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the information is true, accurate, and complete

Signature

## State of West Virginia

## Department of Environmental Protection

Office of Oil and Gas

Well Operator's Report of Well Work

DATE: DEC 2 0 2011

API No: 47-001-03149H

Lease No: 77232

Farm Name: WARDER, MARY MORRIS			Operator W	Operator Well No. PHL1CHS (405837)				
LOCATION	l: Elevation: 1324	Qu	Quadrangle: Philippi					
District: Pleasant			County	County: Barbour				
Lati	tude: 6,145	Feet South of:	39 Deg. 12	2 Min.	30 Sec.	Control and the state of the st		
Longi	tude: 5,230	Feet West of:	80 Deg. 0	0 Min.	00 Sec.			
		to control						
Company:	: CNX Gas Comp	any LLC formerly	Consol Gas Cor	npany				
•		THE PART HAVE A MANAGEMENT AND	Casing and	Used in	Left in well	Cement fill		
			Tubing	drilling		up Cu. Ft.		
Address:	P.O. Box 1248							
	Jane Lew, WV 26	378	[					
Agent:	Kent Wright		The state of the s					
Inspector:	Bryan Harris				J. J	1		
Date Perm	it Issued: 0	6/23/2010			The state of the s	:		
Date Well	Work Commenced:		20"	301'	301'	666 sks		
Date Well	Work Completed:	08/13/2011						
Verbal Plu		and Santana and the American Advisor and the Santana Advisor Santana and the S	13 3/8"	667'	667'	600 sks		
Date Perm	ission granted on:					THE IN COUNTY OF THE PROPERTY		
Rotary	Cable	Rig X	9 5/8"	2070'	2070'	660 sks		
	ical Depth (feet):	7,462'						
	sured Depth (feet);		5,5"	12351'	12351'	503 bbls		
		130', 154', 164', 180',	273', 310', 340', 1	850', 893', 8	98'			
		N/A				 		
	ng mined in area (N		1	ļ	·			
	AMERICA	154', 164'-168', 180'-	184'					
Void(s) en	countered (N/Y) De	pth(s)		· · · · · · · · · · · · · · · · · · ·		<u> </u>		
OPEN FL	OW DATA							
Produci	ng formation MARO	OEL LLIG		_				
Gas: Ini	tial production	<u>-</u>	ACF/d		ne depth (ft) 72 al open flow	282'-12351' 0Bbl/d		
Gas: Ini Fi	tial production	- N 2784 N	/CF/d	Oil: Initia		0 Bbl/d 0 Bbl/d		
Gas: Ini Fi	tial production	- N 2784 N ween initial and final	/CF/d	Oil: Initia	d open flow	0 Bbl/d		
Gas: Ini Fi Ti	tial production	- N 2784 N	ACF/d tests	Oil: Initia	al open flow	0 Bbl/d 0 Bbl/d 12 Hours		
Gas: Ini Fi Ti Initial F Second I	tial production inal open flow ime of open flow between flowing Pressure	- N 2784 N ween initial and final	ACF/d tests	Oil: Initia Fina (surface pro	al open flow	0 Bbl/d 0 Bbl/d 12 Hours		
Gas: Ini Fi Ti Initial F Second I	itial production inal open flow ime of open flow bet	- N 2784 N ween initial and final 800	ACF/d tests	Oil: Initia Fina (surface pro	al open flow al open flow essure) after e depth (ft)	0 Bbl/d 0 Bbl/d 12 Hours 12 Hours		
Gas: Ini Fi Ti Initial F Second I Gas: Init	tial production inal open flow ime of open flow between flowing Pressure	- N 2784 N ween initial and final 800	ACF/d testspsig	Oil: Initia Fina (surface pro	al open flow al open flow essure) after e depth (ft)	0 Bbl/d 0 Bbl/d 12 Hours 12 Hours		
Gas: Ini Fi Ti Initial F  Second I Gas: Init Fi	tial production inal open flow ime of open flow bet clowing Pressure Producing formation tial open flow nal open flow	- N 2784 N ween initial and final 800	MCF/d testspsig MCF/d MCF/d	Oil: Initia Fina (surface pro	al open flow al open flow assure) after e depth (ft)	0 Bbl/d 0 Bbl/d 12 Hours 12 Hours  * Bbl/d * Bbl/d		
Gas: Ini Fi Tri Initial F  Second I Gas: Init Fin	tial production inal open flow ime of open flow bet clowing Pressure Producing formation tial open flow nal open flow	- N 2784 N ween initial and final 800	MCF/d  MCF/d  MCF/d  MCF/d ests	Oil: Initia Fina (surface pro	e depth (ft) l open flow	0 Bbl/d 0 Bbl/d 12 Hours 12 Hours		

8 4 1/4"

Date

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Page 2 of 2			WELL: III		3 (40383)	<b>/)</b>						
Were core	samples ta	ken? Yes No_	X Were	cutting	gs caught	during drilling	? Yes X	No				
Were Electrical, Mechanical, X or Geophysical logs recorded on this well?												
NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.												
PERFORA	TED INT	ERVALS, FRACTURI	NG. OR STIM	ULATI	NG:							
		GE 1/14. PERFED MARCE				-						
	SAND 312,340#, 82 BPM AVG, 90 BPM MAX, ATP 8230 PSI, FR 0.5 GPT.											
	RACED STAGE 2/14. PERFED MARCELLUS @ 11758'-12000' W/ 40 SHOTS.											
		0#, 58 BPM AVG, 77.5 BPM										
8/3/2011 I	RACED STA	AGE 3/14. PERFED MARCE	LLUS @ 11458'-11	700' W/ 6	OSHOTS, S	SAND 329,460#, 72	BPM AVG, 95.	5 BPM MA	X, ATP 8224 PSL			
		AGE 4/14. PERFED MARCE 0#, 85 BPM AVG, 95 BPM N										
		AGE 5/14. PERFED MARCE										
		0#, 59 BPM AVG, 71 BPM N	•		ov sno is.							
		AGE 6/14. PERFED MARCE			0.SHOTS.							
		0#, 76 BPM AVG, 90 BPM N										
		AGE 7/14. PERFED MARCE										
	FRACED STAGE 8/14. PERFED MARCELLUS @ 9958'-10200' W/ 60 SHOTS.											
		AGE 9/14. PERFED MARCE										
		AGE 10/14. PERFED MARCI										
	FRACED STAGE 11/14. PERFED MARCELLUS @ 9058'-9300' W/60 SHOTS. FRACED STAGE 12/14. PERFED MARCELLUS @ 8758'-9000' W/60 SHOTS.											
		AGE 13/14. PERFED MARCI										
		0#, 98 BPM AVG, 102 BPM										
		AGE 14/14. PERFED MARCI										
		0#, 94 BPM AVG, 101 BPM										
		COUNTERED:										
Fill	0	10	Clay	10	30		Coal	30	35			
Sand/Shale	3.5	50	Sand	50	150		Coal	150	154.			
Sand/Shale	154	164	Coal	164	168		Sand	168	180			
Coal.	180	184	Sand	184	190		Sand/Shale	190	200			
Sand RedRock/Shale	200	553	RedRock	553	570		Sand	570	580			
Sand/Shale	580 770	595 974	Sand/Shale Big Lime	595 974	745		Sand	745	770			
Sand/Shale	1175	1345	Sand	974 1345	1039 1437		Big Injun Sand/Shate	1039	1175			
Sand	1512	1530	Sand/Shale	1530	1545		Sand	.1437 1545	1512 1570			
RedRock/Shale	1575	1590	Sand/Shale	1590	1612		RedRock/Shale	1612	1669			
Shale	1669	1704	RedRock/Shale	1704	1980		Sand/Shale	1980	2300			
Warren	2300	2338	Shale/Sand	2338	2622		Speechley	2622	2656			
Shale/Sand	2656	2860	Bailtown	2860	2871		Shale/Sand	2871	3091			
Bradford	3091	3154	Shale/Sand	3154	3470		Riley	3470	3624			
Shale/Sand	3624	3771	Benson	3771	3831		Shale/Sand	3831	3995			
1st Etk Shale/Sand	3995 4208	4053 4375	Shale/Sand 3rd Elk	4053	4152		2nd Elk	4152	4208			
4th Elk	4677	4706	Shale/Sand	4375 4706	4433		Shale/Sand	4433	4677			
		A felter commence de com est commence de competente militar en manuer infamente inferência.	GAMMA	4700		and district the second second second second second	11					
			RAY /									
	FORMATION #PHL1CHS (405837) TOPS 47-001-03149											
	EOBLASTION	3/D AT CHREADE LACATION	TOP	BASE	<u> </u>		· · · · · · · · · · · · · · · · · · ·					
	·	VD AT SURFACE LOCATION GGED UNTIL KICKOFF POINT			<u> </u>							
	BURKETT	A Market Land	7026	7060								
	TULLY		7060	7126	J				-			
	HAMILTON MARCELLUS	A CONTRACTOR OF THE CONTRACTOR	7126 7282	7277	i	are to reference out to a second of the seco						
	LTD	The state of the s	12330	a secretaria				02/16	2/2012			