WR-35 Rev (5-01) **DATE: 1/17/12**

API#: 47-039-06301

State of West Virginia **Department of Environmental Protection** Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Phyllis Moffatt

Operator Well No.: 1

LOCATION: Elevation: 1139'

Quadrangle: Big Chimney - 7.5'

County: Kanawha District: Elk 7920' Feet West of 81 Deg. 30 Min. 0.0 Sec. Latitude:

Longitude 14390' Feet South of 38 Deg. 30 Min. 0.0 Sec.

Company: Schultz Run Gas Company

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 300 Capitol Street, Suite 1500				
Charleston, WV 25301	13 3/8"	40'	1 Joint	To surface
Agent: Pete Pauley				•
Inspector: Terry Urban	9 5/8"	640'	640'	To Surface
Date Permit Issued: July 21, 2011				
Date Well Work Commenced: 8/30/11	7"	2123'	2123'	To Surface
Date Well Work Completed: 9/15/11				
Verbal Plugging:	4 ½"	4716'	4716'	153 sks
Date Permission granted on:				
Rotary X Cable Rig				1
Total Depth (feet): 4716				1
Fresh Water Depth (ft.): N/A				<u> </u>
Salt Water Depth (ft.): 1200'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.):				

OPEN FLOW DATA

Pro	ducing	formation:	Huro	n Shale Pay	v zone de	oth (f	t) 3952'	- 4370°

Static rock Pressure 700#'s psig (surface pressure) after 24

Gas: Initial open flow: TSTM MCF/d Oil: Initial open flow Bbl/d

Bbl/d Final open flow 85 MCF/d (Comingled) Final open flow Office of Oil & Gas 24 Time of open flow between initial and final tests Hours

Hours

JAN 2 3 2012

Bbl/d/ Department of

Second producing formation: Lower Huron Pay zone depth (ft) 4430'-4440'

Gas: Initial open flow TSTM MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 85 MCF/d (Comingled) Final open flow 0

Time of open flow between initial and final tests 24

Hours Environmental Profe-Static rock Pressure 700 #'s psig (surface pressure) after 24

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS,

INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:

Bv:

			Moffatt #1	47-039-0630)1		
			Schultz Run (Gas Company			
		 			OIL - GAS		
FORMATION	COLOR	TOP	BOTTOM	THICKNESS	OR WATER	DEPTH	REMARKS
Sand & Shale		0	520	520			ļ
Sand & Shale		520					-
Sand & Shale		630				 	
		673		85		j 	
Sand Sand & Shale		758				: !	ļ
		788	890				<u> </u>
Sand Sand & Shale		890					
Salt Sand		955					
Shale		1020				<u> </u>	
Salt Sand		1250	<u> </u>			: :	
		1514	1573		VValer/Large 3/3	! !	ļ
Shale		1573	J		Water		<u> </u>
Maxton Sandstone			i		vvalei	i 	
Little Lime		1788					ļ
Pencil Cave		1812		167		ļ	}
Big Lime		1820					
Keener Sandstone		1987					
Shale		2000	i				+
Injun Sandtone (Shaley)		2006				i 	ļ
Weir Shells	_	2043	·		7" set @ 2123'		
Sunbury Shale		2394	J				
Berea Shells		2413	2527	114		ļ	
Gray Shale		2527	3620				
Upper Huron		3620					.
Lower Huron		4018	<u> </u>	J		ļ 	
Shale		4450	4734	284	TSTM		
Total Depth			4734				
	Stage 1	4488-4478	10 holes	Frac w/ 1 080 28	6 SCF N2; 20,000#'s	24/40 Sand	
Perfs	Stage 1	4452-4446			Quality Foam Frac	_	
		4440-4430		Treating Pressure	e= 2099#'s, Breakdo	wn 3133#'s	
		14440-4430	10 Holes	Treating 1 1635un	2000# 3, Dicardo	10100#3	<u> </u>
		Plug set @ 4	390				
	Stage 2 3952-4360 26 holes Fr		: Frac w/ 888,529 SCF N2; 55,000#'s 24		: 4/40 Sand		
	<u></u>	1		Spot w/ Acid - 85 Quality Foam Frac Treating Pressure= 1936#'s, Breakdown		!	-
	1	1	<u> </u>			wn 1880#'s	!
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