



State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: Haynes #1 Operator Well No.: Haynes#1

LOCATION: Elevation: 925 Quadrangle: Kentuck 7'5

District: Washington County: Jackson
Latitude: 800 43 Feet South of 38 Deg. 45 Min. 00 Sec.
Longitude 800 Feet West of 91 Deg. 32 Min. 30 Sec.

Company: BNG Producing & Drilling Inc

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>1248 Charleston Road</u>	<u>26'</u>	<u>20'</u>		
<u>Spencer, WV 25276</u>	<u>20"</u>	<u>300'</u>	<u>300'</u>	<u>surface</u>
Agent: <u>Jeffery C. Boggs</u>	<u>13 3/8"</u>	<u>2050</u>	<u>2050</u>	<u>surface</u>
Inspector: <u>Larry Parish</u>	<u>9 5/8"</u>	<u>4643</u>	<u>4643'</u>	<u>1500' linear</u>
Date Permit Issued: <u>May 20, 2000</u>	<u>7"</u>	<u>5615</u>	<u>5615'</u>	<u>1900' linear</u>
Date Well Work Commenced: <u>July 4, 2000</u>	<u>4 1/2"</u>	<u>8700'</u>	<u>8700'</u>	<u>2100' linear</u>
Date Well Work Completed: <u>July 26, 2001</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary xx Cable Rig # <u>3</u>				
Total Depth (feet): <u>9775'</u>				
Fresh Water Depth (ft.): <u>200'</u>				
Salt Water Depth (ft.): <u>1385', 2005, 6250'</u>				
Is coal being mined in area (N/Y)? <u>no</u>				
Coal Depths (ft.):				

OPEN FLOW DATA

Producing formation Black River Pay zone depth (ft) 9770
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 6300 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: Jeffery C. Boggs
By: Jeffery C. Boggs
Date: August 23, 2001

12/03/2021

0	-	1385'	sand /shale	fresh water @ 250'
1385	-	1585'	Saltsand	Salt water 1" stream
1585	-	2050'	Lime/shale	
2050	-	2120'	Big Injun	2" Stream Salt water
2120	-	5230'	Dev Shale	
5230	-	5610'	Onondaga Lime	
5610	-	5690'	Oriskany	Dry
5690'	-	6230'	lime	
6230	-	6250'	Newburg	3" Stream Saltwater
6250	-	6580'	Lime	
6580	-	7020'	Rose Hill Shale	
7020'	-	7110'	Tuscarora Sand	Gas show under fluid
7110'	-	8700'	Martinsburg Shale	
8700'	-	9770'	Trenton/Black River	Gas: 50-75' Flare

Pressure/Flow Test Data

9775'-- 75' flare- 80 psi choke pressure, 1 1/16" choke
shut-in 1 hr 700 psi buildup
flow one hr 50' flare- 60 psi choke pressure 1 1/16" choke
shut-in 1 hr 735 psi buildup
flow one hr 70' flare- 80 psi choke pressure 1 1/16" choke
shut-in 3 hrs. 1250' psi
flow while coming out of hole- 11 hrs
shut in 8 hrs 3150 psi
open flow- 75' flare after blowdown- 90 psi choke pressure 1 1/16" choke
flow while coming out of hole 9 hrs.
shut in 15 hrs-- 4400 psi
shut in 24 hrs-- 6300' psi

Hole Deviation tests

4400'	2°
5600'	0°
6200'	3°
6500'	2 1/2°
7100'	1/4°
8620'	1/4°

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