

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

Friday, November 04, 2016 WELL WORK PERMIT Vertical / Plugging - 2

EQT PRODUCTION COMPANY 120 PROFESSIONAL PLACE BUILDING II BRIDGEPORT, WV 26330

Re:

Permit approval for 7755 47-097-00081-00-00

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: 7755

Farm Name: ALLMAN, I. M., ETUX

U.S. WELL NUMBER: 47-097-00081-00-00

Vertical / Plugging - 2

Date Issued: 11/4/2016

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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

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 within two years of the date of issuance of this permit.

AGREED GROEN 97000817

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

Date: July 12, 2016 Operator's Well Well No. 607755 (I. M. Allman #7755)

API Well No .:

47 097 - 00081

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION

			OFFICE O	F OIL AND GAS			
4)		APPLICATION	FOR A PE	RMIT TO PLUG A	AND ABANDON		
4)	Well Type: Oi		X Li	quid Injection	Waste Dispo	sal:	
	If Gas, Production	on X	Or Undergro	ound storage	Deep	Shallow _	Χ
5)	El	evation: 1574 ft.	Watershed:	Bridge Run			
	Location: District:	Buckhannon	County:	Upshur	Quadrangle:	245	
6)	District.	EQT Production Co	mpany	7) Designa	ited Agent: Rex	C. Rav	
	Well Operator	120 Professional Pla		Address			
	Address:	Bridgeport, WV 263	30	_	Bridgeport, WV	26330	
8)				9) Plugging	Contractor:		
	Oil & Gas Bryan	Harris			HydroCarbon Well	Service	
		Box 157		Address	: PO BOX 995		
	Address: Volga	, WV 26238		-	Buckhannon, WV 2	26201	
10)	O) 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 distri	rict oil and gas inspector 24 hours before permitted work can commence.
Work order approved by inspector	Duygan Hann Date 8-5-16

PLUGGING PROGNOSIS

I.M.Allman #7755 607755 District, Buckhannon Upshur, WV API # 47-097-00081

BY: R. Green DATE: 12/1/15

CURRENT STATUS:

Elevation @ 1578'

TD @ 4978' (Plugged back to 4771')

10" csg @ 292' 8 1/4" csg @ 1091' 6 5/8" csg@ 2630' 3" tubing @ 4771' (set on 3" X 6 5/8" packer @ 4074')

Freshwater, @ none reported Saltwater @ 1341' Gas shows @ 2293', 3440', & 4741' Oil shows @ 2854' Coal @ none reported

- 1. Notify State Inspector, Bryan Harris, 304-553-6087, 24 hrs. prior to commencing operations.
- 2. RIH check TD.
- 3. TIH perforate 3" tubing from 4700' to 4600' (10 holes).
- 4. TIH tbg to 4700' set 100' C1A cement plug, 4700' to 4600'. (Gas show @ 4741')
- 5. TIH perforate 3" tubing from 4400' to 4300' (10 holes)
- 6. TIH to 4400' set 100' C1A cement plug 4400' to 4300'.
- 7. TIH perforate 3" tubing from 4200' to 4100' (10 holes)
- 8. TIH tbg to 4200', set 100' C1A cement plug 4200' to 4100'. TOOH tbg.
- 9. Free point and cut 3" tubing (EST @ 4050').TOOH tbg.
- 10. Set 100' C1A cement plug 50' in/out of tubing cut.
- 11. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
- 12. TOOH tbg to 3500', set 200' C1A cement plug 3500' to 3300'. (Gas show @ 3440').
- 13. TOOH tbg to 3300', gel hole 3300' to 2900'.
- 14. TOOH tbg to 2900', set 400' C1A cement plug 2900' to 2500'. (Oil show @ 2854', 6 5/8" casing seat). TOOH tbg.
- 15. Free point 6 5/8" casing, cut casing at free point. TOOH casing.
- 16. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
- 17. TOOH tbg to top of casing cut plug, gel hole to 2300'.
- 18. TOOH tbg to 2300', set 100' C1A cement plug 2300' to 2200', (Gas show @ 2293')
- 19. TOOH tbg to 2200', gel hole 2200' to 1700'.
- 20. TOOH tbg to 1700', set 500' C1A cement plug 1700' to 1200'. (Elevation @ 1578', and saltwater @ 1341').
- 21. TOOH tbg to 1200', gel hole 1200' to 1100'.
- 22. TOOH tbg to 1100', set 200' C1A cement plug 1100' to 900'. (8 1/4" casing seat). TOOH tbg.
- 23. Free point 8 1/4" casing, cut casing at free point. TOOH casing.

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- 24. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
- 25. TOOH tbg to top of casing cut plug, gel hole from plug top to 350'. TOOH tbg.
- 26. Free point 10" casing cut casing at free point, TOOH casing.
- 27. If unable to cut and pull 10" casing, TIH and perforate 10" casing, with 3 holes each at 250', 200' 150' 100' and 50'.
- 28. TIH tbg to 350', set 350' C1A cement plug 350' to surface.
- 29. Erect monument with API# and date plugged.

OK Jum

30. Reclaim location, roads to WV-DEP specifications.

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WEST VIRGINIA DEPARTMENT OF MINES

17-097-00081 327700

OIL & GAS DIVISION WELL RECORD

Gos Well

607755	07			" " " " " " " " " " " " " " " " " " " "				Ga	s Woll			
Pormit No. Up Woston S. E.								CASING	פ. חוום	TNG	e	
							10		292	292		
Company			Pittsb	urgh & M. Va. Ga	3 UO.			1/4	1091	1091		
Address			Clarks	burg, W. Va.	ACRES 70			5/8	2630	2630		
Farm			I. M.	19:00-00:00-1	NO GENOM		3	0, 0	4771	4771		
Location				S/E. 4-1								
Woll No.			7755	ELEV. 1578	unts		Pr	ickor -	Botto	om Set		
District			Buckha	nnon - Upshur Co	oney		- '	401.01	Packe			
Surface			Carl I	Conney, Buckhanno Allman, ot al,	Markahire.	J. Vn	. S	ize - 6	-5/8x	3		
Minoral			Roscoo	Allman, or all	OTH KODO AT		De	enth so	t - 40	074		
Commenced				4, 1940								
Completed			70/98/	5, 1940 40 - dopth 4738-	1754 - 80 ats	3 .						
Shot			16/104	the water in 1-1/	4 inch				÷			
Open Flow			50,500) c.f.								
Volume			-	, 0121								
Rock Pressur	e											
Water									,			
										*11	**	
Clay	rd	S	0	80	Sand	wh	h	1395	1439			
Slate		5	80	95	Slr.te	bk	S	1439	1447		*	
Rod Rock	rá	5	95	118	2nd Salt S.	wh	h	1447	1743			
Limo	dk	'n	118		Red Rock	rd	8	1743	1816		12	
Slate	dw	8	146		Lino		h	1816	1827			
Red Rock	rd	8	151	176	Maxon Sand	wh	h		1882			
Lime	dk	h	176	262	Slr.to&Sholls		S	1882	1898			
Limo	dk	h	262	350	Rod Rock	rd	8	1898	1940			
Band	wh	'n	350	372	Limo	dk	h	1948	1972			
Slate	wh	5	372	381	Slato	wh	8	1961 1972				
Lime	dk	h	381	409	Limo	dk	h	1994	2021			
Red Rock	rd	6	÷00	420	Slato	wh	a h	2021	2124			
Line	ak	h	420	433	Nig Limo	wh	h	2124	2241			
Red Rock	1,c	5	433	456	Big Injun	wh	s	2241	2252			
Limo	dk	h	456	474	Slato	wh	h	2252		Sh.G 229	3	
Red Rock	rd	8	474	486	Squaw Sand Slate	wh	S	2298	2308			
Limo	dk	h	-186	525	Boron Sand	wh	h	2308	2422			
Rod Rock	rd	ģ	52 5 547	547 571	Sinto	wh	s	2422	2427			
Lime	dk	ħ	571	591	1001 Sand	wh	h	2427	2535			
Red Rock	rd	8	591	612	Slato	1411	В	2535	2537			
Lime End Rook	dk rd	n s	612	632	Limo '	dr.	h	2537	2555			
Aud Rock Limo	dK	h	632	660	Red Limo	rd	h	2555	2563			
Sinte	wh	5	660	672	Limo	gr	h	2563	2577			
Limo	dk	'n	672	686	Slate	wh	5	2577	2581			
Slate	wh	\$	682	706	Sand	wh	'n	2581	2601			
Limo	dK	h	706	720	Limo	rd	h	2601	26 09			
Slato	lak	5	720	746	Brokon Limo	bk	5	2609				
Red Rock	rd	B	7.16	782	Band	Mp	h	2622	2645		:	
Sinto	Wh	S	782	844	Lime	rd		2645	2650			
Lime	dic	h	844	890	Lime Broken	dk	h	2650	2665			
Slate	YUN	\$	890	934	Snnd	wh	h	2665	2689			
Limo	qK	H	934	1054	Slato	wh	5	2689	2698 2719			
Slate	wh	5	1054	1058	Gordon Sand	17h	h	2698 2719	2726			
B. Dunk. Sd.		ħ	1058	1090	Slato	wh	s h	2726	2765			
Sinto	lept.	8	1090	1095 1135	4th Sand Slato&Sholl:		В	2765	2816			
Lino	gty		1095 1135	1139	5th Sand	wh	h	2816		Sh.01.1	2854	
Slato Lime	wh	s	1139	1162	Sintc&Sholl		9	2874				
Slate	DK DK	\$	1162	1184	Limo	dk	h	3022	3054			
Limu	pk	h	1184	1204	Slaton Sholl:		s	3054				A
Slate	Wh	5	1204	1216	Limo	wh	h	3089	3118			100
Limo	dK	Se la	1216	1243	Slate & Shol				3272			1. 16
1st Salt S	Wh	'n	1243	1351 W J.341.	Lime	dk	h	3272	3329		200	C.
Lime	dk	5	1351	1370 1 Blr.hr.							100	5
Limo	dk	h	137C	1395	CONTI	TUED	TO :	PAGE T	NO		000	1 0
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										-	Hice S	,0-

Pago #2. Permit No. Up-81 WELL RECORD CONTINUED UP5-81

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Gompany Pittsburgh & W. Va. Gas Co. Address Clarksburg, W. Va. Farm I. M. Allman, et ux Acres 70 Well No. 7755
Commenced July 24, 1940
Completed Oct. 25, 1940
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3329
                           3345
Slate&Sholls wh 3
                     3345
                           3431
Limo
            wh h
                                               50/10 W 3/8"
                           3482 Sh. Gas 5440
                     3431
Slate&Shells wh
                     3482
                           3504
             dk h
Lime
                     3504
                           3648
Slate&Sholls wh
             dk h
                     3648
                           3718
Lime
                           3738
Slate&Shells wh
                 1
                     3718
             ak h
                     3738
                           3789
Limo
Slate
             Wh
                B
                     3789
                           3798
             dk h
                     3798
                           3944
Lime
Blate&Sholls wh
                     3944
                           3995
                B
                h
                     3995
                           4099
                                 8.L. 4097
             dk
Limo
Slate&Sholls wh
                 9
                     3099
                           4292
                     4292
             wh bkn
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Lime
Blatc&Shebls wh
                9
                     4331
                           4739
                                 Gas 47-11-4752 16/10 9 3/4"
                     4739
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Bonson Sand bn h
                                 S.L. 4744
Slate
             Wh
                     4761
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             th thy
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                           4786
Lime
                     4786
                           4794
Slate
             wh s
             Wh h
                     4794
                           4806
Lime
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Slate&Sholls Wh
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             wh h
Lime
                     4906
Slato&Shells Wn $
                           4930
                     4930
                           4953
             wh h
Lime
Slate& Sholls wh s
                           4978
                            4978
Total Dopth
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Remarks:

Hole filled with Clay from 4978 - 4774 Wood Plug 4774 - 4771 Present depth 4771

Chick In 13 July

:9700081P Ď

05' 39 Latitude WM. GOCHENOUR - 2 LOWMAN €. G.F. GREEN I. M. ALLMAN ET UX 70 ACRES LUCY QUEEN G. W. GROSE . C.E. QUEEN New Location. & Abandonment

Company Pittsburgh & W.Va. Gas Co Address _ Clarksburg , W.Va. Farm I. M. Allman et ux Acres 70 Lease No. 22638 Well (Farm) No. One Serial No. _ 7755. Elevation (Spirit Level) 1578'VA. Quadrangle Weston S/E. Engineer's Registration No. 1884 78/109 Drawing No. .

["=500'

Date July 1, 1940 Scale_

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

+ Denotes location of well on United States
Topographic Maps, scale 1 to 82,500, latlitude and longitude lines being represented the lines as shown.

- Denotes one inch spaces of original tracing

/2016

WW-4-A	
Revised 6/07	

1) Date: July 12, 2016
2) Operator's Well Number
607755 (I. M . Allman #7755)
3) API Well No.: 47 097 - 00081
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 C	Operator:
	(a) Name	Wayne L. and Linda M. Hinter	Name	None
	Address	258 Smokey Grose Road	Address	
		Buckhannon, WV 26201		
	(b) Name		(b) Coal Owr	ner(s) with Declaration
	Address		Name	Anna L. Weihrer
			!	14532 Roddy Road
			Address	Thrumont, MD 21788
	(a) Name		Name	
	(c) Name Address		Address	
6)	Inspector	Bryan Harris	(c) Coal Less	see with Declaration
٠,	Address	P. O. Box 157	Name	None
	, .aa. 555	Volga, WV 26238	Address	110110
	Telephone	(304) 553-6087	* ************************************	Mark 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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:
By:
Its:
Address:
Permitting Supervisor
Address:
PO Box 280
Bridgeport, WV 26330
Telephone:

Subscribed and sworn before me this
My Commission Expires:

Well Operator:
EQT Production Company
Victoria J.Roark
Permitting Supervisor
Address:
PO Box 280
Bridgeport, WV 26330

Aday of
Aday of
Aday of
Notary Public

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.

STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

1/04/2016

			9700	0 81	P		
Page _	<u>1</u> of	_3					
2) Oper	ator's We	ell Num	ber				
607755(I.M. Allman #7755)							
3) API V	Vell No :	47	097 -	0008	1		

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL & GAS

FLUIDS / CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name:	EQT PRODUCTION COMPANY	J.	OP CODE:	306686
Watershed (HUC 10):		Quadrar	ngle:	Berlin
	ore than 5,000 bbls of water to complete t	he proposed well work?	· · · · · · · · · · · · · · · · · · ·	Yes No_X_
Will a pit be used? Ye If so, please describe anti	s_x_ No	F	er i	
Will a synthetic liner be us			on Fluids	10 1
Proposed Disposal Metho		Is so, what ml.?	20	10 m l
r roposed bisposar wetho		to a completed form WW	(O CDD)	
	Land Application (if selected provide Underground Injection (UIC Permit	· · · · · · · · · · · · · · · · · · ·	-9-GPP)	
X	Reuse (at API Number	Various		
X	Off Site Disposal Permit (Supply fo		cation. See attac	hment)
	O:1 /F 1:	Tr tr o for dioposar for		200000000000000 * 01
Will closed loop system be	e used ? If so, describe:			
Drilling medium anticipate	d for this well? (vertical and horizontal)? A	Air, freshwater, oil based,	etc	
	nat type? Synthetic, petroleum, etc.			
Additives to be used in dri				
	hod? Leave in pit, landfill, remove offsite,			
	lan to solidify what medium will be used? (cerr	nent, Lime, sawdust)		
Landill or offsite	name/permit number?			
Permittee shall provide writte	n notice to the Office of the Oil and Gas of any	load of drill cuttings or associ	ciated waste reject	ed at any
	ility. The notice shall be provided within 24 hou			
where it was properly dispose		,		
1, 2016, by the Office of C	nd and agree to the terms and conditions of	Environmental Protection	n. I understand t	hat the provisions of
the permit are enforceable regulation can lead to enfo	by law. Violations of any term or condition by cement action.	n of the general permit a	nd/or other applic	able law or
form and all attachments t	of law that I have personally examined and hereto and that, based on my inquiry of the	ose individuals immediate	ely responsible fo	r obtaining the
information, I believe that	the information is true, accurate and comp	lete. I am aware that the	re are significant	penalties for
submitting false information	n, including the possibility of fine or impris	onment.		Received
Company Official Sig	nature	1/	Of	fice of Oil & Ga
Company Official (Ty	ped Name) <u>Victoria J Roark</u>			AUG 1 9 2016
Company Official Titl	e Permitting Supervisor - WV			
Subscribed and sworn	before me this	day of Augus	1	,2016
OFFICIAL S	Pelicea Z L	lanstreet	_Notary Public	
My Commission Expire REBECCAL W	NSTREET 4-7	2020		11/04/2010
My Commission Expire	WARGINIA INSTREET 4-7		Notary Public	11/04/2016

			<u>OPERATOR'S W</u> 607755 (I. M . AII	
	D		Color	
Property Boundary		Diversion	////	1//
	Sp	ring	Wet Spot	
Road	0-	>	-6-	
Planned Fence	Drain Pipe with si	ize in inches	Water Way	,
//_/	· 		€ → € −	
Existing Fence	Stream	~	Cross Drain	
Open Ditch	Artificial Filter	Strip	Rock	
	XXX	X	8	
North	Building	Water well	Drill site	
N		W	\oplus	
Pit with Cut Walls	Pit with Compacted	d Walls Area o	f Land Application	of Pit Waste
Proposed Revegetation Treatment: A	cres Disturbed:	± Prevegetation	n pH	
Lime 3 Tons/acr	re or to correct to pH	6.5		
Fertilizer (10-20-20) or equivale			lbs/acre (500 lb	s minimum)
Mulch 2 Tons/acr	re or hydroseed.			*
	SEED MIXTURES			
Area I			Area II	
Seed Type lbs	s/acre	Seed Type		lbs/acre
Red Fescue	40	Red Fescue		15
Alsike Clover	5	Alsike Clover		5
Annual Rye	15			
ATTACL				
ATTACH: Drawing(s) of road, location, pit an	nd proposed area for land	d application.		
Photocopies section of involved 7.				
Plan approved by:	Ham			
Comments:				
			//	
Title: Inspector Field Reviewed? Y Yes	No D	ate: 8-5-	10	
100				

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

Received
Office of OFA Gas
AUG 1 9 2016

Topo Quad: Berlin 7.5' Scale: 1" = 200' Upshur County: Date: August 12, 2016 District: Buckhannon Project No: 39-09-00-09 47-097-00081 WV 607755 (I. M. Allman #7755) Pit Location Map 13/x13/x6 -097-00081 WV 607755 **Existing Well** Access Road NAD 27, South Zone N:742245.19 LEGEND E:2198195.19 PIT-CUT WALLS WGS 84 PIT-COMPACTED WALLS LAT:39.036355 AREA OF LAND APPLICATION OF PIT WASTE LONG:-80.302126 ELEV:1574.41 PREPARED FOR: SURVEYING AND MAPPING SERVICES PERFORMED BY: **EQT Production Company** ALLEGHENY SURVEYS, INC. P.O. Box 280
Bridgeport, WV 26330 Received
Office of Oil & Gas 1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608

11/04/2016

Topo Quad:	Berlin 7.5'	Scale:	1" = 2000'		
County:	Upshur	Date:	June 16, 2016		
District:	Buckhannon	Project No:	39-09-00-09		
4	7-097-00081 WV 6077	755 (I. M.	. Allman ‡	‡7755) <u> </u>	Торо
1500-	1500 1500 1500 1500	150	1,100	1700-	1700
120	(R.18) 1700 47-097-00081	1300 Amo	, Run	1800	7UR
BEAVER TOWARD	WV 607755	18		180	301
To G 2177	Bridge Run. 1500 1700 1700 1700 1700	CR:513	CR 6/1	R. 617 83	1700-
1500	SSATI OGGS 3. 1700	1500°	BRIDGE RUN	NAD 27, SO N:742245.1 E:2198195 WGS 84 LAT:39.030	19 .19 6355
205	Buck		No Brid	LONG:-80. ELEV:1574	
EGHENA O O O O UNCAPPEYS.	SURVEYING AND MAPPING SERVICES PERFORM ALLEGHENY SURVEYS 1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608		ARED FOR: QT Produc P.O. Bridgep	tion Con	pany

WW-7 8-30-06



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

API: 47-097-00081 WELL NO.: WV 607755 (I. M. Allman #7755)
FARM NAME: I. M. Allman, et ux.
RESPONSIBLE PARTY NAME: EQT Production Company
COUNTY: Upshur DISTRICT: Buckhannon - 2
QUADRANGLE: Berlin 7.5' - 245
SURFACE OWNER: Wayne L. and Linda M. Hinter
ROYALTY OWNER: Anna Lee Weihrer, et al.
UTM GPS NORTHING: 4321043
UTM GPS EASTING: 560400 GPS ELEVATION: 480 m (1574 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: Post Processed Differential 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 P5 # 2180 6/22/16 Office 1 132



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT:	EQT PRODUCTIO	N COMPANY	
LEASE NAM	E AND WELL No	I. M. Allman #7755 - WV 607755 - API No. 47-097-00081	

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 221 +/- Owner: Wayne L. & Linda M. Hinter Address: 288 Smokey Grose Rd., Buckhannon, WV 26201 . Comments:	Phone No	
Site: 2 Spacing: 464 +/- Owner: Wayne L. & Linda M. Hinter Address: 288 Smokey Grose Rd., Buckhannon, WV 26201 . Comments:	Phone No	
Site: 3 Spacing: 471 +/- Owner: Wayne L. & Linda M. Hinter Address: 288 Smokey Grose Rd., Buckhannon, WV 26201 . Comments:	Phone No	
Site: 4 Spacing: 471 +/- Owner: Wayne L. & Linda M. Hinter Address: 288 Smokey Grose Rd., Buckhannon, WV 26201 . Comments:	Phone No	
Site: 5 Spacing:512+/- Owner: Wayne L. & Linda M. Hinter Address:288 Smokey Grose Rd., Buckhannon, WV 26201 Comments:	Phone No	od cas
Site: 6 Spacing: 940 +/- Owner: Wayne L. & Linda M. Hinter Address: 288 Smokey Grose Rd., Buckhannon, WV 26201 . Comments:	Phone No.	SCENO 2 3 5016

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 fux: 304-901-2182

Topo Quad:	Berlin 7.5'	Scale:	1" = 2000'	
County:	Upshur	Date:	June 16, 2016	
District:	Buckhannon	Project No:	39-09-00-09	
Water 4	17-097-00081 WV 6077	55 (I. M.	Allman ‡	‡7755) <u> </u>
BEAVER PRIMARY	6 Potential Water So 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1700 Site 2 Site 4 Site 5 Bridge Rule Site 5 Surveying AND MAPPING SERVICES PERFORMS	00081 Prod 7755, Site 1	CR. 611 CR. 611	NAD 27, South Zone N:742245.19 E:2198195.19 WGS 84 LAT:39.036355 LONG:-80.302126 ELEV:1574.41
TEGHEN ON OUT OF THE PARTY OF T	ALLEGHENY SURVEYS, 1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608	and the second s	QT Produc	tion Company b. Box 280 cort, WV 26330 11/04/2016