

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

Monday, January 08, 2018 WELL WORK PERMIT Vertical / Plugging

EQT PRODUCTION COMPANY 625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re:

Permit approval for 1755 47-041-01135-00-00

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: 1755 Farm Name: MONEYPENNY, T. L.

U.S. WELL NUMBER: 47-041-01135-00-00

Vertical / Plugging

Date Issued: 1/8/2018

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.

656796 (Moneypenny #1755)

API Well No.: 47

041 - 01135

STATE OF WEST VIRGINIA **DIVISION OF ENVIRONMENTAL PROTECTION** OFFICE OF OIL AND GAS

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

APPLICATION FOR	A PERMIT TO P	LUG AND	ABANDON
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	APPLICATION FOR A PERMIT TO PLUG AND ABANDON								
4)	Mall Type: Oil	Coo	~	Lie	uid Inicoti	on	Masta Dianas	a al	
	Well Type: Oil				24		Waste Dispos		
	If Gas, Productio	onX	Or Und	aergro	und storag	je	Deep	Shallow	X
5)	Ele	evation: 1258	ft. Water	shed:	Leading C	Creek			
0.50		reemans Creek	County	y:	Lev	wis	Quadrangle:	Vadis 7.5'	
	District:								
6)	14/ 11 0	EQT Production			■)	10 To	ed Agent: Rex C.		
	Well Operator	120 Professiona			-	Address:			
	Address:	Bridgeport, WV	26330		-		Bridgeport, WV 2	16330	
8)					9)		Contractor:		
	Oil & Gas Barry					Name:	HydroCarbon Well S	Service	
	The state of the s	nifer Drive			- 00	Address:	PO BOX 995	0004	
	Address: Bridge	eport, VVV 26330)		•		Buckhannon, WV 2	6201	
	See Attachin	ent for details a	пи ргосеч	uies.					
	or 9	WM FOR	BARRY S	TOLLI	ucs 1	108/201	8		
				OFFICE	E 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								

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PLUGGING PROGNOSIS

Moneypenny, T.L. #1755 (656796) Lewis Co. WV District, Freemans Creek API # 47-041-01135

BY: Craig Duckworth

DATE: 1/27/17

CURRENT STATUS:

10" csg @ 254' 8 1/4" csg @ 1036'

6.5/8" csg @ 2202' (cem 50 sks) $\text{Toc} \approx 1600'$

3" tbg @ 1966' (packer @ 1026')

Elevation @-1148' 1258' PER WW-7

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WV Department of Environmental Protection

TD: 2819' plugged to 2142'

Fresh Water @ 260'-261' Coal @ 260'-261'

Saltwater @ None Reported

Gas shows @ 809', 1510', 1912', 1947'

Oil @ 1841', 2788'

Perforated @ 1947'-1957', 1970'-1978' (Bridged @ 2235'filled with stone & clay to 2175' cemented to 2142')

- 1. Notify State Inspector, Barry Stollings 304-552-4194, 48 hrs. prior to commencing operations.
- 2. Check TD w/wireline
- 3. Attempt to pull 3" w/packer @ 1026' if unable to pull. Run bond log to find freepoint of 3". Gas shows 1947', 1912',1510'& 6 5/8" cem. 50 sks.
- 4. TIH w/tbg to 2142', set 300'C1A cement plug from 2142' to 1842'. (Gas show @ 1947',1912')
- 5. TOOH w/tbg to 1842' gel hole 1842' to 1560'.
- 6. TOOH w/tbg, Free point 6 5/8" csg, cut csg @ free point, TOOH w/csg.
- 7. 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.
- 8. TIH w/tbg to 1560' set 200' C1A cement plug from 1560' to 1360', (6 5/8" csg cut @ 1460'est.
- 9. TOOH w/tbg to 1360' gel hole 1360' to 1200'.
- 10. TOOH w/tbg to 1200', set 200' C1A cement plug 1200' to 1000'. (8 1/4" csg @ (0)) 1036' & elevation @ 1148').

- 11. TOOH w/tbg, Free point 8 1/4" csg, cut csg @ free point, TOOH w/csg.
- 12. 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.
- 13. TIH w/tbg to 1000' gel hole from 1000' to 850'.
- 14. TOOH w/tbg to 850', set 100' C1A cement plug, 850' to 750'. (Gas show @812')
- 15. TOOH w/tbg to 750' gel hole from 750' to 300'.
- 16. TOOH w/tbg to 300', set 300' C1A cement plug, 300' to 0'. (Coal & FW @ 260')
- 17. Erect monument with API#, Date plugged, EQT
- 18. Reclaim location and road to WV-DEP specifications.

NOV 2 2 2017



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION 6

Permit No. LEW-1135	WELL RECOR	D	Oil or	Gas Well GAS
Company Carnegie Natural Gas Company Address 3904 Main Street, Munhall, 1 Farm T. L. Moneypenny Acres	Pa. Casing ar Tubing		Left in Well	Packers
Location (waters) Cline's Run Well No. 1-1755 Elev. District Freemans Creek County Lewis	Size 16		+	Bottom Hole Kind of Packer 8-5/8" x 10-3/4"
The surface of tract is owned in fee by Minnie Mo et al. Route #2.Box 31 ddress Camden, W.	neypenny, 10	254 1036	254 1036	Guiberson Size of Hold Down
Mineral rights are owned by Mary A. Kraus, e Minnie Moneypenny, Atty-in-fact Camden Address Route #2.	t al, 65% W. Va. Box #31 53/16	2202	2202	Depth set 1026'
Drilling commenced February 8, 1963 Drilling completed April 18, 1963	3	1966	1966	Perf. top 1947 Perf. bottom 1957
Date ShotFromTo		<u> </u>		Perf. top 1970
Open Flow 10 /10ths Water in 1/2 / /10ths Merc. in //2 / /10ths Merc. in //2 //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 //2 //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 / //2 //2 / //2 / //2 / //2 / //2 / //2 //2 / //2 / //2 //2 / //2 //2 //2 / //2 //2 / //2 /	Inch CASING C		SIZE	No. FtDate
Oilbbis	, 1st 24 hrs. COAL WAS	EETIN	CHES	FEET 261 INCHES FEET INCHES
WELL FRACTURED May 9, 1963 - 11				
RESULT AFTER TREATMENT 4,287,000 ROCK PRESSURE AFTER TREATMENT 640 Fresh Water Show 260–261 Feet	# - 18 hours			et .

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Fresh Water Sho	ow 260-26	Feet		Salt Water		Feet	
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock	Red	Soft	0	55	``		
Rock	Yellow	Soft	55	115			
Gritty Lime	Dark	Hard	115	130	7.2		¥1 2:
Slate	Gray	Medium	130	150			
Red Rock	Red	Medium	150	170			
Britty Lime	Gray	Hard	170	215			
Slate	Gray	Hard	215	260			
Coal	Black	Soft	260	261	Show water	260-61'	
Slate	Gray	Soft	261	303			
Sand	Gray	Medium	303	336	-		
Slate	Gray	Medium	336	350	1.		
Red Rock	Red	Medium	350	355	-1	12131	100
Sand	Gray	Hard	355	415		01/10/19	13/6
Slate	Gray	Medium	415	435	!	10, Me	
Red Rock	Red	Medium	435	515		1111 10E3	ED 192022
Lime	Gray	Medium	515	580	- 1		IED B
Slate	Gray	Medium	580	605	\{	S RECEIVE	inia 2
Limo	Gray	Medium	605	622			Mines (3)
Red Rock	Red	Medium	622	660	-	West Vin Dept. of	359
Gritty Lime	Gray	Medium	660	680		11500	200
Slate	Gray	Soft	680	682		12829	590-
Sand	Gray	Hard .	682	708			(
Slate	Dark	Medium	708	722	``,		
Sand	Gray	Hard	722	735			Little Dunkard
Slate	Dark	Medium	735	740			
ritty Lime	Gray	Medium	740	748			
Slato	Gray	Medium	748	780			l
Britty Lime	Gray	Hard	780	805	Show Oil		
Sand	Gray	Hard	805		Gas & water	809-121	Big Dunkard
Slate	White	Medium	838	842			-

LEW-1135

Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
Band	Gray	Hard	842	895			Gas Sand
Slate	White	Medium	895	910		• • •	
ino	Gray	Hard	910	998			
Blate	Gray	Hedium	998	1000			3-A S-34 So-4
sand	Cray	Hard	1000	1015	1		lst Salt Sand
JES .	Dark	Hard	1015	1074	1		2nd Salt Sand
sand	Gray	Hard	1074	1090	i		SHO SETO SELE
late	Dark	Medium	1090	1095	,		3rd Salt Sand
Sand	Gray	Hard Wedium	1095 11 7 0	1175), a buzu buzu
late	Dark	Hard	1175	1270	1		
Sand Slate	Dark Dark	Medium	1270	1278			
ritty Lime	Dark	Medium	1278	1305			
Slate	Gray	Medium	1305	1340	[
ine	Dark !	Medium	1340	1443			
and	Gray	Hard	1443	1576	Bubble Gas	1510'	İ
late	Gray	Medium	1576	1585			-
ine	Dark	Hard	1585	1605			İ
lato	Dark	Medium	1605	1615			1
ime	Gray	Hard	1615	1617		•	
and	Gray	Hard	1617	1640			Maxon Sand
Slate	Dark	Kodium	1640	1665			
ime	Gray	Hard	1665	1688.			
ed Rock	Red	Soft	1668	1690			
and	Dark	Hard	1690	1698			
ine	Gray	Medium	1698	1720			
ed Rock	Red	Medium	1720	1741			L
120	Gray	Herd	1741	176h			Little Lime
late	Gray	Medium	176կ	1771		-0	Pencil Cave
ime ent.	Gray	Hard	1771	1879	Show 011	1841.	Big Lime
and	Dark	Hard	1879	1990	Show Gas	1912	Big Injun Sa
Slate	Dark	Medium	1990	2005	Cas	1947-551	
Sand	Light	Kedium	2005	2010			Squaw
Blate	Dark	Soft	2010	2020			
Sand	Dark	Hard	2020	2158			
Slate	Dark	Medium	' 2158 .	2176	i	i	•
Line	Dark	Hard	2176	2205		i	
Slate	Gray	Soft	2205	2238 2265			
Critty Lime	Gray	Hard	2238		ľ		Ì
Slate	Gray	Soft	2265	2275 2290			
Critty Lime	Gray	Hard	2275 2290	2310			į:
Slate	Dark	Medium	2310	2345			
Critty Lime	Dark	Hard Medium	2345	2390			
Slate Shis.	Dark	Hard	2390	2505			
Gritty Lime	Gray	Hard	2505	2510		1	50' Sand
Sand	C ray Dark	Medium	2510	2535	ļ		Ţ.
Slate	Dark Dark	Hard	2535	2542			
Sand		Hard	2512	2560			
Gritty Lime Slate	D ark D ar k	i Kedium	2560	2570	1	1	
Sand	White	Medium	2570	2580]		30' Sand
Slate	Dark	Medium	2580	2586	!		1
Gritty Lime	Dark	Hard	2586.	2665			
Slate	Gray	Medium	2665	2688	ļ		
Lime	Dark	Hard	2688	2725	:	!	
Slate & Shle	•	Medium	2725	2738		ļ	
Sand	White	Hard	2738	2742	1	t .	Cordon
Slate	Dark	Medium	2742	2786	ĺ	1	ļ.,
Sand	Derk	Medium	2786	2794	Show Oil &	2788-901	5th. Sand
Slate	Dark	Medium	2794	2800	gas		
Critty Lime	Dark	Hard	2800	2813			
Slate	Dark	Medium	2813			1	
			9-4-53	2819			į
		Ì	Total	2019	1		ĺ

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NOV 2 2 2017

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APPROVED CARNEGIE NATURAL CAS COMPANY Owner

By (Title) Land Agent.

				. –	1-0H	Э
1	2	3	Latitude	39 °	05 '	
Stone of One of the Stone of th	Sec. Sec.	I top o			ć	Longitude 80 ° 40 '
J. K. woof tor	1006.5. W. 79.62. W. 1006.5.	raores per or s	Stake & ptrs.		45000	
mashe	31. 62. 63 N	Elev-114	0 108 3 08 E15			
New Location . Drill Deeper		Arony Fraus	Reference bridge, mouth 198'	:- Eleve Crooke	ution at a Run	

NOV 2 2 2017

WV Department of Environmental Protection

Company CARNEGIE NATURAL GAS CO.
Address 3904 Main St. Munhall, Penna.
Farm T. L. Moneypenny
Tract Acres_55Lease No. /7/77
Well (Farm) No. One Serial No. 1755
Elevation (Spirit Level)
Quadrangle <u>Vadis</u>
County Lewis District Freemans Cr.
Engineer Mastret 47
Engineer's Registration No. 1227
File NoDrawing No
Date Jan. 24, 1963 Scale 1" 400'
K-E 188 IMPERIAL GOZGO

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

WELL LOCATION MAP

- + 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.

	41-011358
WW-4-A Revised 6/07	 Date: November 9, 2017 Operator's Well Number 656796 (Moneypenny #1755)
STATE OF WEST VIRGINIA - BUI	3) API Well No.: 47 O41 - 01135 State County Permit RECEIVED Office of Oil and Gas
DIVISION OF ENVIRONMENTAL PROT	TECTION OFFICE OF OIL & GAS
NOTICE AND APPLICATION TO	PLUG AND ABANDON WELL NOV 2 2 2017
4) Surface Owner(s) to be served: /	5) (a) Coal Operator: WV Department of Environmental Protection
(a) Name Coastal Lumber Co.	
Address P. O. Box 709	Address
Buckhannon, WV 26201	
(b) Name Jackie and Stephine Flutineer	(b) Coal Owner(s) with Declaration
Address 1538 Klines Run Road	Name Lynn Moneypenny
Alum Bridge, WV 26231	10322 U. S. Hwy 33 W
7.11.11.21.11.25., 1.11.2.2.2.	Address Camden, WV 26338
1	Annual and the state of the sta
(c) Name Nicky and Lisa Sprouse	Name
Address 1922 Klines Run Road	Address
Alum Bridge, WV 26231	
O) Income to a Desire Of Illians	/a) Cool I age with Dodge-lies
6) Inspector Barry Stollings	(c) Coal Lessee with Declaration
Address 28 Conifer Drive	Name None
Bridgeport, WV 26330	Address
Telephone (304) 552-4194	
TO THE PERSONS NAMED ABOVE: You should	d have received this Form and the following documents:
(1) The application to Plug and Abandon a Well on Form	
work and describes the well its and the plugging work (2) The plat (surveyor's map) showing the well location on	k order; and on Form WW-6
	ave rights regarding the application which are summarized in the
instructions on the reverses side. However, you are not re	
Take matical that and an Object of the Mark Marinia	Code the undersimed well exercted presents to file or her
	a Code, the undersigned well operator proposes to file or has uments for a permit to plug and abandon a well with the Chief of
	ronmental Protection, with respect to the well at the location
	he attached Form WW-6. Copies of this Notice, the Application,
	mail or delivered by hand to the person(s) named above (or by
publication in certain circumstances) on or before the day	y 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

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, abdepprivacy officer@wv.gov.

Misty S Christie

1207 Briercliff Rd

Bridgeport, WV 26330

My Commission Expires February 20, 2018

Telephone:

Subscribed and sworn before me this

My Commission Expires:

(304) 848-0076

day of

Notary Public

WW-9 Revised 5/16

Page of			
2) Operator's Well	Num	ber	
656796 (Moneype	enny	#1755)	
3) API Well No.:	47	041 -	01135

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

RECEIVED Office of Oil and Gas

FLUIDS / CUTTINGS DISPOSAL & RECLAMATION PLAN

NOV 2 2 2017

ion

			WV Department of Environmental Protecti
Operator Name:	EQT PRODUCTION COMPANY	OP C	ODE:
Watershed (HUC 10):	Leading Creek	Quadrangle:	Vadis 7.5'
	ore than 5,000 bbls of water to comp		Yes No X
	X_ No	•	
If so, please describe antic		Formation Flui	
Will a synthetic liner be us	ed in the pit? Yes X No	ls so, what ml.?	20 49 ml
Proposed Disposal Method			
		rovide a completed form WW-9-GP	P)
And the same of th	Underground Injection (UIC P)
X	Reuse (at API Number Var)
X	Off Site Disposal Permit (Supp	oly form WW-9 for disposal location.	See attachment)
	Other: (Explain		
Will closed loop system be	used 2 If so describe:		
		tal)? Air, freshwater, oil based, etc.	
	at type? Synthetic, petroleum, etc.		
Additives to be used in dril			
		ffsite, etc.	-
If left in nit and ni	an to solidify what medium will be used?	2 (cement Lime sawdust)	
75 0000000	9 988	(certient, Lime, sawdust)	
Editatiii of officia			
Permittee shall provide written	n notice to the Office of the Oil and Gas	of any load of drill cuttings or associated	I waste rejected at ar
West Virginia solid waste faci	lity. The notice shall be provided within	24 hours of rejection and the permittee s	shall also disclose
where it was properly dispose	d.		
April 1, 2016, by the Office provisions of the permit are law or regulation can lead application form and all att obtaining the information, I	of Oil and Gas of the West Virginia e enforceable by law. Violations of a to enforcement action. achments thereto and that, based of believe that the information is true,	tions of the GENERAL WATER POL Division of Environmental Protection any term or condition of the general part in my inquiry of those individuals immaccurate and complete. I am aware lity of fine or imprisonment.	n. I understand that the permit and/or other applicable nediately responsible for a that there are significant
Company Official Sig	nature	my ff	
Company Official (Ty	ped Name) Victoria J. Roark		
Company Official Title			
Subscribed and sworn My Commission Expire	White A.	74-4	STATE OF WEST VIRGINIA NOTARY PUBLIC MISTY S Christie 1207 Brierchiff Rd Bridgeport, WV 26330 My Commission Expires February 20, 2018
		The same of the sa	My Commission Expires February & 20185

OPERATOR'S WELL NO.: 656796 (Moneypenny #1755)

LEGEND

Property Boundary			
Dood	Spr	ring	Wet Spot
Road =========	0—		4
Planned Fence	Drain Pipe with size	Drain Pipe with size in inches	
///			←→ ←
Existing Fence XXXX	Stream	~ ~	Cross Drain
Open Ditch	Artificial Filter	Strip	Rock
		X	%
North	Building	Water well	Drill site
N —		W	\oplus
Pit with Cut Walls	Pit with Compacted	d Walls Area of	Land Application of Pit Waste
		<u></u>	
	1		
posed Revegetation Treatment: A	cres Disturbed: 1: ons/acre or to correct to pH	± Prevegetation 6.5	on pH
Lime 3 T	ons/acre or to correct to pH		, <u>, , , , , , , , , , , , , , , , , , </u>
Lime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T	ons/acre or to correct to pH	6.5	lbs/acre (500 lbs minimun
Lime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T Area I	ons/acre or to correct to pH ent 1/2 ons/acre or hydroseed. SEED MIXTURES	6.5	lbs/acre (500 lbs minimun
Lime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T	ons/acre or to correct to pH ent 1/3 ons/acre or hydroseed.	6.5	lbs/acre (500 lbs minimun
Lime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T Area I Seed Type Red Fescue	ons/acre or to correct to pH ent 1/3 ons/acre or hydroseed. SEED MIXTURES Ibs/acre 40	6.5 3 ton Seed Type Red Fescue	Ibs/acre (500 lbs minimun Area II Ibs/ac
Lime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T Area I Seed Type Red Fescue Alsike Clover	ons/acre or to correct to pH ent 1/3 ons/acre or hydroseed. SEED MIXTURES Ibs/acre 40 5	6.5 3 ton Seed Type	Ibs/acre (500 lbs minimur Area II Ibs/ac
Lime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T Area I Seed Type Red Fescue	ons/acre or to correct to pH ent 1/3 ons/acre or hydroseed. SEED MIXTURES Ibs/acre 40	6.5 3 ton Seed Type Red Fescue	Ibs/acre (500 lbs minimur Area II Ibs/ac
Lime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T Area I Seed Type Red Fescue Alsike Clover Annual Rye	ons/acre or to correct to pH ent 1/3 ons/acre or hydroseed. SEED MIXTURES Ibs/acre 40 5 15	6.5 3 ton Seed Type Red Fescue Alsike Clover	Area II Ibs/ac 15
Lime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T Area I Seed Type Red Fescue Alsike Clover Annual Rye	ons/acre or to correct to pH ent 1/3 ons/acre or hydroseed. SEED MIXTURES Ibs/acre 40 5 15 15 and proposed area for land application	6.5 3 ton Seed Type Red Fescue Alsike Clover	Area II Ibs/ac 15 5 Office of Oil and Gas
ime 3 T Fertilizer (10-20-20) or equivale Mulch 2 T Area I Seed Type Red Fescue Alsike Clover Annual Rye ATTACH: Drawing(s) of road, location, pit ar	ons/acre or to correct to pH ent 1/3 ons/acre or hydroseed. SEED MIXTURES Ibs/acre 40 5 15 15 and proposed area for land application	6.5 3 ton Seed Type Red Fescue Alsike Clover	Area II Ibs/ac 15
ime 3 T Fertilizer (10-20-20) or equivaled Mulch 2 T Area I Seed Type Red Fescue Alsike Clover Annual Rye ATTACH: Drawing(s) of road, location, pit are Photocopies section of involved 7. Plan approved by:	ons/acre or to correct to pH ent 1/3 ons/acre or hydroseed. SEED MIXTURES Ibs/acre 40 5 15 15 and proposed area for land application	Seed Type Red Fescue Alsike Clover	Area II Ibs/ac 15 5 Office of Oil and Gas
ime 3 T Fertilizer (10-20-20) or equivaled Mulch 2 T Area I Seed Type Red Fescue Alsike Clover Annual Rye ATTACH: Drawing(s) of road, location, pit are Photocopies section of involved 7. Plan approved by:	ons/acre or to correct to pH ent 1/2 ons/acre or hydroseed. SEED MIXTURES Ibs/acre 40 5 15 ond proposed area for land application 5' topographic sheet.	Seed Type Red Fescue Alsike Clover	Area II Ibs/ac 15 5 Office of Oil and Gas NOV 2 2 2017

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 Oil and Gas

NOV 2 2 2017

RECEIVED
Office of Oil and Gas Vadis 7.5' 1" = 500' Topo Quad: Scale: NOV 2 2 2017 Lewis October 25, 2017 County: Date: WV Department of Environmental Protection Freemans Creek District: Project No: 73-12-00-08 Highway 47-041-01135 WV 656796 (Moneypenny #1755) Pit Location Map 119 NAD 27, South Zone N:731,469.51 E:2,091,407.85 47-041-01135 Run WV 656796 WGS 84 LAT:39.008378 LONG:-80.678175 **Existing Well** ELEV:1258.23 **Access Road** LEGEND Run Proposed Pit Location SURVEYING AND MAPPING SERVICES PERFORMED BY: PREPARED FOR: ALLEGHENY SURVEYS, INC. **EQT Production Company** P.O. Box 280 1-800-482-8606 237 Birch River Road Bridgeport, WV 26330

Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608

Topo Quad:	Vadis 7.5'	Scale:	1" = 400'	Office of Oil and Gas
County:	Lewis	Date:	October 25, 20	NOV 2 2 2017
District:	Freemans Creek	Project	No: 73-12-00-08	WV Department of Environmental Protection
4	7-041-01135 WV	/ 656796 (M	loneypenny	#1755) Topo
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Slee	ths p			NAD 27, South Zone N:731,469.51 E:2,091,407.85
LEGEND				WGS 84
Proposed Pit I	Location			LAT:39.008378 LONG:-80.678175 ELEV:1258.23
VEGHE	SURVEYING AND MAPPING SERV		PREPARED FOR:	otion Comment
NEVEYS, IV	ALLEGHENY SUI 1-800-482-860 237 Birch River I Birch River, WV : PH: (304) 649-8 FAX: (304) 649-8	06 Road 26610 606	P.	ction Company O. Box 280 port, WV 26330

RECEIVED Office of Oil and Gas Vadis 7.5' Topo Quad: Scale: 1" = 2000' NOV 2 2 2017 County: Lewis Date: October 25, 2017 WV Department of Environmental Protection Freemans Creek 73-12-00-08 District: Project No: Topo 47-041-01135 WV 656796 (Moneypenny #1755) KLIENS RUN RO 47-041-01135 WV 656796 NAD 27, South Zone N:731,469.51 E:2,091,407.85 **WGS 84** LAT:39.008378 LONG:-80.678175 ELEV:1258.23 SURVEYING AND MAPPING SERVICES PERFORMED BY: PREPARED FOR: ALLEGHENY SURVEYS, INC. **EQT Production Company**

EGHE 10 OUT TO THE TO T

1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608 P.O. Box 280 Bridgeport, WV 26330

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POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY		
LEASE NAME AND WELL No. Moneypenny #1755 WV 656796 47-041-01135		
· ·		
POTENTIAL SAMPLE LOCATIONS		
TOTENTIAL SAMI LE LOCATIONS		
Site: 1 Spacing: 968 +/- Owner: Bruce and Marilyn Kidd		
Address: 500 West Virginia Avenue, Clarksburg, WV 26301 . Phone No.		
Comments:		

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 fix: 304-848-5037 ALUM CREEK OFFICE P.O. Box 108 • 1413 Childress Rd

20. Box 108 • 1413 Childress R 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

RECEIVED Office of Oil and Gas Vadis 7.5' Topo Quad: 1" = 2000' Scale: NOV 2 2 2017 Lewis October 25, 2017 County: Date: WV Department of Environmental Protection District: Freemans Creek Project No: 73-12-00-08 Water 47-041-01135 WV 656796 (Moneypenny #1755) 1 Potential Water Source within 1000' Rock Grove 47-044-01135 ☐ Cem WV 656796 Site 1 NAD 27, South Zone N:731,469.51 E:2,091,407.85 WGS 84 LAT:39.008378 LONG:-80.678175 ELEV:1258.23 SURVEYING AND MAPPING SERVICES PERFORMED BY: PREPARED FOR: ALLEGHENY SURVEYS, INC. **EQT Production Company** P.O. Box 280 1-800-482-8606

Bridgeport, WV 26330

237 Birch River Road

Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608

WW-7 8-30-06



NOV 2 2 2017

WV Department of Environmental Protection

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

API: 47-041-01135 WELL NO.: WV 656796 (Moneypenny #1755)			
FARM NAME: T. L. Moneypenny			
RESPONSIBLE PARTY NAME: EQT Production Company			
COUNTY: Lewis	DISTRICT: F	Freemans Creek	
QUADRANGLE: Vadis 7.5'			
SURFACE OWNER: Coastal Forest Resource Company			
ROYALTY OWNER: Brence C. Linger, et al.			
UTM GPS NORTHING: 4317756			
UTM GPS EASTING: 527864	GPS ELEVATIO	DN: 383 m (1258 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.			
State Obrom P	75# Z180 Title	10/31/17	
Signature	THE	, Dake	