



MISSOURI

Department of Natural Resources
Division of Geology and Land Survey

Report on Oil and Gas Activities for 2010

State Oil and Gas Council
Meeting

April 19, 2011

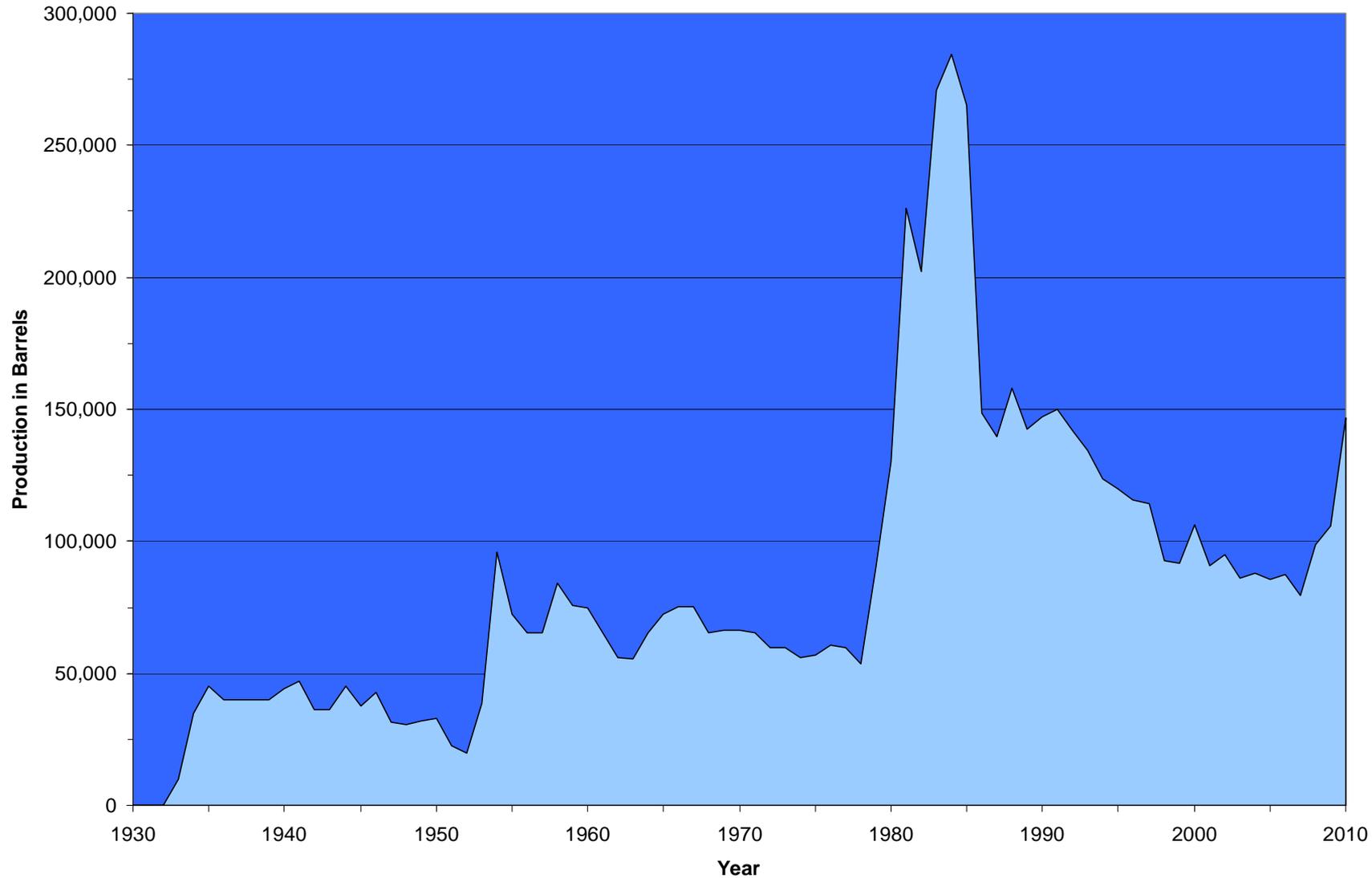
Missouri's Oil Production in 2010

- 482 active producing oil wells in 2010
- Nearly 147,000 barrels of oil produced
- Valued at over \$9.7 million
- Price per barrel ranged \$58.66-\$81.02
- Currently produced in six counties
- Ten active companies producing
- Two additional companies have received well permits to develop new leases

Average Price for Missouri Oil

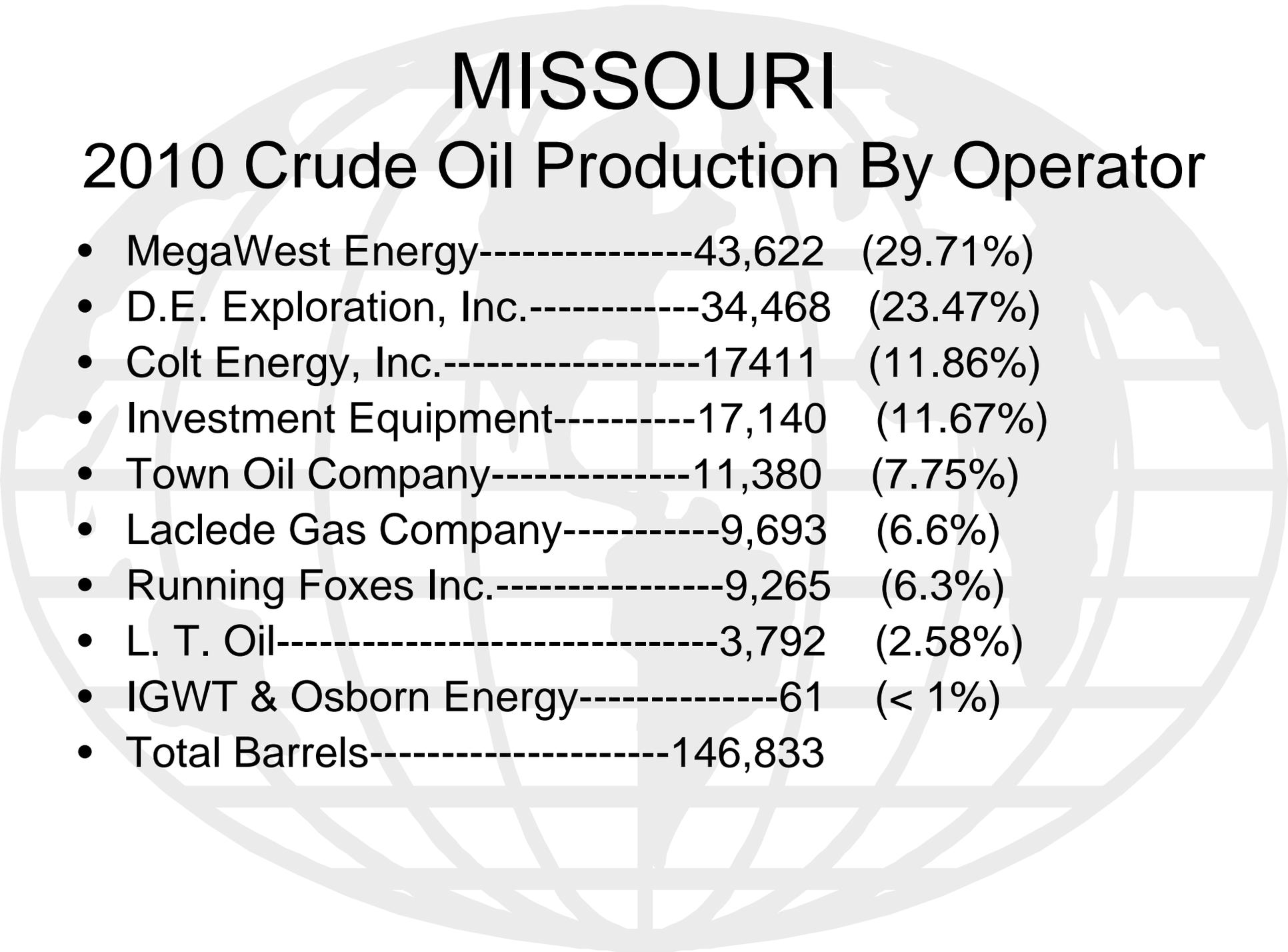
- Average price per barrel in 2010 - \$69.84
(ranging from \$58.66 to \$81.02)
- Average price per barrel in 2009 - \$52.86
(ranging from \$20.40 to \$70.46)
- Average price per barrel in 2008 - \$83.96
(ranging from \$23.73 to \$126.26)
- Average price per barrel in 2007 - \$60.77
(ranging from \$38.25 to \$87.89)

Historic Oil Production



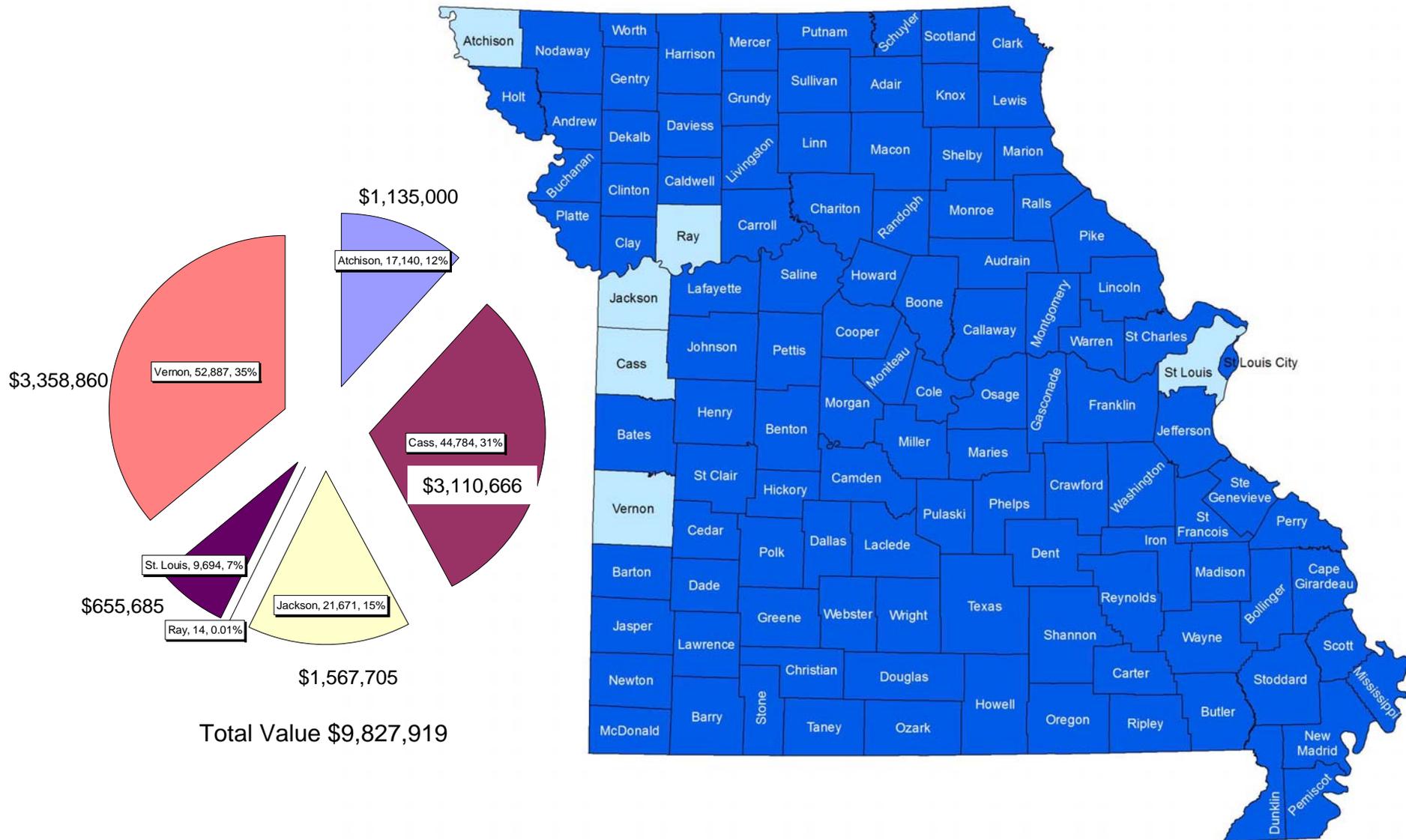
MISSOURI

2010 Crude Oil Production By Operator

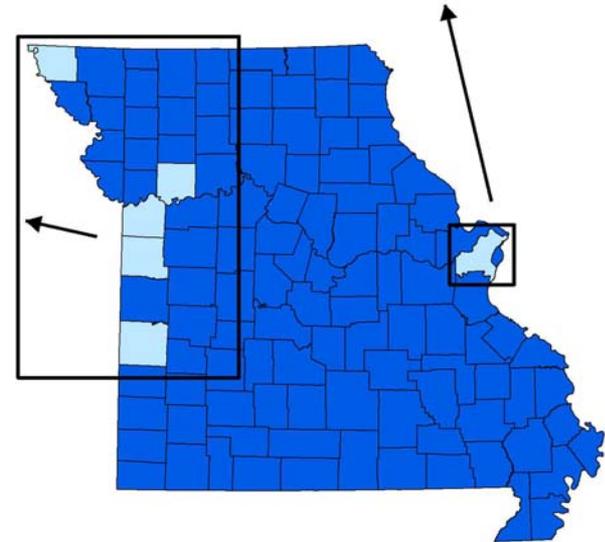
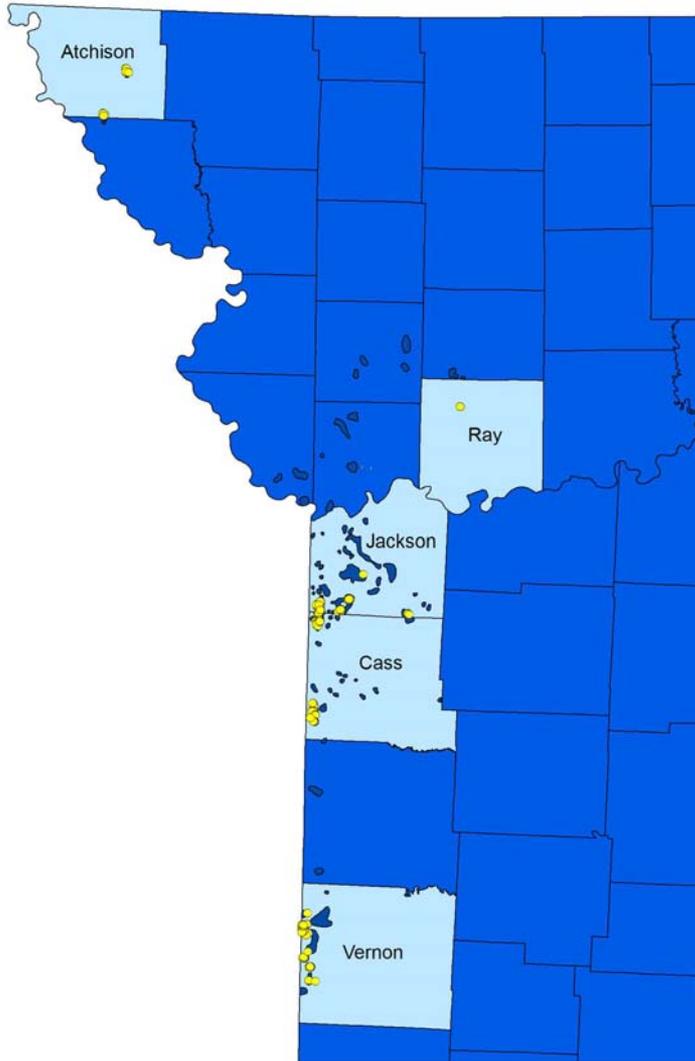


• MegaWest Energy-----	43,622	(29.71%)
• D.E. Exploration, Inc.-----	34,468	(23.47%)
• Colt Energy, Inc.-----	17,411	(11.86%)
• Investment Equipment-----	17,140	(11.67%)
• Town Oil Company-----	11,380	(7.75%)
• Laclede Gas Company-----	9,693	(6.6%)
• Running Foxes Inc.-----	9,265	(6.3%)
• L. T. Oil-----	3,792	(2.58%)
• IGWT & Osborn Energy-----	61	(< 1%)
• Total Barrels-----	146,833	

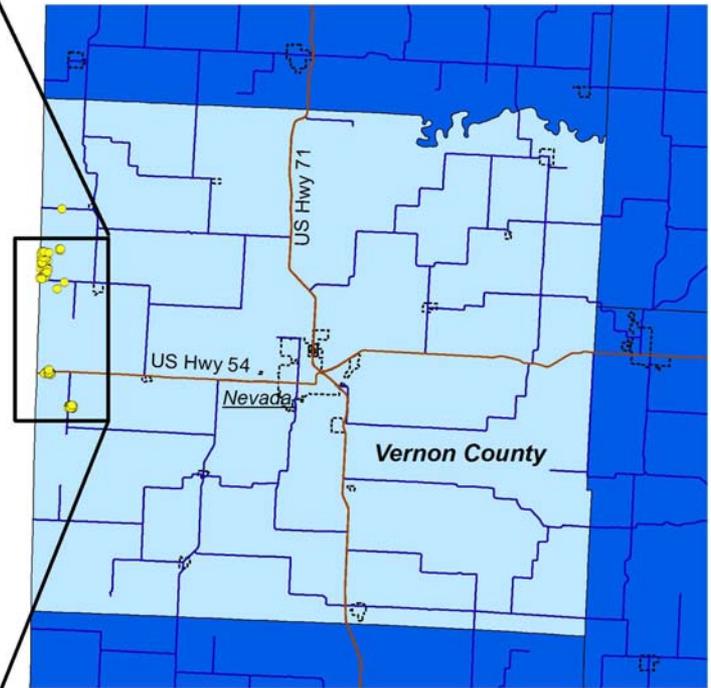
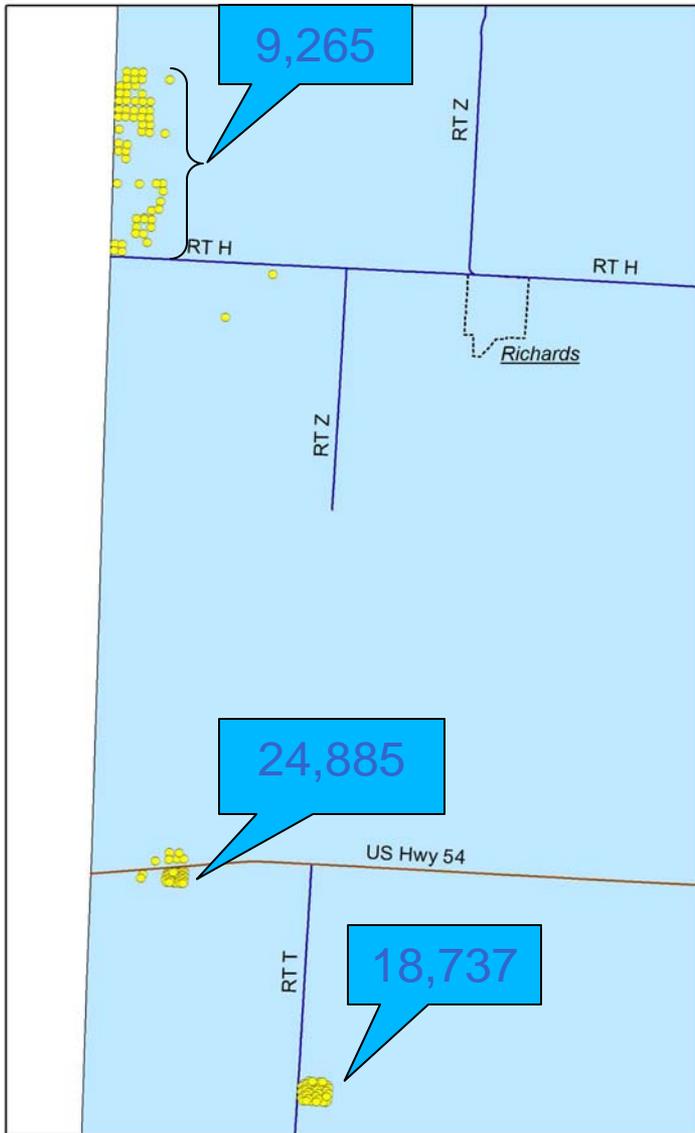
Missouri's Oil Producing Counties in 2010



Oil Producing Counties, Wells and Known Fields



Active Oil Wells in Vernon County



**52,887 bbls produced in Vernon Co.
35% of total Missouri Production**

Warner Sandstone



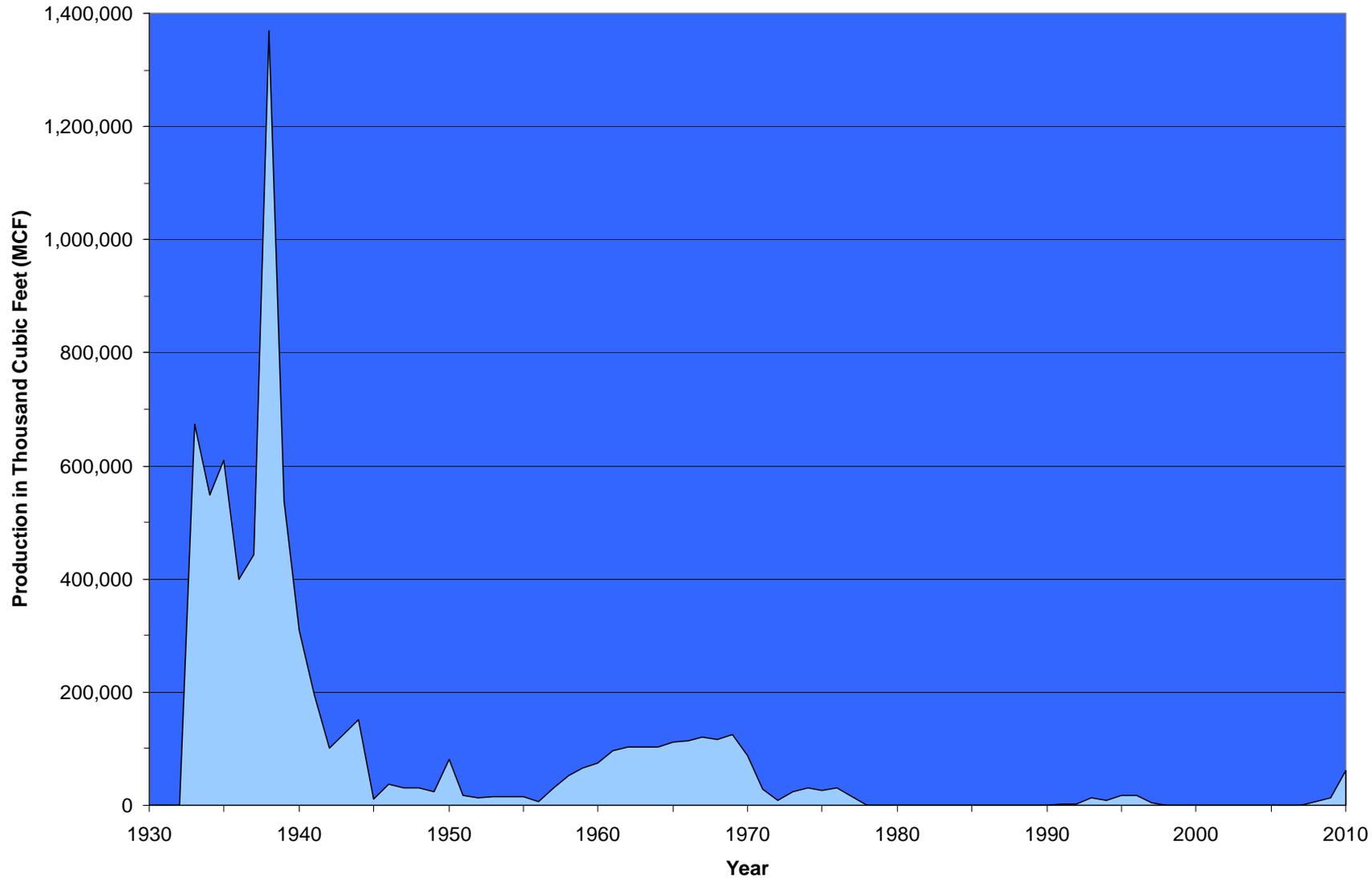
Warner Sandstone



Missouri's Commercial Gas Production in 2010

- 14 active producing commercial gas wells in 2010
- Over 60,000 MCF of gas produced
- Valued at over \$255,000
- Price per MCF averaged \$4.23
- Currently produced in Clinton and Vernon counties
- Two active companies
- One additional company has wells under construction in Clinton County

Historic Commercial Gas Production

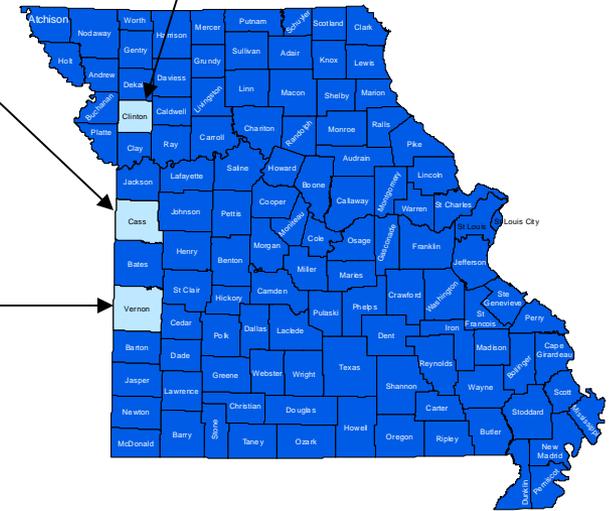
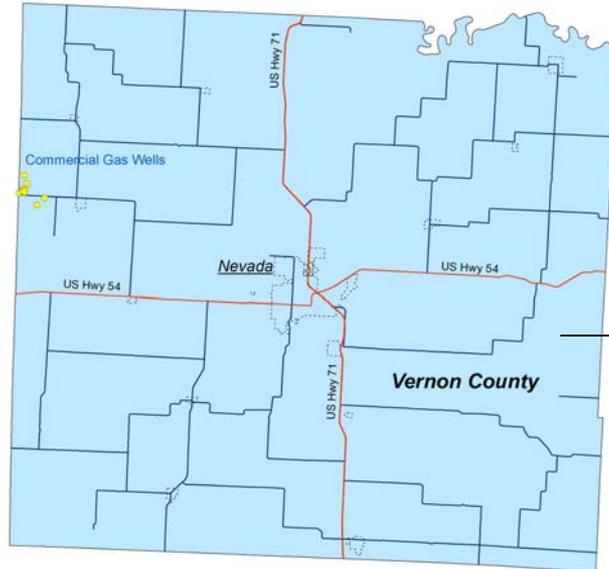
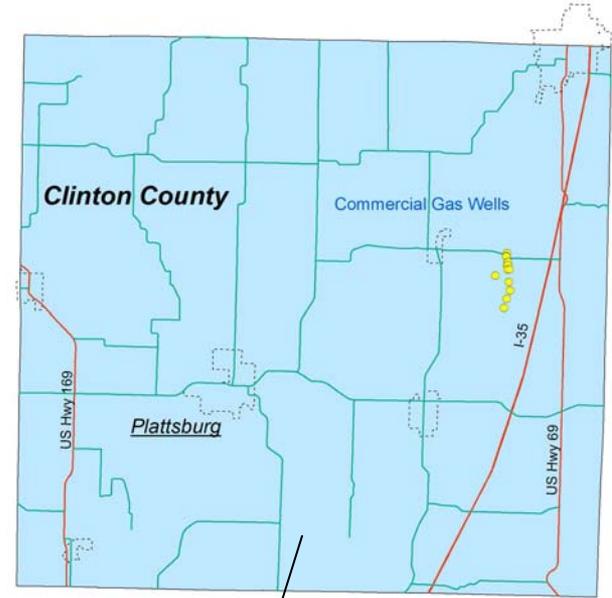
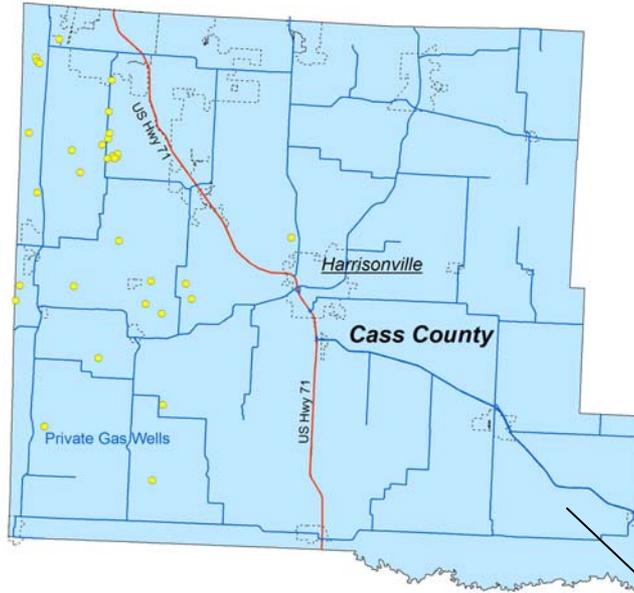


Missouri's Private Gas Wells

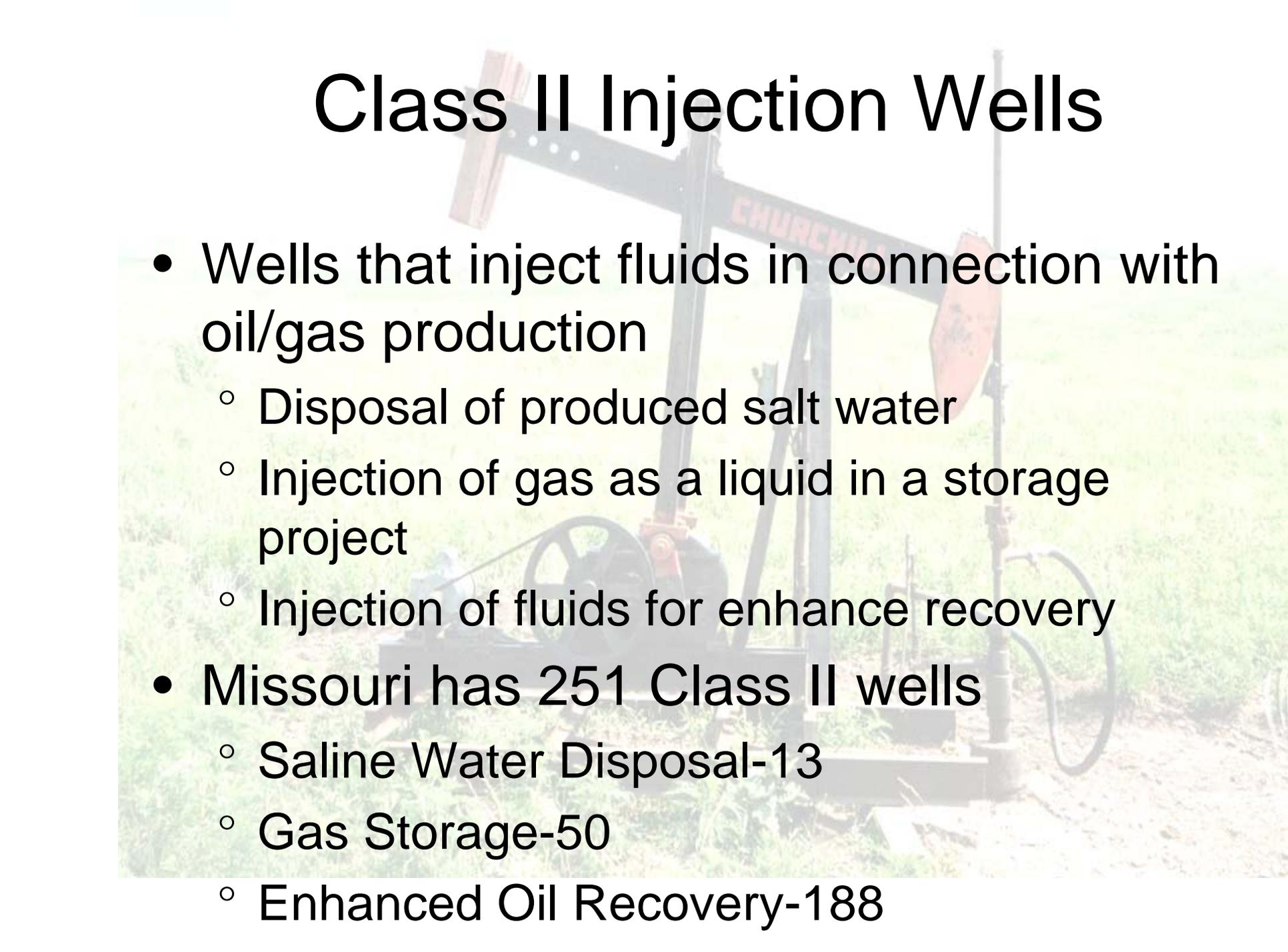
- 58 active private gas wells
 - 40 are in Cass County
- Four counties have private gas wells
 - Cass, Clay, Clinton and Jackson
- Production reporting is exempted



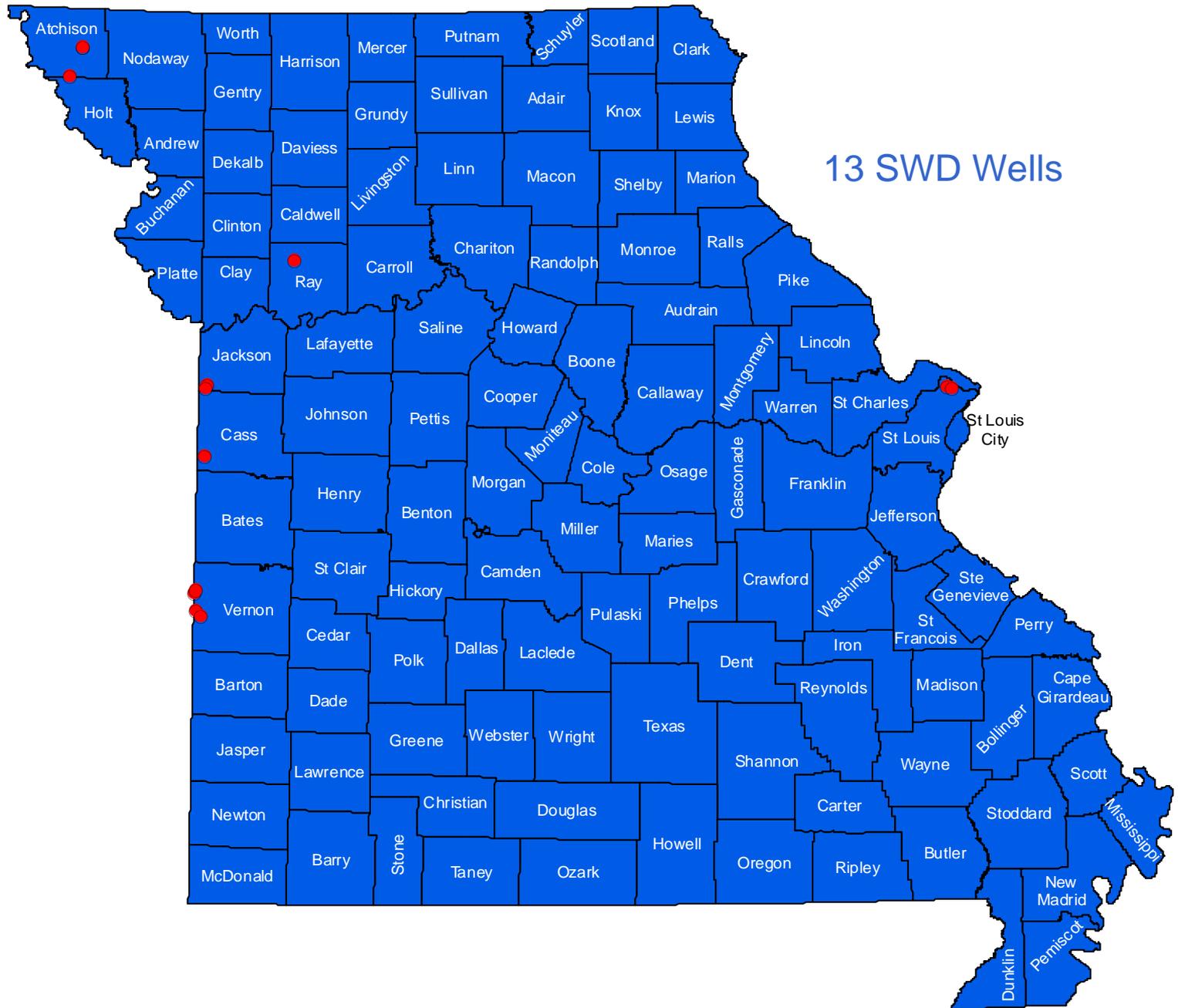
Missouri's Gas Wells



Class II Injection Wells

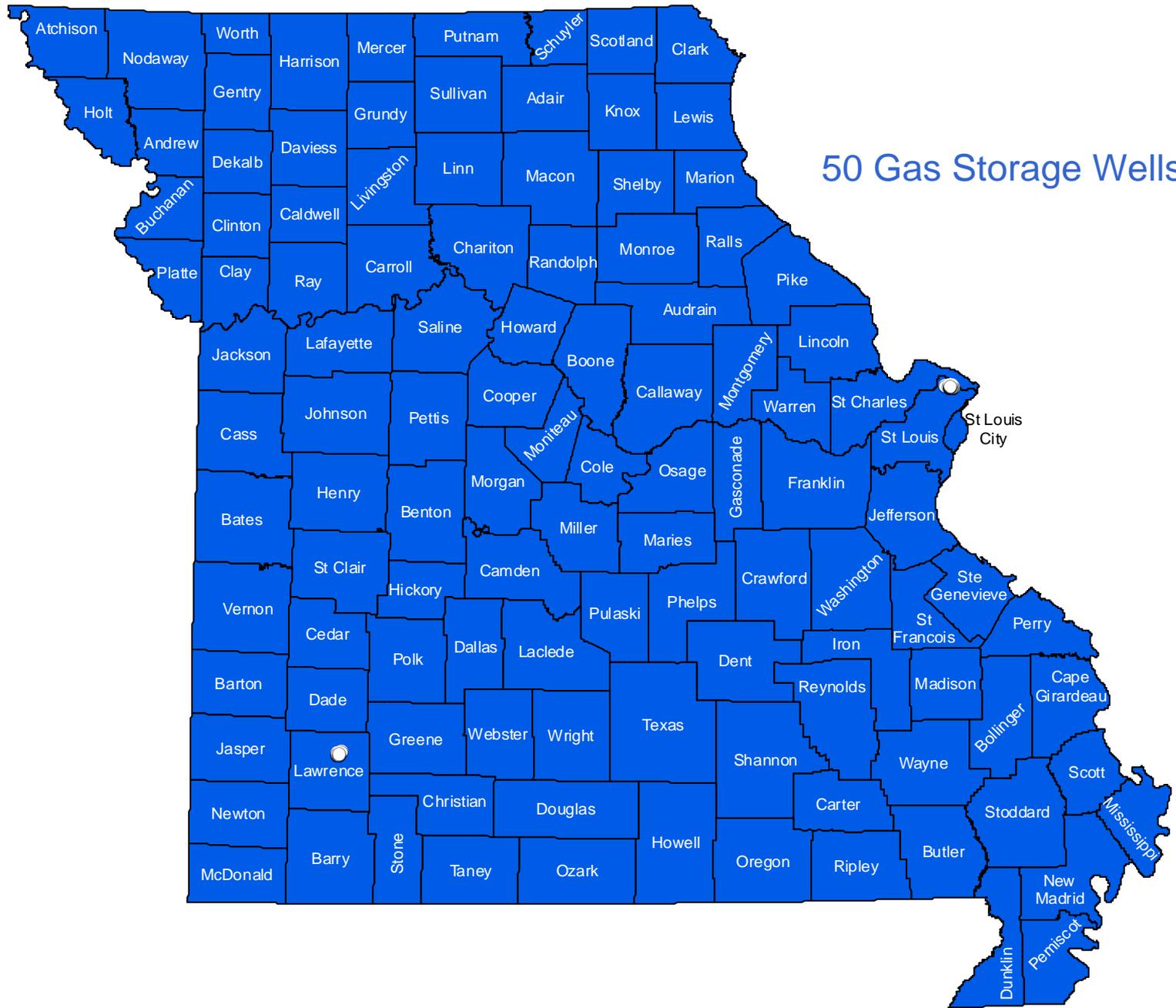


- Wells that inject fluids in connection with oil/gas production
 - Disposal of produced salt water
 - Injection of gas as a liquid in a storage project
 - Injection of fluids for enhance recovery
- Missouri has 251 Class II wells
 - Saline Water Disposal-13
 - Gas Storage-50
 - Enhanced Oil Recovery-188

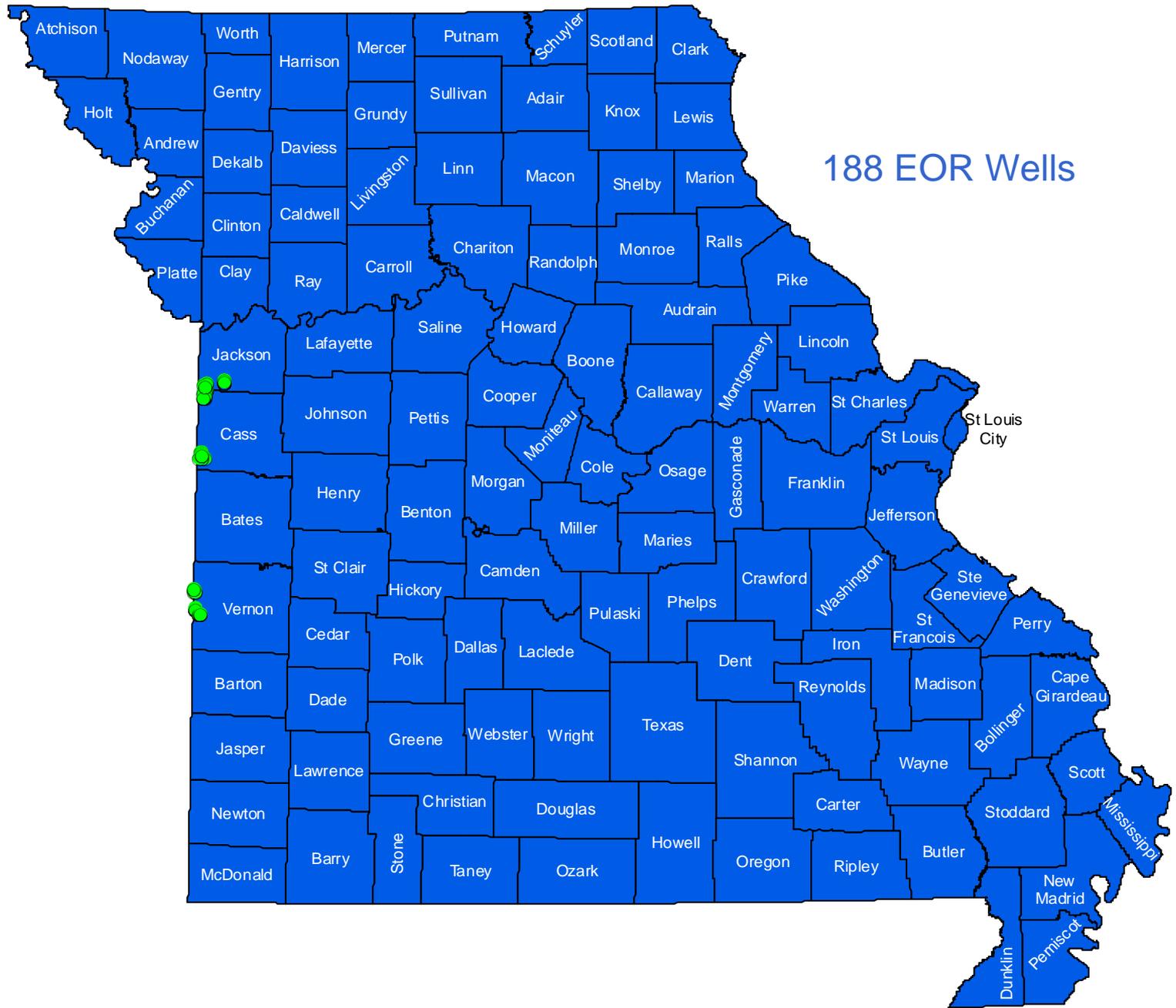


13 SWD Wells

Atchison, Nodaway, Worth, Harrison, Mercer, Putnam, Schuyler, Scotland, Clark, Holt, Andrew, Gentry, Harrison, Mercer, Putnam, Schuyler, Scotland, Clark, Buchanan, Dekalb, Daviess, Grundy, Sullivan, Adair, Knox, Lewis, Clinton, Caldwell, Livingston, Linn, Macon, Shelby, Marion, Pike, Clay, Ray, Carroll, Chariton, Randolph, Monroe, Ralls, Jackson, Lafayette, Saline, Howard, Boone, Lincoln, Cass, Johnson, Pettis, Cooper, Boone, Callaway, Montgomery, Warren, St. Charles, St. Louis, St. Louis City, Bates, Henry, Benton, Morgan, Cole, Osage, Gasconade, Franklin, Jefferson, Vernon, St. Clair, Hickory, Camden, Miller, Maries, Crawford, Washington, Ste. Genevieve, Perry, Cedar, Polk, Dallas, Laclede, Pulaski, Phelps, Dent, Iron, St. Francois, Cape Girardeau, Barton, Dade, Greene, Webster, Wright, Texas, Reynolds, Madison, Bolinger, Scott, Jasper, Lawrence, Christian, Douglas, Shannon, Wayne, Bolinger, Scott, Newton, Barry, Stone, Taney, Ozark, Howell, Oregon, Ripley, Butler, Stoddard, Missouri, McDonald, Dunklin, Pemiscot, New Madrid

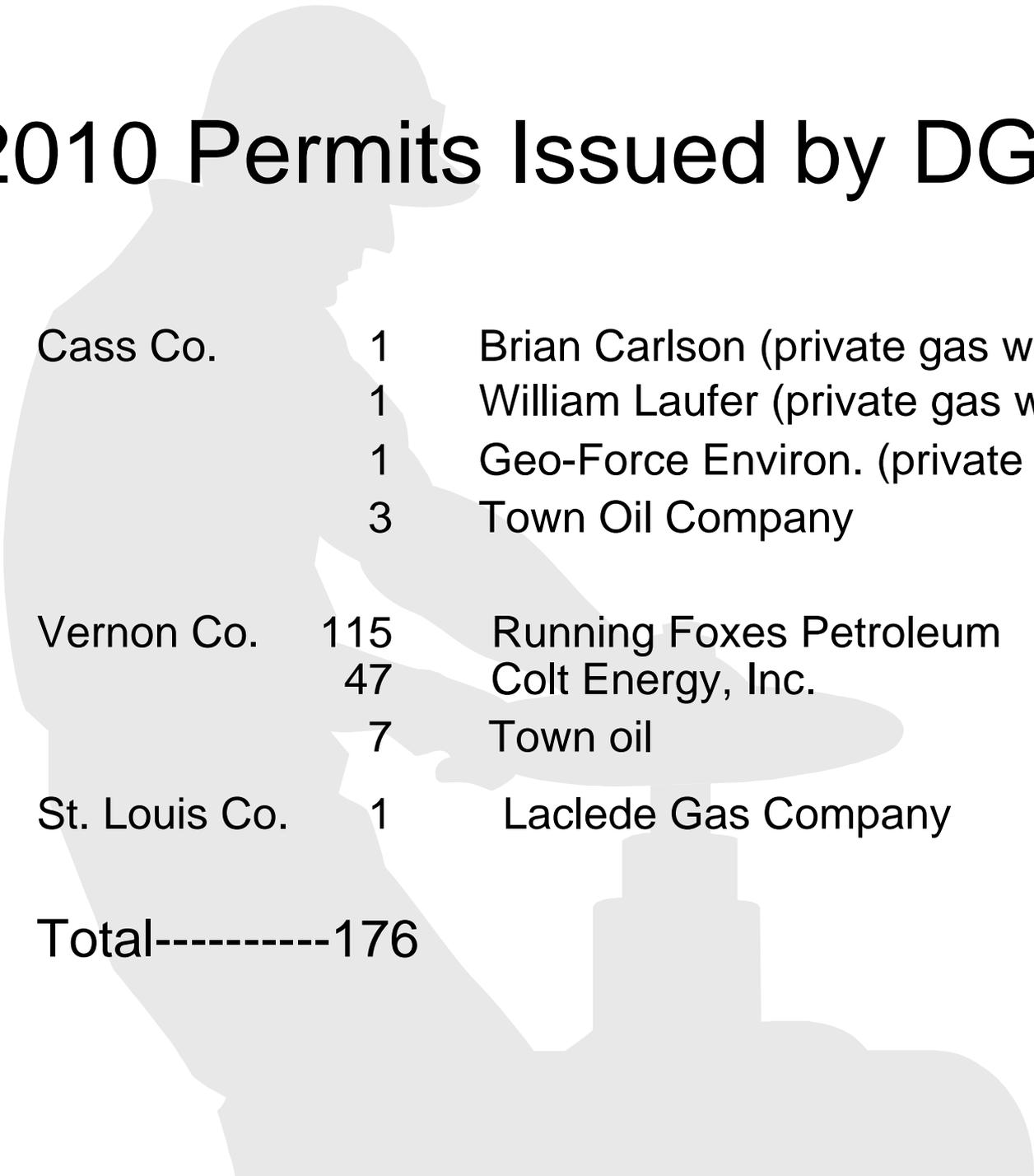


50 Gas Storage Wells



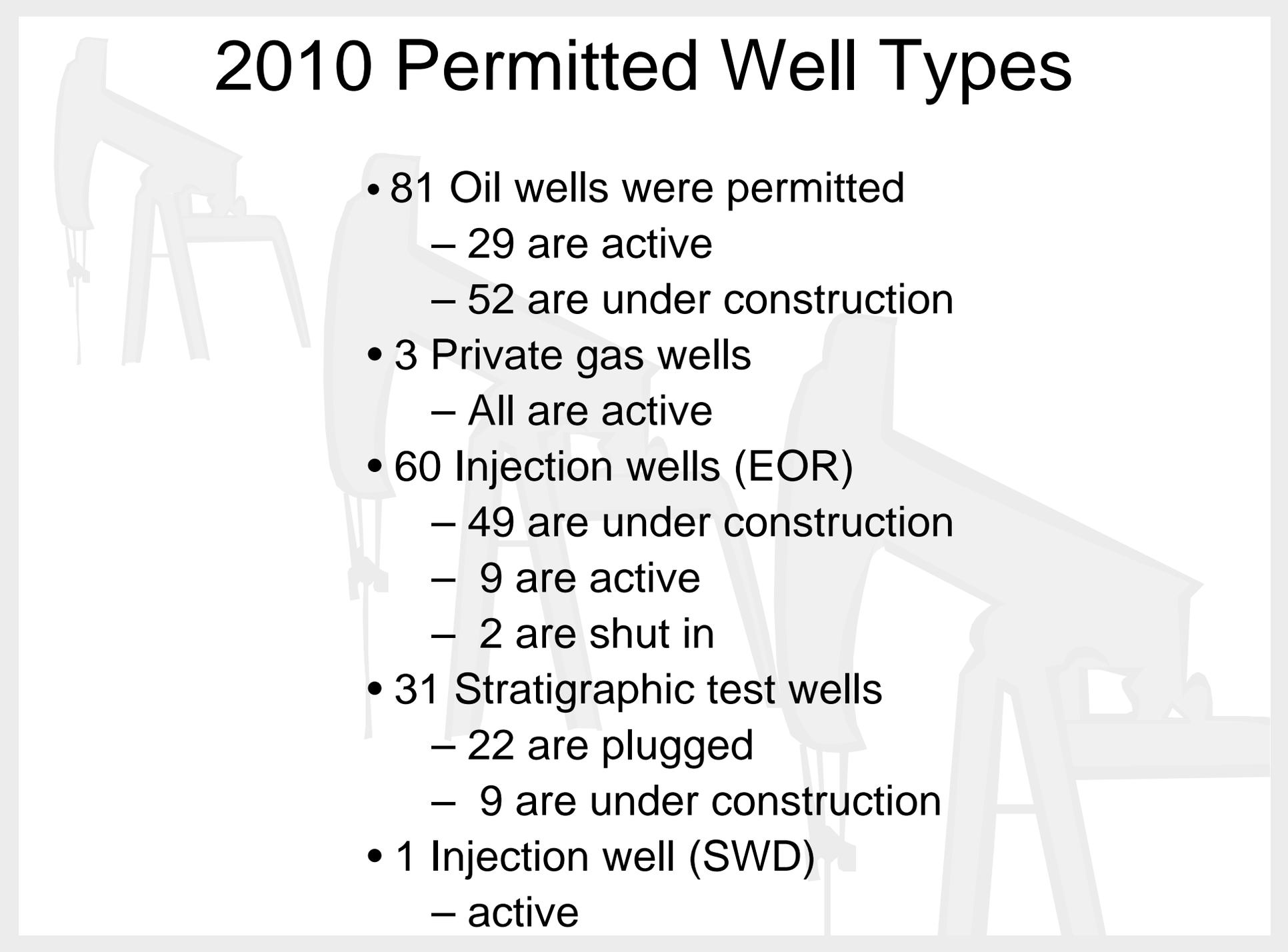
188 EOR Wells

2010 Permits Issued by DGLS



• Cass Co.	1	Brian Carlson (private gas well)
	1	William Laufer (private gas well)
	1	Geo-Force Environ. (private gas well)
	3	Town Oil Company
• Vernon Co.	115	Running Foxes Petroleum
	47	Colt Energy, Inc.
	7	Town oil
• St. Louis Co.	1	Laclede Gas Company
Total-----	176	

2010 Permitted Well Types

The background of the slide features a light gray silhouette of several oil pumpjacks (jack-o'-lanterns) arranged in a line, receding into the distance. The pumpjacks are stylized and serve as a thematic backdrop for the text.

- 81 Oil wells were permitted
 - 29 are active
 - 52 are under construction
- 3 Private gas wells
 - All are active
- 60 Injection wells (EOR)
 - 49 are under construction
 - 9 are active
 - 2 are shut in
- 31 Stratigraphic test wells
 - 22 are plugged
 - 9 are under construction
- 1 Injection well (SWD)
 - active

Missouri Wells Plugged

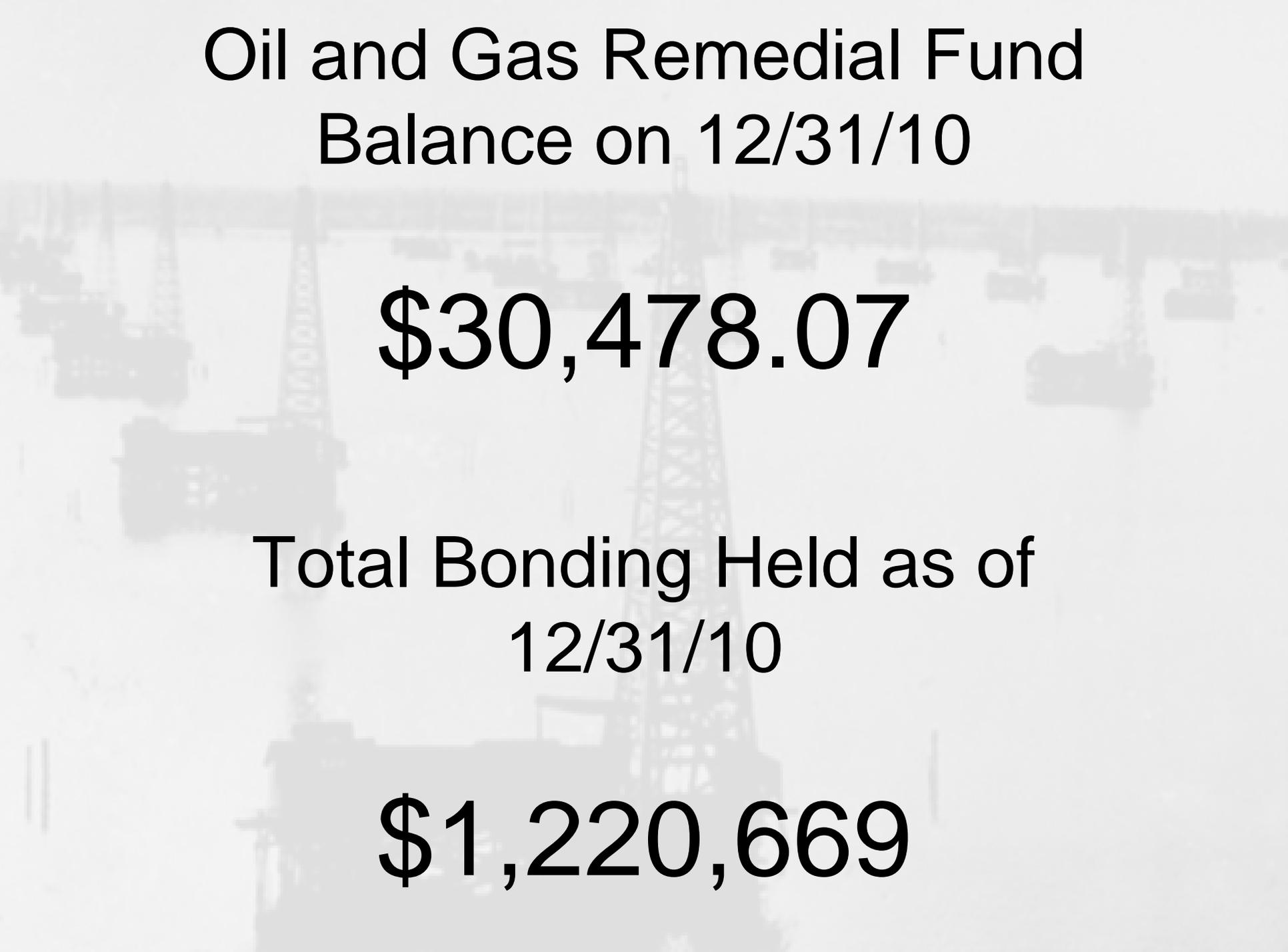
(oil/gas/injection/stratigraphic test)

• Barton Co.	2	Colt Energy Inc.
• Bates Co.	1	Colt Energy Inc.
	2	Osborn Energy, LLC
• Platte Co.	1	Timber Creek (private gas)
• St. Louis Co.	1	Bi-Petro Inc.
• Vernon Co.	33	Colt Energy Inc.
	7	Osage Plains Resources
2009 Total	47	

Bates Co.	3	Osborn Energy, LLC
	3	Colt Energy, Inc.
Jackson Co.	6	Colt Energy, Inc.
Vernon Co.	36	Colt Energy, Inc.
	3	Town Oil Co.
	2	Running Foxes Petro.
<u>2010 Total</u>	<u>53</u>	

Mechanical Integrity Tests & Lease Visits

- MIT were performed on 31 injection wells in 2010. DGLS/EPA staff witnessed 21 or 68% of all MIT.
- 12 MIT have been performed and 11 have been witnessed by department staff in 2011. Goal for 2011 is to witness at least 80%.
- 6 leases have been visited in 2011.
- The unit responded to over 1278 oil/gas inquiries in the past year.

The background of the slide is a faded, grayscale image of an oil drilling rig. The rig's complex structure, including its derrick and various support beams, is visible across the entire frame. The text is overlaid on this background.

**Oil and Gas Remedial Fund
Balance on 12/31/10**

\$30,478.07

**Total Bonding Held as of
12/31/10**

\$1,220,669



Thank You!

Questions?

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