

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

Well Operator's Report of Well Work

Farm name: ELIZABETH MILLER HEIRS Operator Well NO.: Miller #1

LOCATION: Elevation: 1075 Quadrangle: ARNOLDSBURG

District: SPENCER County: ROANE
 Latitude: 4475 Feet South of 38 Deg. 47 Min. 30 Sec.
 Longitude 6225 Feet West of 81 Deg. 12 Min. 30 Sec.

Company: BOGGS NATRUAL GAS, FLP

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>1248 CHARLESTON ROAD</u>	<u>9 5/8</u>	<u>1058</u>	<u>1058</u>	<u>SURFACE</u>
Agent: <u>JEFFERY C. BOGGS</u>	<u>7"</u>	<u>2306</u>	<u>2306</u>	<u>1500'</u>
Inspector: <u>ED GAINER</u>				
Date Permit Issued: <u>5/52003</u>	<u>4 1/2</u>	<u>6222</u>	<u>2722</u>	<u>3500'</u>
Date Well Work Commenced: <u>6/24/03</u>				
Date Well Work Completed: <u>2/20/04</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary XX Cable Rig				
Total Depth (feet): <u>6251</u>				
Fresh Water Depth (ft.): <u>90'</u>				
Salt Water Depth (ft.): <u>1890'</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.):				

OPEN FLOW DATA

Producing formation BIG INJUN Pay zone depth (ft) 2150-2180
 Gas: Initial open flow 100 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 1800 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests 24 Hours
 Static rock Pressure 570 psig (surface pressure) after 24 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.

Signed: [Signature]
 By: JEFFERY C BOGGS
 Date: 3/25/04

0	1058'	Sand/shale	bedrock
1058	1250'	shale	
1250	1400'	sand	
1400	1450	shale	
1450	1515	sand	
1515	1790	shale	
1790	1990	salt sand	1" Salt Water
1990	2050	LittleLime	
2050	2055	Pencil Cave	
2055	2145	Big Lime	
2145	2177	Big Injun	
2177	5950	Devonian Shale	
5950	5980	Marcellus Shale	
5980	6150	Corniferous Lime(Qnanadaga)	
6150	6252	Oriskany Sand	Salt Water

Ran 6222' 11.6 #/FT 4 ½ CASING TO 6222'

DRILLED TO 6252', CUT AND PULL 3500' OF 4 ½ CASING
 SET 100' CEMENT PLUG AT CUT POINT-3500'
 PUMP GELL FILL HOLE FROM 3400-2500'
 SET 7" BRIDGE PLUG AT 2290'
 PERFORATE Big Injun 2150-2175 20 holes

FRAC-

650 BBL X-LING GELL
 80,000 # SAND
 200.000 SCF N2

RECEIVED
 Office of Conservation

AUG 09 2012

NY State Department of
 Environmental Conservation

API # 47-089-04360
 Well Name MILKER #1
 Lease Name _____
 County Roane
 District Spencer

Year Drilled 2004
 Year Redrilled _____
 Pipeline _____ Line _____

1 WELL HEAD

S/N	New or Used	Previous Location	Condition

2 CASING

Size	Length	New or Used	Previous Location	Condition
3 1/2"				
<u>4 1/2"</u>				
5 1/2"				
<u>7"</u>				
9 5/8 "				
Other:				

3 TUBING

Size	Length	New or Used	Previous Location	Condition
<u>3"</u>				

4 DRIPS

Type	Amount	New or Used	Previous Location	Condition
<u>Pot</u>	<u>8 gal</u>	<u>New</u>		

5 SEPARATOR

Make	Type	New or Used	Previous Location	Condition
	<u>Floot</u>	<u>New</u>		

6 VALVES

Size	Amount	Condition

*Separator, Drips and
 Meter Box on bid*

REC'D BY
 DATE
 AUG 12 2012
 YOD/Don
 10/10/12