

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

Farm Name: ATCHISON, TOMMY & AMY Operator Well No. 14387

LOCATION: Elevation: 1203' Quadrangle: Peterson 7.5'

District: Court House County: Lewis
Latitude: 2,280 Feet South of: 39 Deg. 00 Min. 00 Sec.
Longitude: 1,770 Feet West of: 80 Deg. 32 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc.

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>P.O. Box 1248</u> <u>Jane Lew, WV 26378</u>				
Agent: <u>Rick Elswick</u>				
Inspector: <u>Tim Bennett</u>				
Date Permit Issued: <u>09/25/2008</u>				
Date Well Work Commenced: <u>06/23/2010</u>	<u>9 5/8"</u>	<u>35'</u>	<u>35'</u>	<u>Sand In</u>
Date Well Work Completed: <u>07/09/2010</u>				
Verbal Plugging:	<u>7"</u>	<u>1181'</u>	<u>1181'</u>	<u>165 sks</u>
Date Permission granted on:				
Rotary X Cable Rig	<u>4 1/2"</u>	<u>2956'</u>	<u>2956'</u>	<u>180 sks</u>
Total Depth (feet): <u>3,004'</u>				
Fresh Water Depth (ft.): <u>75'</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)?: <u>No</u>				
Coal Depths (ft.): <u>N/A</u>				
Oil Depths (ft.): <u>N/A</u>				

RECEIVED
Office of Oil & Gas
JUN 27 2011

OPEN FLOW DATA

INJUN		GORDON		Pay zone depth (ft)	
Producing formation	<u>5TH SAND</u>			<u>2064'-2091'</u>	<u>2602'-2612'</u>
Gas: Initial open flow	<u>2.3</u>	<u>MCF/d</u>	Oil: Initial open flow	<u>0</u>	<u>Bbl/d</u>
Final open flow	<u>20 mmcf/d</u>	<u>MCF/d</u>	Final open flow	<u>0</u>	<u>Bbl/d</u>
Time of open flow between initial and final tests				<u>12</u>	<u>Hours</u>
Static Rock Pressure	<u>345</u>	<u>psig (surface pressure) after</u>		<u>12</u>	<u>Hours</u>

Second Producing formation		Pay zone depth (ft)			
Gas: Initial open flow	<u>*</u>	<u>MCF/d</u>	Oil: Initial open flow	<u>*</u>	<u>Bbl/d</u>
Final open flow	<u>*</u>	<u>MCF/d</u>	Final open flow	<u>*</u>	<u>Bbl/d</u>
Time of open flow between initial and final tests				<u>*</u>	<u>Hours</u>
Static rock Pressure	<u>*</u>	<u>psig (surface pressure) after</u>		<u>*</u>	<u>Hours</u>

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: Rick Elswick
By: Rick Elswick
Date: 8-21-10

MES

SUPERIOR RAN BOND LOG. TD -2942'. TOC - 1060'. SUPERIOR PERFERED AND HALLIBURTON FRACED AS FOLLOWS:
 5TH SAND, 2808'-2826', 24 HOLES, BD 1678#, AVG RATE 24 BPM, AVG PRESS 2658#, 211 BBLs, TOT SAND 47,000#, 400 MSCFN2, ISIP 1470#, FG .95 PSI/FT
 GORDON, 2602'-2612', 21 HOLES, BD 3770#. AVG RATE 20 BPM, AVG PRESS 2658#, 186 BBLs, TOT SAND 40,500#, 291 MSCFN2, ISIP 1790#, FG 1.11 PSI/FT
 INJUN, 2064'-2091', 31 HOLES, BD 2397#. AVG RATE 22 BPM, AVG PRESS 2500#, 264 BBLs, TOT SAND 55,000#, 425 MSCFN2, ISIP 2080#, FG 1.42 PSI/FT
 E.C. CLEANED UP AFTER FRAC.

Fill	0	6	RedRock	6	20
RedRock&Shale	20	85	Sand&Shale	85	140
Sand&Shale	140	480	RedRock&Shale	480	506
Sand&Shale	306	522	RedRock&Shale	522	912
Sand&Shale	912	1586	2nd Salt Sand	1586	1690
Sand	1690	1908	Lime	1908	1916
Sand&Shale	1916				

GAMMA RAY/FORMATION			
#14387	TOPS		47-041-05467
	TOP	BASE	
LITTLE LIME	1980	1985	
BIG LIME	1985	2024	
BIG INJUN	2054	2157	
THIRTY FOOT SAND	2856	2577	
GORDON SAND	2594	2656	
5TH SAND	2907	2826	
BAYARD	2887	2917	
LTD	2986		