DATE: 11/15/11 API #:47-5101365

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

Well Operator's Report of Well Work

Farm name: CNX GAS COMPANY LLC Operator Well No.: SHL-3A-HS					
LOCATION: Elevation 1290'	Quad	lrangle: MA	JORSVILLE		
District: SANDHILL County MARSHALL Latitude: Feet South of 39 Deg. 58 Min. 16.49 Sec. Longitude Feet West of 80 Deg. 33 Min. 23.95 Sec.					
Company: CNX Gas Company LLC	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Address: 200 Evergreene Drive					
Waynesburg, PA 15370					
Agent: Ben Geary					
Inspector: Derek Haught					
Date Permit Issued: 11/01/2010	200				
Date Well Work Commenced: 06/11/2011	20"	40'	40'	Grouted in	
Date Well Work Completed: 11/7/2011	10.0/01	1000			
Verbal Plugging N/A	13 3/8"	1002'	1002'	161 bbls	
Date Permission granted on: 11/01/2010	0.7/00				
Rotary X Cable Rig	9 5/8"	3118'	3118'	258 bbls	
Total Depth (feet): 3160'					
Fresh Water Depth (ft.): 200'			-w-n.		
Salt Water Depth (ft.):					
Sait water Depth (it.):			· · · · · · · · · · · · · · · · · · ·		
Is coal being mined in area (N/Y)? Yes		****			
Coal Depths (ft.) 660'-665'					
Coar Depths (1t.)				l	
OPEN FLOW DATA				Fig. 17 or 12 the graph	
			**************************************	Received Park Gas	
Producing formation	Pay zone der	oth (ft)			
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d					
Final open flow MCF/d Final open flow Bbl/d					
Time of open flow between initial and final tests Hours					
Static rock Pressurepsig (surfa	ce pressure) a	fter Ho	urs		
	.			iolica	
Second producing formation Pay zone	e depth (ft)				
Gas: Initial open flow* MCF/d Oil:		ow *	Bbl/d		
Final open flow* MCF/d Final open flow* Bbl/d					
Time of open flow between initial and final tests* Hours					
Static rock Pressure*psig (surface pressure) after* Hours					
*Commingled with previous formations					
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 V	WELLBORE.	press tesso with	to be take high		
Signed: Bur 2					
			, s		
By: Ben Geary Date: 11-16-11		24 2 %			

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Rev (5-01)

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Were core samples taken? Yes / No Were cuttings caught during drilling? Yes / No

Were Electrical Yes / No, Mechanical Yes / No, or Geophysical logs Yes / No recorded on this well?

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR

PHYSICAL CHANGE, ETC.

2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

PERFORATED INTERVALS, FRACTURING, OR STIMULATING:

FORMATIONS ENCOUNTERED:

GAMMA RAY /FORMATION TOPS

FORMATION

TOP

BASE

Depths Determined By Drillers Log

Depth	Formation		
79	SH SH		
265	SD SH LM		
358	SD SH LM RR		
547	SD SH LI		
610	SH SA		
660	Pittsburgh Coal		
671	SA SH LI		
828	SD SH LM		
859	SD SH LM RR		
952	RR		
984	RR SD SH LM		
1112	Mahoning Coal		
1107	RR SD SH LM		
1139	SD SG LM RR		
1389	Gas Sand Top		
1453	Gas Sand Base		
1484	SD SH LM		
1485	1st Sait Sand Top		
1493	1st Salt Sand Base		
1590	2nd Sait Sand Top		
1610	SL S SH SS		
1642	SA SH		
1645	2nd Salt Sand Base		
1678	3rd Salt Sand Top		
1719	3rd Salt Sand Base		
1740	Maxton Top		
1743	SA SH RR		
1774	SA SH		

	I
1820	Maxton Base
1824	Big Lime Top
1837	SD
1857	Big Injun Top
1900	SA LM
1986	LS TRC SS
2043	Big Injun Base
2080	SS TRC SH
2144	SH SLTST SS
2268	SLTST SS
2331	SLTST SH
2339	Berea Top
2356	Berea Base
2392	Gantz Top
2426	SS SH TRC SLTS
2440	Gantz Base
2458	SS SH
2696	SH SLTST
2758	Gordon Top
2758	SH SIL
2776	Gordon Base
2868	Fifth Top
2899	Fifth Base
3160	SD SH

Formation Prog Tops Actual Driller Samples

Intermediate Bond Log