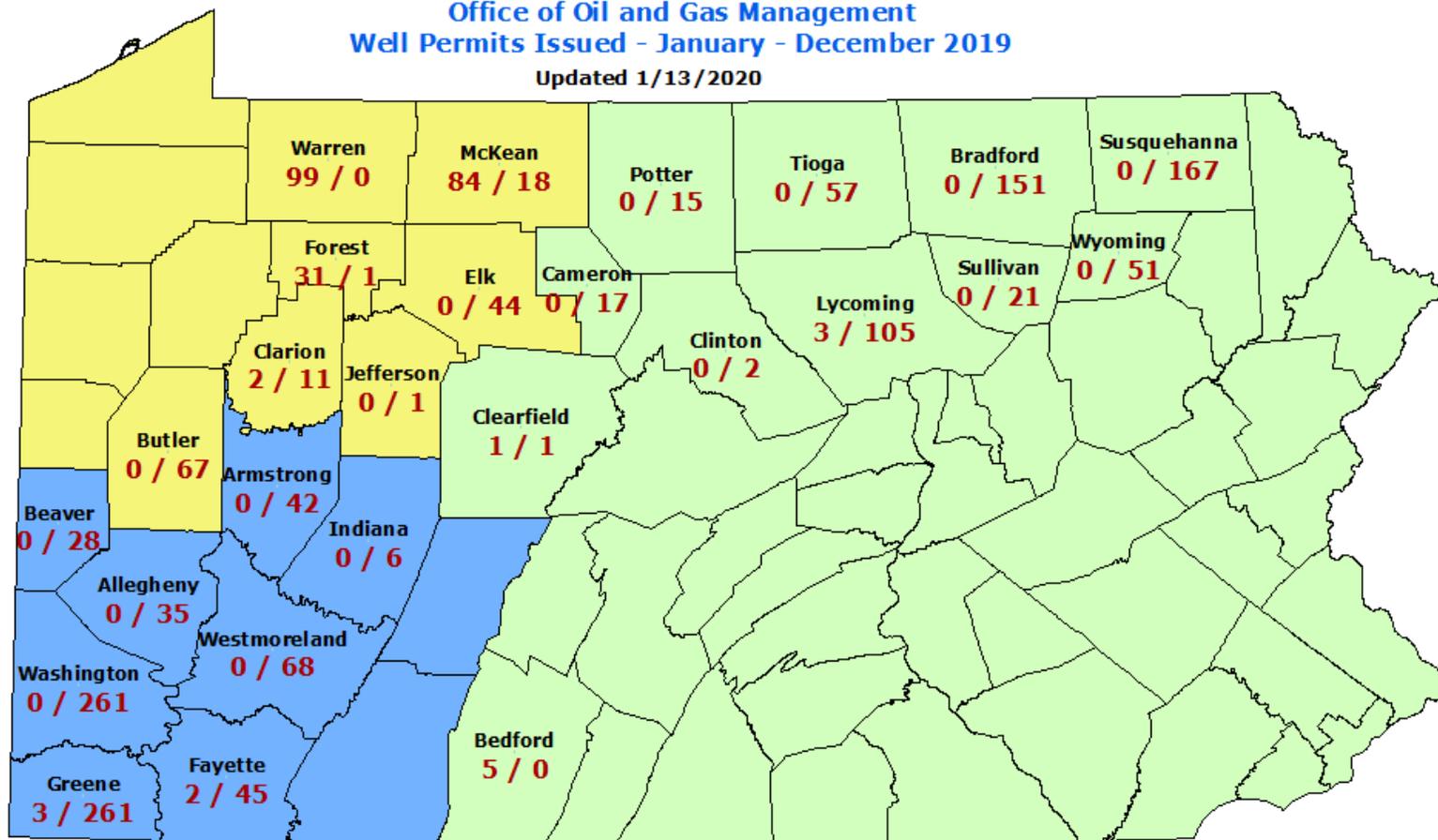


Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - December 2019

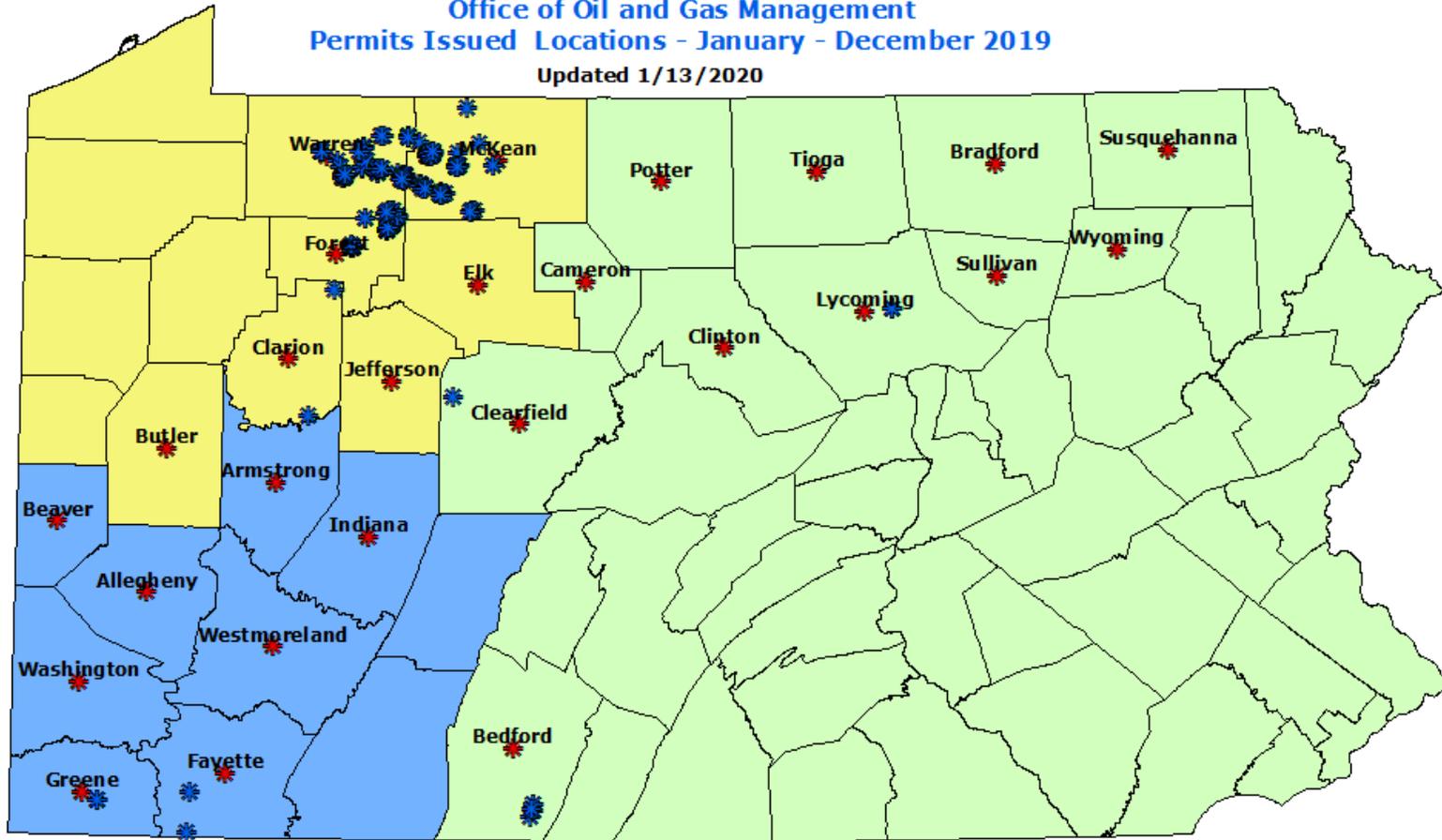
Updated 1/13/2020



Conventional - 230 + Unconventional - 1475 = Total - 1705

Department of Environmental Protection
Office of Oil and Gas Management
Permits Issued Locations - January - December 2019

Updated 1/13/2020



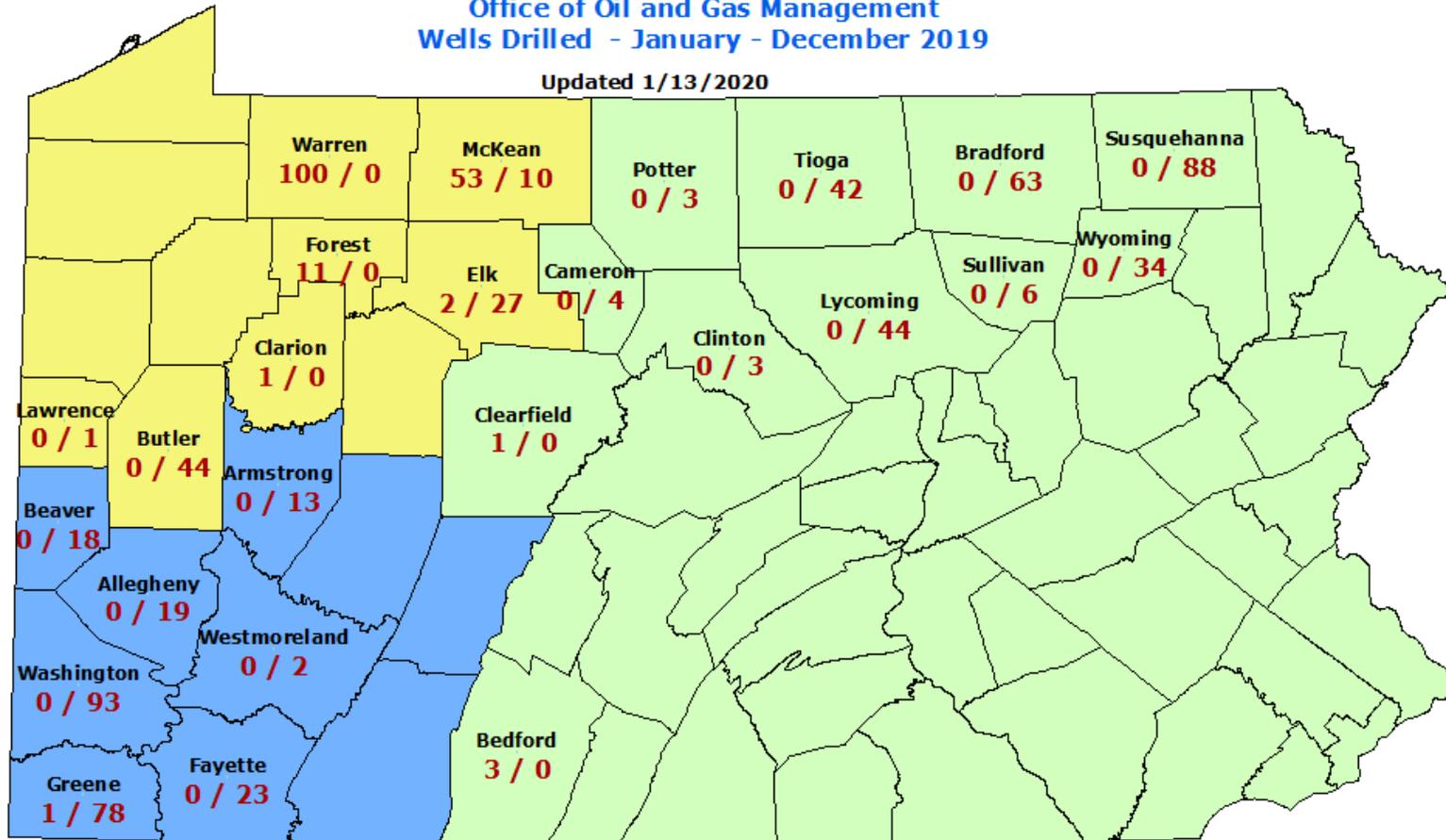
 Conventional Wells

 Unconventional Wells

Conventional - 230 + Unconventional - 1475 = Total - 1705

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - December 2019

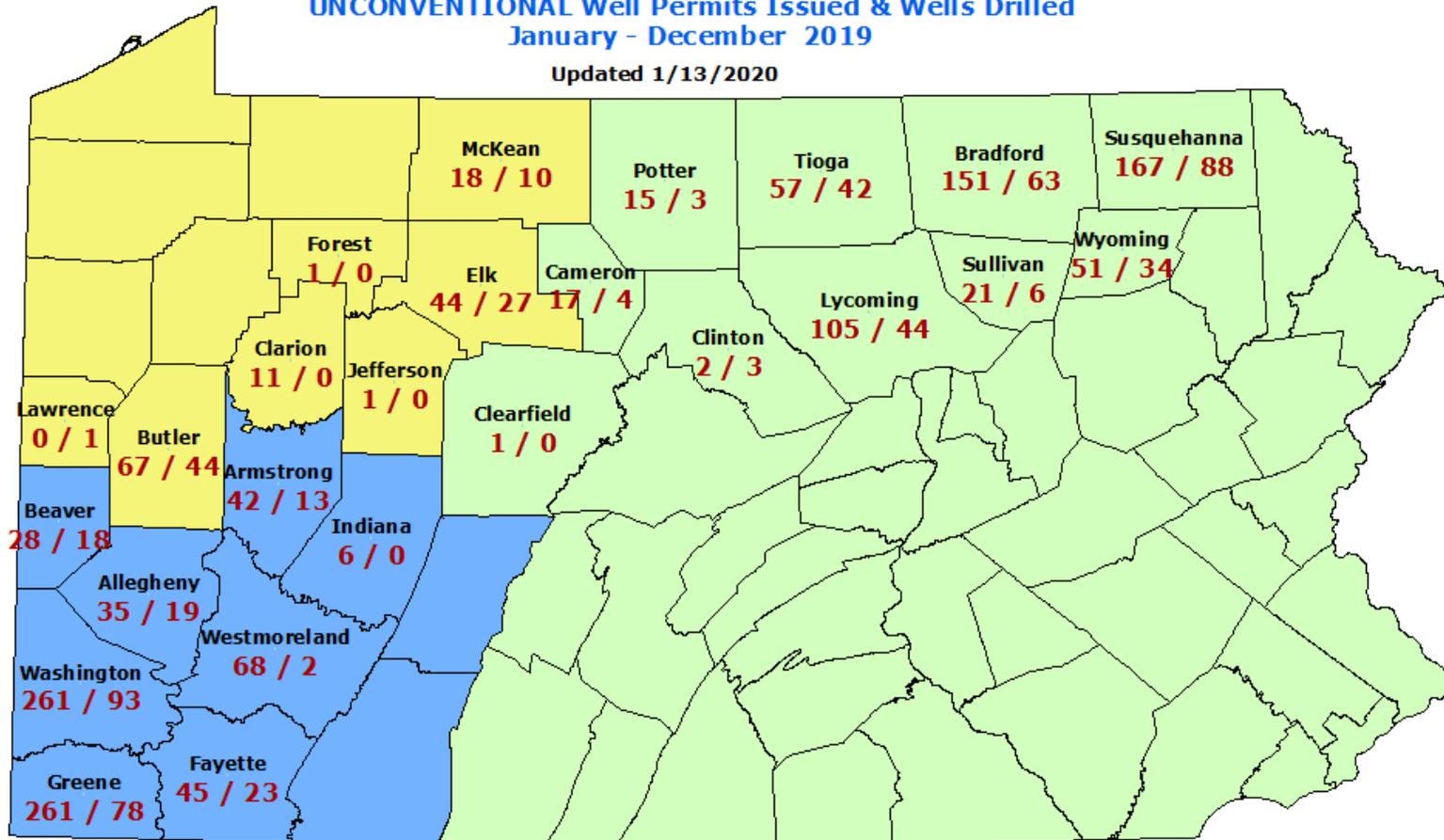
Updated 1/13/2020



(Conventional) - 172 + (Unconventional) - 615 = Total - 787

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - December 2019

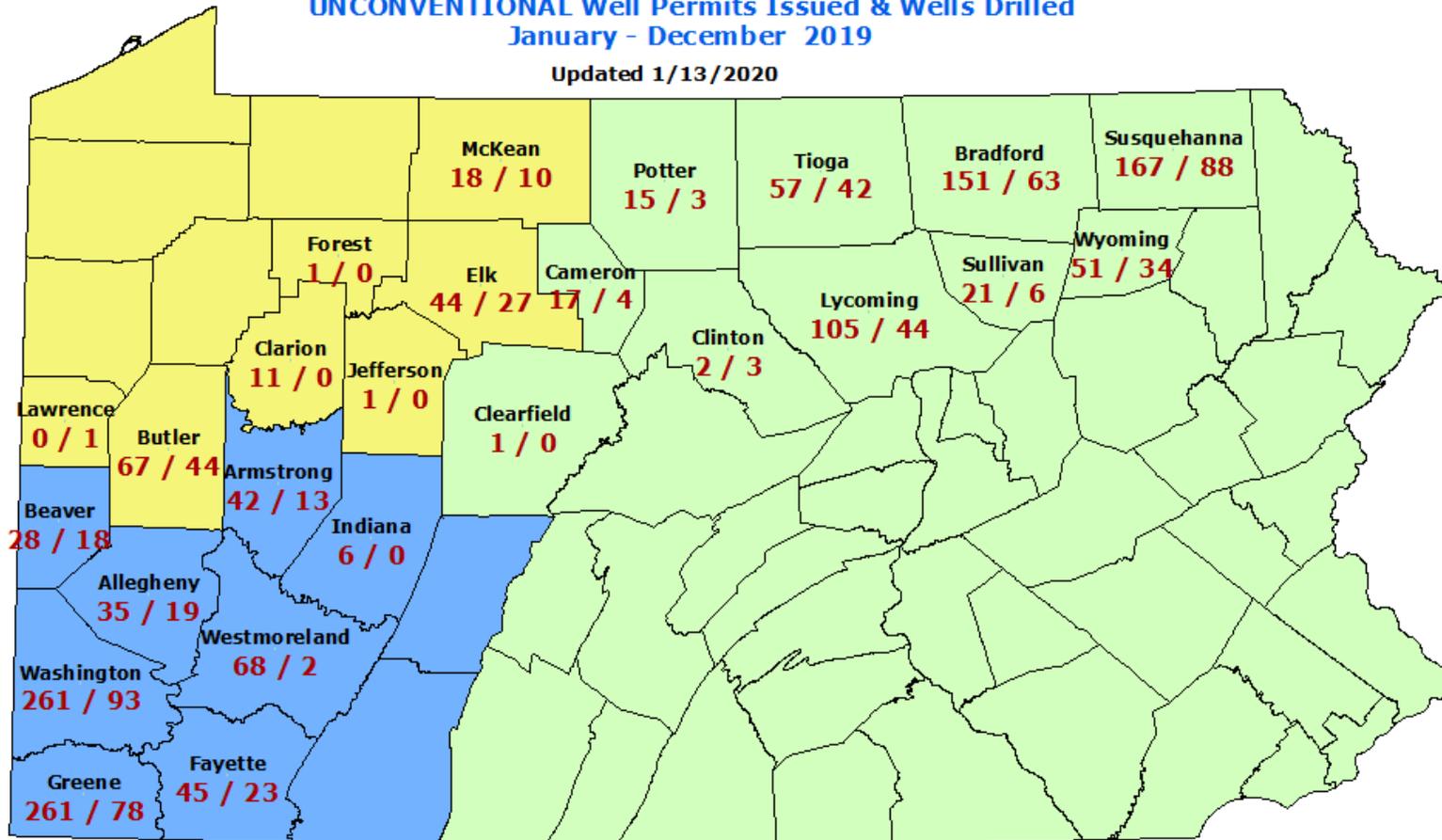
Updated 1/13/2020



Unconventional Permits Issued - 1475 Unconventional Wells Drilled - 615

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - December 2019

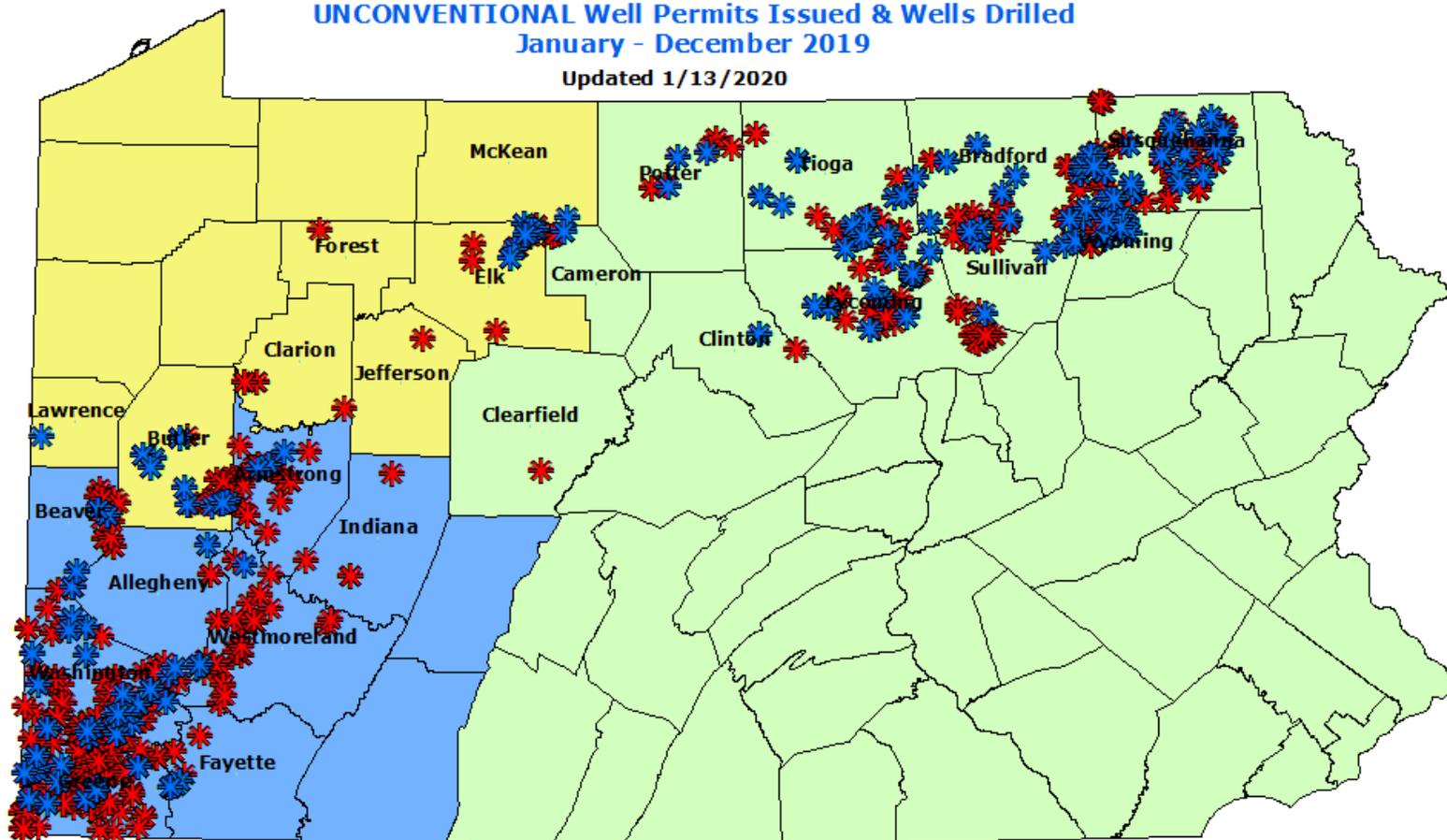
Updated 1/13/2020



Unconventional Permits Issued - 1475 Unconventional Wells Drilled - 615

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - December 2019

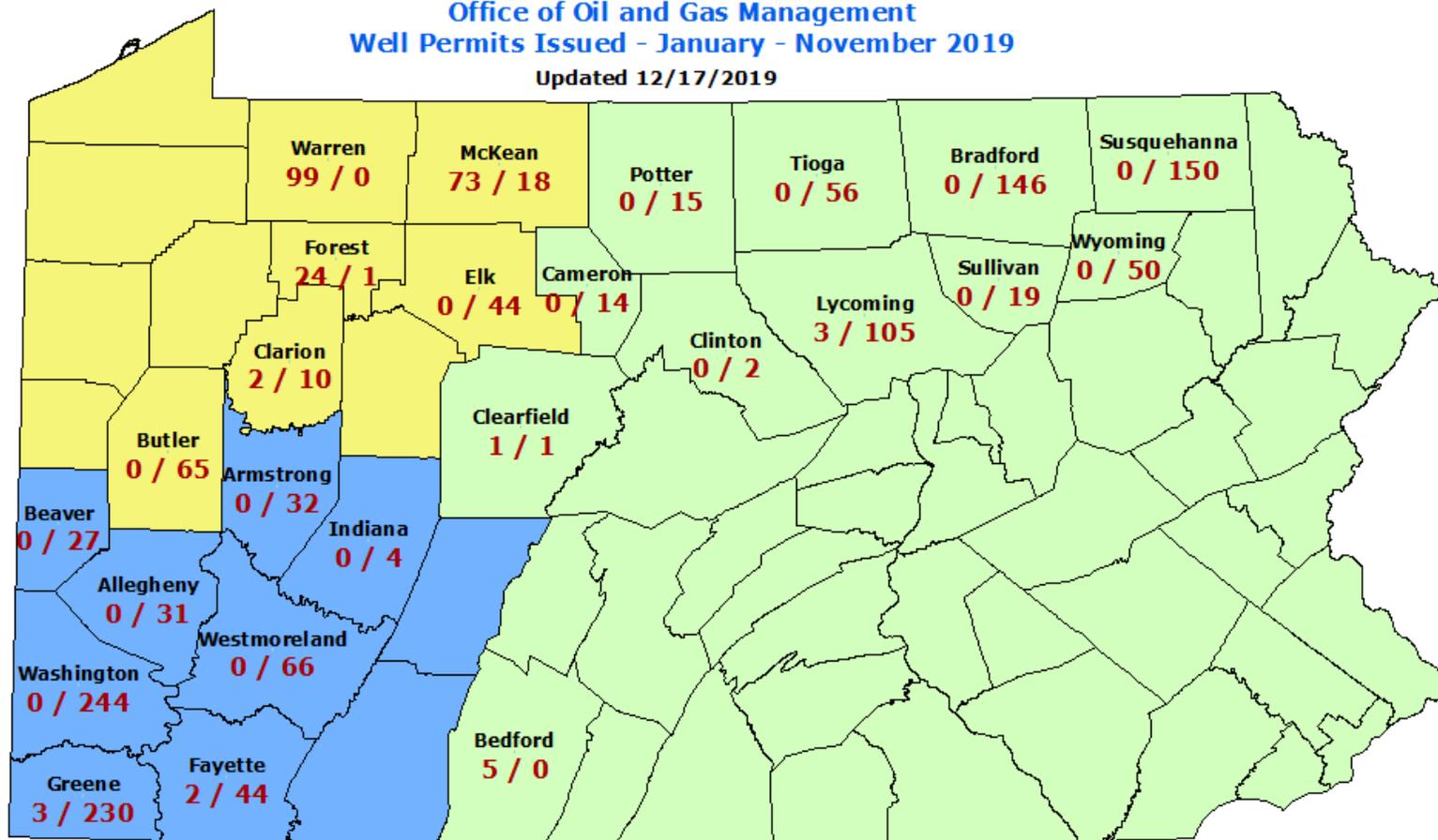
Updated 1/13/2020



Unconventional Permits Issued - 1475 Unconventional Wells Drilled - 615

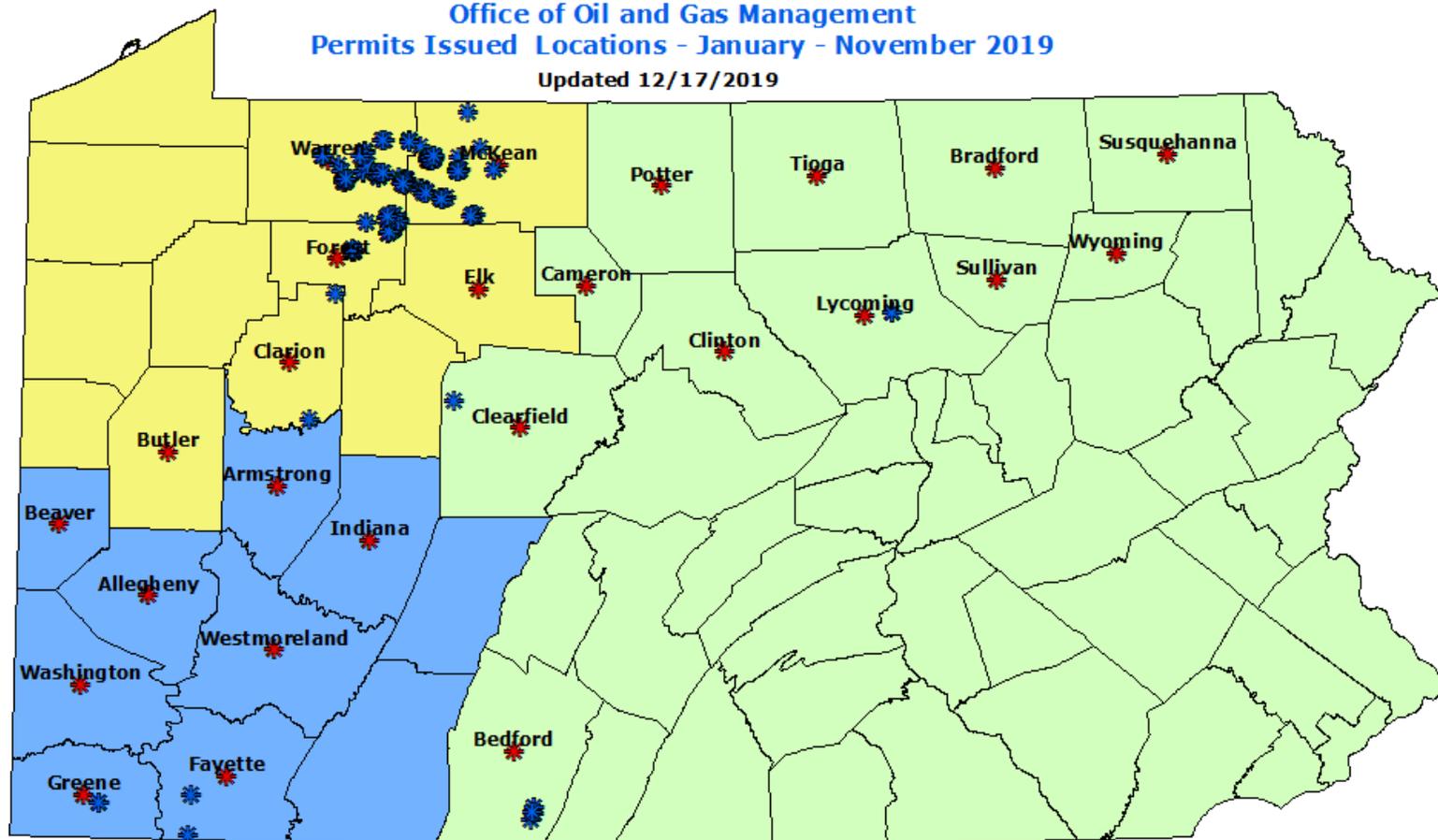
Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - November 2019

Updated 12/17/2019



Conventional - 212 + Unconventional - 1374 = Total - 1586

Department of Environmental Protection
Office of Oil and Gas Management
Permits Issued Locations - January - November 2019
Updated 12/17/2019



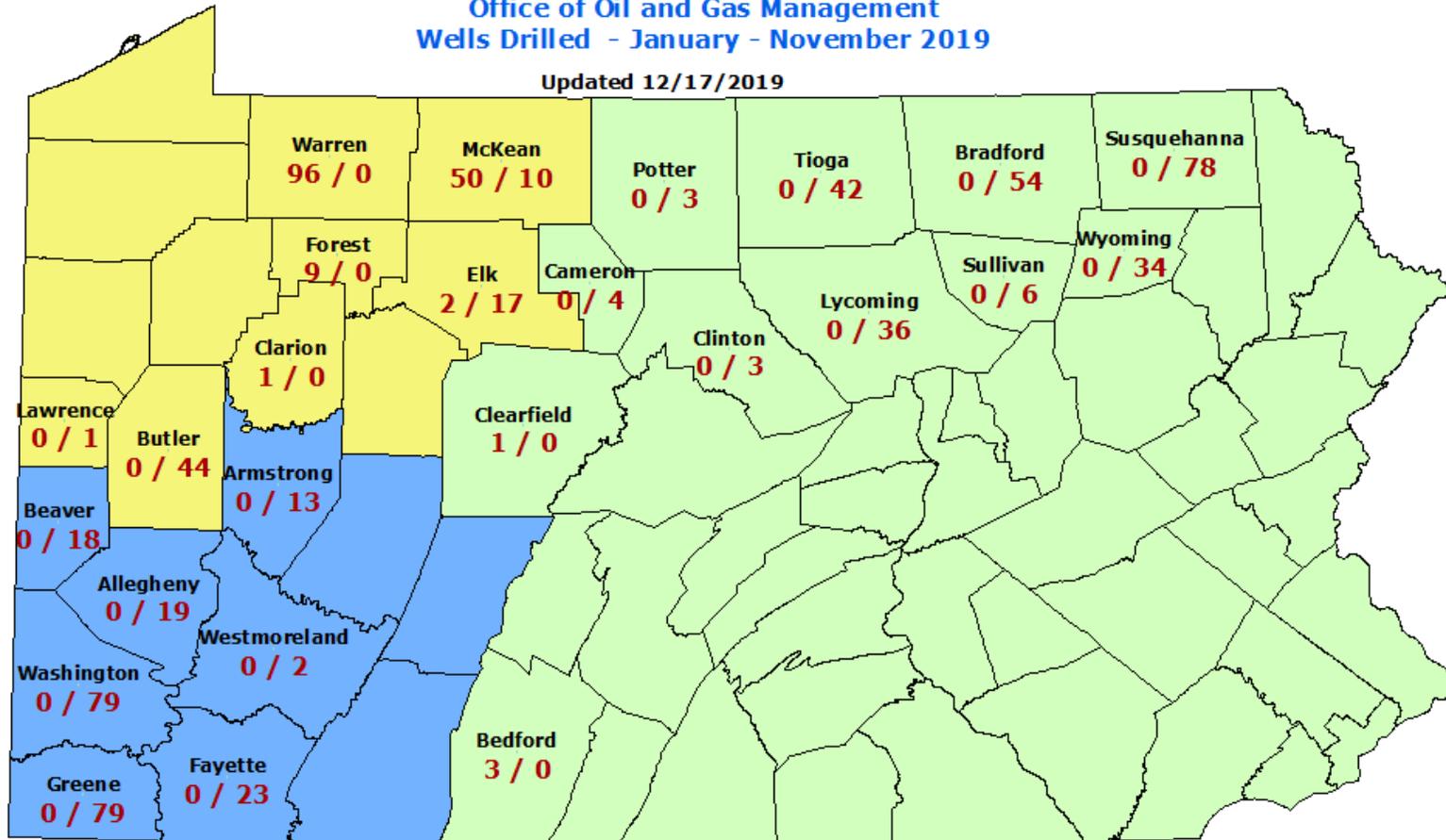
* Conventional Wells

* Unconventional Wells

Conventional - 212 + Unconventional - 1374 = Total - 1586

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - November 2019

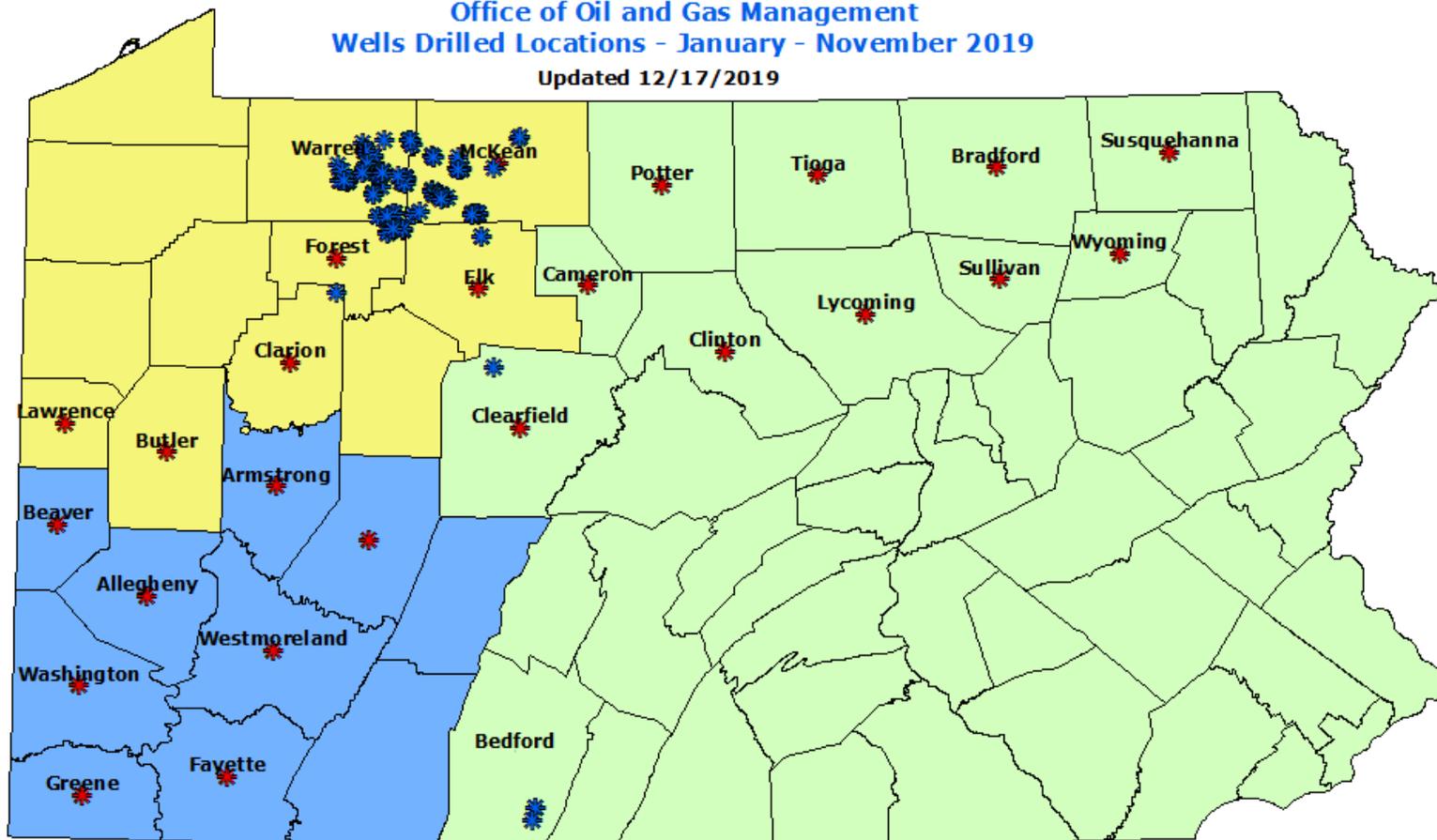
Updated 12/17/2019



(Conventional) - 162 + (Unconventional) - 565 = Total - 727

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - November 2019

Updated 12/17/2019



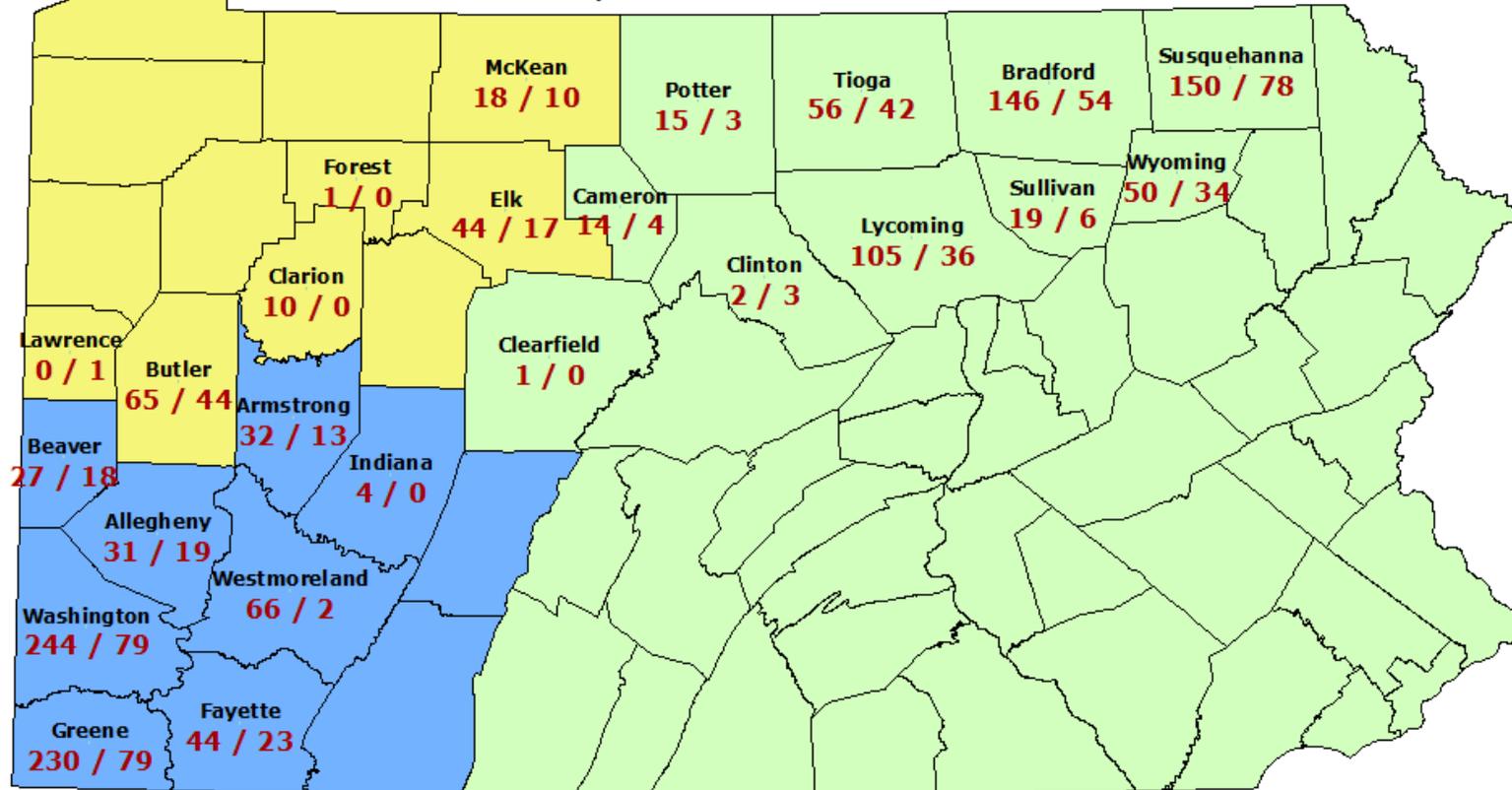
 Conventional Wells

 Unconventional Wells

(Conventional) - 162 + (Unconventional) - 565 = Total - 727

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - November 2019

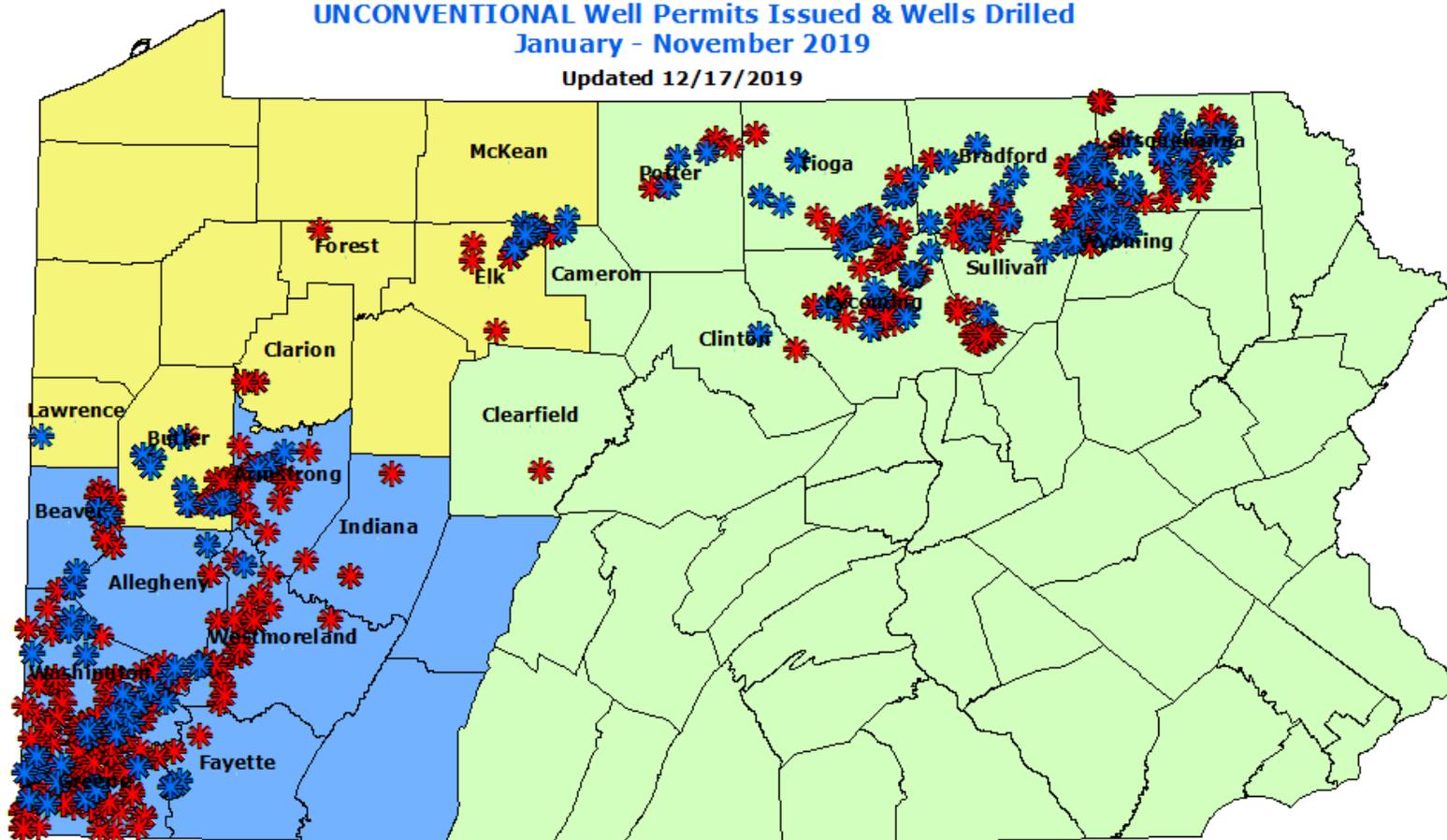
Updated 12/17/2019



Unconventional Permits Issued - 1374 Unconventional Wells Drilled - 565

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - November 2019

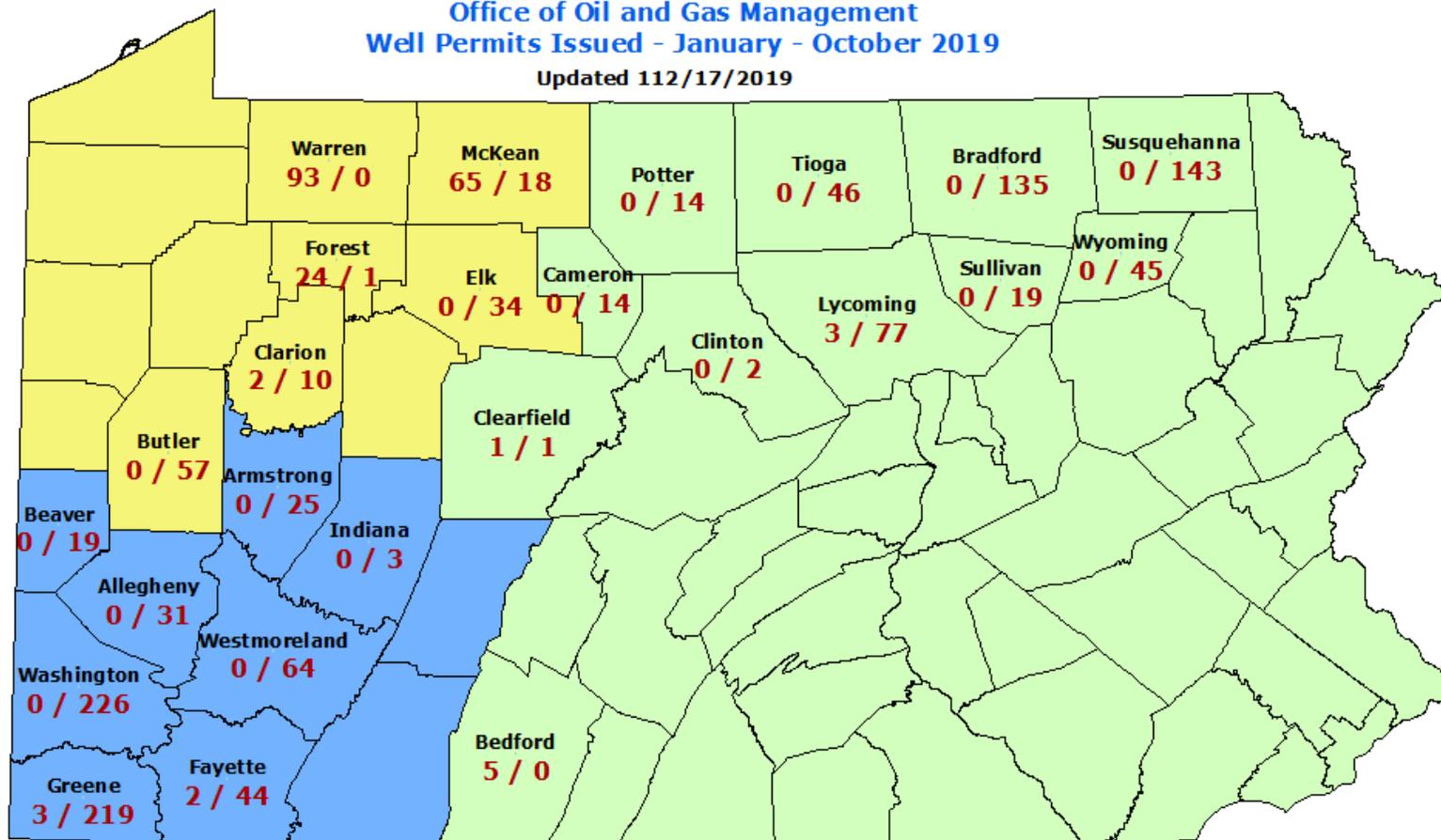
Updated 12/17/2019



Unconventional Permits Issued - 1374 Unconventional Wells Drilled - 565

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - October 2019

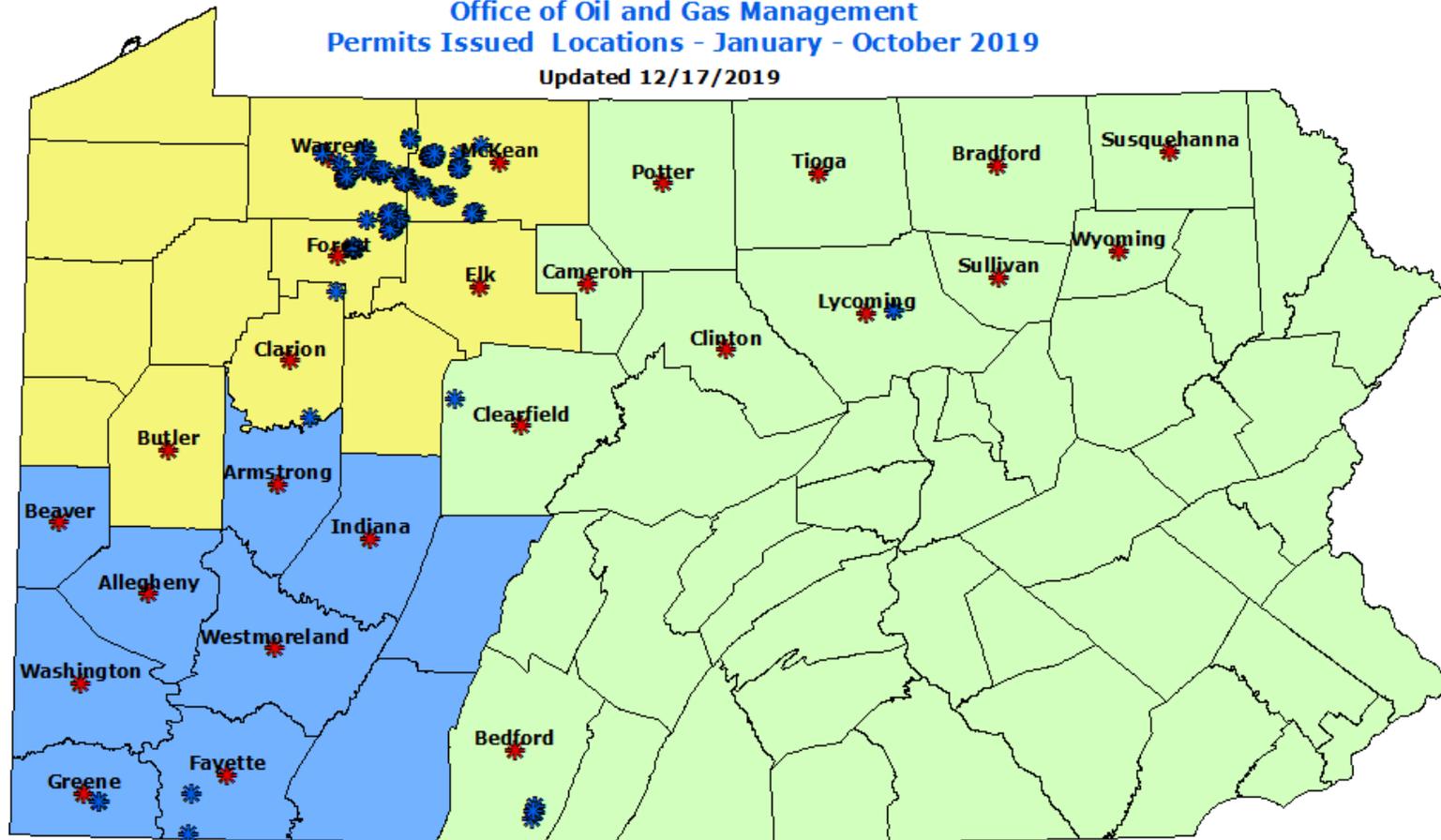
Updated 11/27/2019



Conventional - 198 + Unconventional - 1247 = Total - 1445

Department of Environmental Protection
Office of Oil and Gas Management
Permits Issued Locations - January - October 2019

Updated 12/17/2019



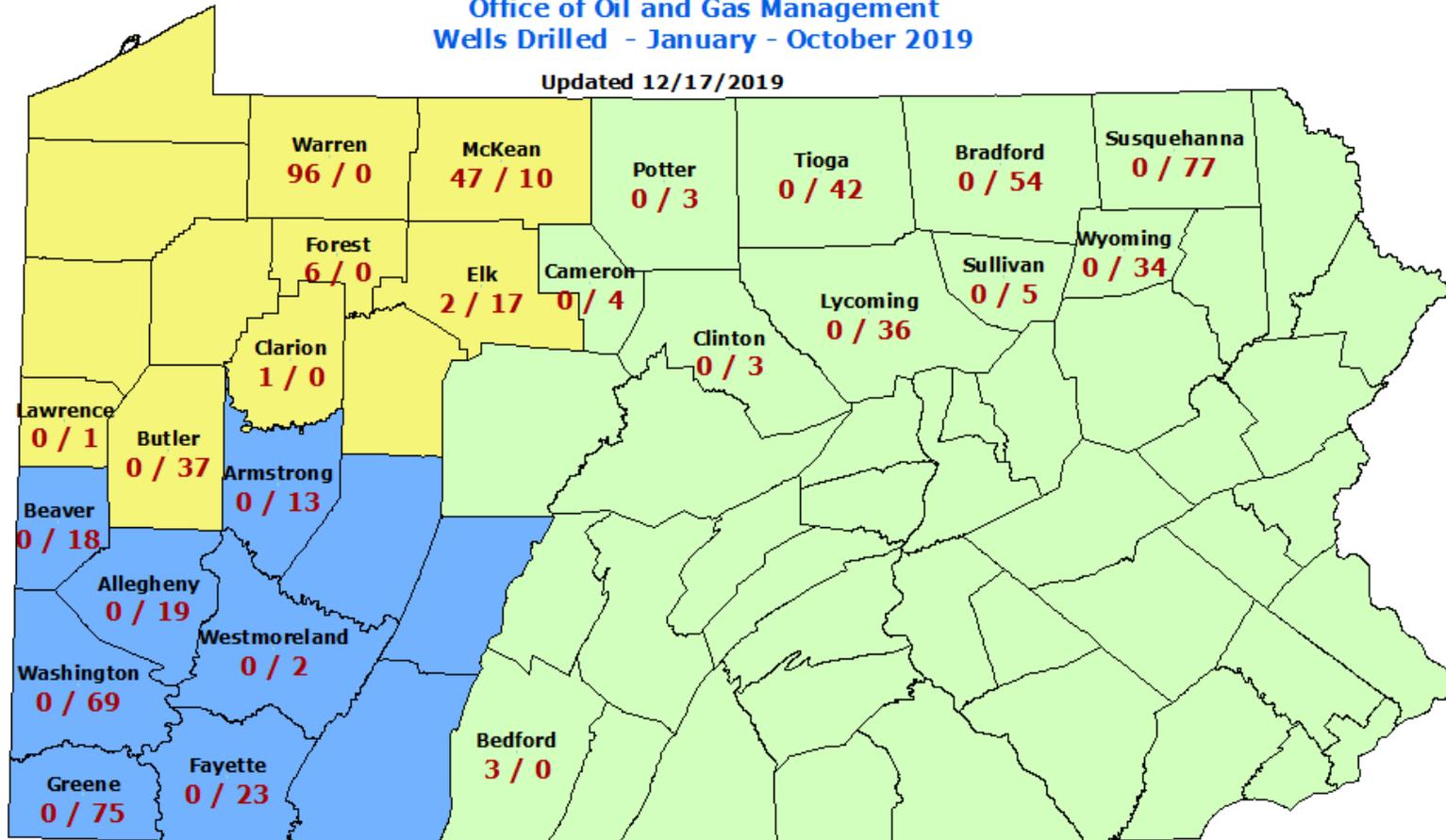
 Conventional Wells

 Unconventional Wells

Conventional - 198 + Unconventional - 1247 = Total - 1445

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - October 2019

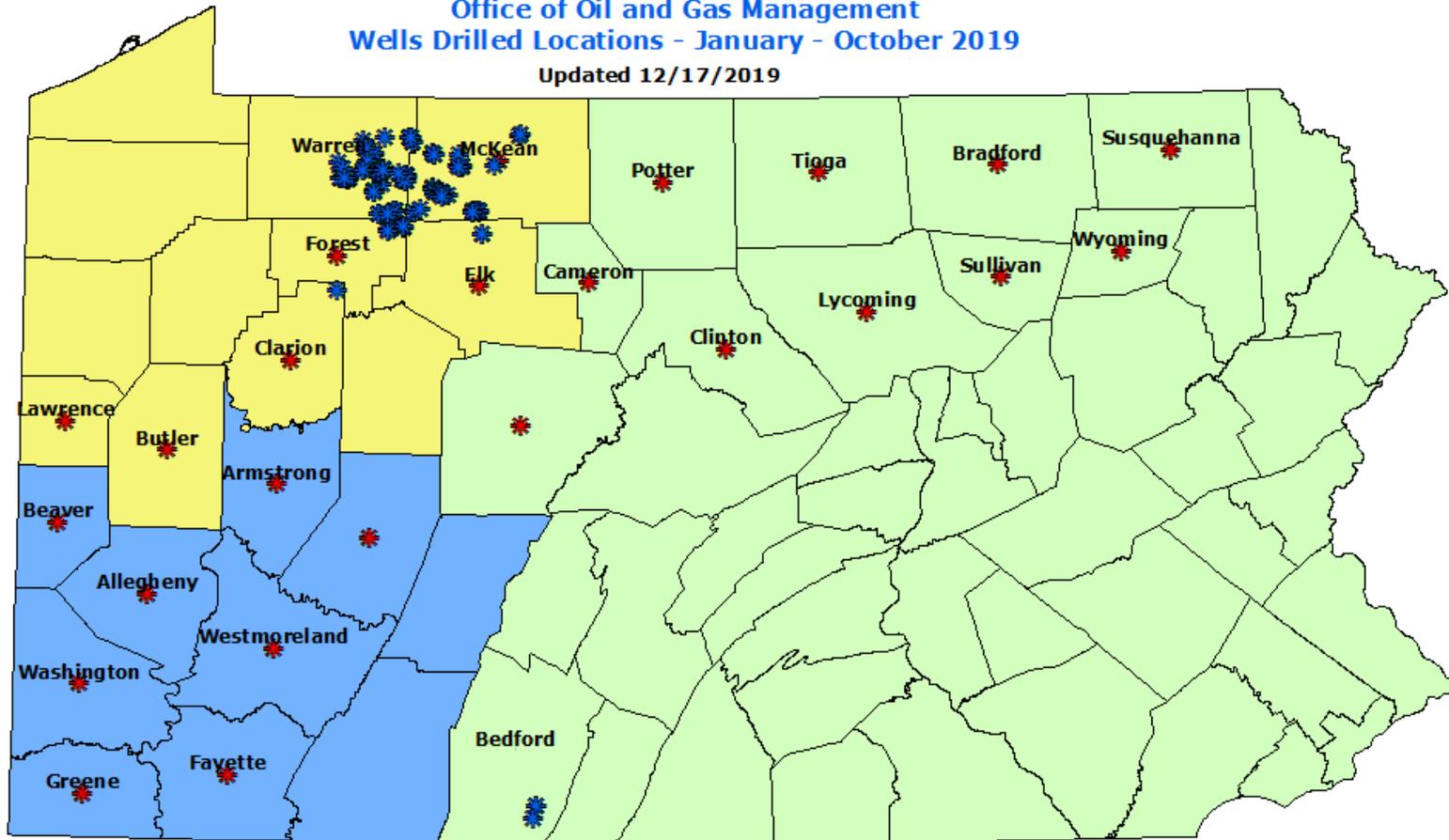
Updated 12/17/2019



(Conventional) - 155 + (Unconventional) - 542 = Total - 697

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - October 2019

Updated 12/17/2019



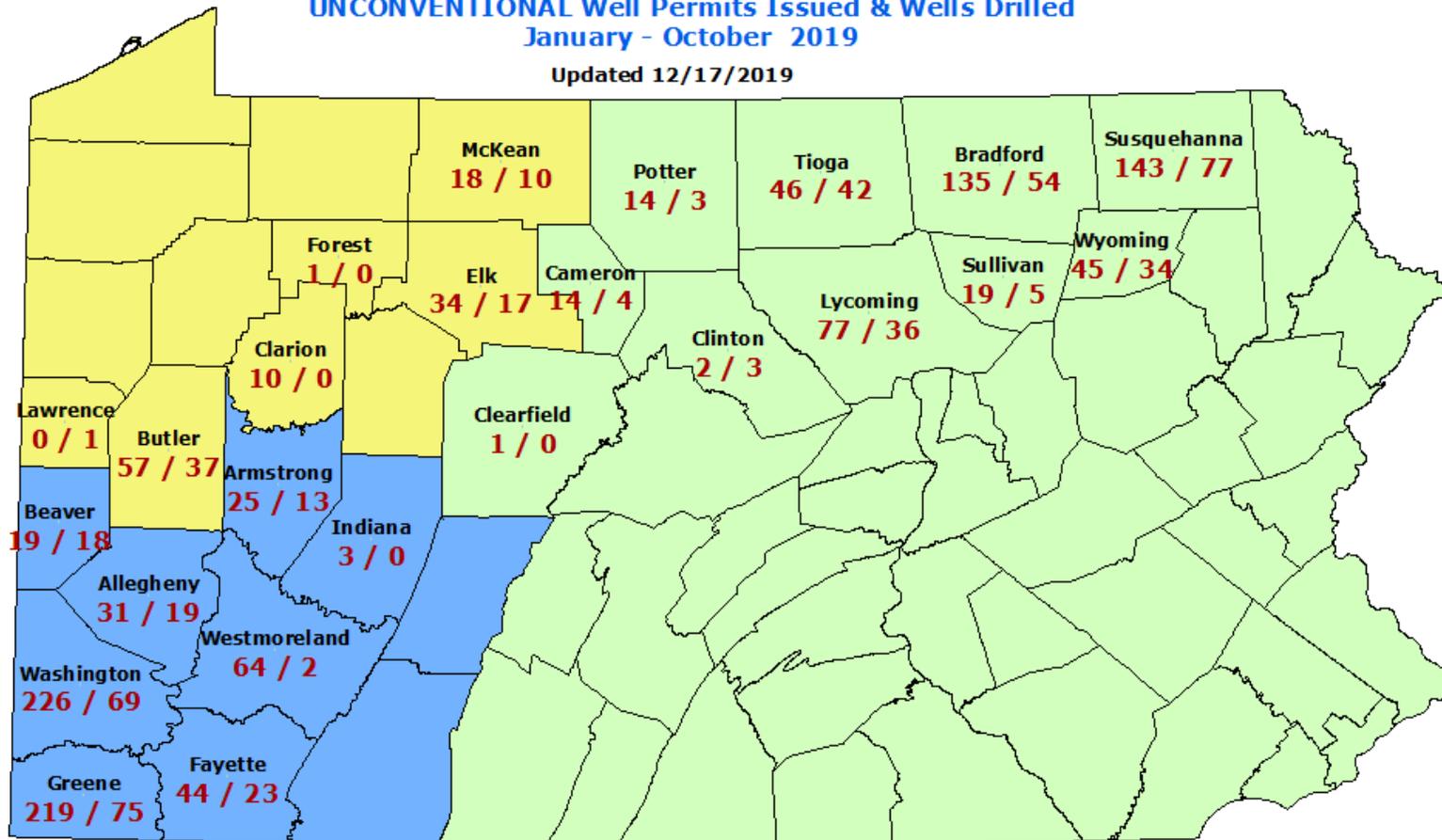
 Conventional Wells

 Unconventional Wells

(Conventional) - 155 + (Unconventional) - 542 = Total - 697

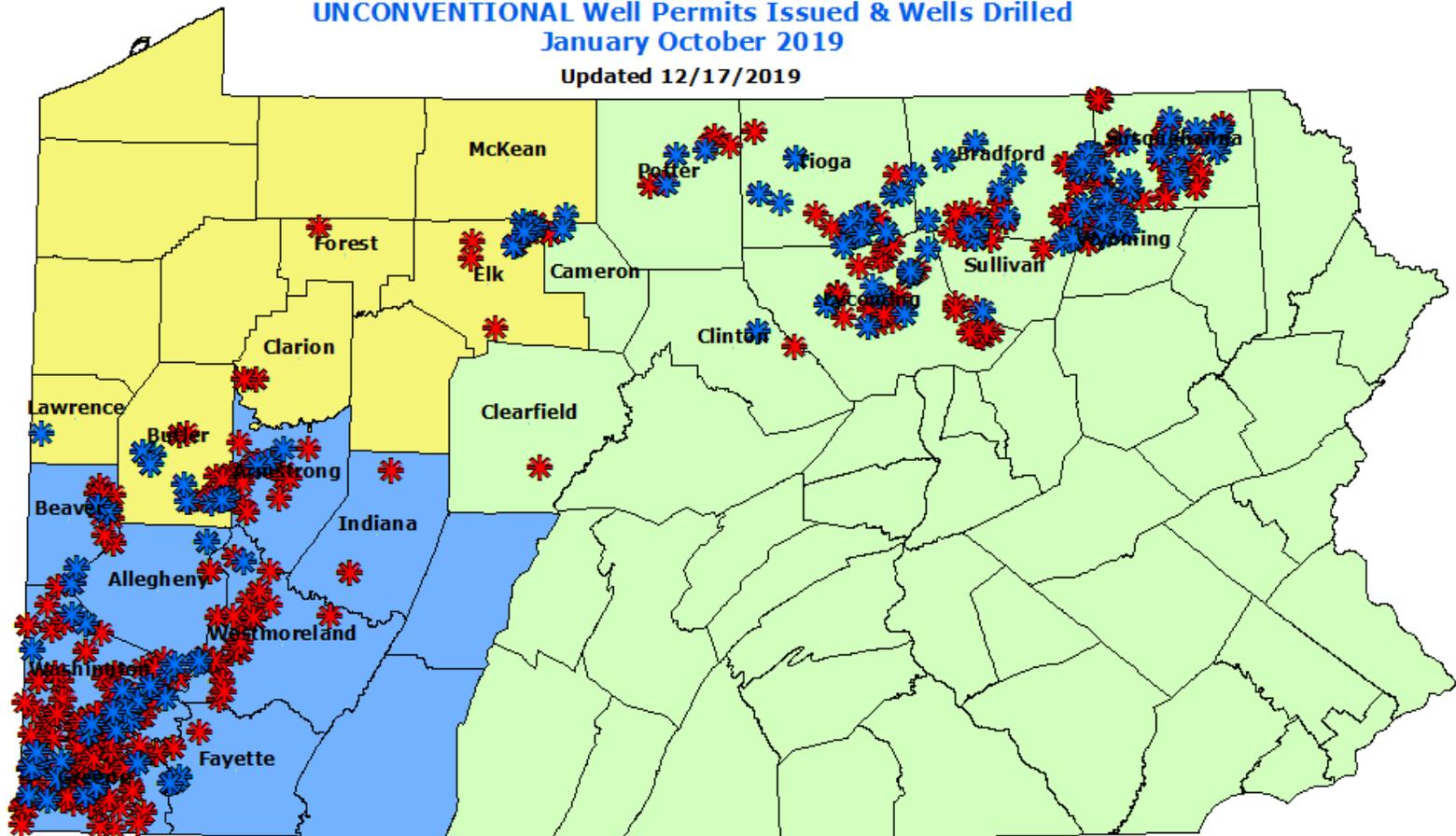
Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - October 2019

Updated 12/17/2019



Unconventional Permits Issued - 1247 Unconventional Wells Drilled - 542

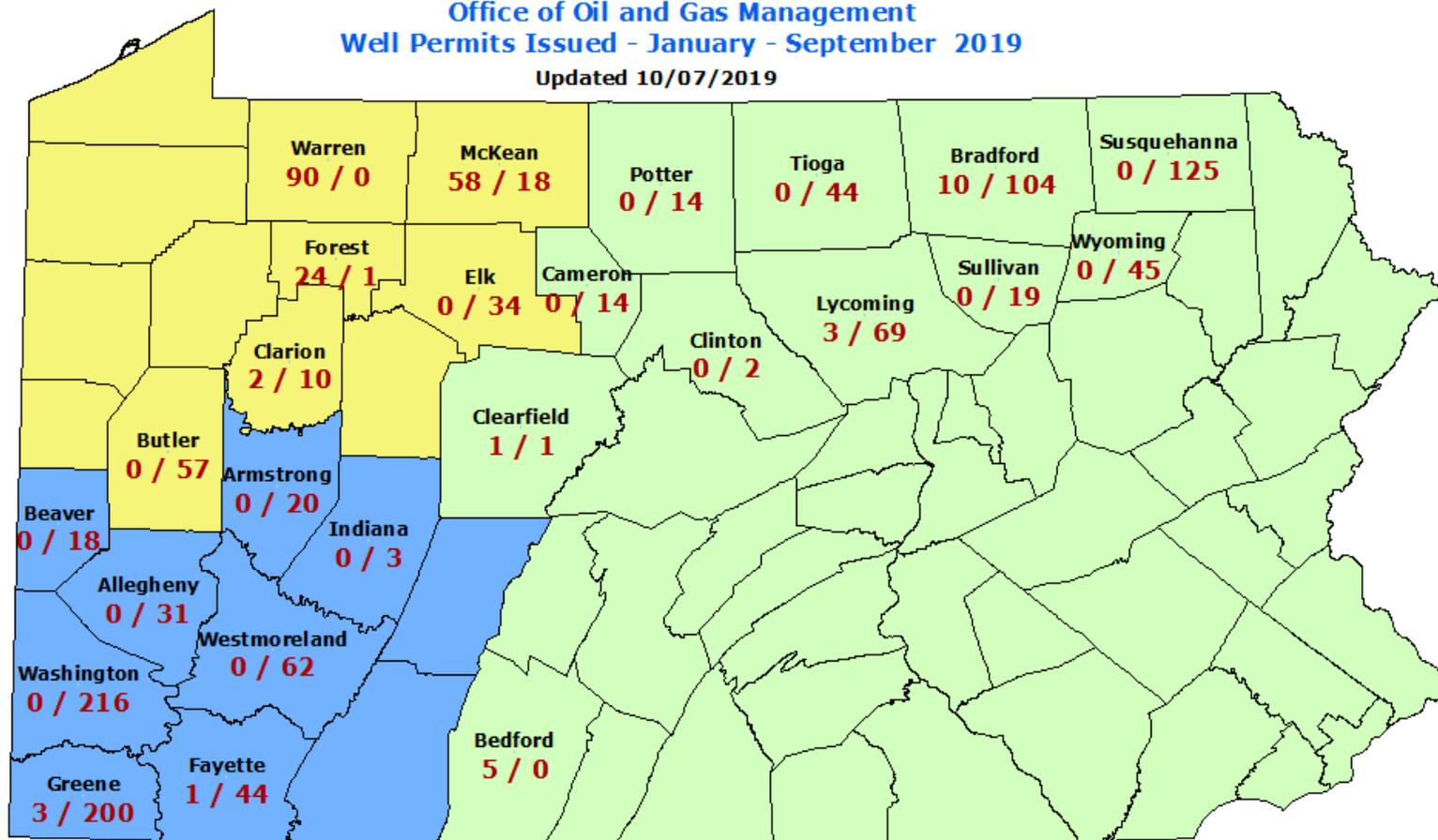
Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January October 2019
Updated 12/17/2019



Unconventional Permits Issued - 1247 Unconventional Wells Drilled - 542

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - September 2019

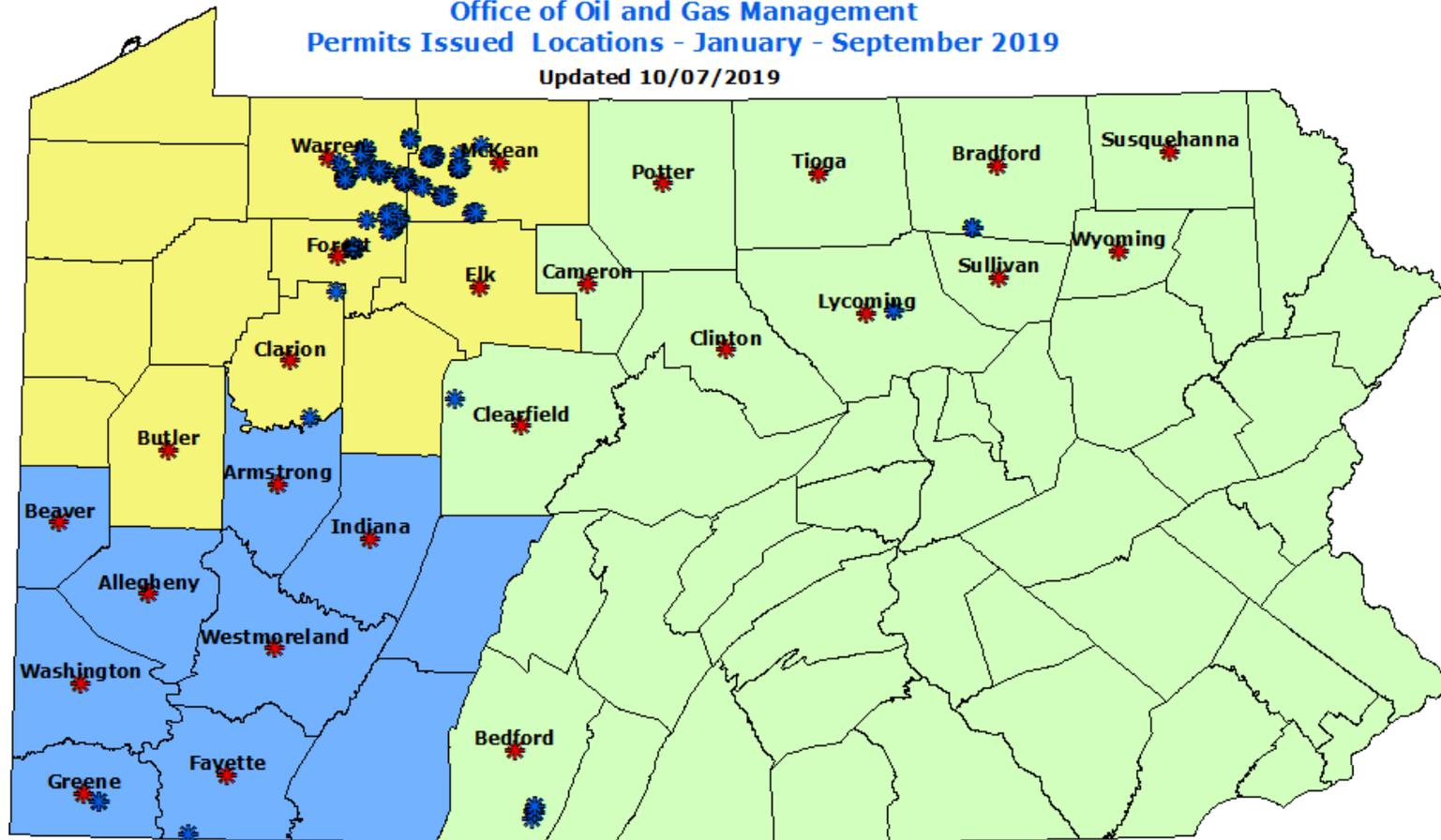
Updated 10/07/2019



Conventional - 197 + Unconventional - 1151 = Total - 1348

Department of Environmental Protection
Office of Oil and Gas Management
Permits Issued Locations - January - September 2019

Updated 10/07/2019



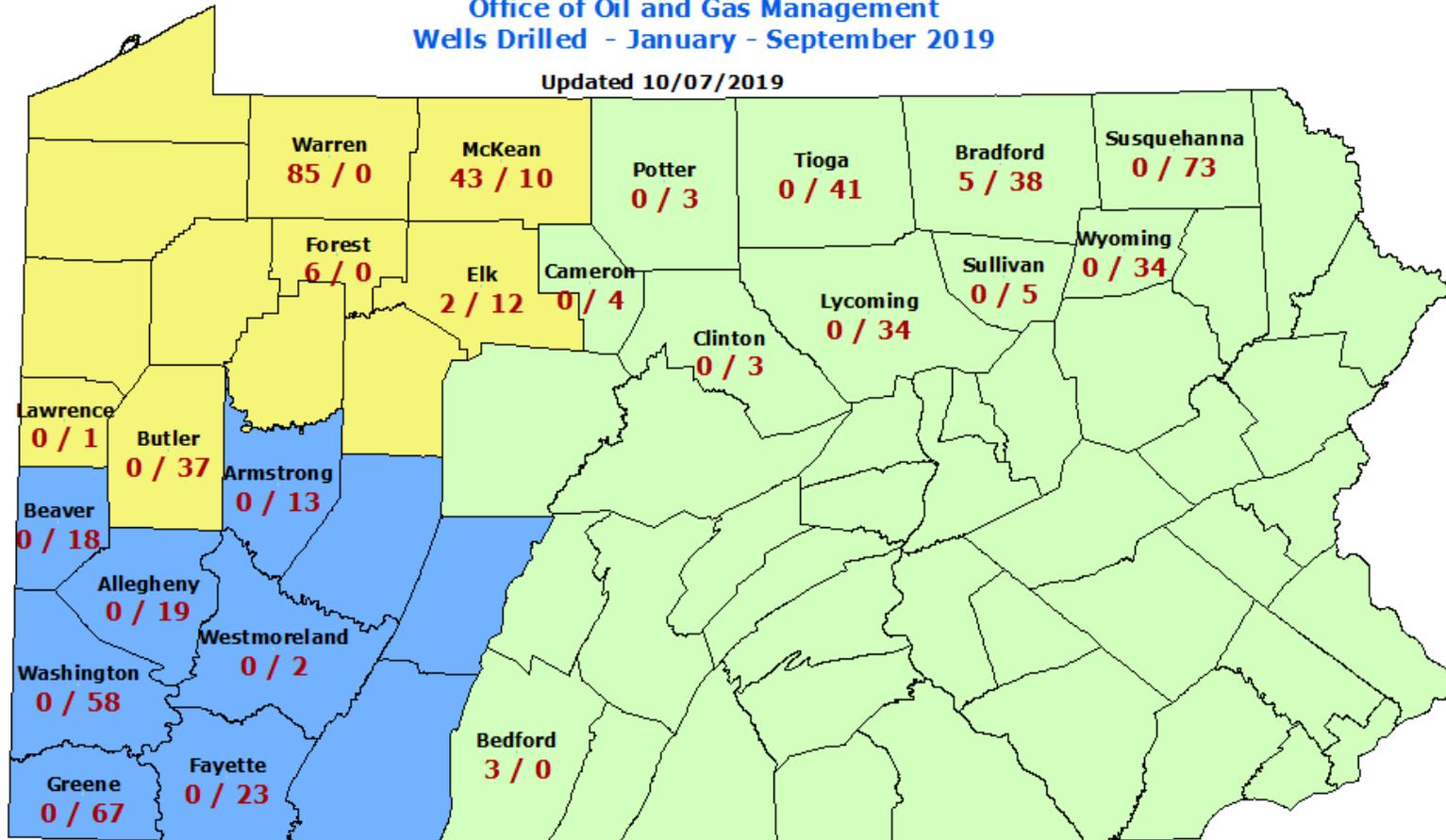
 Conventional Wells

 Unconventional Wells

Conventional - 197 + Unconventional - 1151 = Total - 1348

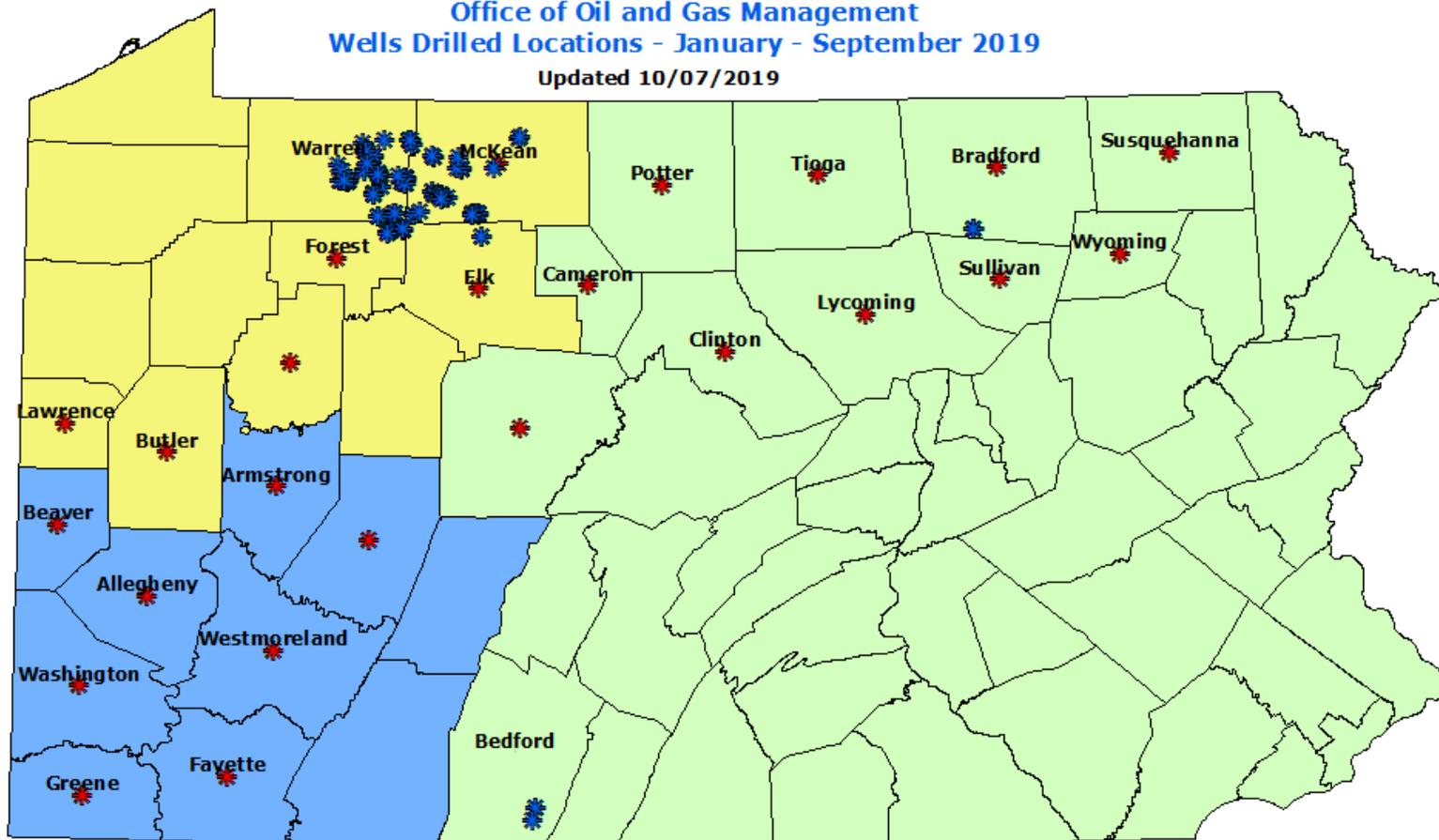
Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - September 2019

Updated 10/07/2019



(Conventional) - 144 + (Unconventional) - 495 = Total - 639

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - September 2019
Updated 10/07/2019



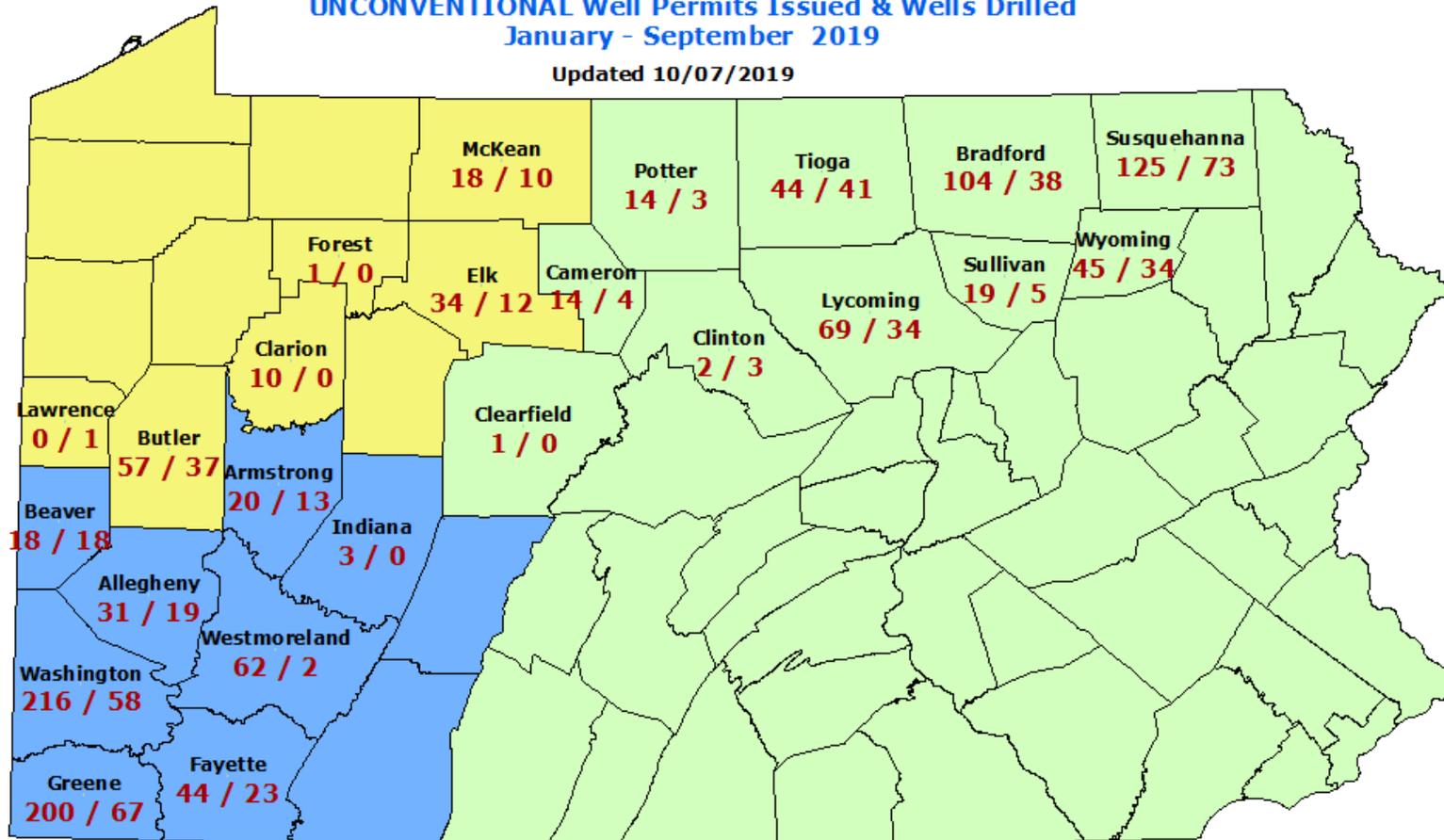
 Conventional Wells

 Unconventional Wells

(Conventional) - 144 + (Unconventional) - 495 = Total - 639

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - September 2019

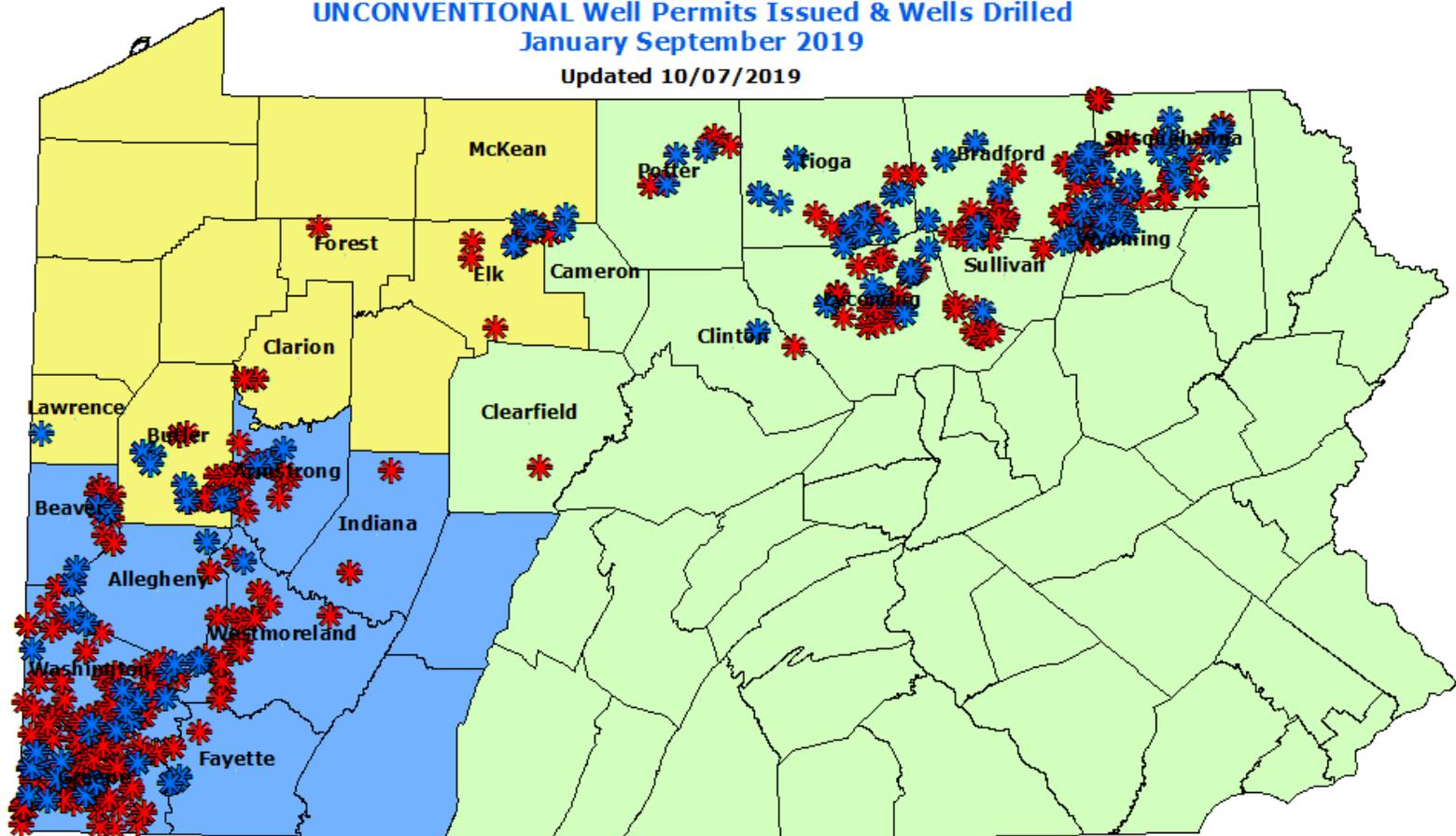
Updated 10/07/2019



Unconventional Permits Issued - 1151 Unconventional Wells Drilled - 495

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January September 2019

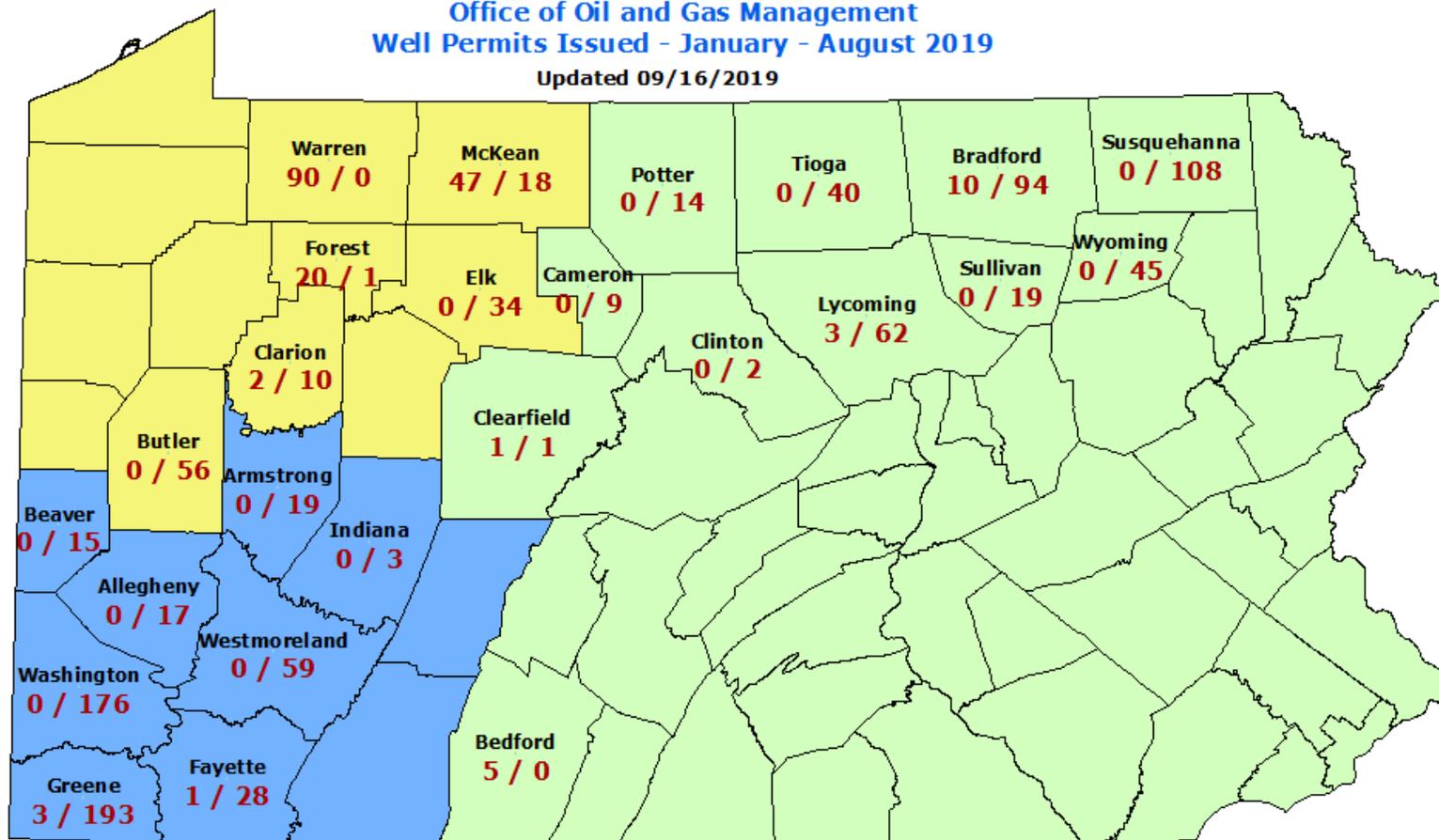
Updated 10/07/2019



Unconventional Permits Issued - 1151 Unconventional Wells Drilled - 495

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - August 2019

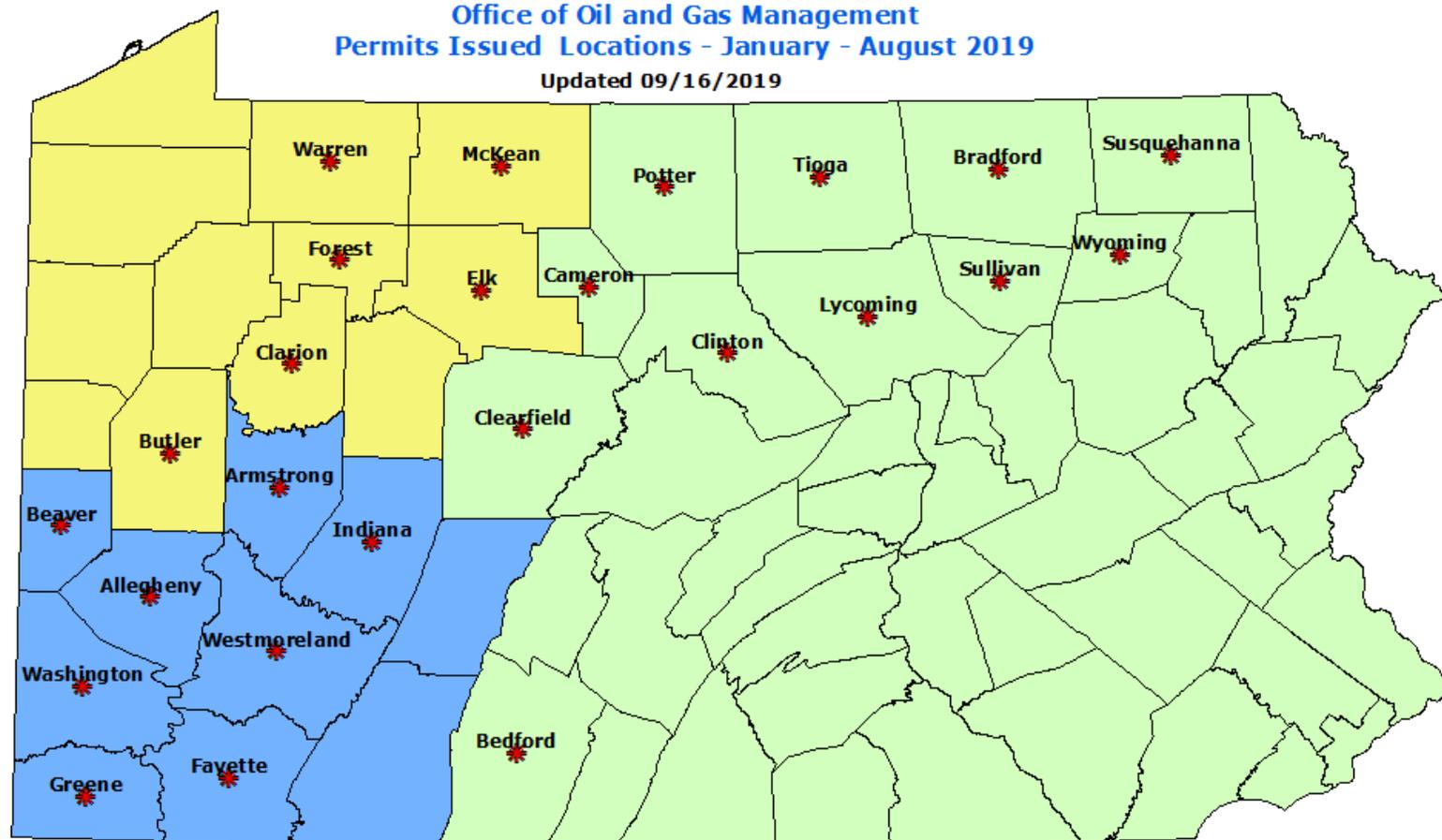
Updated 09/16/2019



Conventional - 182 + Unconventional - 1023 = Total - 1205

Department of Environmental Protection
Office of Oil and Gas Management
Permits Issued Locations - January - August 2019

Updated 09/16/2019



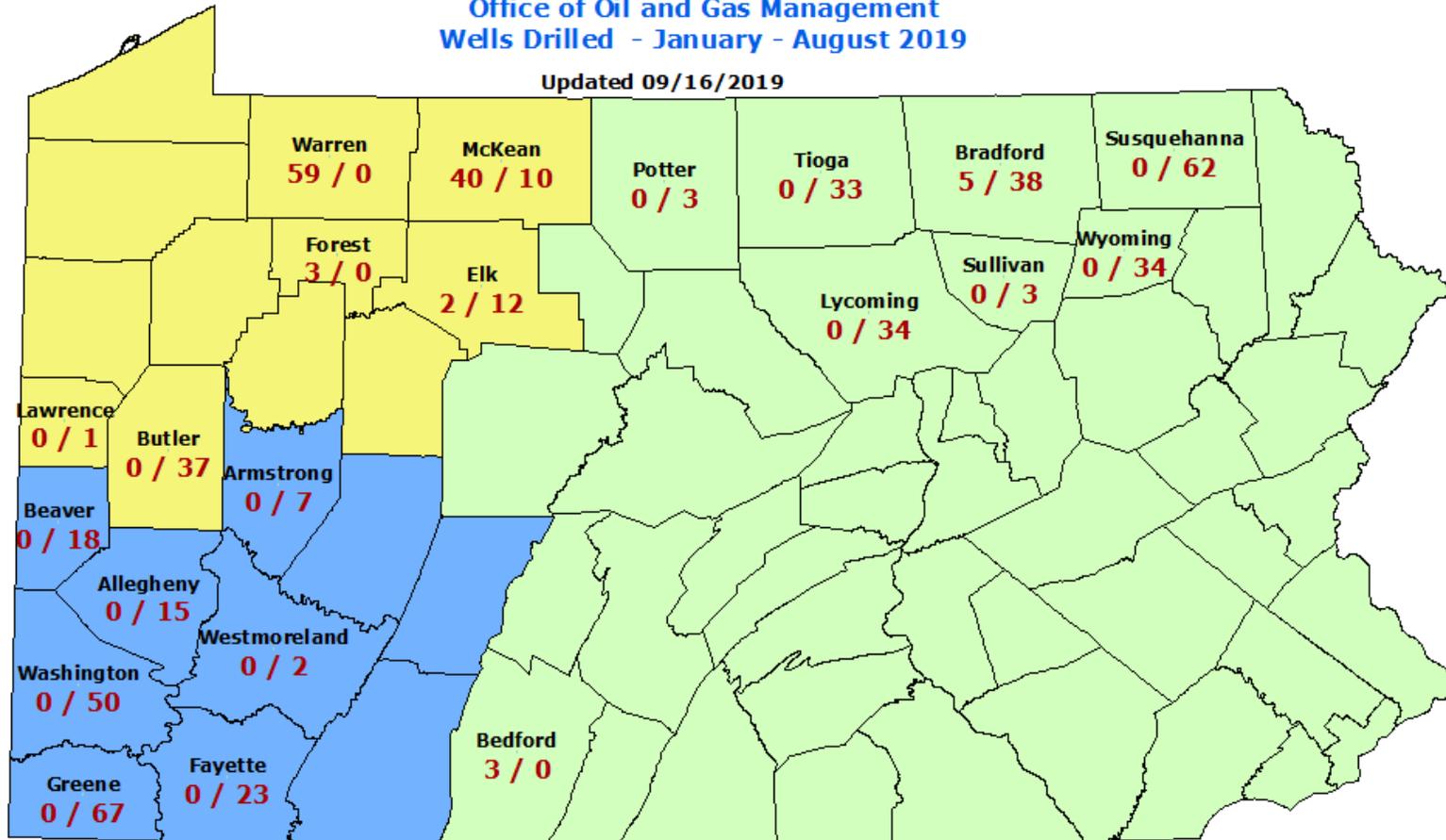
* Conventional Wells

* Unconventional Wells

Conventional - 182 + Unconventional - 1023 = Total - 1205

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - August 2019

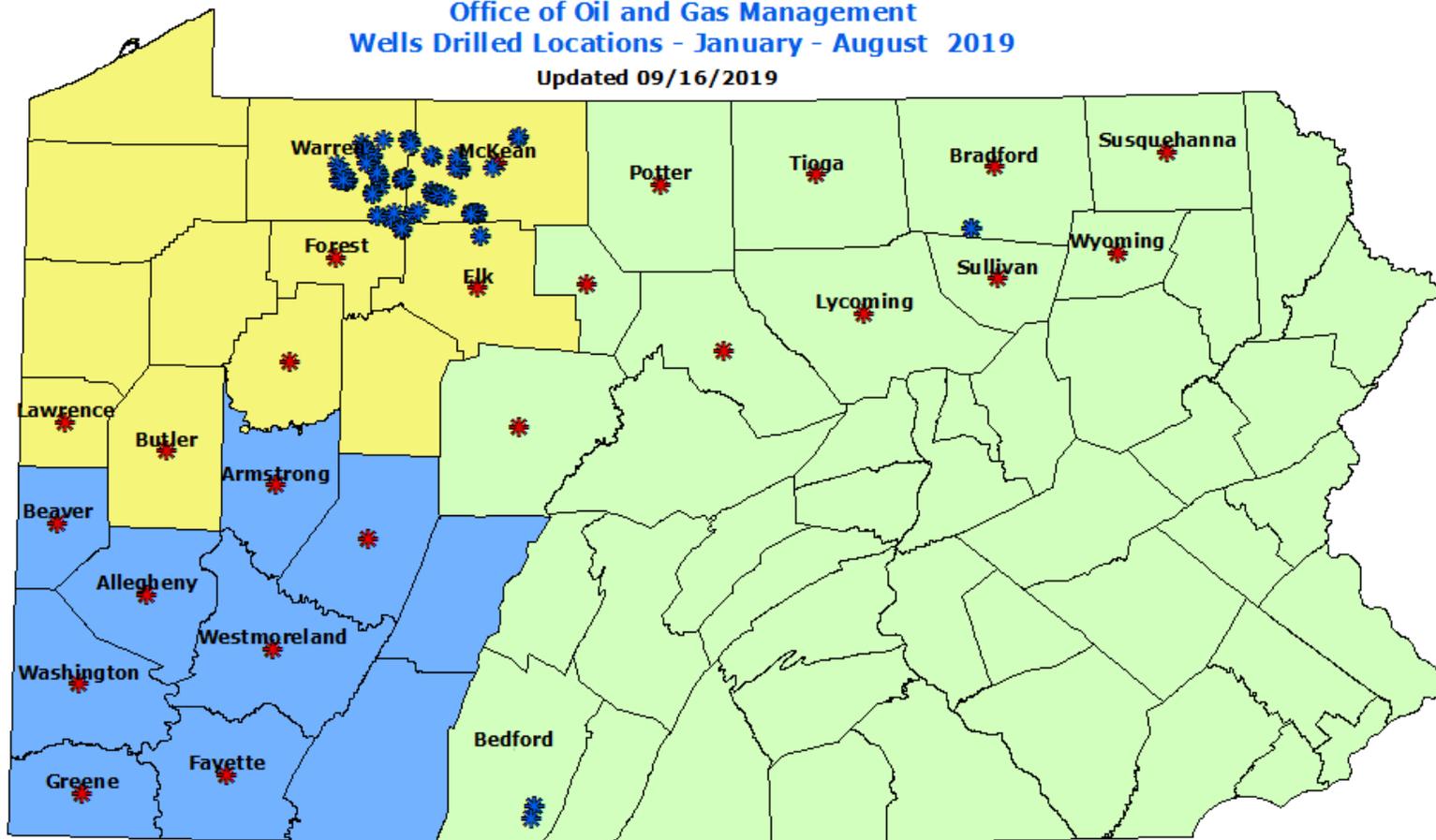
Updated 09/16/2019



(Conventional) - 112 + (Unconventional) - 449 = Total - 561

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - August 2019

Updated 09/16/2019



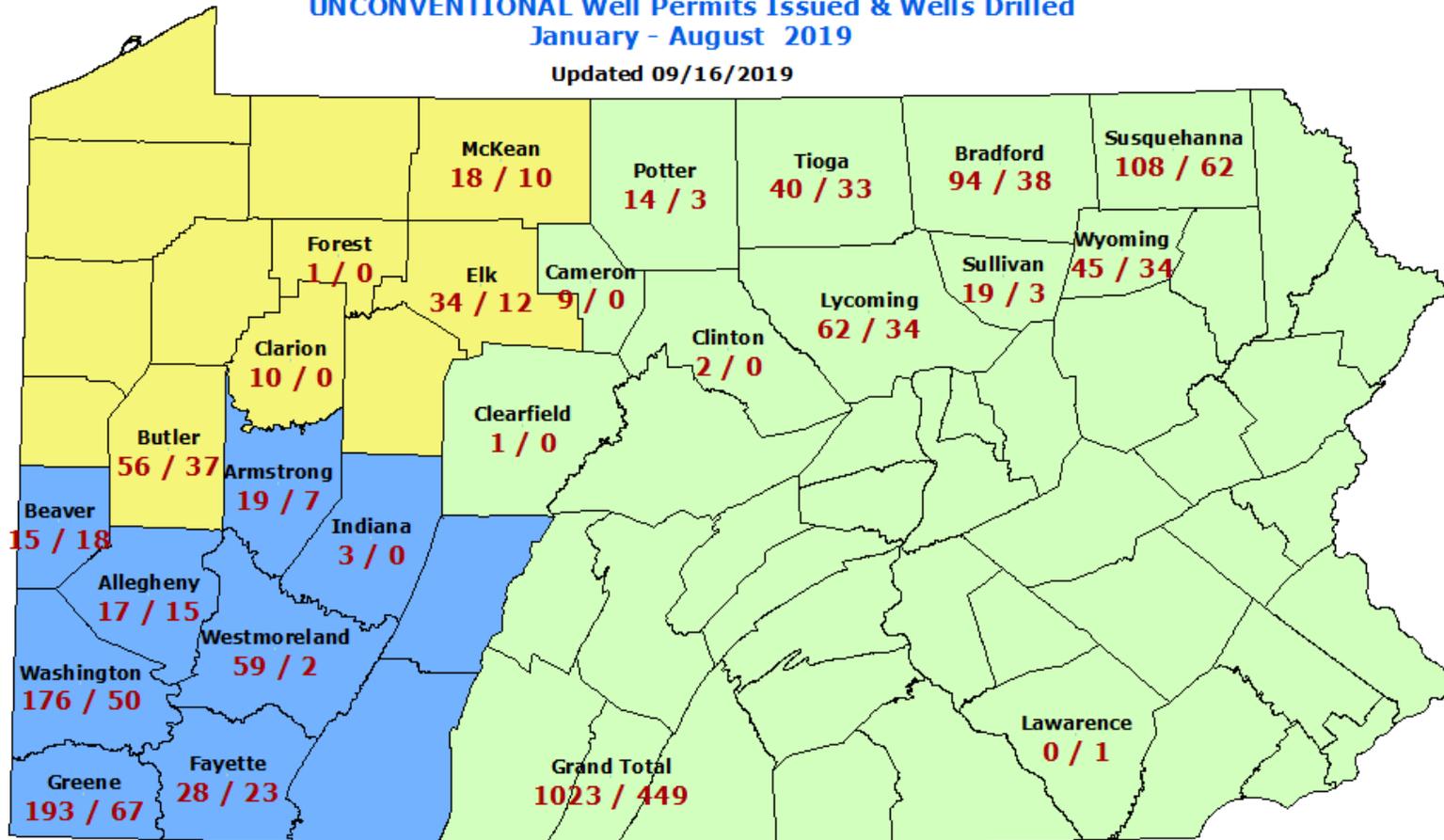
 Conventional Wells

 Unconventional Wells

(Conventional) - 112 + (Unconventional) - 449 = Total - 561

Department of Environmental Protection
 Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
 January - August 2019

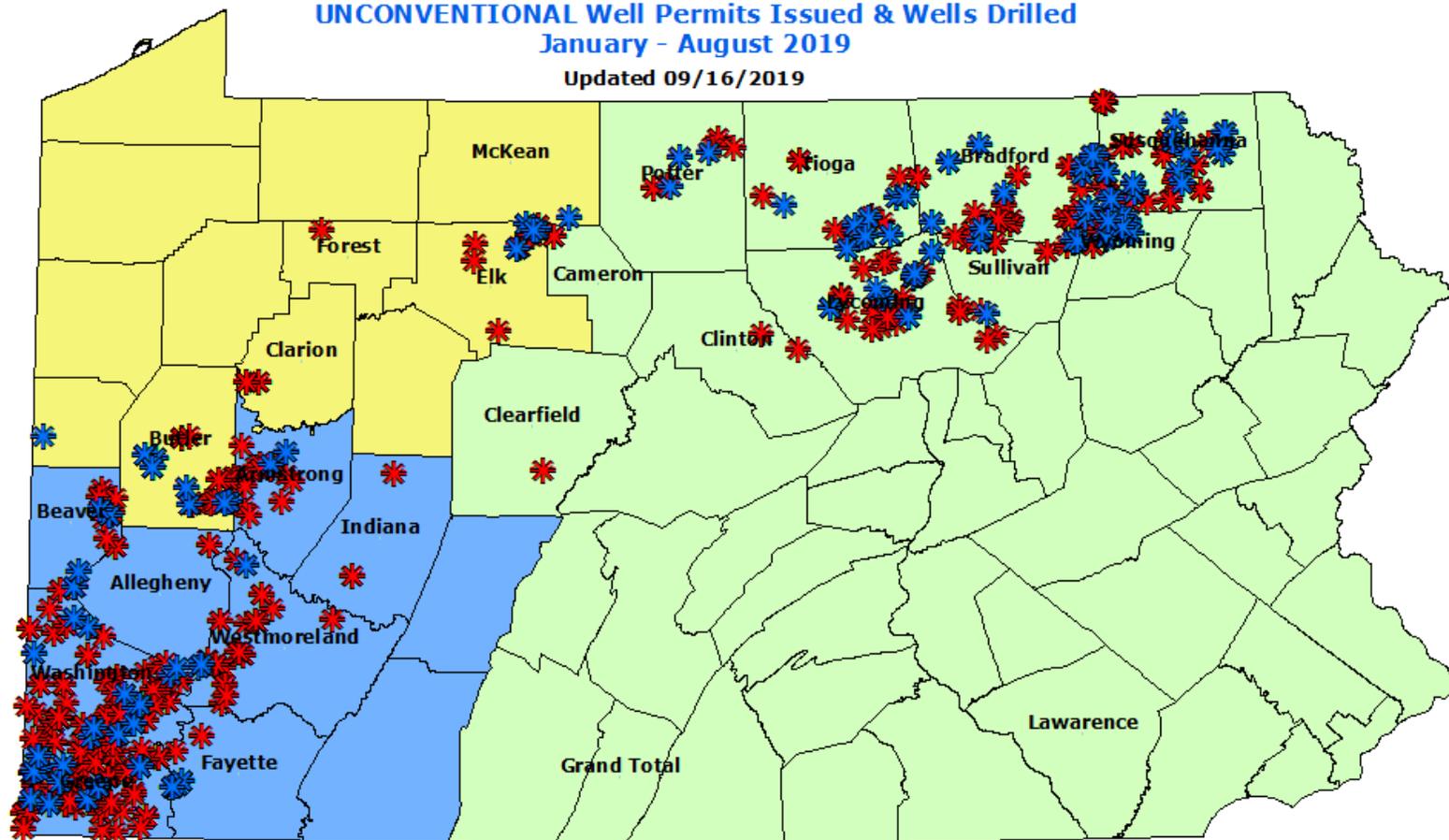
Updated 09/16/2019



Unconventional Permits Issued - 1023 Unconventional Wells Drilled - 449

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - August 2019

Updated 09/16/2019



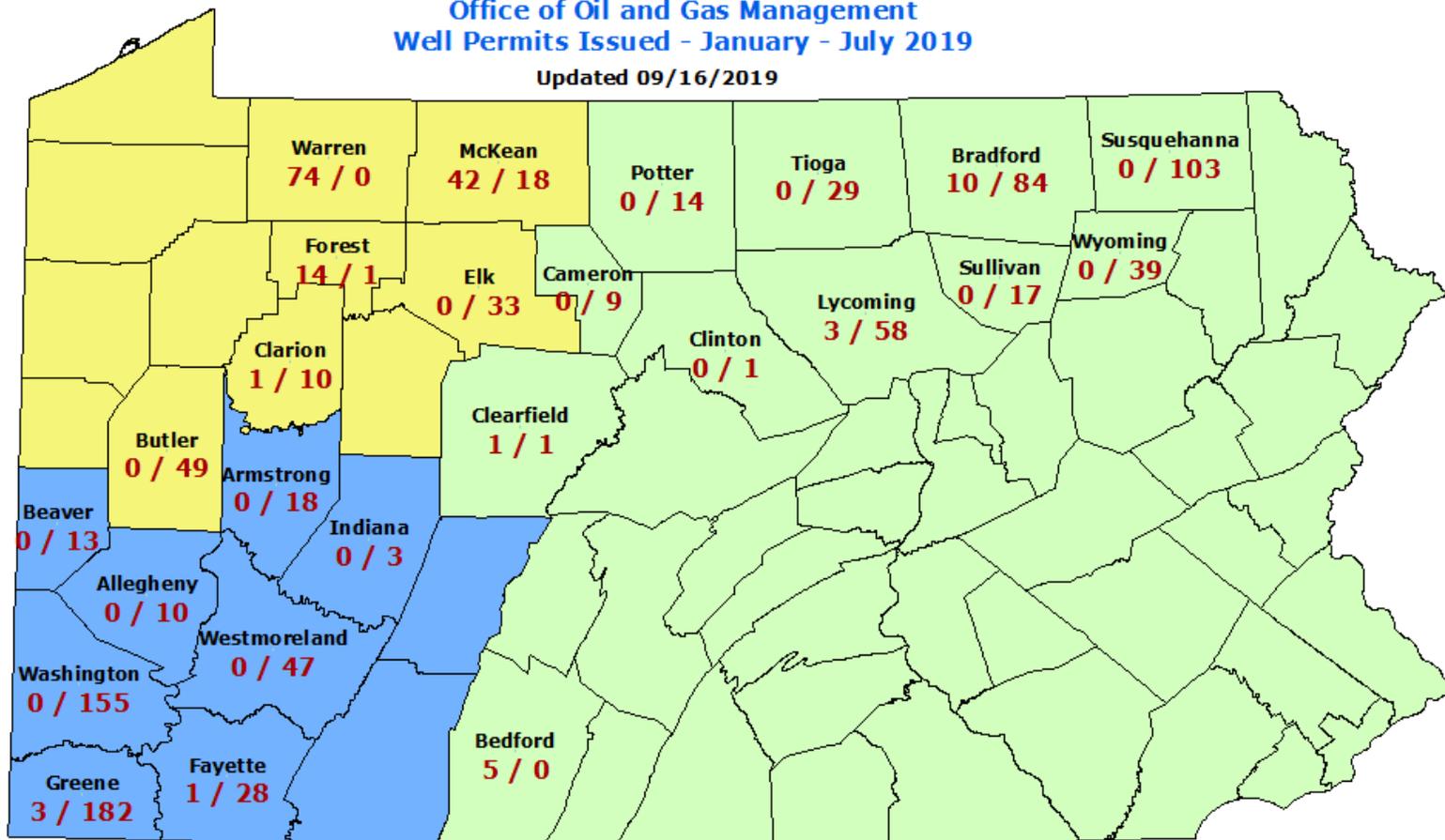
Unconventional Permits Issued - 1023



Unconventional Wells Drilled - 449

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - July 2019

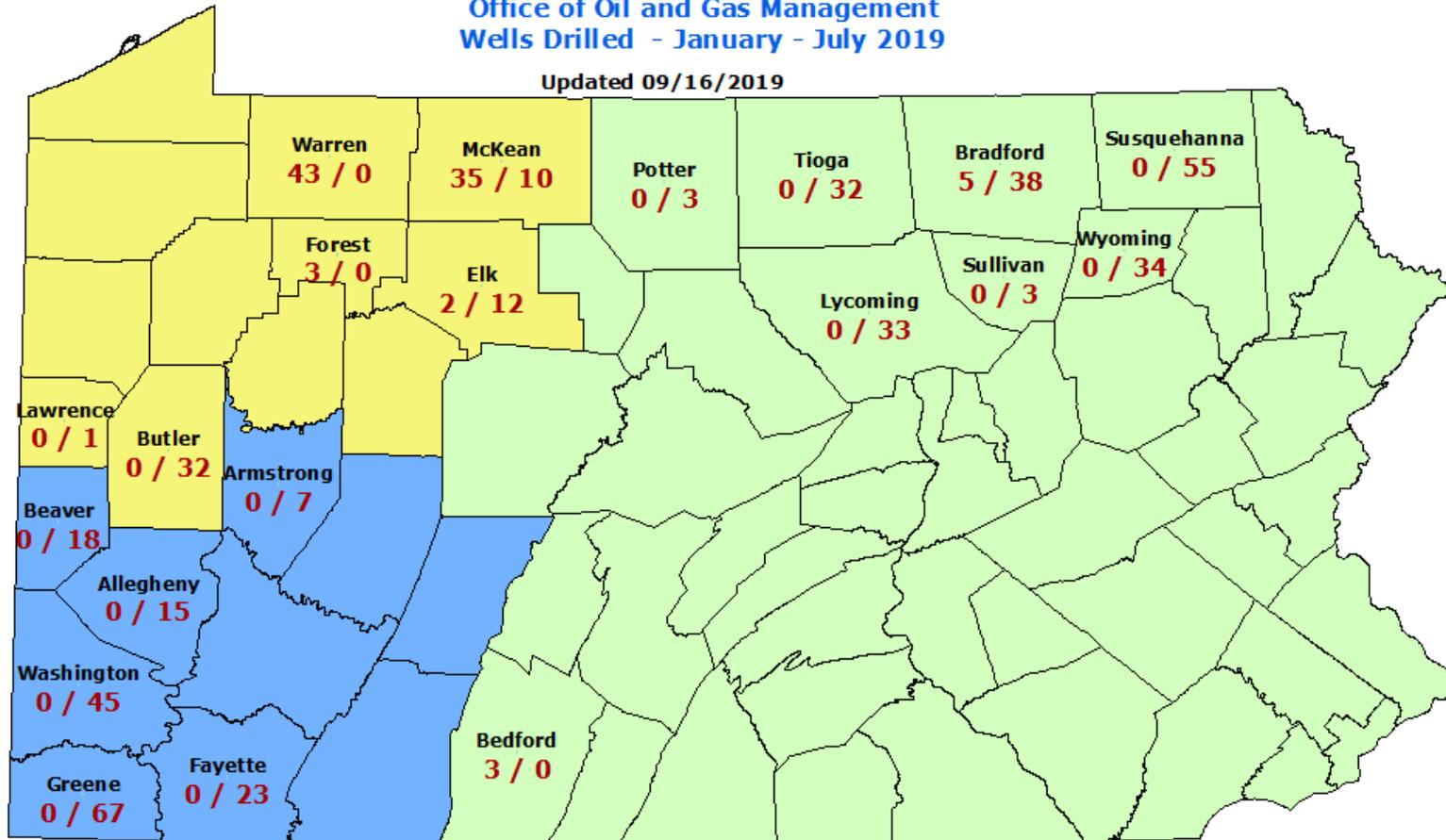
Updated 09/16/2019



Conventional - 154 + Unconventional - 922 = Total - 1076

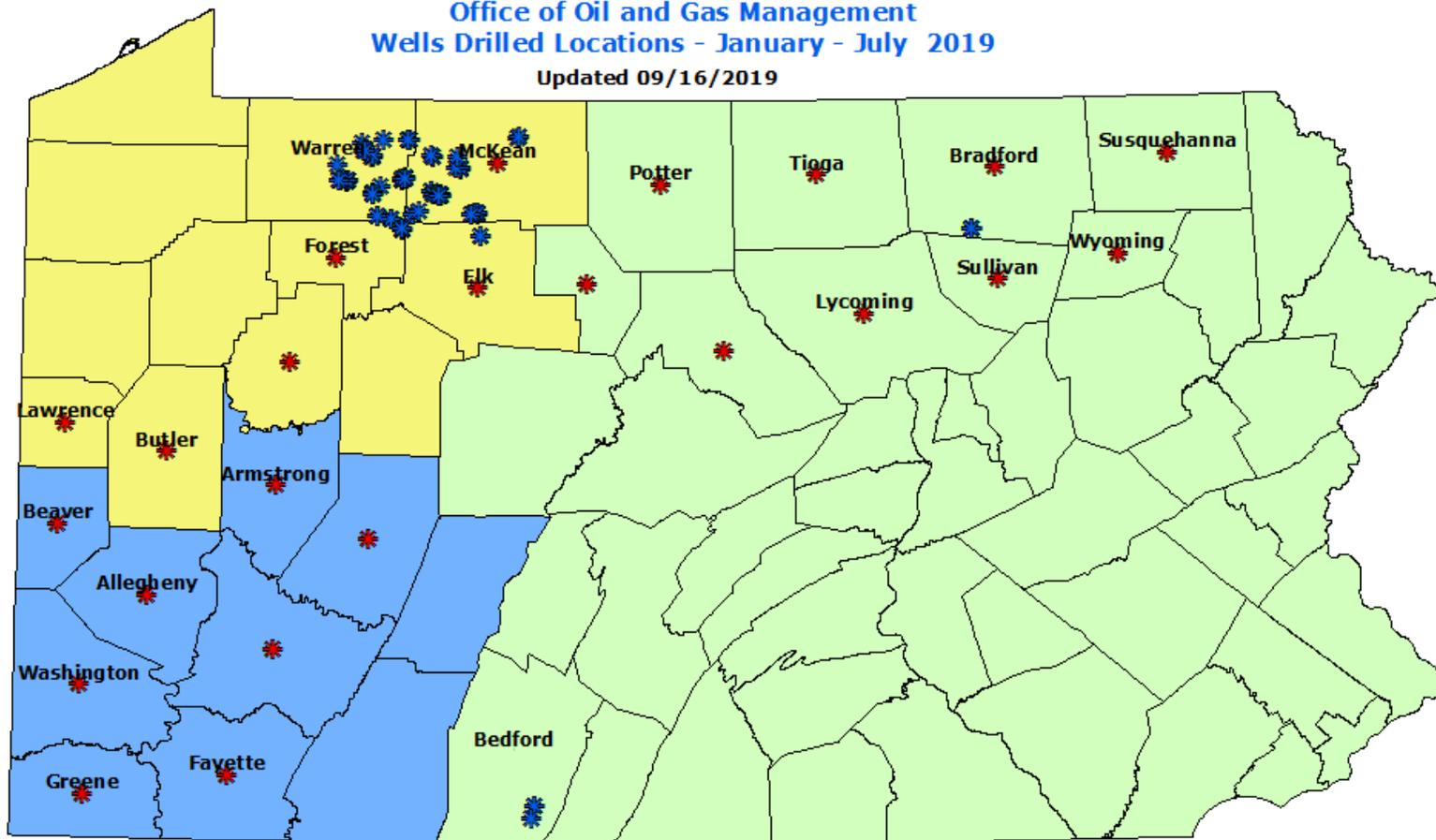
Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - July 2019

Updated 09/16/2019



(Conventional) - 91 + (Unconventional) - 428 = Total - 519

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - July 2019
Updated 09/16/2019



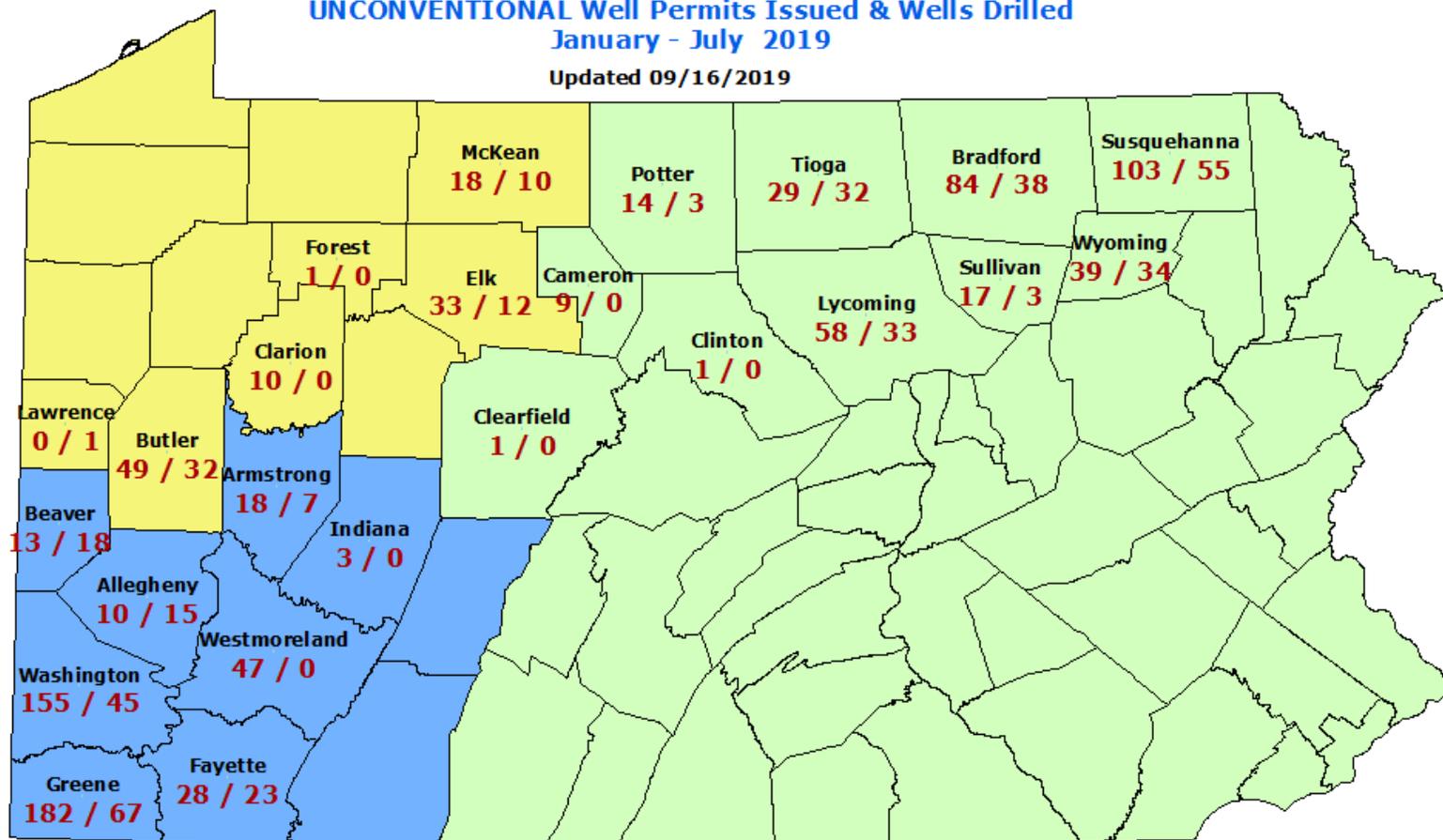
 Conventional Wells

 Unconventional Wells

$(\text{Conventional}) - 91 + (\text{Unconventional}) - 428 = \text{Total} - 519$

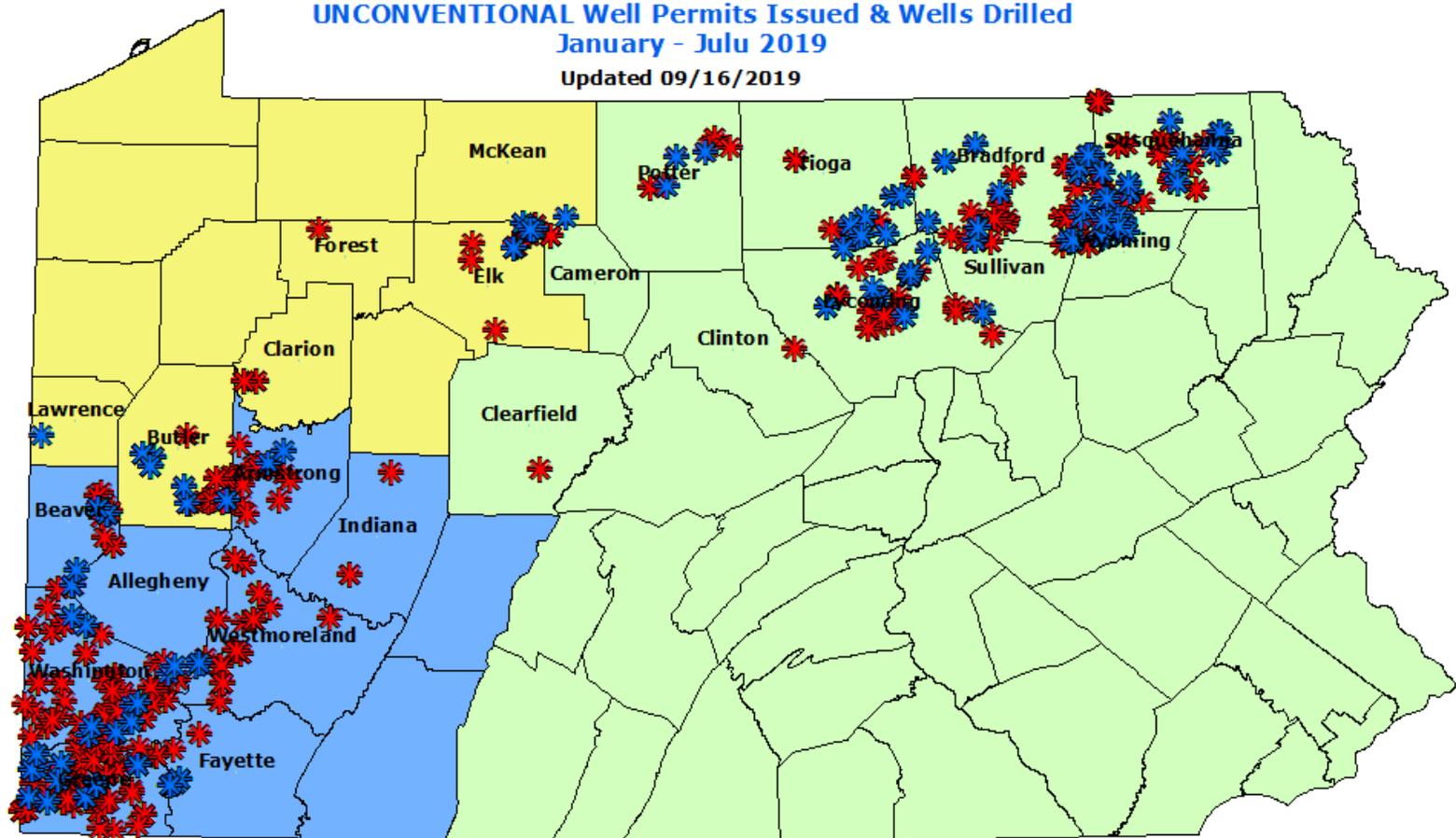
Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - July 2019

Updated 09/16/2019



Unconventional Permits Issued - 922 Unconventional Wells Drilled - 428

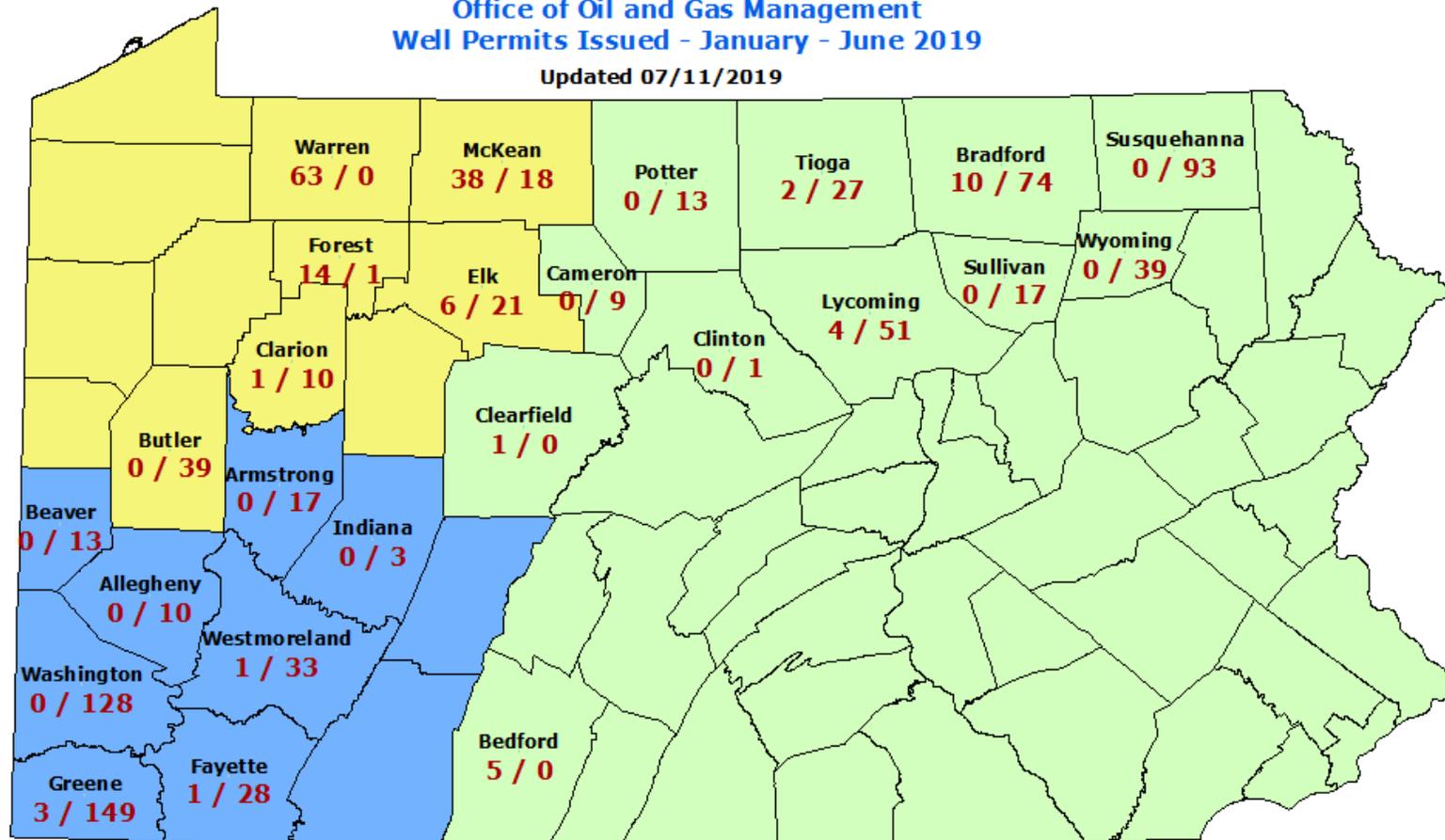
Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - July 2019
Updated 09/16/2019



Unconventional Permits Issued - 922 Unconventional Wells Drilled - 428

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - June 2019

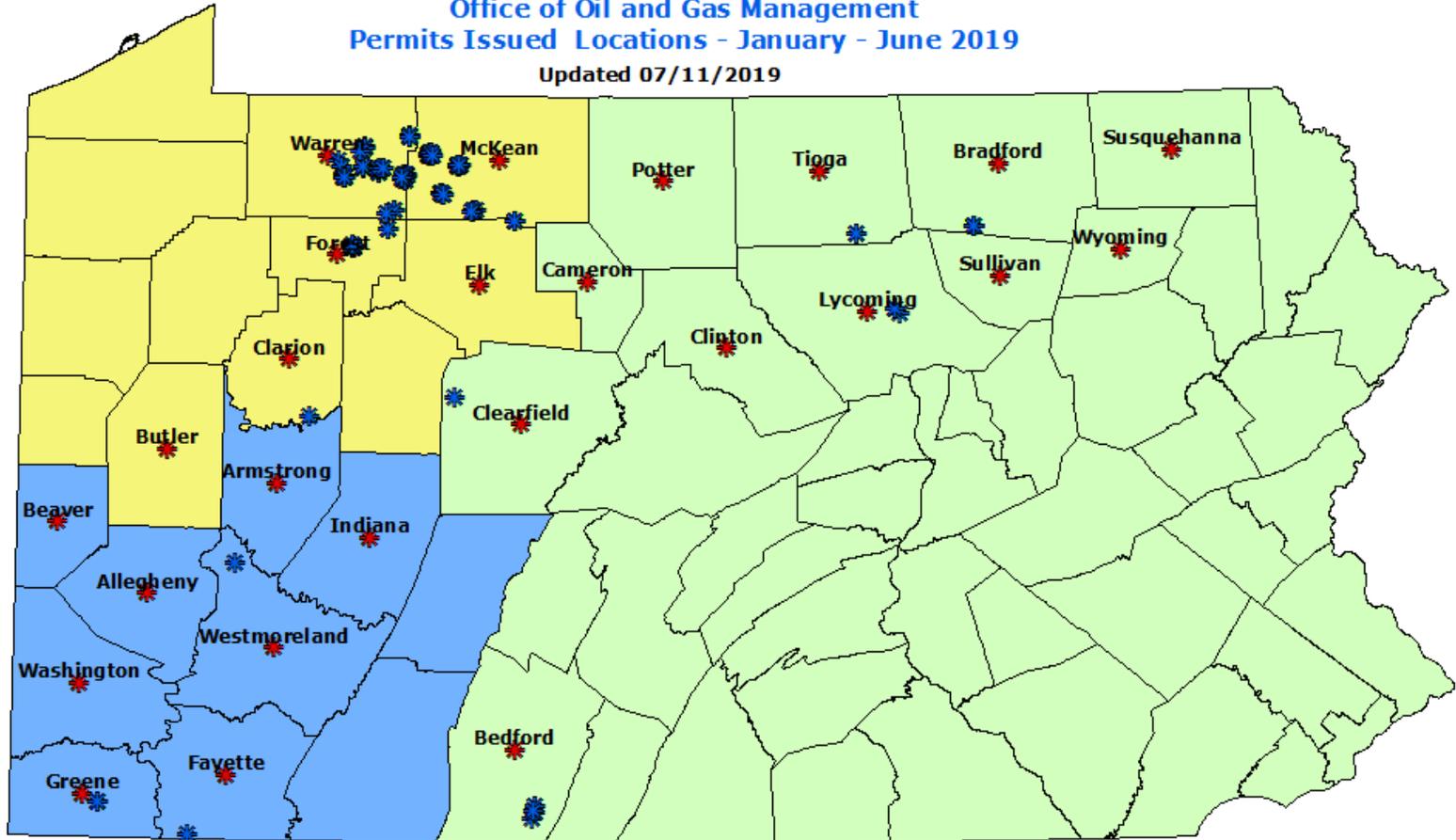
Updated 07/11/2019



Conventional - 149 + Unconventional - 794 = Total - 943

Department of Environmental Protection
Office of Oil and Gas Management
Permits Issued Locations - January - June 2019

Updated 07/11/2019



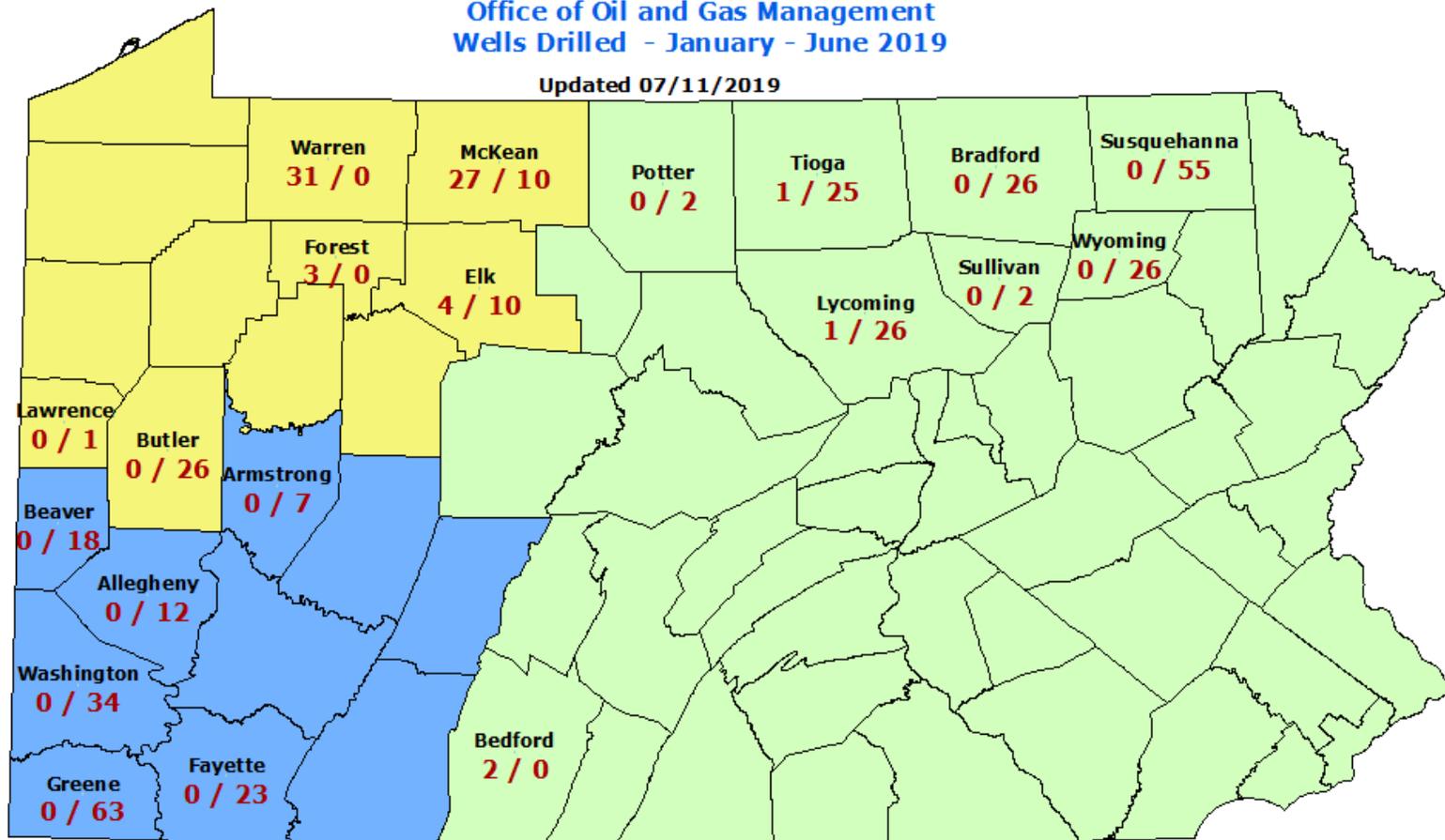
 Conventional Wells

 Unconventional Wells

Conventional - 149 + Unconventional - 794 = Total - 943

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - June 2019

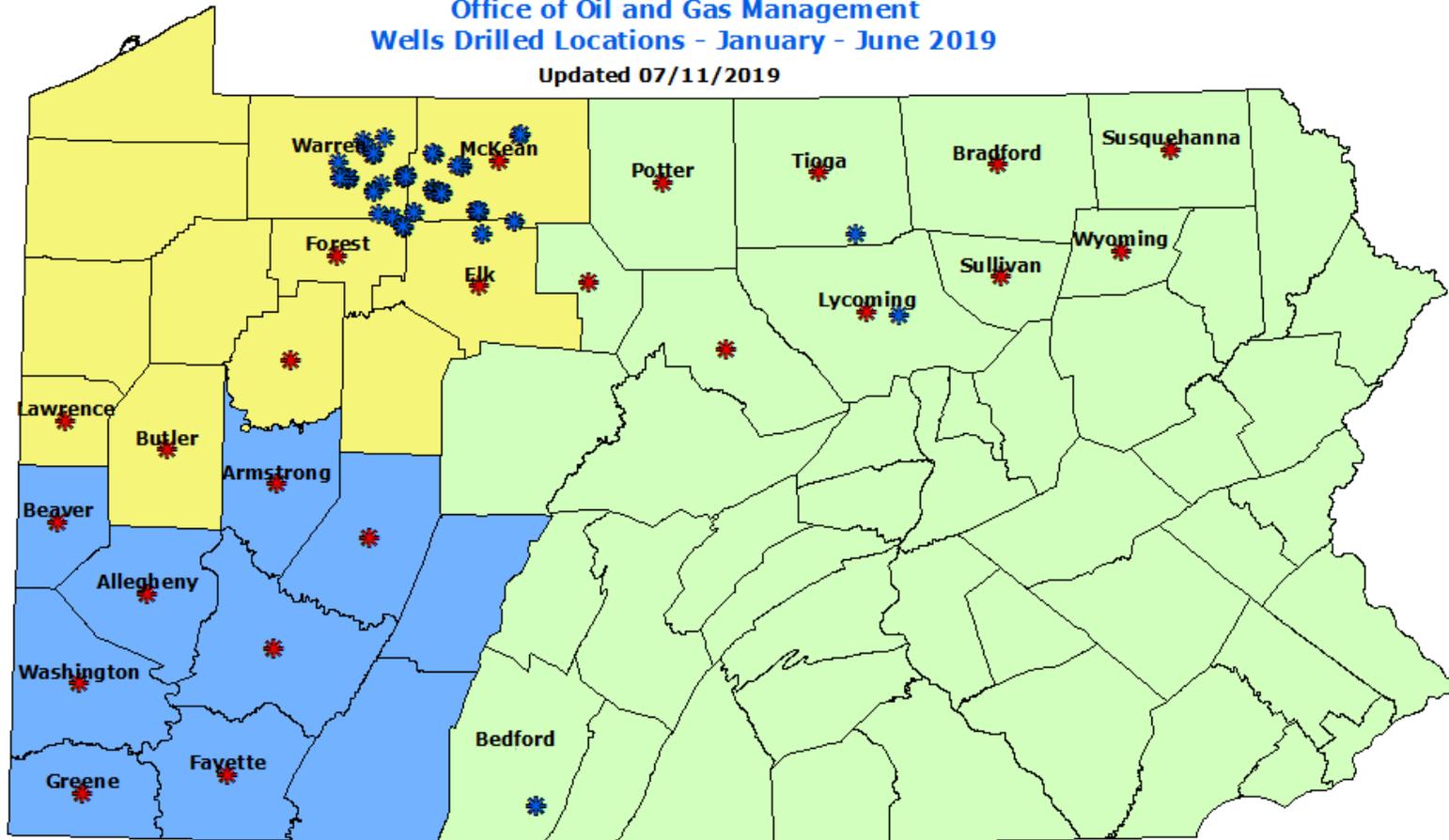
Updated 07/11/2019



(Conventional) - 69 + (Unconventional) - 366 = Total - 435

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - June 2019

Updated 07/11/2019



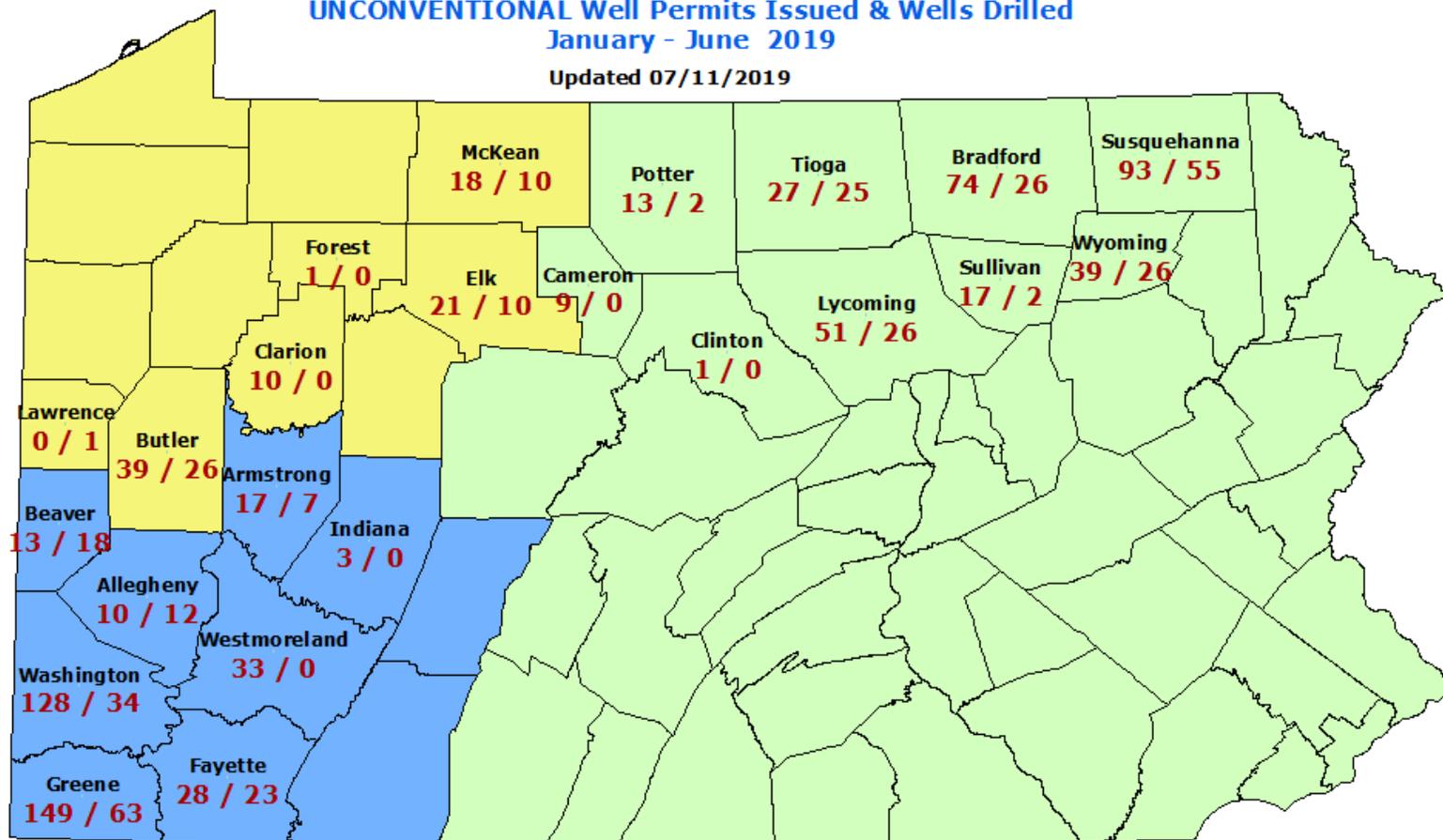
 Conventional Wells

 Unconventional Wells

(Conventional) - 69 + (Unconventional) - 366 = Total - 435

Department of Environmental Protection
 Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
 January - June 2019

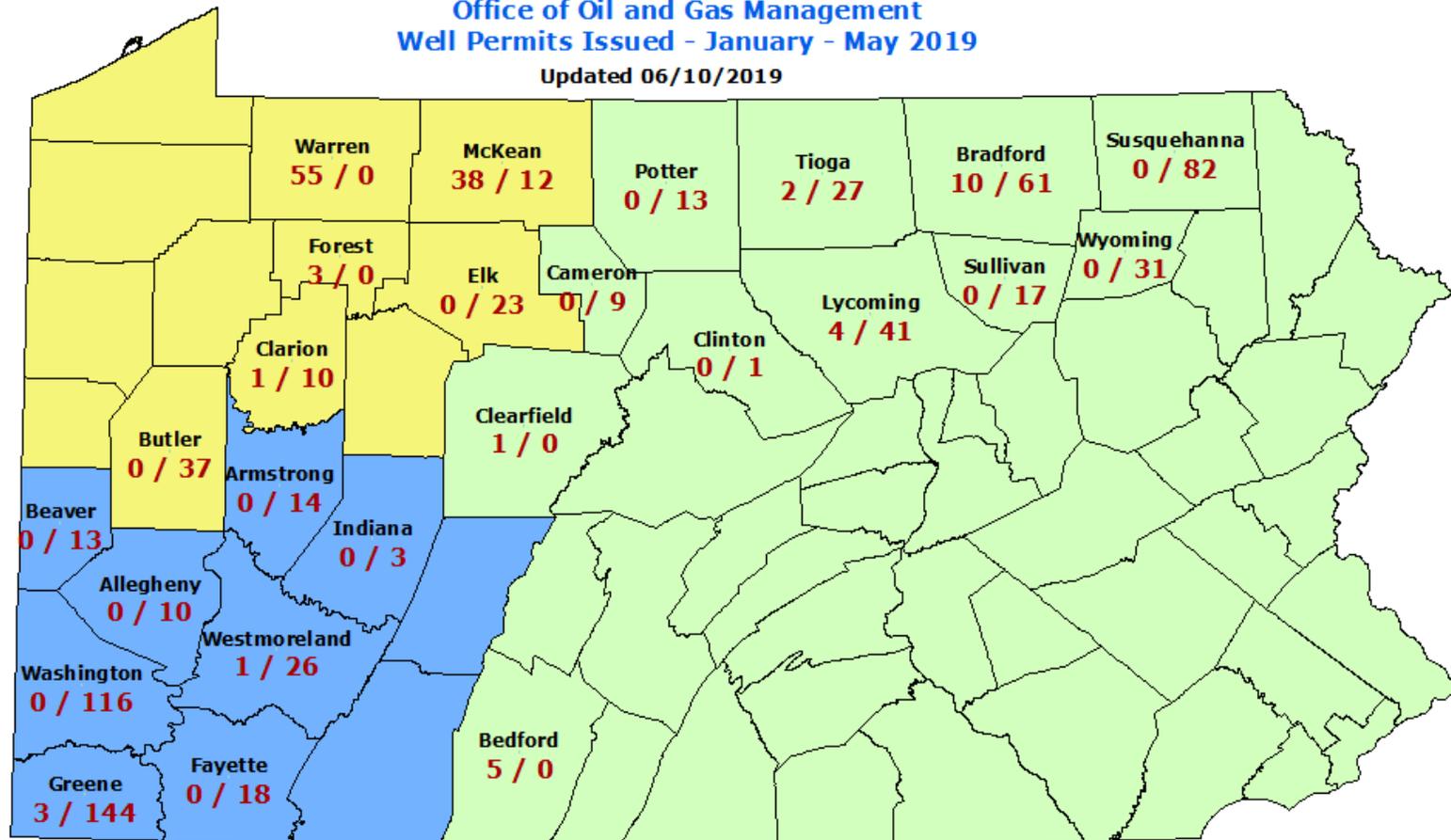
Updated 07/11/2019



Unconventional Permits Issued - 794 Unconventional Wells Drilled - 366

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - May 2019

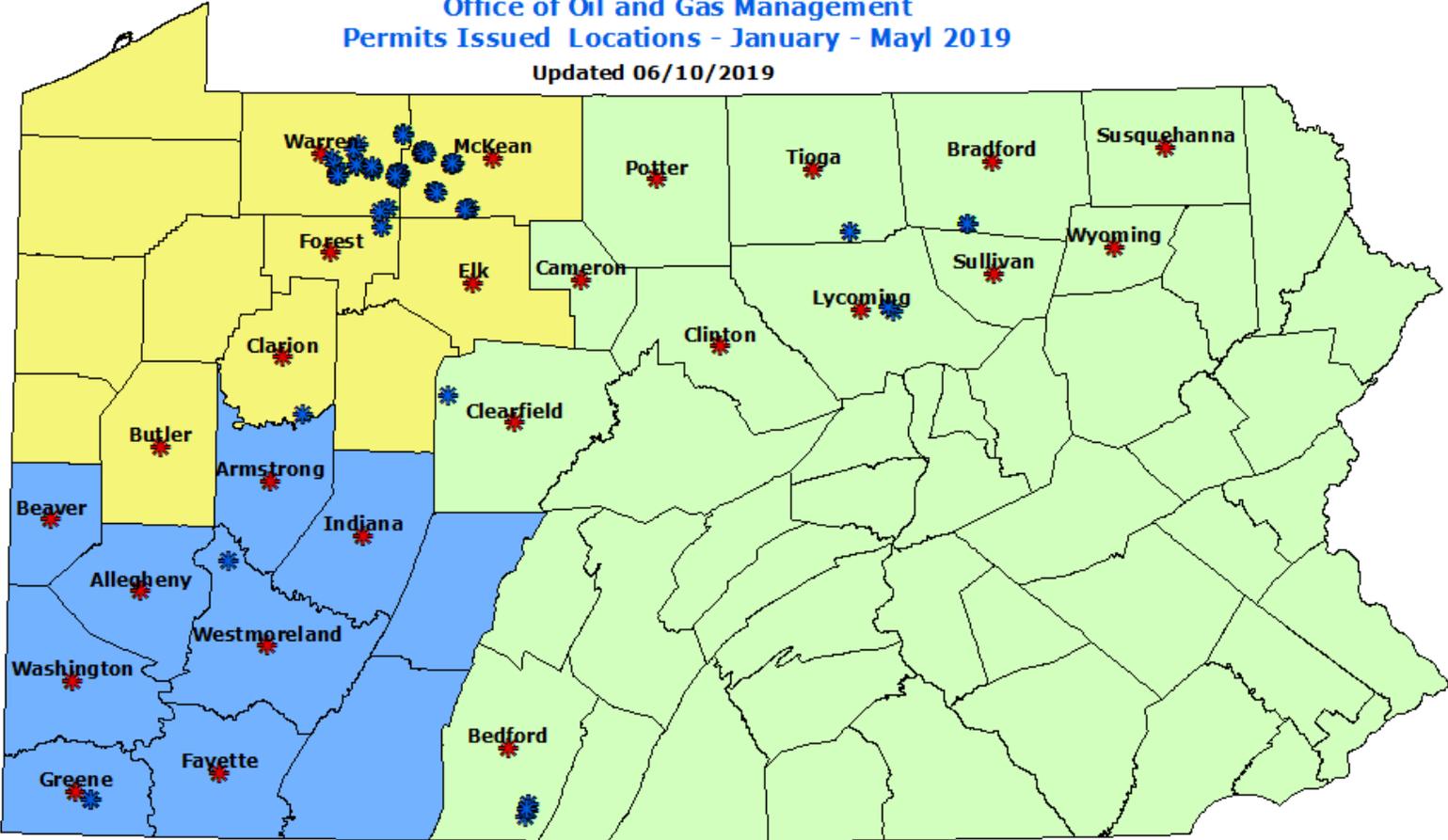
Updated 06/10/2019



Conventional - 123 + Unconventional - 708 = Total - 831

Department of Environmental Protection
Office of Oil and Gas Management
Permits Issued Locations - January - May 2019

Updated 06/10/2019



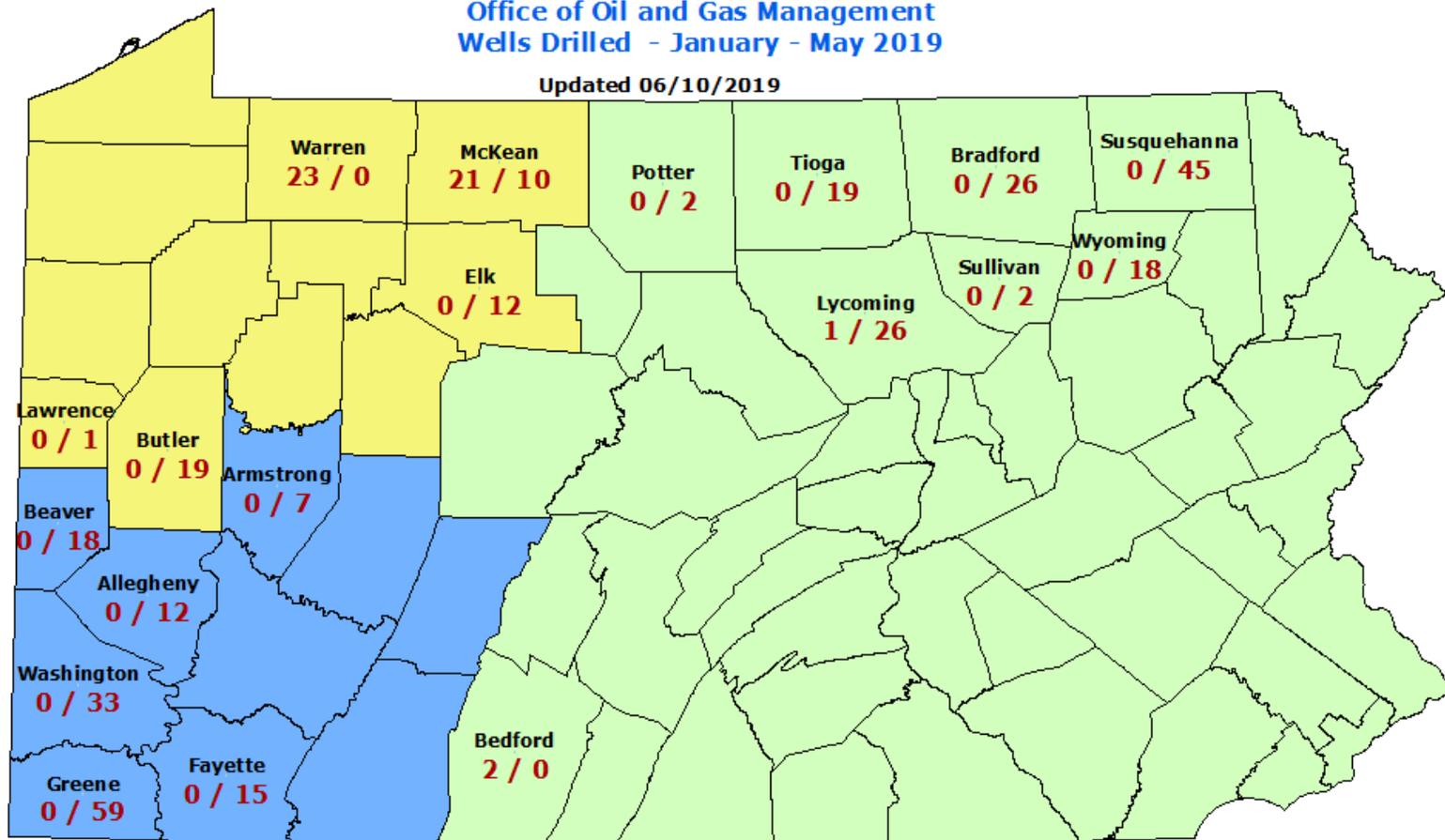
 Conventional Wells

 Unconventional Wells

Conventional - 123 + Unconventional - 708 = Total - 831

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - May 2019

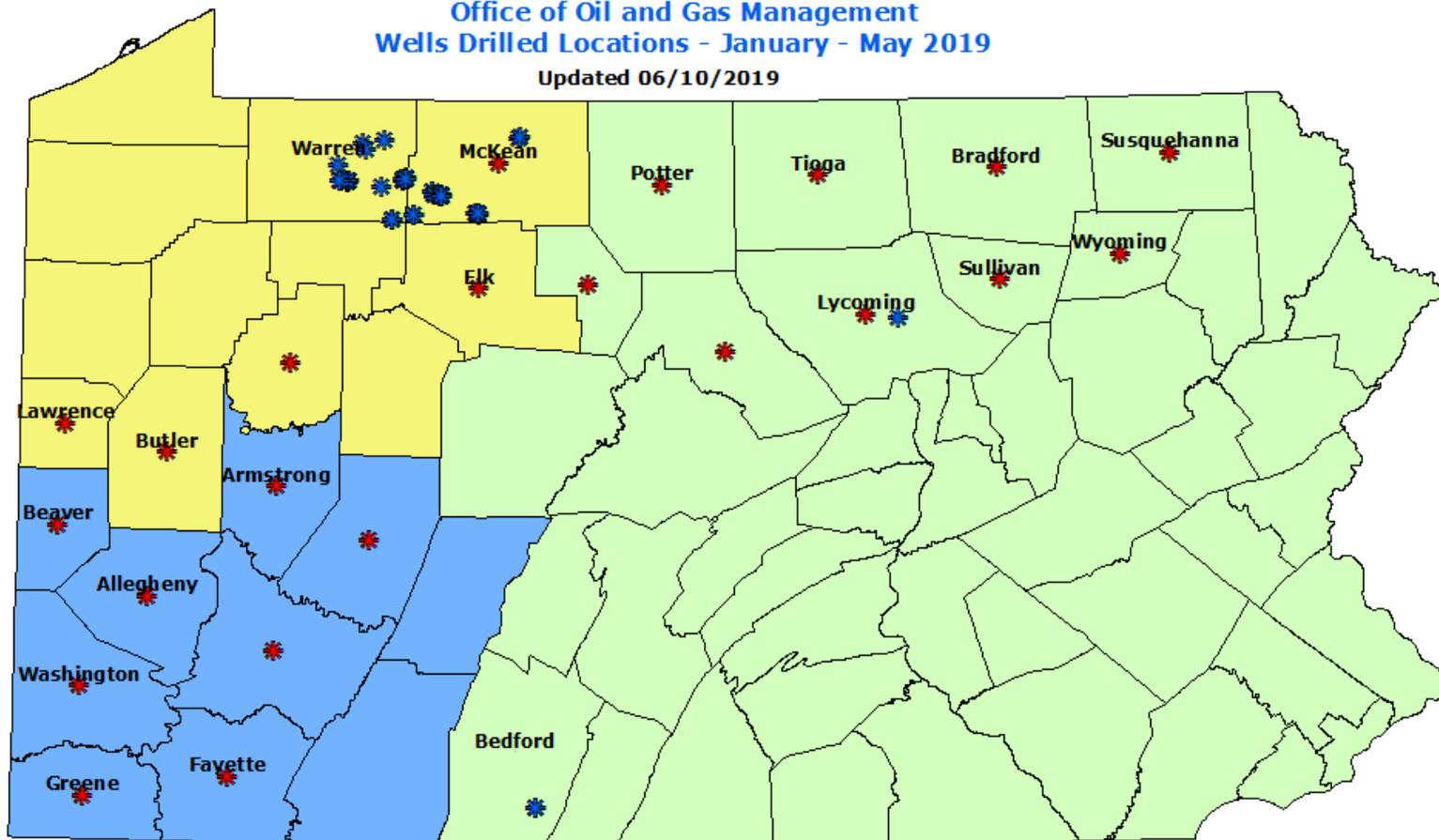
Updated 06/10/2019



(Conventional) - 47 + (Unconventional) - 324 = Total - 371

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - May 2019

Updated 06/10/2019



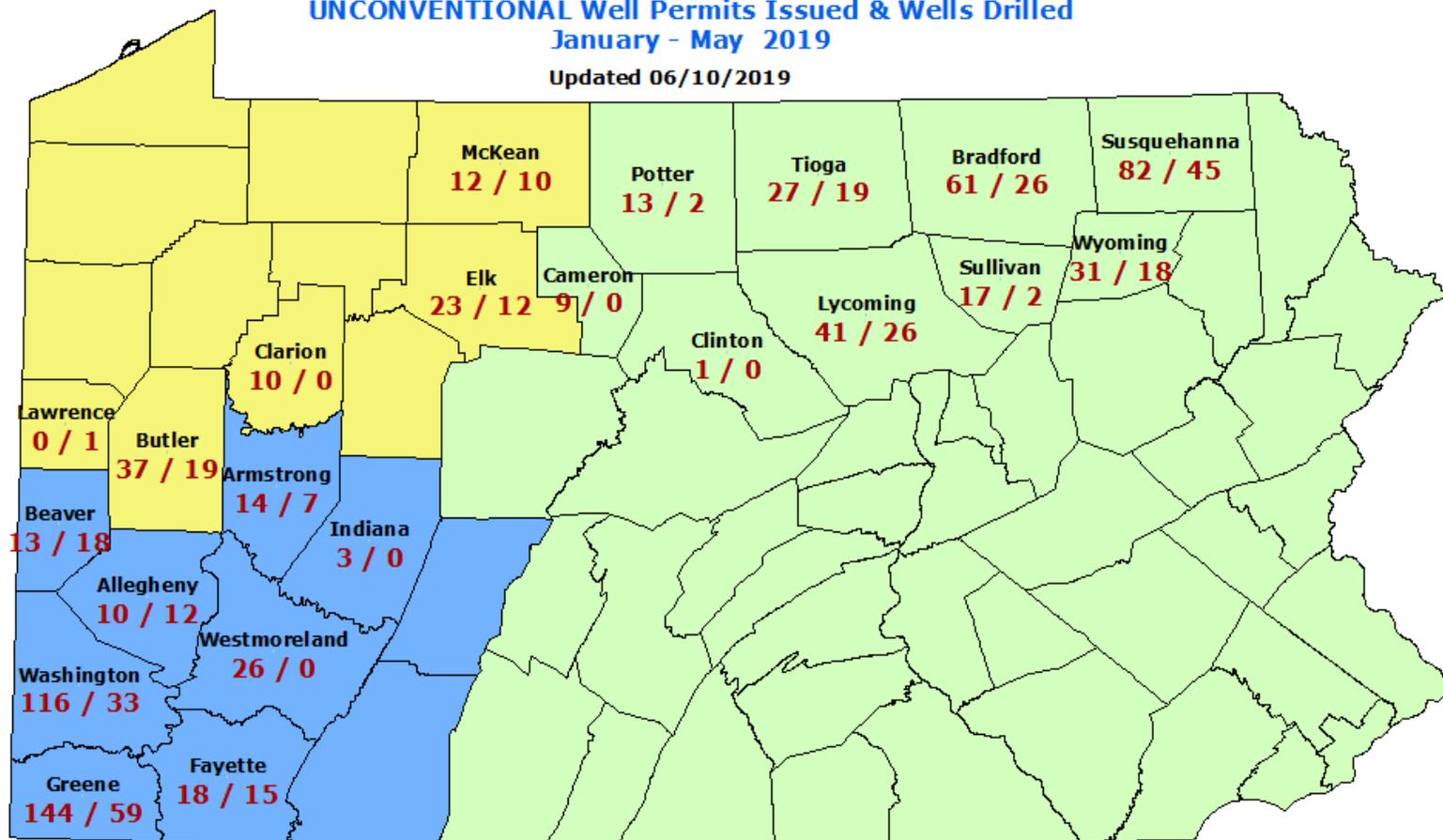
 Conventional Wells

 Unconventional Wells

(Conventional) - 47 + (Unconventional) - 324 = Total - 371

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - May 2019

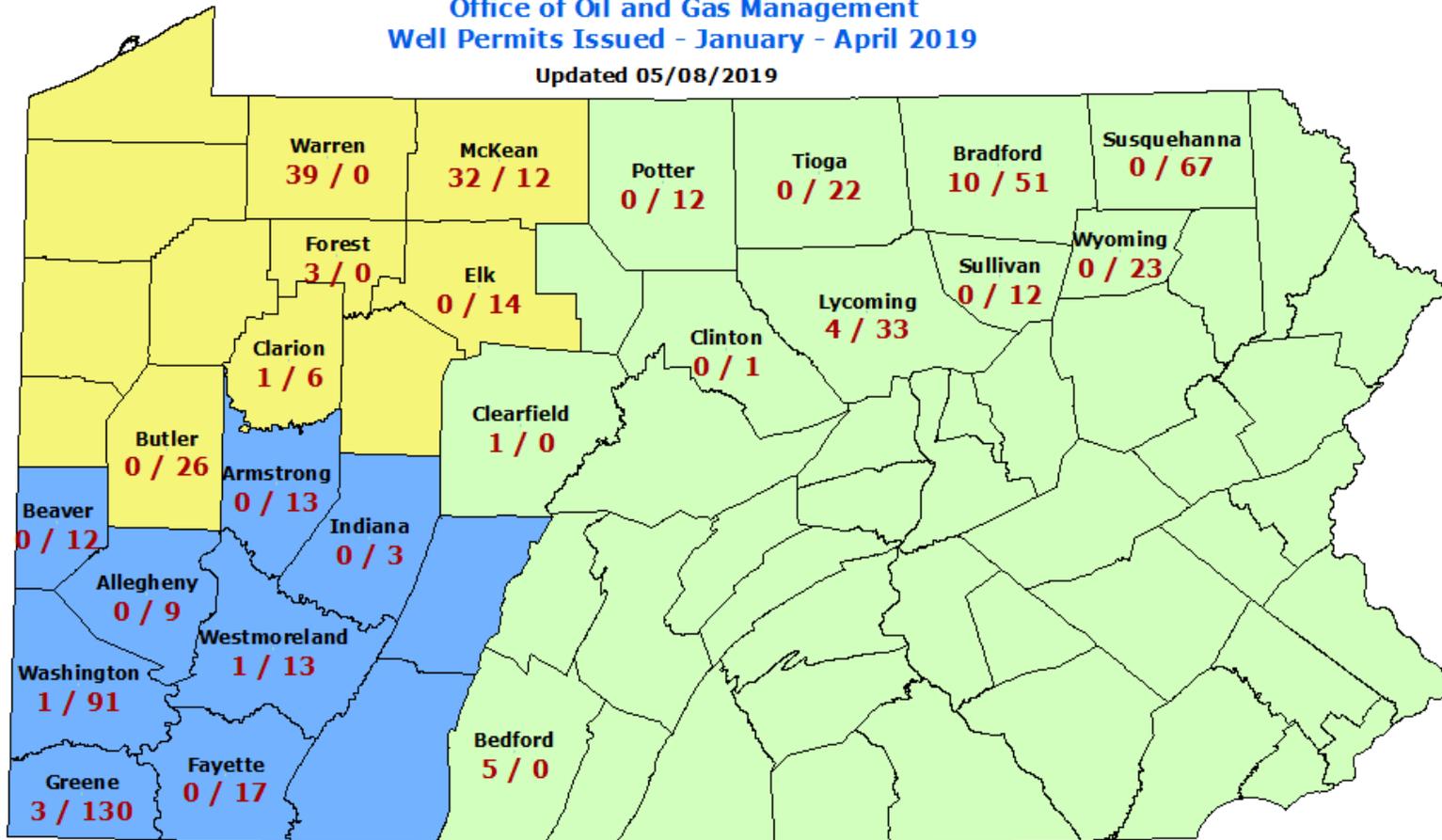
Updated 06/10/2019



Unconventional Permits Issued - 708 Unconventional Wells Drilled - 324

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - April 2019

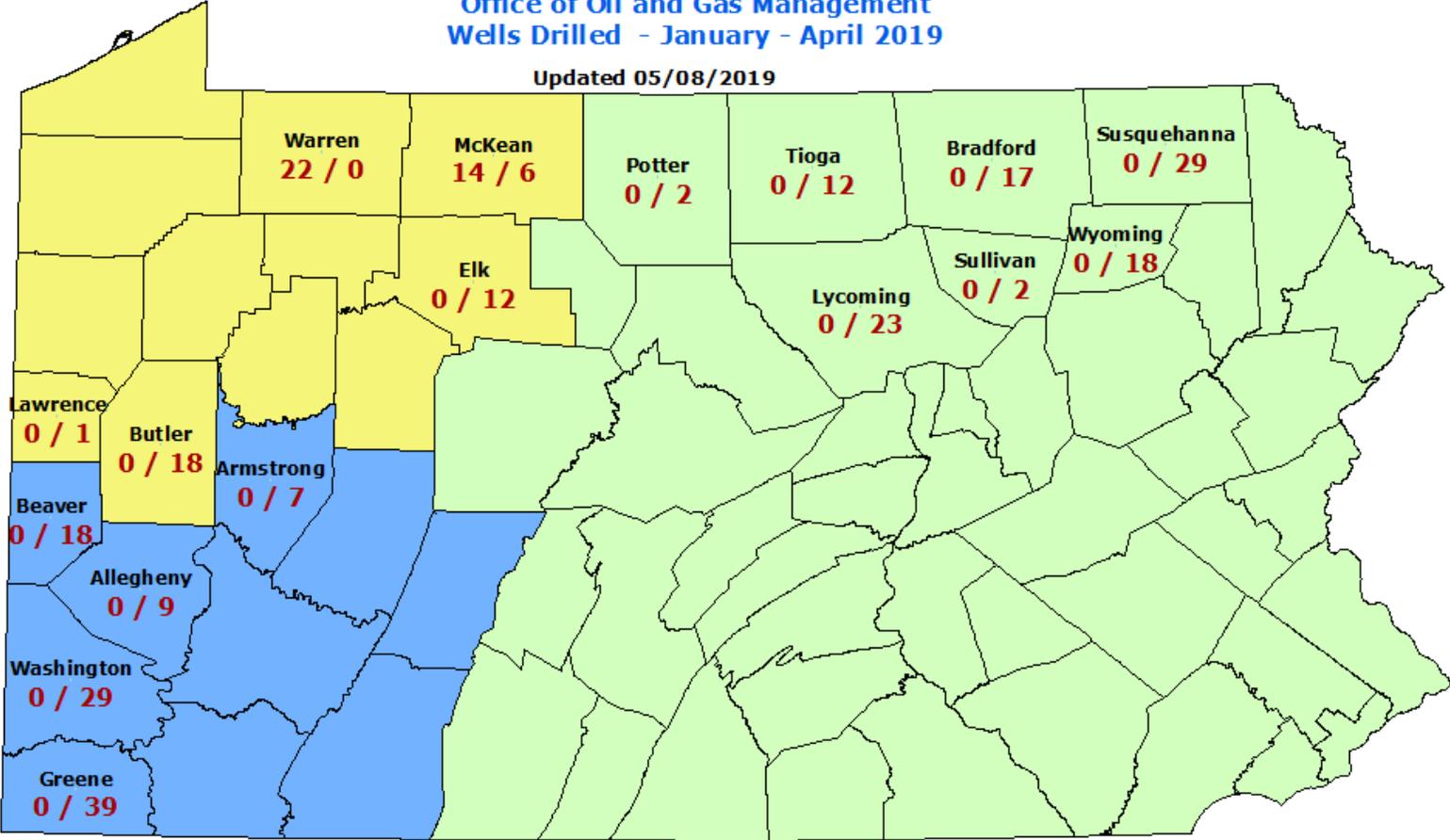
Updated 05/08/2019



Conventional - 100 + Unconventional - 567 = Total - 667

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - April 2019

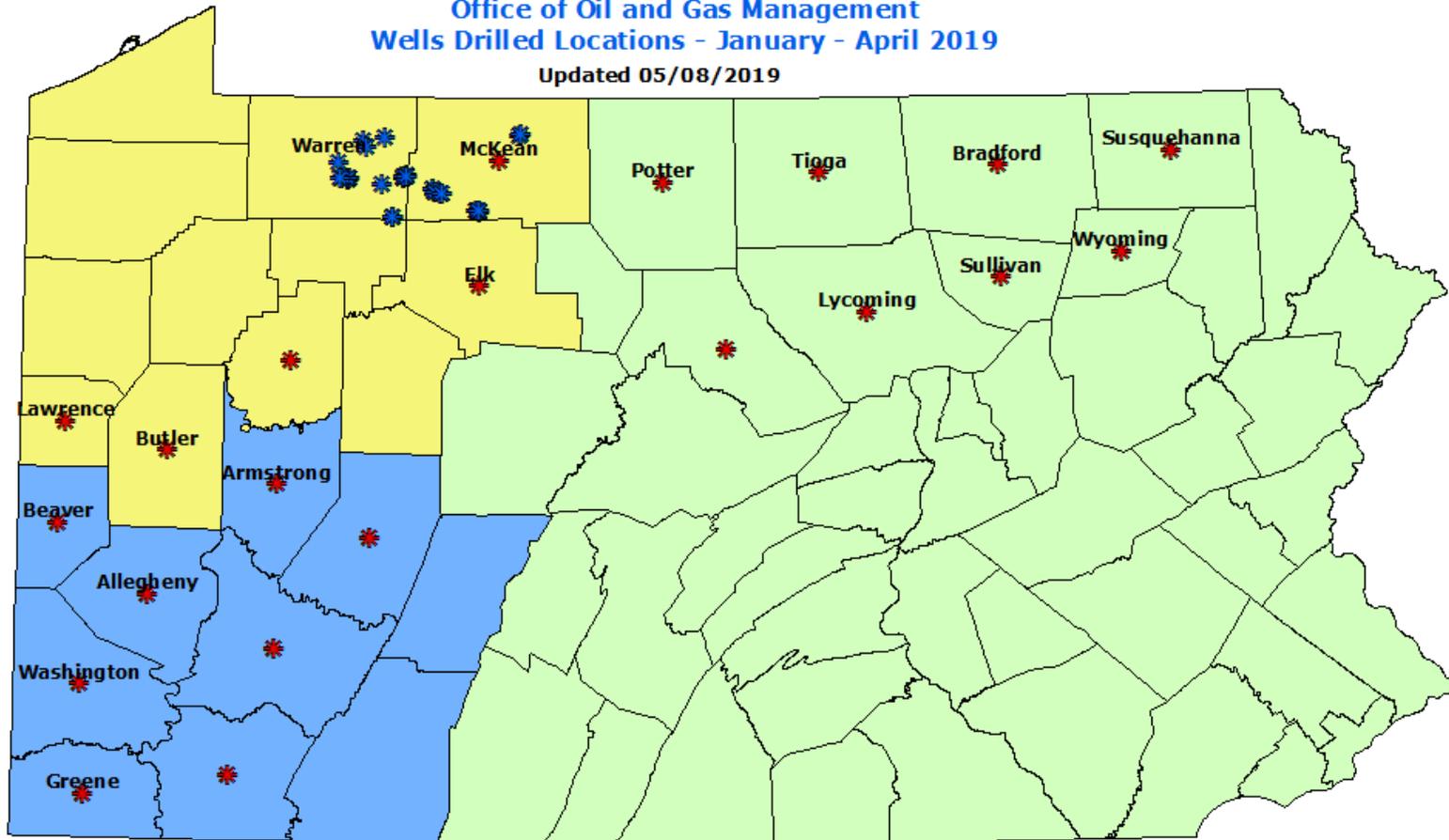
Updated 05/08/2019



(Conventional) - 36 + (Unconventional) - 242 = Total - 278

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - April 2019

Updated 05/08/2019



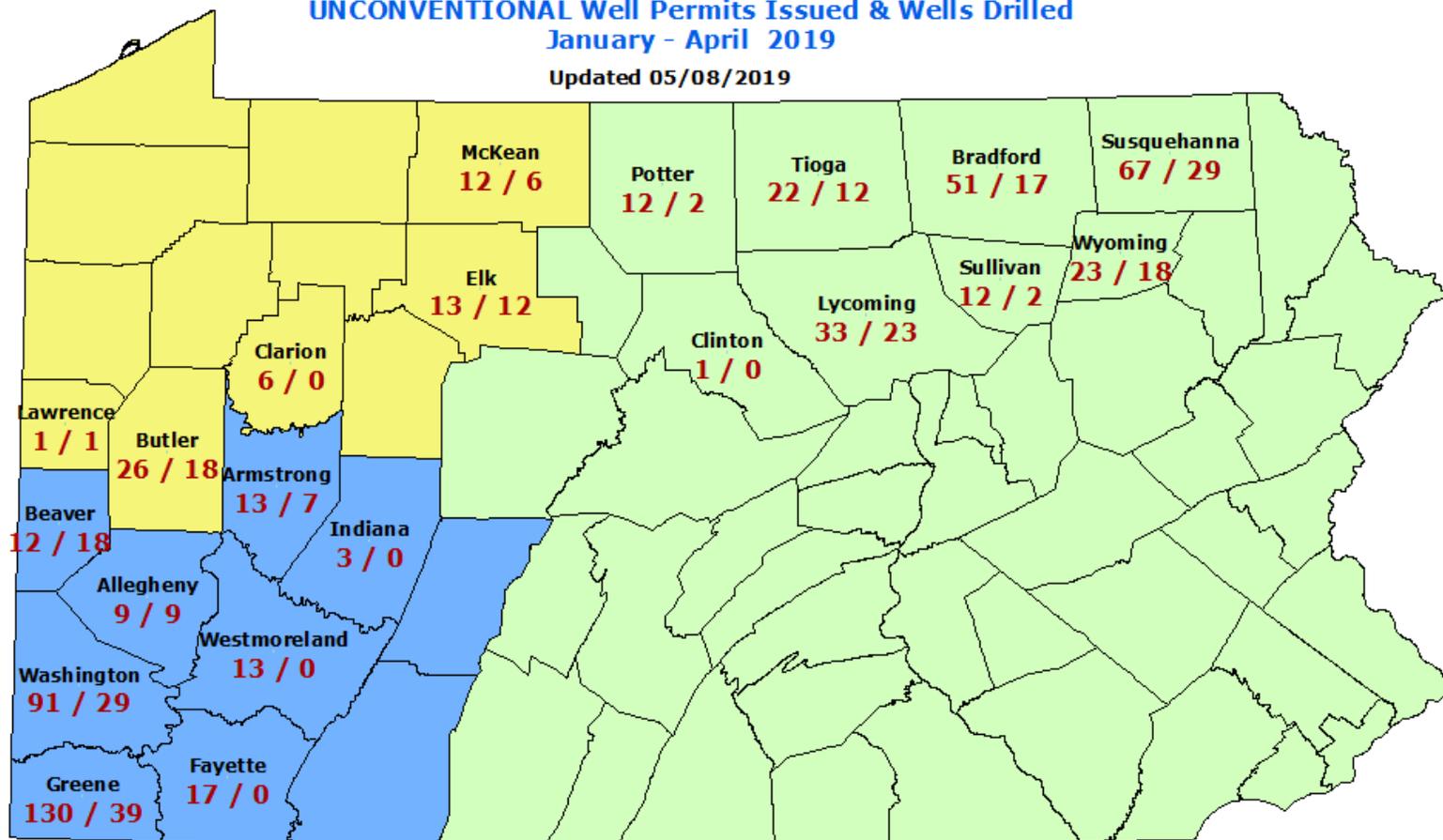
 Conventional Wells

 Unconventional Wells

(Conventional) - 36 + (Unconventional) - 242 = Total - 278

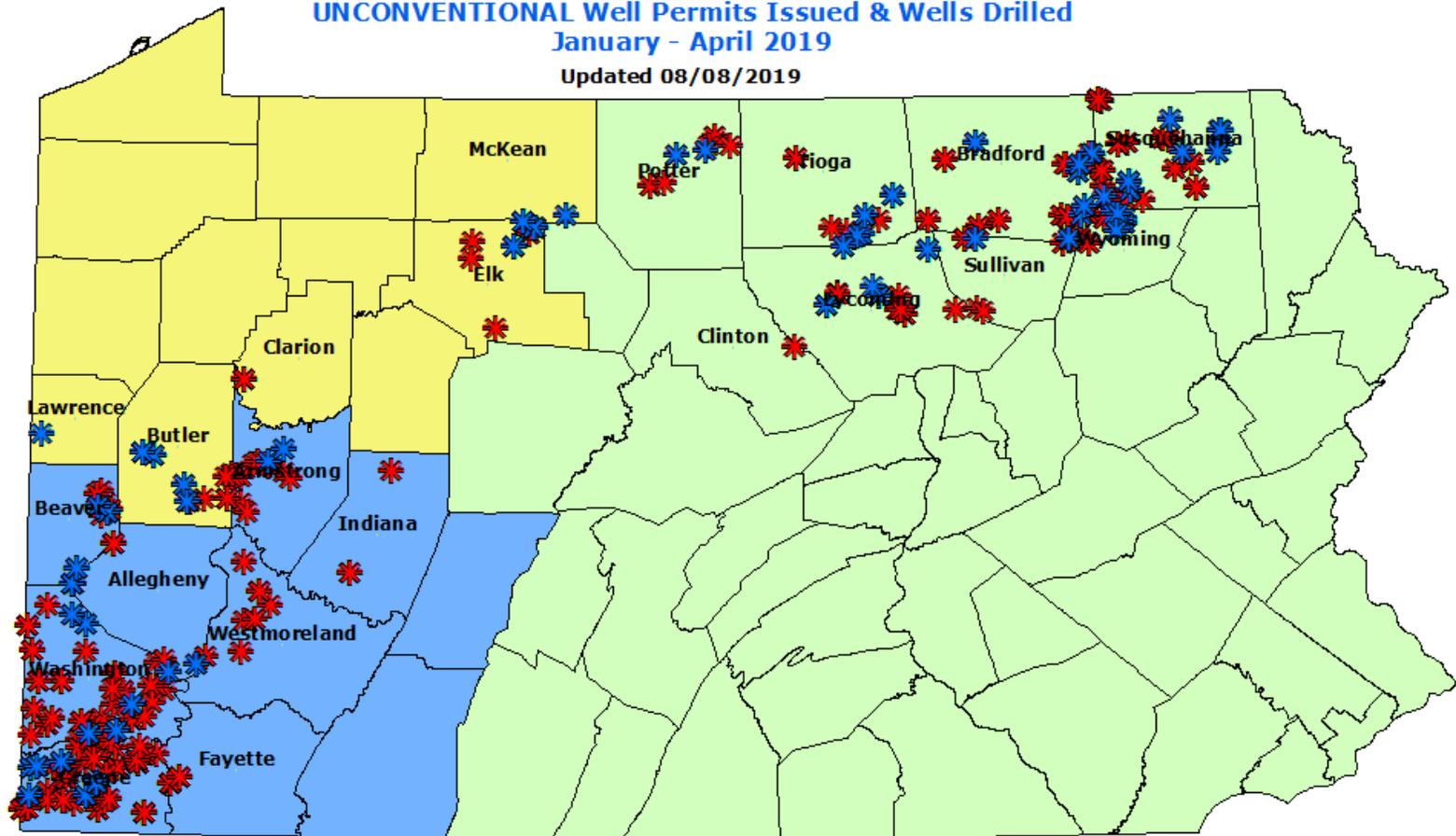
Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - April 2019

Updated 05/08/2019



Unconventional Permits Issued - 567 Unconventional Wells Drilled - 242

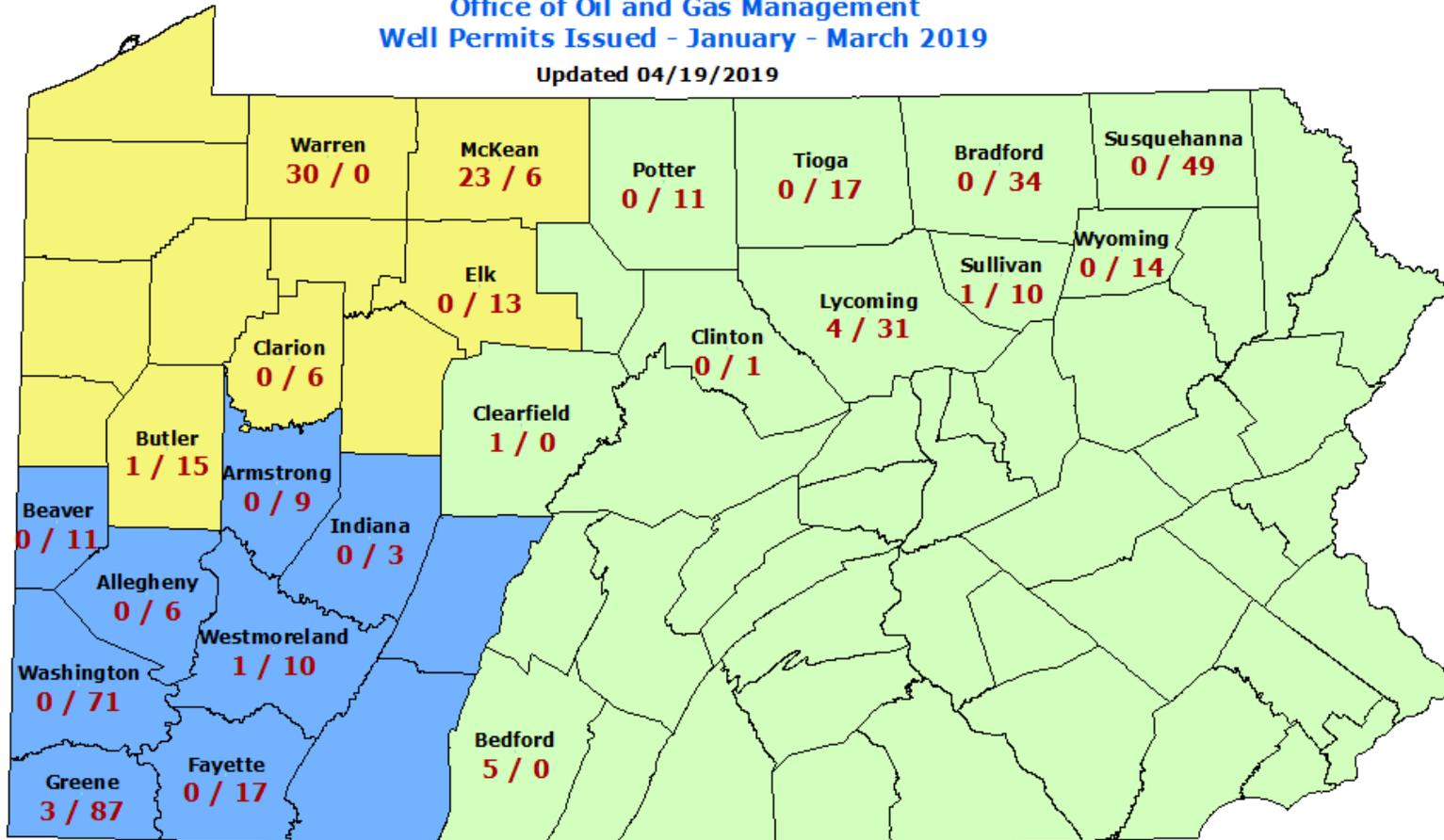
Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - April 2019
Updated 08/08/2019



Unconventional Permits Issued - 567 Unconventional Wells Drilled - 242

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - March 2019

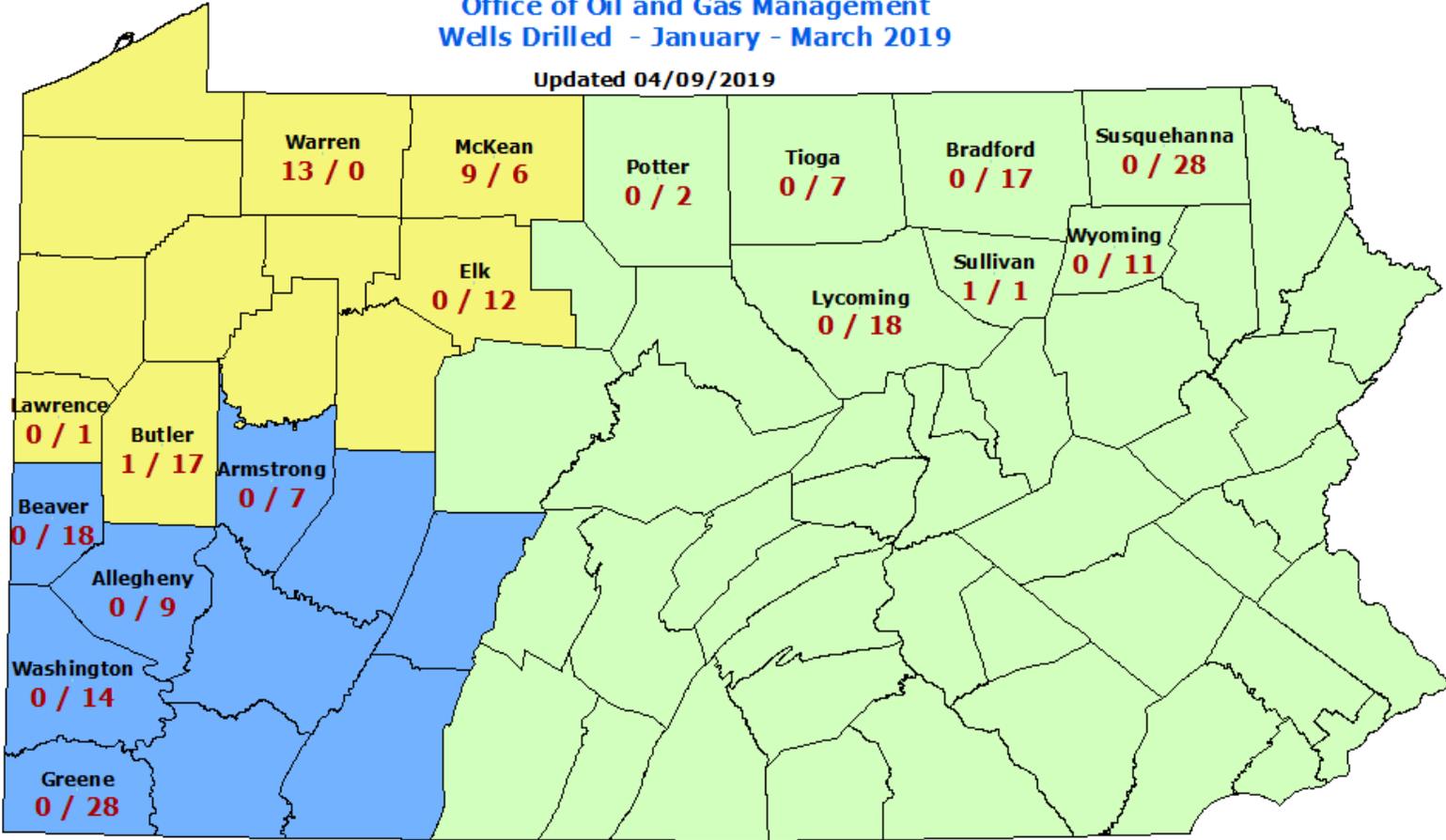
Updated 04/19/2019



Conventional - 69 + Unconventional - 421 = Total - 490

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - March 2019

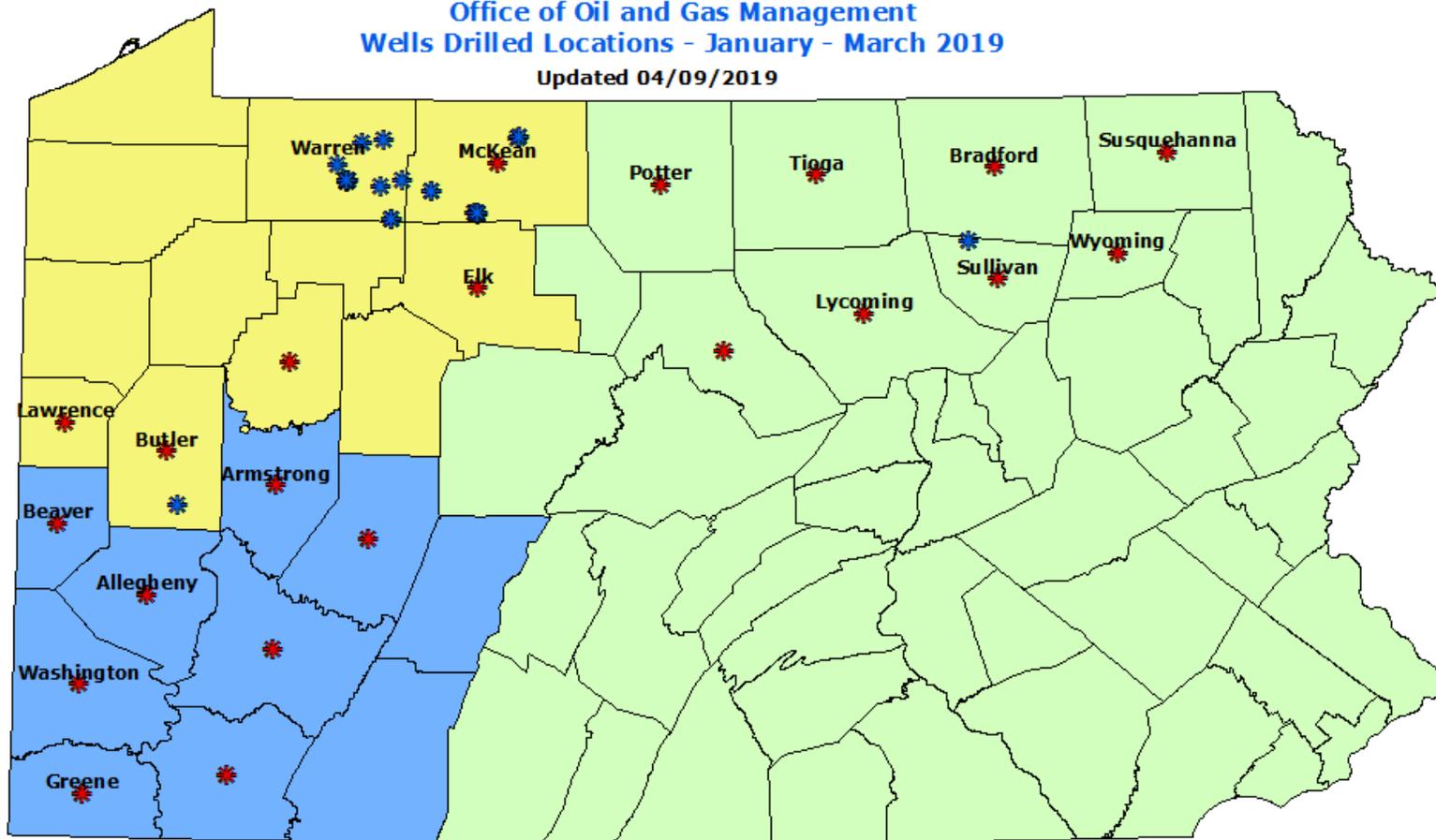
Updated 04/09/2019



(Conventional) - 24 + (Unconventional) - 196 = Total - 220

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - March 2019

Updated 04/09/2019



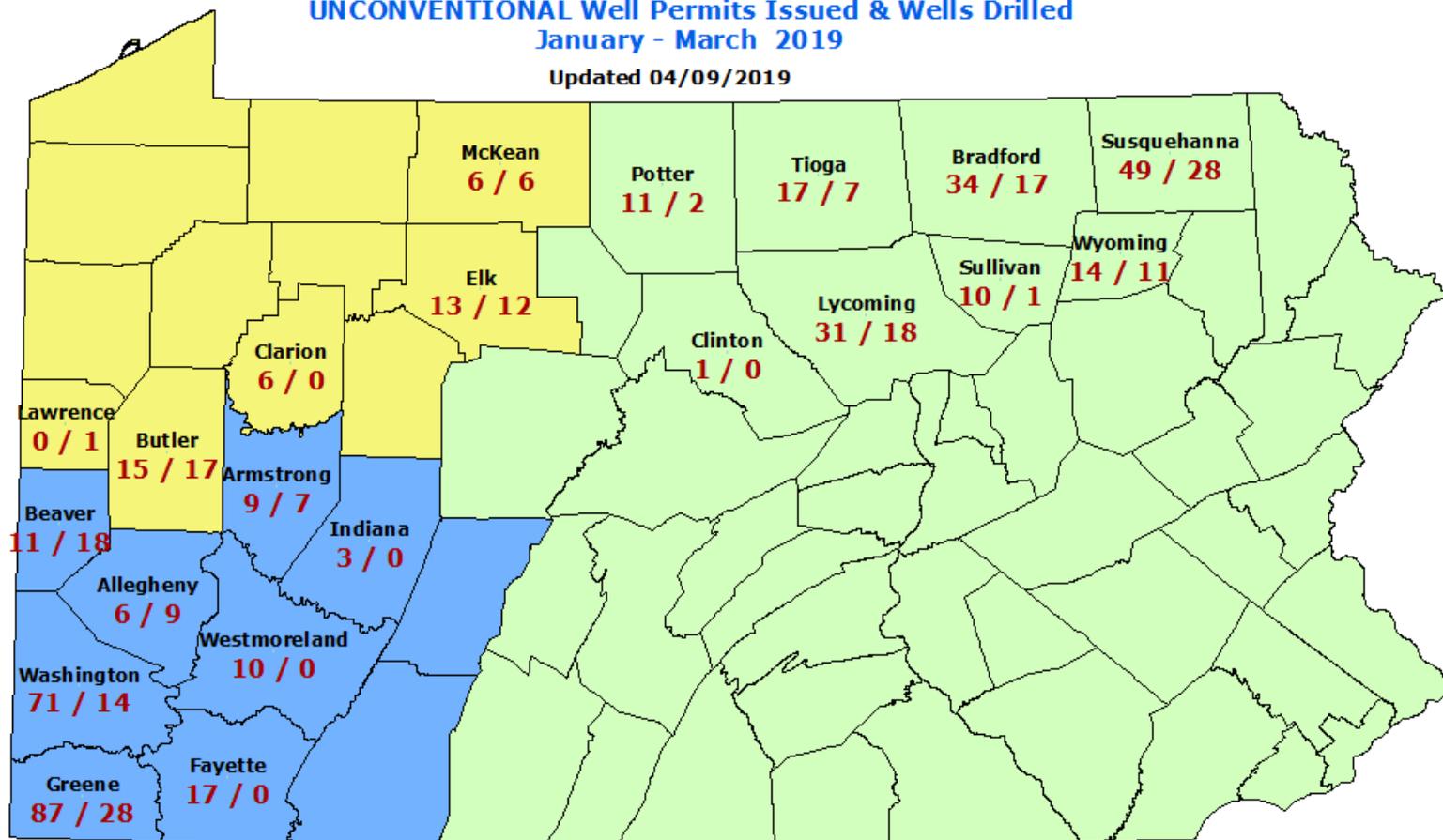
 Conventional Wells

 Unconventional Wells

(Conventional) - 24 + (Unconventional) - 196 = Total - 220

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - March 2019

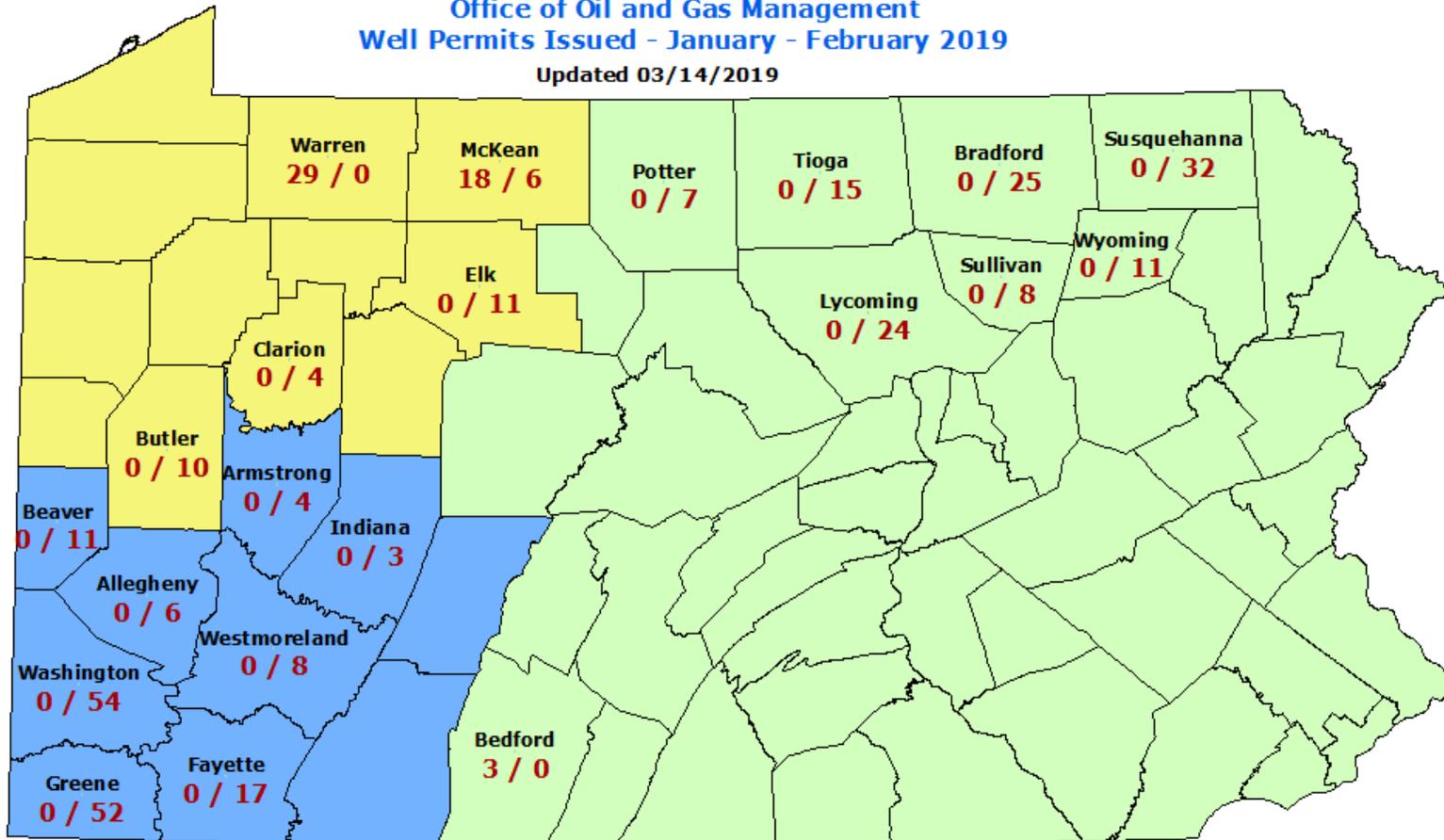
Updated 04/09/2019



Unconventional Permits Issued - 421 Unconventional Wells Drilled - 196

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January - February 2019

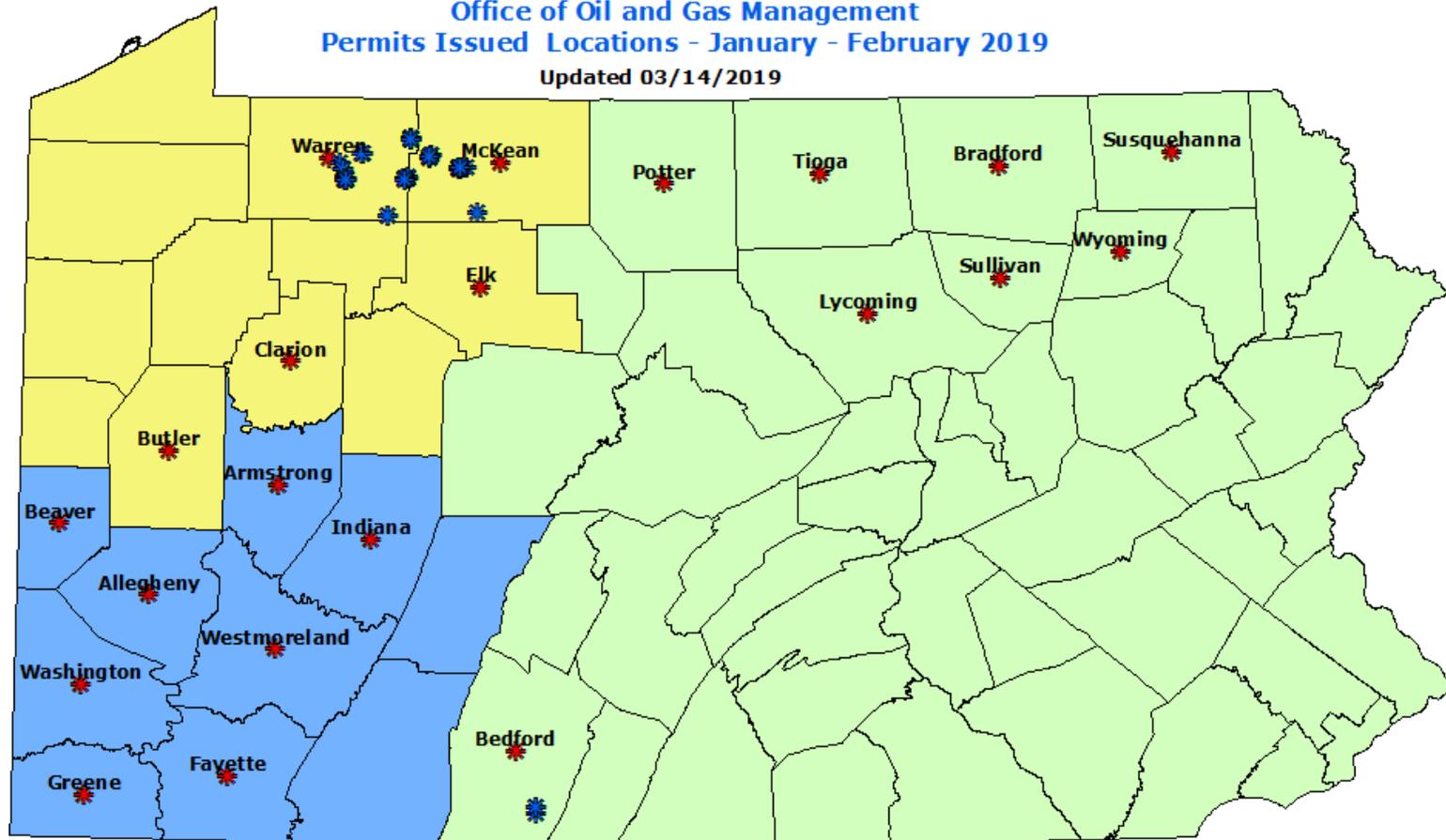
Updated 03/14/2019



Conventional - 50 + Unconventional - 308 = Total - 358

Department of Environmental Protection
Office of Oil and Gas Management
Permits Issued Locations - January - February 2019

Updated 03/14/2019



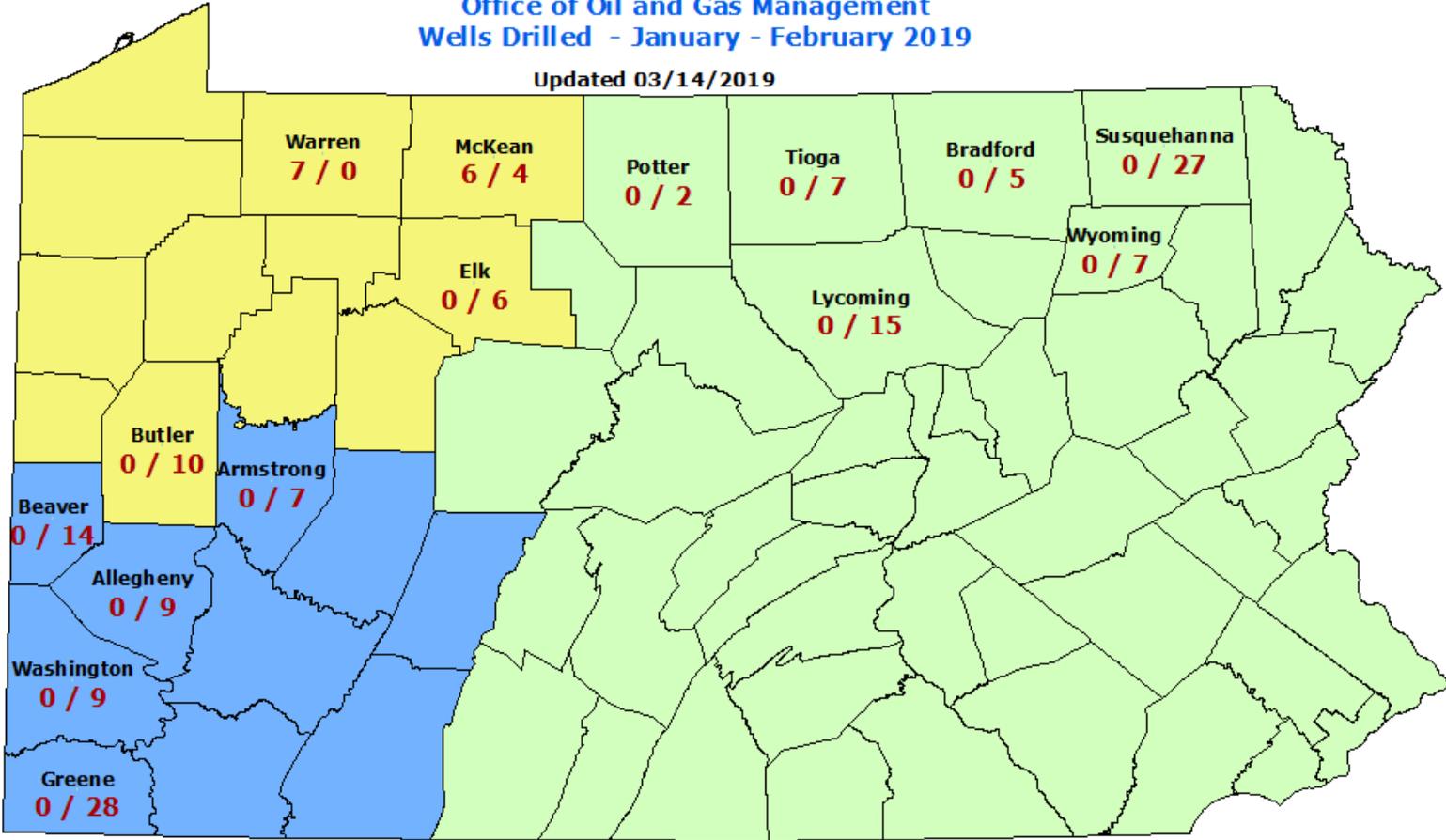
 Conventional Wells

 Unconventional Wells

Conventional - 50 + Unconventional - 308 = Total - 358

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January - February 2019

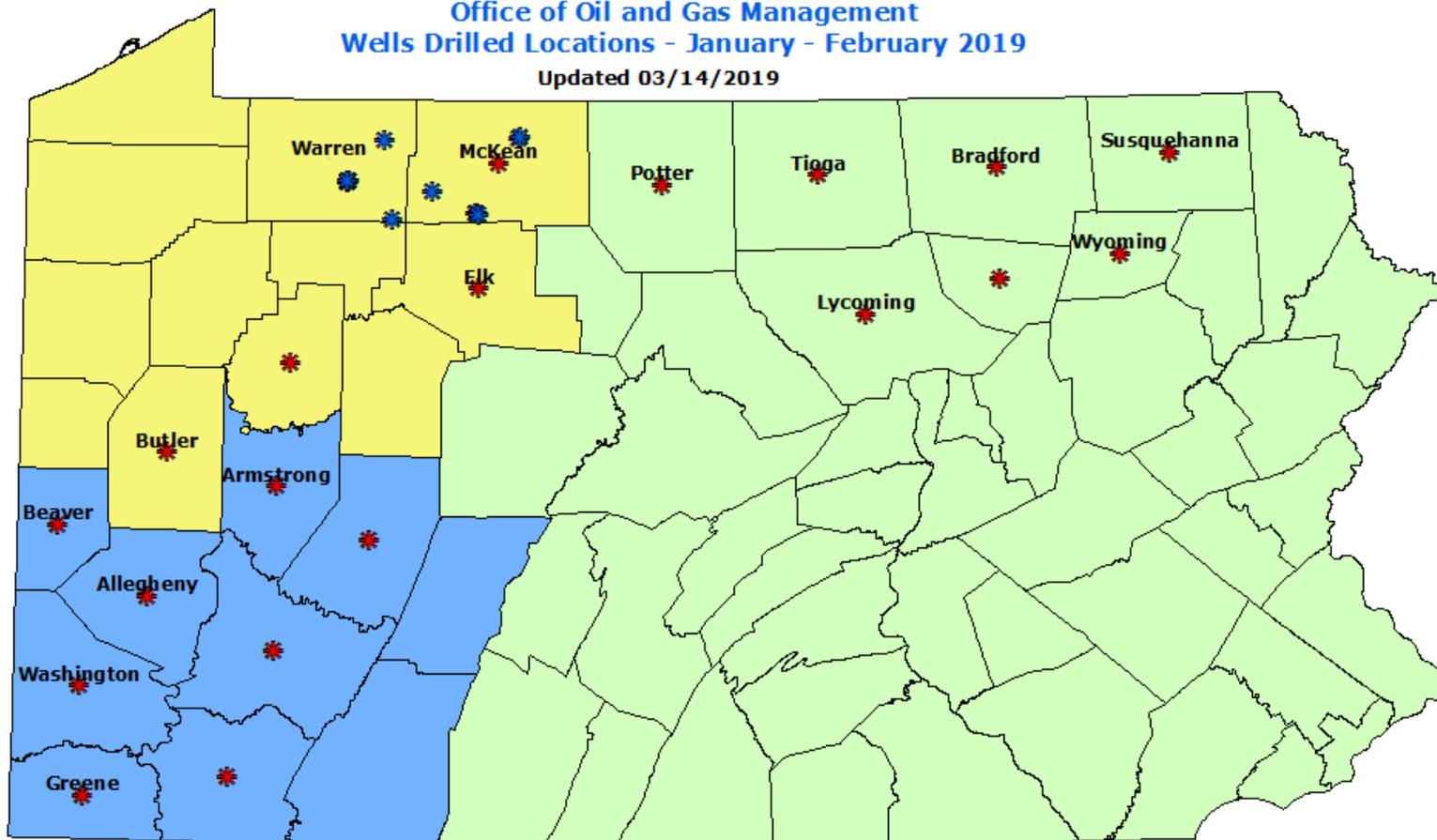
Updated 03/14/2019



(Conventional) - 13 + (Unconventional) - 150 = Total - 163

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled Locations - January - February 2019

Updated 03/14/2019



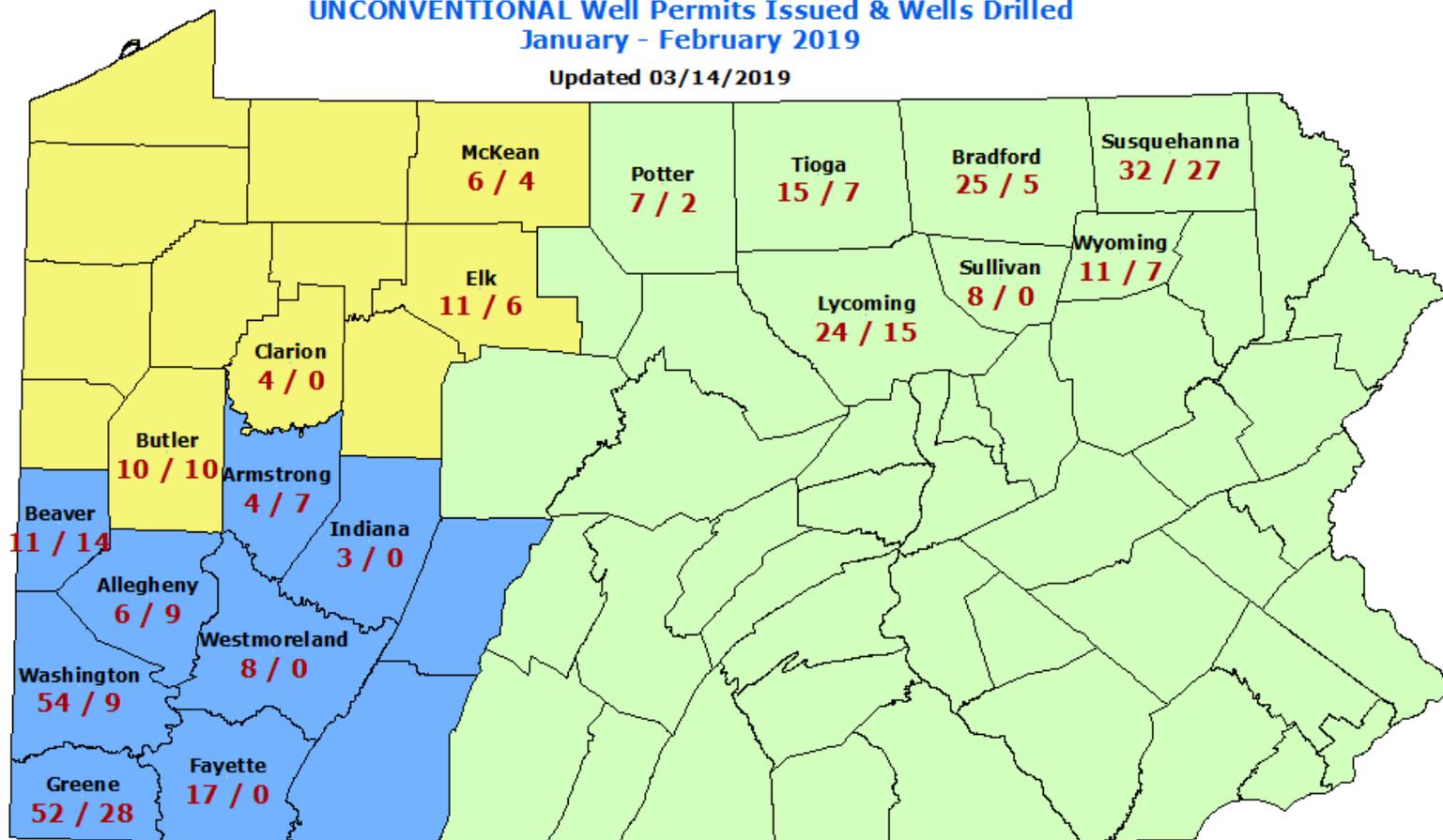
 Conventional Wells

 Unconventional Wells

(Conventional) - 13 + (Unconventional) - 150 = Total - 163

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January - February 2019

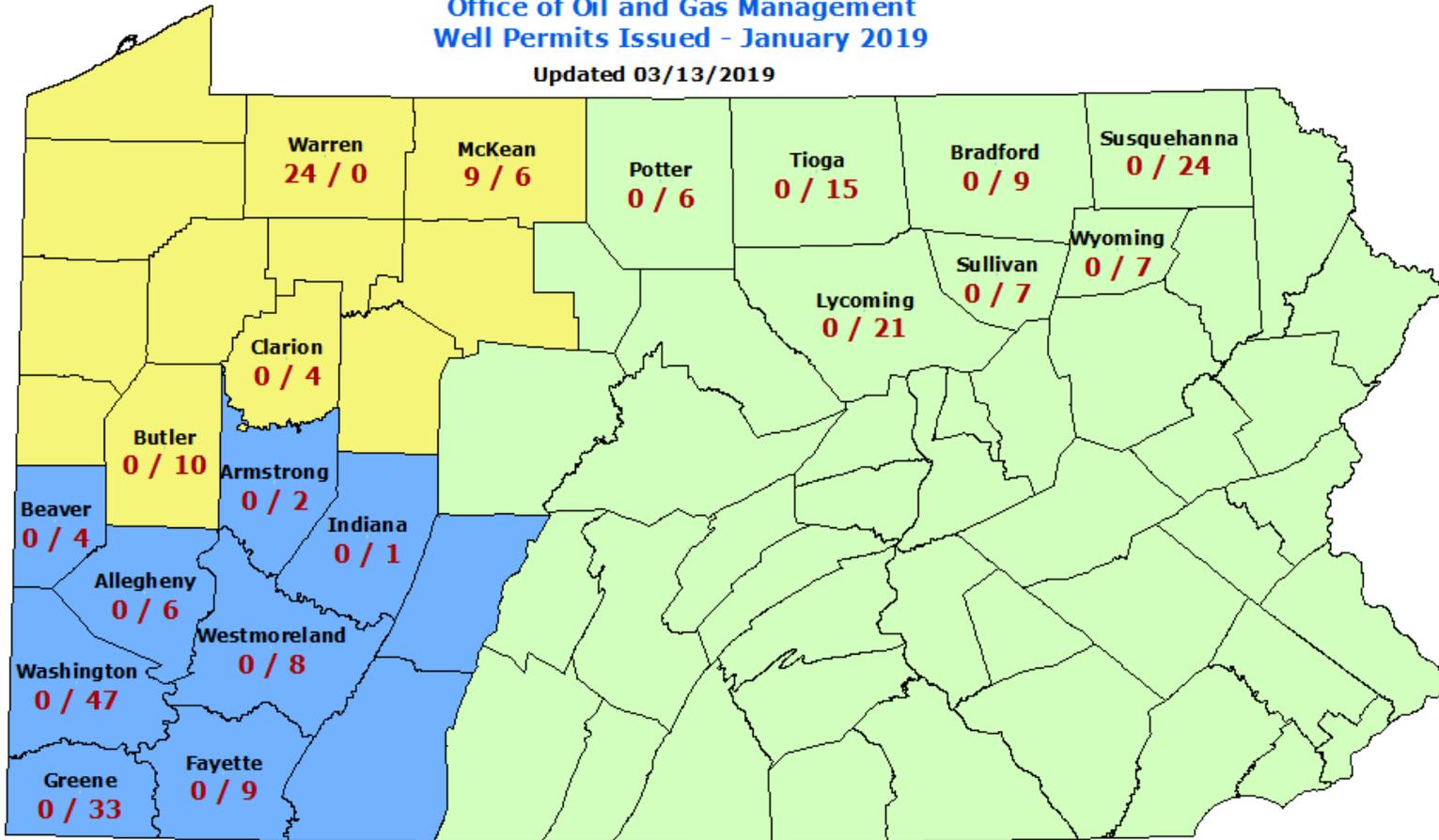
Updated 03/14/2019



Unconventional Permits Issued - 308 Unconventional Wells Drilled - 150

Department of Environmental Protection
Office of Oil and Gas Management
Well Permits Issued - January 2019

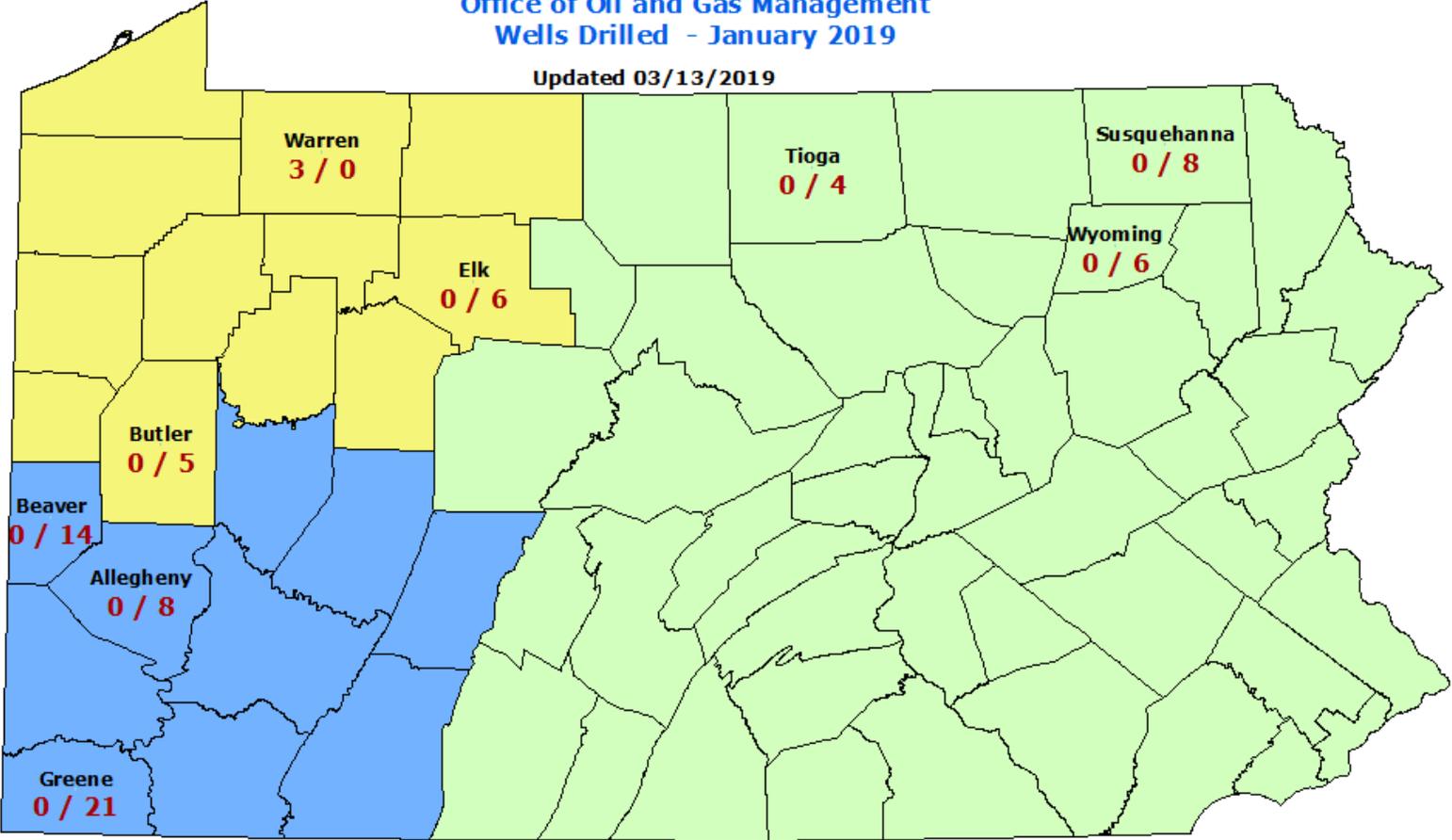
Updated 03/13/2019



Conventional - 33 + Unconventional - 219 = Total - 252

Department of Environmental Protection
Office of Oil and Gas Management
Wells Drilled - January 2019

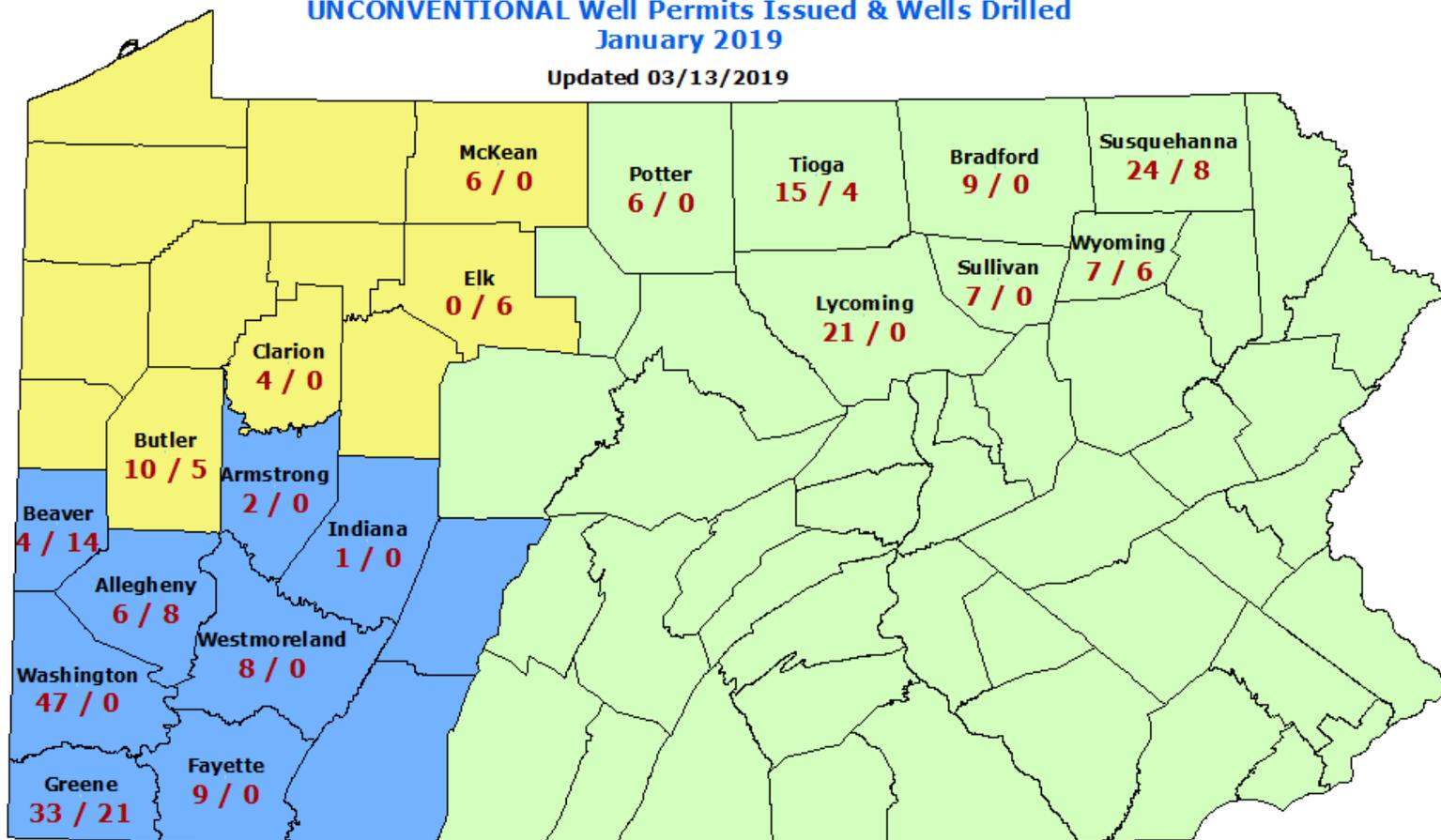
Updated 03/13/2019



(Conventional) - 3 + (Unconventional) - 72 = Total - 75

Department of Environmental Protection
Office of Oil and Gas Management
UNCONVENTIONAL Well Permits Issued & Wells Drilled
January 2019

Updated 03/13/2019



Unconventional Permits Issued - 212 Unconventional Wells Drilled - 72

