

Company Official (Typed Name): _____

Company Official (Typed Name): _____

Company Official (Typed Name): _____

Company Official (Typed Name): _____

Company Official (Typed Name): _____

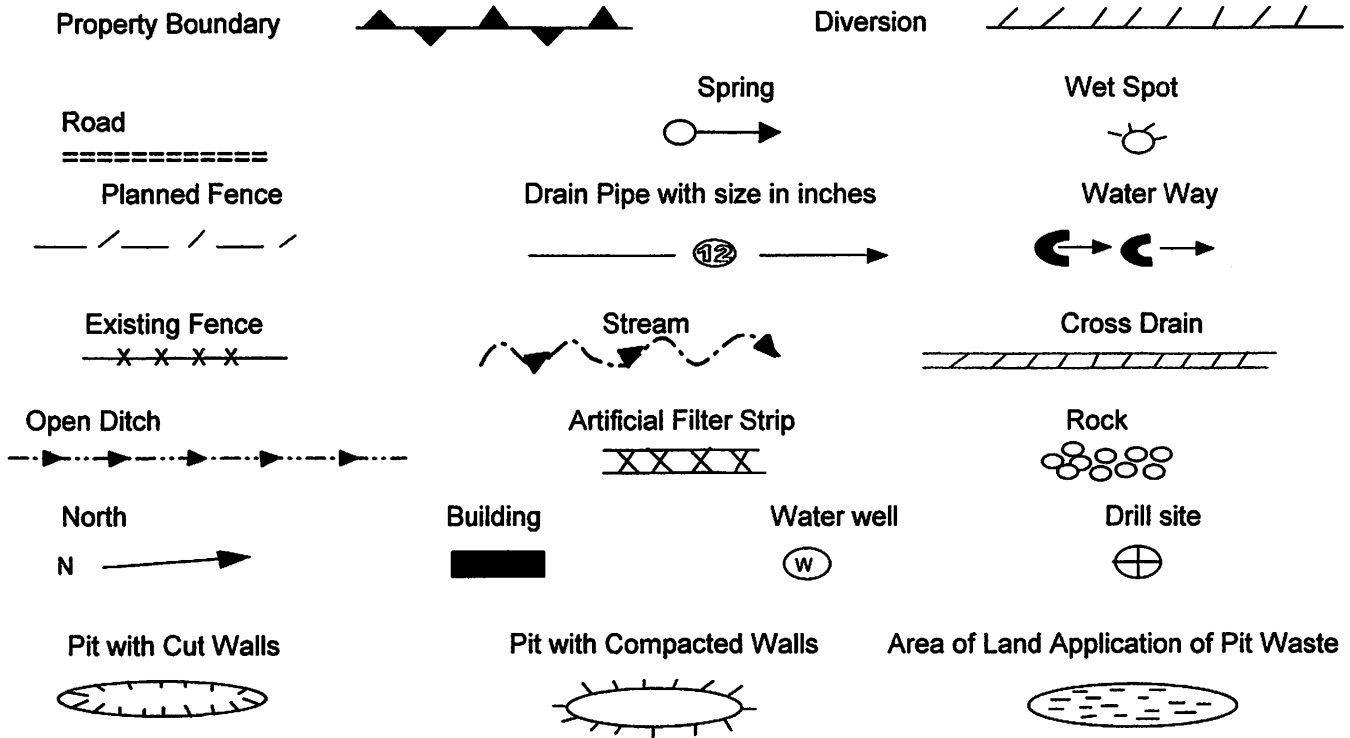
Company Official (Typed Name): _____

Company Official (Typed Name): _____

Company Official (Typed Name): _____

OPERATOR'S WELL NO.:
604822 (Campbell #4822)

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.

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 Office of Oil and Gas

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Plan approved by: _____

Comments: _____ WV Department of Environmental Protection

Title: _____ Date: _____
 Field Reviewed? Yes No

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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85-03992P

Topo Quad: Oxford 7.5'

Scale: 1" = 200'

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County: Ritchie

Date: October 12, 2017

NOV 22 2017

District: Union

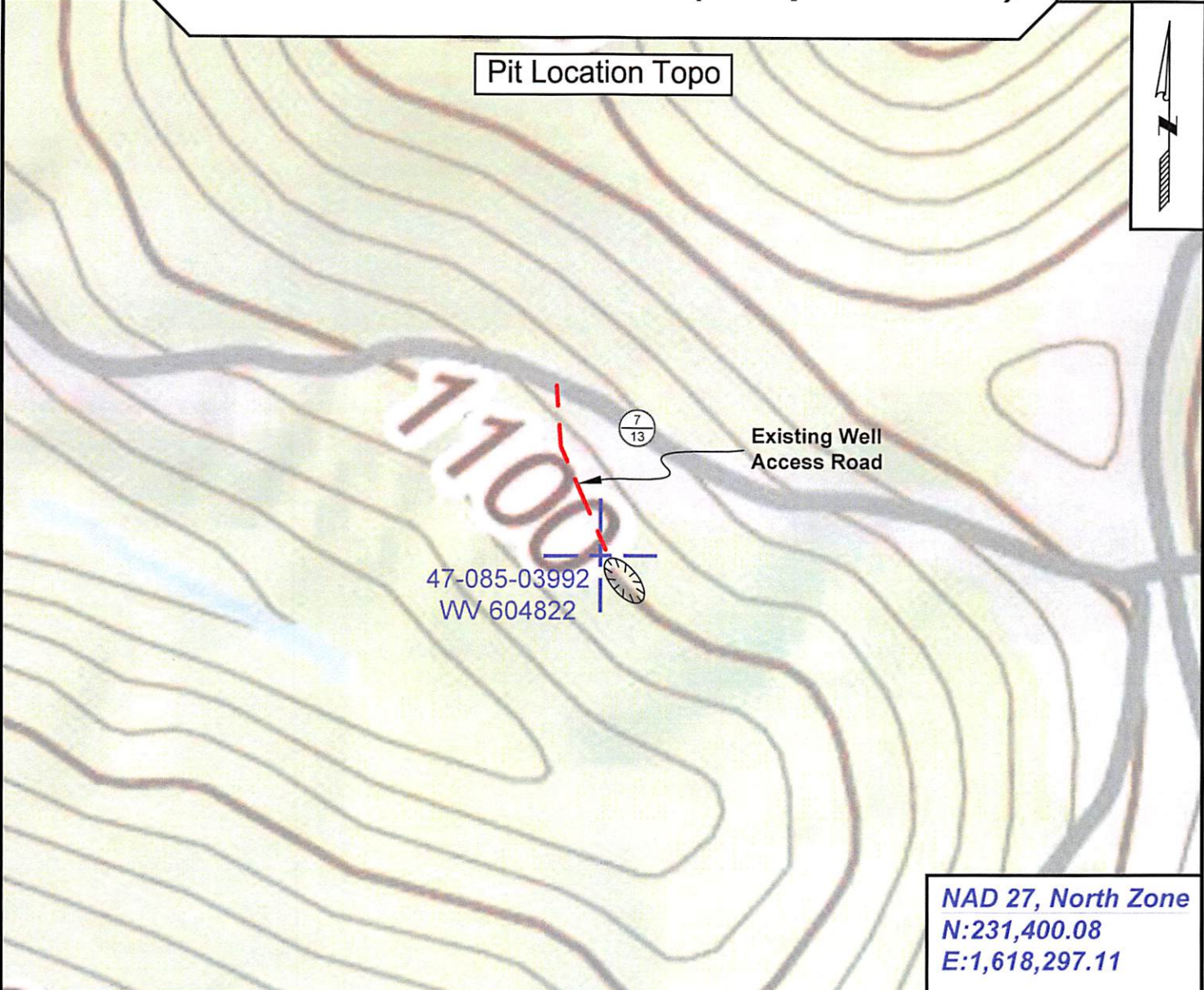
Project No: 68-38-00-08

WV Department of
Environmental Protection

47-085-03992 WV 604822 (Campbell #4822)

Topo

Pit Location Topo



47-085-03992
WV 604822

Existing Well
Access Road

NAD 27, North Zone
N:231,400.08
E:1,618,297.11

WGS 84
LAT:39.127567
LONG:-80.845336
ELEV:1106.74

LEGEND

 Proposed Pit Location



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

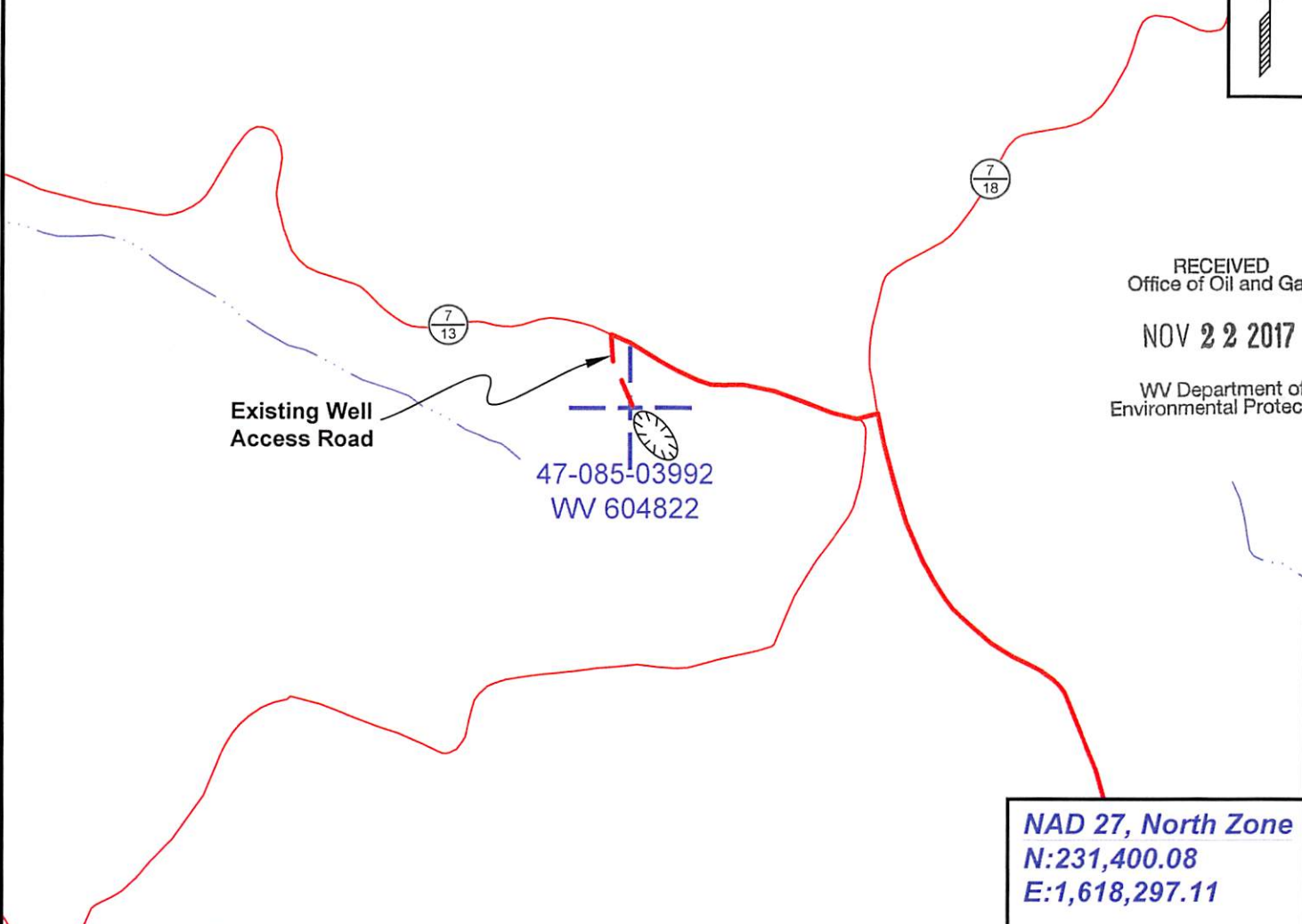
P.O. Box 280
Bridgeport, WV 26330

Topo Quad: Oxford 7.5' Scale: 1" = 500'
 County: Ritchie Date: October 12, 2017
 District: Union Project No: 68-38-00-08

Highway

47-085-03992 WV 604822 (Campbell #4822)

Pit Location Map



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WV Department of
Environmental Protection

47-085-03992
WV 604822

NAD 27, North Zone
N:231,400.08
E:1,618,297.11

WGS 84
LAT:39.127567
LONG:-80.845336
ELEV:1106.74

LEGEND

 Proposed Pit Location



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

85-03992 P

Topo Quad: Oxford 7.5'

Scale: 1" = 2000'

RECEIVED
Office of Oil and Gas

County: Ritchie

Date: October 12, 2017

NOV 22 2017

District: Union

Project No: 68-38-00-08

WV Department of
Environmental Protection

47-085-03992 WV 604822 (Campbell #4822)

Topo



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



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
 LEASE NAME AND WELL No. Campbell #4822 - WV 604822 - API No. 47-085-03992

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 604822.

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WV Department of
Environmental Protection

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

Topo Quad: Oxford 7.5'

Scale: 1" = 2000'

RECEIVED
Office of Oil and Gas

County: Ritchie

Date: October 12, 2017

NOV 22 2017

District: Union

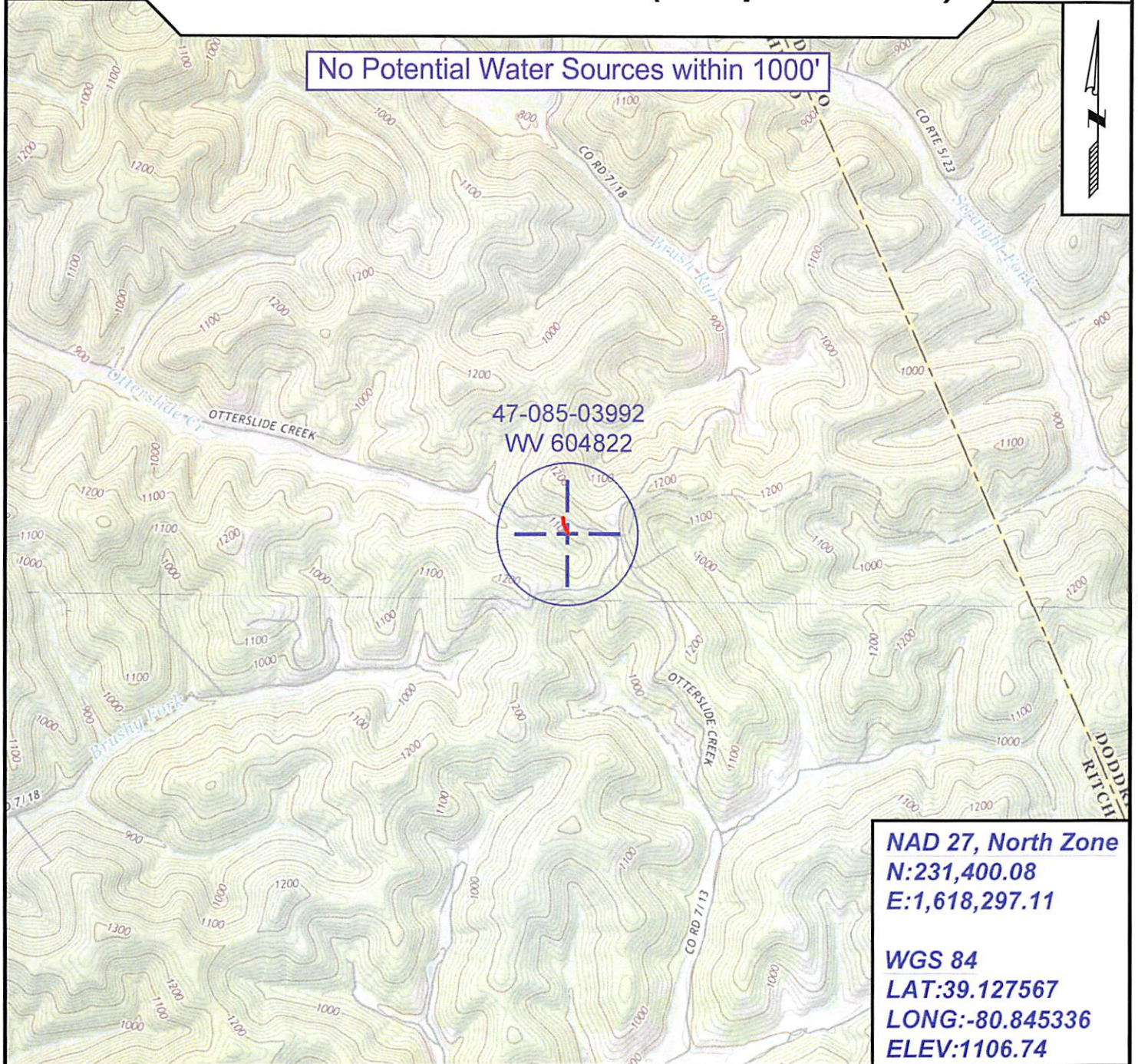
Project No: 68-38-00-08

WV Department of
Environmental Protection

Water

47-085-03992 WV 604822 (Campbell #4822)

No Potential Water Sources within 1000'



47-085-03992
WV 604822

NAD 27, North Zone
N:231,400.08
E:1,618,297.11

WGS 84
LAT:39.127567
LONG:-80.845336
ELEV:1106.74



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

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Office of Oil and Gas

NOV 22 2017

WV Department of
Environmental Protection



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

API: 47-085-03992 WELL NO.: WV 604822 (Campbell #4822)

FARM NAME: J. M. Campbell

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Ritchie DISTRICT: Union

QUADRANGLE: Oxford 7.5'

SURFACE OWNER: Craig and Amy Williams

ROYALTY OWNER: Craig H. Williams, et al.

UTM GPS NORTHING: 4330944

UTM GPS EASTING: 513369 GPS ELEVATION: 337 m (1107 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

10/27/17
Date