06/02/2017

## State of West Virginia Department of Environmental Protection - Office of Oil and Gas Well Operator's Report of Well Work

API 47 - 103 _ 0	2963 County Wet	zel	District Magnolia	
Quad Porters Falls	Pad Name Tr		Field/Pool Name Mar	у
Farm name Tracy, Mary J			Well Number #6H	
	the OOG) Stone Energy ont Dr Suite 201 City		State WV	Zip 26508
Тор	hole Northing 4,385,519		riew, and deviation survey Easting 520,392	
Landing Point of C Bottom I	and the second s		Easting TBD - Only Top Hole Date TBD - Only Top Hole D	
Elevation (ft) 1101	GL Type of W	ell <b>■</b> New □ Exis	ting Type of Report	Interim
Permit Type   Deviated	d 🗆 Horizontal 🗂 Hor	rizontal 6A 🛮 🗆 Vo	ertical Depth Type	Deep   Shallow
Type of Operation □ Conv	ert 🗆 Deepen 💄 Drill	□ Plug Back	□ Redrilling □ Rework □	Stimulate
Well Type □ Brine Dispos	al □ CBM	Secondary Recove	ery 🗆 Solution Mining 🗆 Stora	ge 🗆 Other
Type of Completion □ Sin	gle   Multiple Fluids P	roduced 🗆 Brine	□Gas □ NGL □ Oil □	Other
Drilled with □ Cable ■	Rotary			
Production hole Air and Mud Type(s) and Additive(		Brine	nediate hole ■ Air □ Mud	
	10		PAC, foamer, corrosion inh	
Date permit issued12/1		commenced10/	Co.	
Date completion activities b		Date comple	Granted by Granted by	CEIVED f Oil and Gas
Please note: Operator is rec	uired to submit a plugging ap	oplication within 5 c	MAR lays of verbal permission to plus WV Dec	3 2017
Freshwater depth(s) ft	120	Open mine(s)	(Y/N) depths Environmen	lartment of
Salt water depth(s) ft	None Reported	Void(s) encou	intered (Y/N) depths	Notection
Coal depth(s) ft	904	Cavern(s) end	ountered (Y/N) depths	N
Is coal being mined in area	APPR	OVE		Reviewed by:
	NAME: Sen. DATE: 5-25-1	n K		06/02/201

API 47- 103	02963	Farm n	<sub>ame_</sub> Tracy, Ma	ary J. Livir	ng Trust	Wel	II number_#6I	Η	
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)		ent circulate (Y/N) de details below*
Conductor	24"	20"	90' KB / 80' GL	New	LS -	94 ppf		N - GTS	
Surface	17.5"	13.375"	1085' KB / 1075' GL	New	J55 -	54.5 ppf	100' & 200'		Y - CTS
Coal	17.5"	13.375"	1085' KB / 1075' GL	New	J55 -	54.5 ppf	100' & 200'		Y - CTS
Intermediate 1	12.25"	9.625"	2424' KB / 2414' GL	New	J55 -	- 36 ppf			Y - CTS
Intermediate 2									
Intermediate 3									
Production									
Tubing									
Packer type and de	pth set								
Comment Details	Circulated 30 bbls	cement to surface on t	he 13.375" casing strin	g. Circulated 25	bbis cement	lo surface on ti	he 9.625" casing stri	ng.	
CEMENT	Class/Type	Numb			Yield	Volume			woc
DATA Conductor	of Cement Type 1	of Saci	ks wt (pp 15.6		1 <sup>1</sup> /sks) 1.18	(ft <sup>3</sup> ) 40	Top (N Surfa		(hrs) 24+
Surface	Class A	850			1.18	1003	Surfa		8
Coal	Class A	850		<del></del>	1.18	1003	Surfa		8
Intermediate 1	Class A	815	15.6		1.21	986	Surfa	-	8
Intermediate 2		1 3.0							
Intermediate 3					-				
Production							-		
Tubing							-		
Drillers TD (ft) Deepest format Plug back prod Kick off depth	tion penetrated cedure	Devonian Shale		Loggers T Plug back					
Check all wirel	` /	□ caliper □ neutron	□ density □ resistivity		ed/direction		induction temperature	□sonic	2
Well cored	Yes 🖪 No	Conventi	onal Sidev	wall	W	ere cutting	s collected	Yes I	I No
DESCRIBE TH	IE CENTRAL	IZER PLACEM	ENT USED FO	R EACH C	ASING ST	TRING s	urface casing has bo	ow spring ce	ntralizers placed on
joints 2, 6, 10, 14, 18 a	and 22. Intermediate ca	asing has bow spring cer	ntralizers placed on joints	4, 8, 12, 16, 20, 2	4, 28, 32, 36 aı	nd 40.			
WAS WELL C	OMPLETED A	AS SHOT HOLI	E 🗆 Yes 🖪	No Di	ETAILS				
WAS WELL C	OMPLETED (	OPEN HOLE?	□ Yes ■ N	o DET	AILS _	-			
WERE TRACE	ERS USED 🗆	Yes A No	TYPE OF TI	RACER(S)	USED				

Page	3	of
------	---	----

WR-35 Rev. 8/23/13

API 47- 103 - 02963

Farm name Tracy, Mary J. Living Trust

\_Well number\_#6H

## PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
					1
		_			
			-		

Please insert additional pages as applicable.

## STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
			_					
		*	,-					
			<del></del>					
<u> </u>								
-								
					<del></del>			
		_						

Please insert additional pages as applicable.

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry