

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas  
Well Operator's Report of Well Work

*WCS*

Farm Name: MUSGROVE, JOHN N., JR., ET UX Operator Well No. MUSGROVE 1H  
Location: Elevation: 1417' Quadrangle: GRAFTON 7.5  
District: BOOTH'S CREEK County: TAYLOR  
Latitude: 6,785 Feet South of 39 Degrees 22 Minutes 30 Seconds  
Longitude: 1,485 Feet West of 80 Degrees 5 Minutes 0 Seconds

Company: TRIANA ENERGY, LLC.  
900 VIRGINIA STREET E., SUITE 400  
CHARLESTON, WV 25301

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	80'	80'	115 cf
13.375"	959'	959'	923 cf
9.625"	3106'	3106'	1277 cf
5.5"	13104'	13104'	2371 cf

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Agent: RACHELLE KING  
Inspector: BRYAN HARRIS  
Permit Issued: 10/6/2011  
Date Well work Commenced: 11/10/2011  
Date Well work Completed: 1/3/2012  
Verbal Plugging: NA  
Date Permission granted on: NA  
Rotary X Cable Tool      Rig  
Total Vertical Depth (ft): 7622'  
Total Measured Depth (ft): 13104'  
Fresh Water Depths (ft): none  
Salt Water Depths (ft): NONE  
Is coal being mined in area (Y/N)? N  
Coal Depths: 554, 740  
Void(s) encountered (N/Y) N Depth(s) NA

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OPEN FLOW DATA:

Producing formation(s): NONE Pay zone depth (ft)       
Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d  
Final open flow 0 MCF/D Final open flow 0 Bbl/d  
Time of open flow between initial and final tests:      Hours  
Static rock pressure 0 psig (surface pressure) after 0 Hours  
Second producing formation(s): NA Pay zone depth (ft) 0  
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

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information is true, accurate, and complete.

Rachelle King  
Signature

3/12/12  
Date

WR-35

Date: 3/1/2012  
API# 47-091-01239  
Page: 2

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

Were  Electrical,  Mechanical,  or Geophysical logs recorded on this well?  
Y/N Y/N Y/N

**NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.**

NOT COMPLETED YET

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08/10/2012

NOTE: IN THE ARE BELOW PUT THE FOLLOWING: 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.

FORMATION	TOP(FT)	BOTTOM(FT)	REMARKS
SOIL, SAND, SHALE	0	554	DRLR. LOG
COAL	554	558	"
SAND, SHALE	558	740	"
COAL	740	745	"
SAND, SHALE	745	800	"
SAND	800	854	"
SAND, SHALE	854	1000	"
SHALE	1000	1370	"
LITTLE LIME	1270	1283	GR Log Pilot Hole
SHALE	1283	1307	"
BIG LIME	1307	1477	"
BIG INJUN	1477	1514	"
SHALE	1514	1870	"
SAND	1870	2050	"
SAND, SHALE	2050	2405	"
5TH SAND	2405	2450	"
SHALE, SAND	2450	3098	"
SPEECHLEY SAND	3098	3100	"
SHALE	3100	6676	"
SYCAMORE	6676	6785	"
SHALE	6785	7356	"
TULLY LIMESTONE	7356	7424	"
SHALE	7424	7606	"
MARCELLUS SHALE	7606	7704	"
ONONDAGA LIME	7704	TD	"

PLUGGED BACK

KOP @ 5200

SHALE	5200 MD	7435 MD	MUDLOG
TULLY LIMESTONE	7435 MD	7540 MD	"
SHALE	7540 MD	7794 MD	"
MARCELLUS SHALE	7794 MD	13104 MD	"

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