

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

Well Operator's Report of Well Work

Farm name: Consolidation Coal Company Operator Well No.: MC-22

LOCATION: Elevation: 1330.62 Quadrangle: Cameron
District: Liberty County: Marshall
Latitude: 39 Feet South of 50 Deg. 00 Min. Sec.
Longitude: 80 Feet West of 30 Deg. 00 Min. Sec.
Company: CNX Gas Company, LLC

	Casing & Tubing	Used in drilling	Left in well	Cement Fill Up (# of Sacks)
Address: 2481 John Nash BLVD	13 3/8"		41'	Sanded In
Bluefield Wv 24701	9 5/8"		350'	130 sks 3% Cal Chloride
Agent: Les Arrington	7"		1154.70'	100 SKS STD 3 % CAL CHL.
Inspector: Bill Hendershot				
Date Permit Issued: 12/3/2008				
Date Well Work Commenced: 2/9/09				
Date Well Work Completed: 2/12/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable <u>Rig</u>				
Total Depth (feet): <u>240' 1180' L.B.</u>				
Fresh Water Depth (ft.): 290'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 821, 923'				

OPEN FLOW DATA

Producing formation Pittsburgh depth (ft) 923'
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 Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (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 Pressure _____ psig (surface pressure) after _____ Hours

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.

Gas Well DOE MC22 (API No. 47-5101174) is a horizontal well for CNX Gas Company, LLC. Refer to the attached information for additional information.

Signed By: [Signature] District Drilling Manager
Date: 2/24/13

03/01/2013

51-01174

Attachment A

Marshall County CBM well No. MC-22 Drill Log

API #47-051-01174

Depth	Description
0'-6'	Fill
6'-20'	Clay
20'-25'	Loose Shale
25'-31'	Shale
31'-38'	Sand & Shale
38'-140'	Sand
140'-200'	Sand & Shale
200'-260'	Sand
260'-375'	Shale
375'-460'	Sand & Shale
460'-810'	Sand
810'-900'	Sand & Shale
900'-927'	Pitt. Coal
927'-933'	Shale
933'-970'	Sand & Shale
970'-1110'	Shale
1180'	TD

03/01/2013