

WR-35

Date: 3/1/2012
API# 47-091-01240

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

Farm Name: MUSGROVE, JOHN N., JR., ET UX Operator Well No. MUSGROVE 5H
Location: Elevation: 1417' Quadrangle: GRAFTON 7.5
District: BOOTH'S CREEK County: TAYLOR
Latitude: 6,800 Feet South of 39 Degrees 22 Minutes 30 Seconds
Longitude: 1,450 Feet West of 80 Degrees 5 Minutes 0 Seconds

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

Agent: RACHELLE KING
Inspector: BRYAN HARRIS
Permit Issued: 8/15/2011
Date Well work Commenced: 1/8/2010
Date Well work Completed: 2/7/2012
Verbal Plugging: NA
Date Permission granted on: NA
Rotary X Cable Tool Rig
Total Vertical Depth (ft): 7590'
Total Measured Depth (ft): 12262'
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

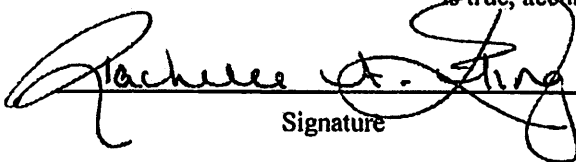
Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	80'	80'	115 cf
13.375"	755'	755'	667 cf
9.625"	3079'	3079'	1317 cf
5.5"	12262'	12262'	2102 cf

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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.


Signature

3/12/12
Date

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

Were N Electrical, N Mechanical, Y 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

11/15/2013

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	"
STH SAND	2405	2450	"
SHALE, SAND	2450	3098	"
SPEECHLEY SAND	3098	3100	"
SHALE	3100	5200	"

KOP @ 5200

SHALE	5200 MD	7732 MD	MUDLOG
TULLY LIMESTONE	7732 MD	7828 MD	"
SHALE	7828 MD	8145 MD	"
MARCELLUS SHALE	8145 MD	12262 MD	"