# **Department of Environmental Protection Bureau of Oil and Gas Management**



2009 Year End Reports (updated 01/25/2010)

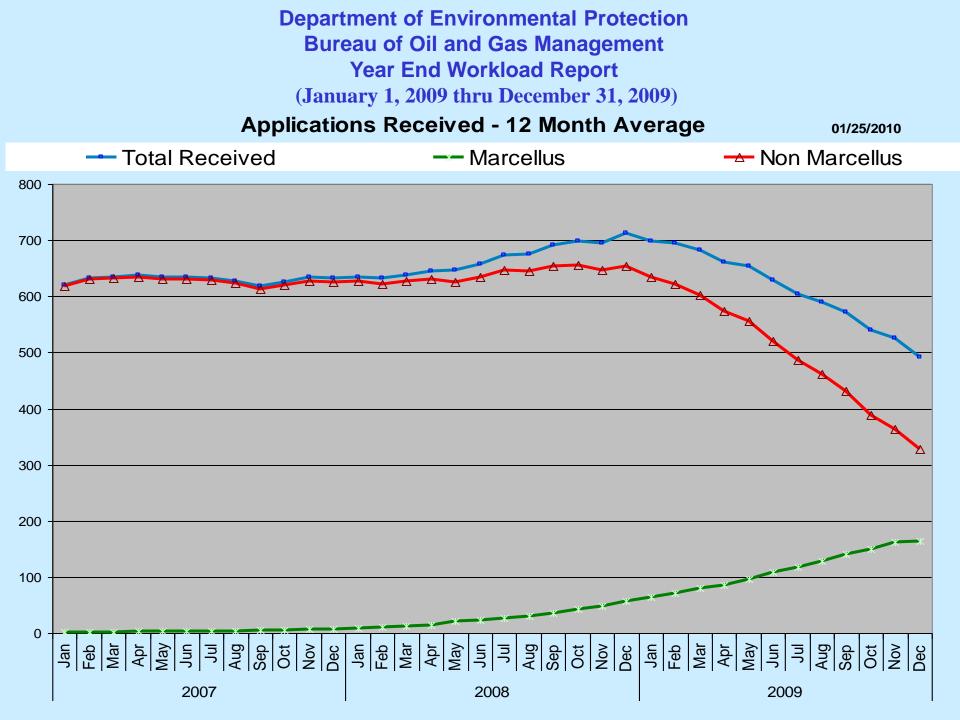
WELL PERMIT APPLICATIONS 1						
NCRO - Williamsport	Received	Issued	Other <sup>4</sup>			
Non Marcellus	214	225	13			
Marcellus	1,205	1,229	18			
Total	1,419	1,454	31			
SWRO - Pittsburgh	Received	Issued	Other			
Non Marcellus	1,539	1,752	75			
Marcellus	673	663	22			
Total	2,212	2,415	97			
NWRO - Meadville	Received	Issued	Other			
Non Marcellus	2,177	2,279	117			
Marcellus	95	92	2			
Total	2,272	2,371	119			
Combined Total	Received	Issued	Other			
Non Marcellus	3,930	4,256	205			
Marcellus	1,973	1,984	42			
Total	5,903	6,240	247			

1 Source: E-Facts; permit may have been applied for in 2008, but issued in 2009

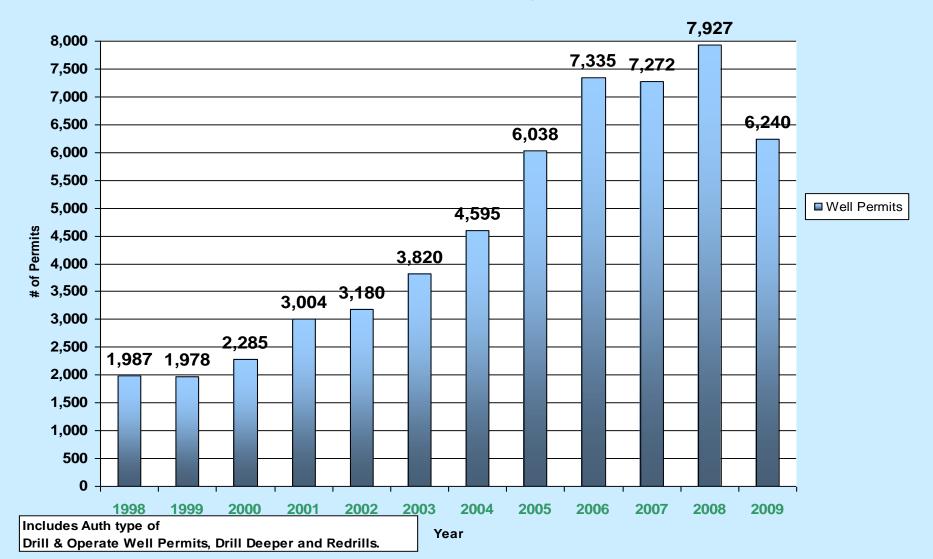
4 Other: Applications withdrawn, denied, returned, or entered in error.

INSPECTIONS					
NCRO – Williamsport	Inspections <sup>2</sup>	Wells Inspected <sup>3</sup>	Violations	Enforcements	
Non Marcellus	309	178	128	33	
Marcellus	828	369	473	90	
Total	1,137	547	601	123	
SWRO - Pittsburgh	Inspections	Wells Inspected	Violations	Enforcements	
Non Marcellus	4,141	2,911	344	202	
Marcellus	865	362	71	43	
Total	5,006	3,273	415	245	
NWRO – Meadville	Inspections	Wells Inspected	Violations	Enforcements	
Non Marcellus	8,000	5,885	2,251	270	
Marcellus	401	143	94	40	
Total	8,401	6,028	2,345	310	
Combined Total	Inspections	Wells Inspected	Violations	Enforcements	
Non Marcellus	12,450	8,974	2,723	505	
Marcellus	2,094	874	638	173	
Total	14,544	9,848	3,361	678	

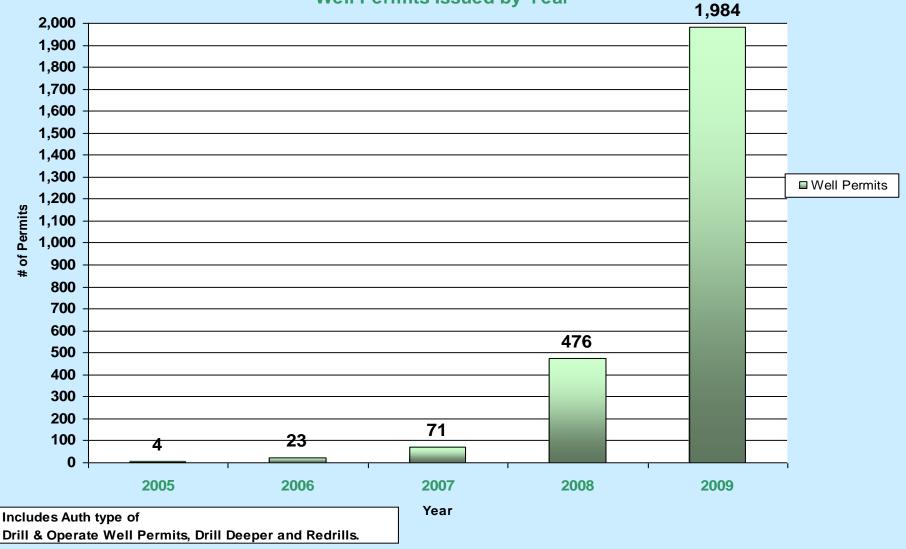
**2 "Inspections"-** This is a count of each inspection. **3 "Wells Inspected"** – This is a count of the number of wells inspected. Some wells are inspected more than once during the time period.



Well Permits Issued by Year



> Marcellus Shale Well Permits Issued by Year



#### Department of Environmental Protection Bureau of Oil and Gas Management All Permits Issued & Wells Drilled (January – December 2009)

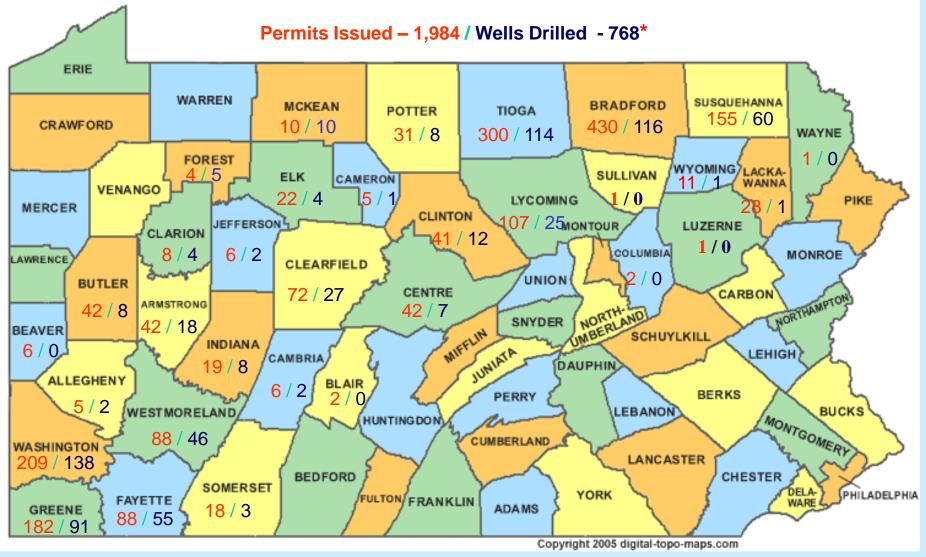
Permits Issued – 6,234 / Wells Drilled - 2,543\* ERIE 26/13WARREN SUSQUEHANNA MCKEAN BRADFORD POTTER TIOGA 159 / 62 238 / 175600 / 254 CRAWFORD 439 / 116 79/22 305 / 114 WAYNE 68 / 27 4 2 FOREST WYOMING/LACKA-193 / 158 SULLIVAN ELK CAMERON 12/2 WANNA VENANGO 48 6 / 1 77 / 1/0LYCOMING PIKE 1 116 / 52 MERCER 110 / 25 CLINTON JEFFERSON MONTOUR LUZERNE 54/24CLARION 50/14 243 /110 275 / 195 1/0COLUMBIA MONROE LAWRENCE CLEARFIELD 2/ 0 2 months UNION BUTLER 172/43 CENTRE CARBON NORTHAMPTON IMBERLAND 79 / 19 ARMSTRONG 73 / 15 SNYDER 12 /180 MIFFLIN BEAVER SCHUYLKILL INDIANA JUNIATA 7/1 LEHIGH CAMBRIA 212 DAUPHIN ALLEGHENY 31 / 15 BLAIR 0 BERKS PERRY 22 / 49 2 0 BUCKS WESTMORELAND LEBANON MONTGOMERY HUNTINGDON 464 / 165 6/0CUMBERLAND WASHINGTON LANCASTER 525 / 206 BEDFORD CHESTER SOMERSET DELA-WARE 0/4 YORK PHILADELPHIA FULTON FRANKLIN FAYETTE ADA MS 21/3GREENE 305 / 133 170 / 83 Copyright 2005 digital-topo-maps.com

Updated 01/25/2010

\* As reported by Operators

Map Courtesy of Digital-Topo-Maps.com

#### Department of Environmental Protection Bureau of Oil and Gas Management Marcellus Shale Permits Issued & Wells Drilled (January – December 2009)



Updated 01/25/2010

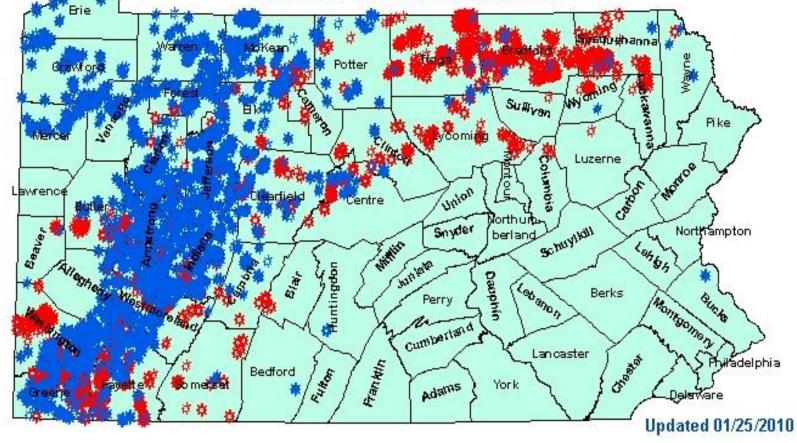
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Map Courtesy of Digital-Topo-Maps.com

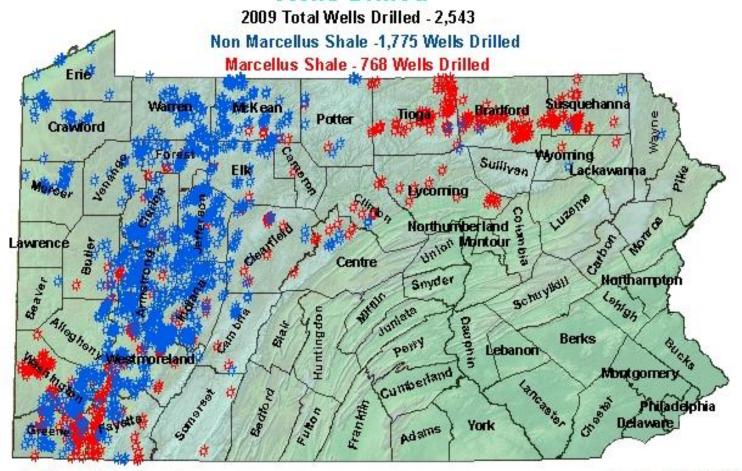
## Department of Environmental Protection Bureau of Oil and Gas Management Well Permits Issued

Total Permits Issued January thru December 2009 - 6,240

Non Marcellus Shale - 4,256 Permits Issued Marcellus Shale - 1,984 Permits Issued



### Department of Environmental Protection Bureau of Oil and Gas Management Wells Drilled



As Reported by Operators

Updated 01/25/2010