



**MISSOURI**

**Department of Natural Resources**

**Division of Geology and Land Survey**

# Report on Oil and Gas Activities for 2009

State Oil and Gas Council Meeting

February 18, 2010

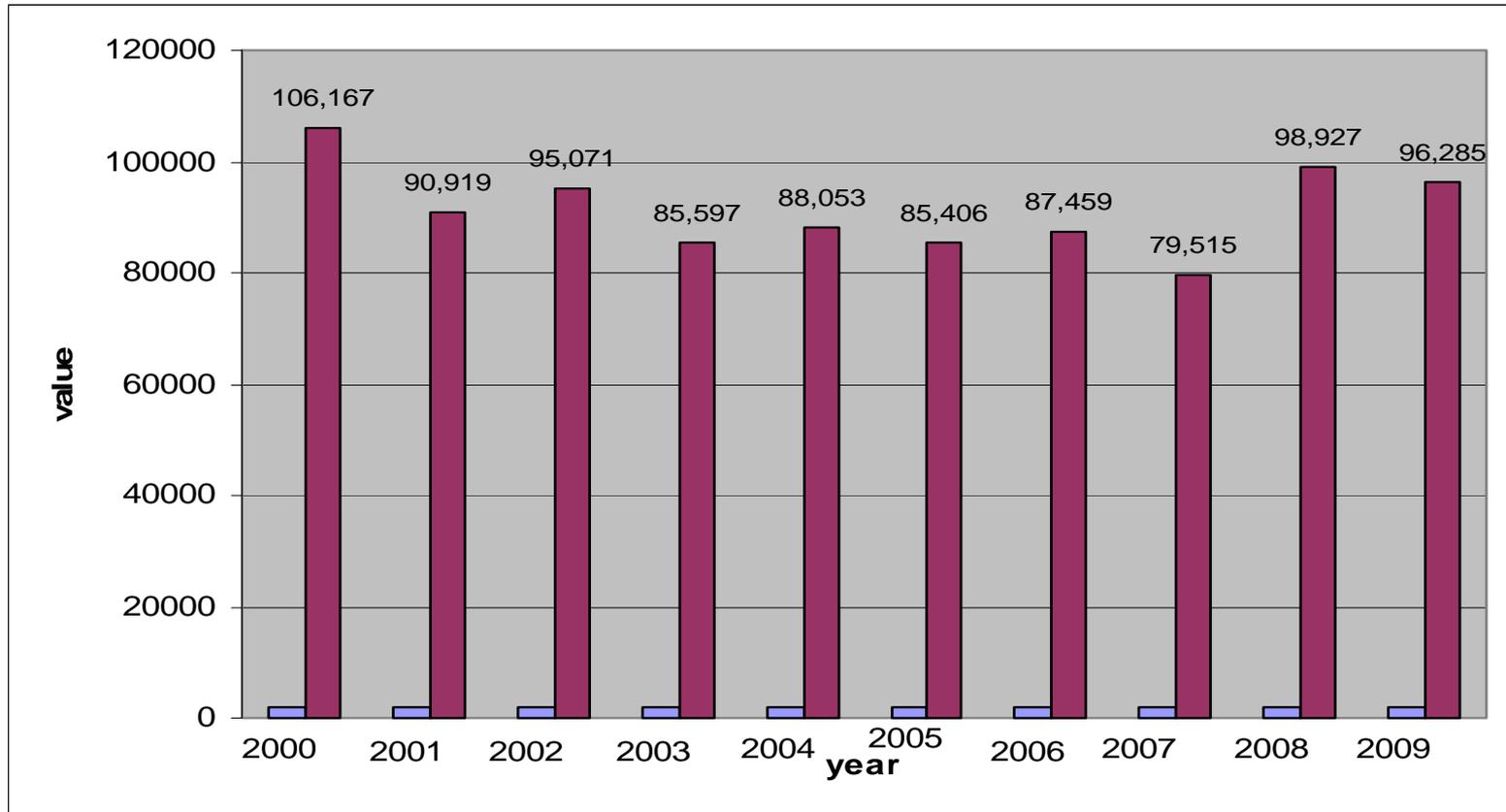
# Missouri Oil Production Summary

- In 2009, ten operators reported sales of 96,285 barrels of crude oil from 34 leases in five counties (Atchison, Cass, Jackson, St. Louis and Vernon)
- 2009 value for sales of Missouri oil was greater than \$5 million
- Predictions for total 2009 sales of Missouri oil was estimated to be \$4.7 million (87,000 bbls at \$55/bbl)

# Average Price for Missouri Oil

- 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)
- Average price per barrel in 2006 – \$57.34  
(ranging from \$42.72 to \$66.88)

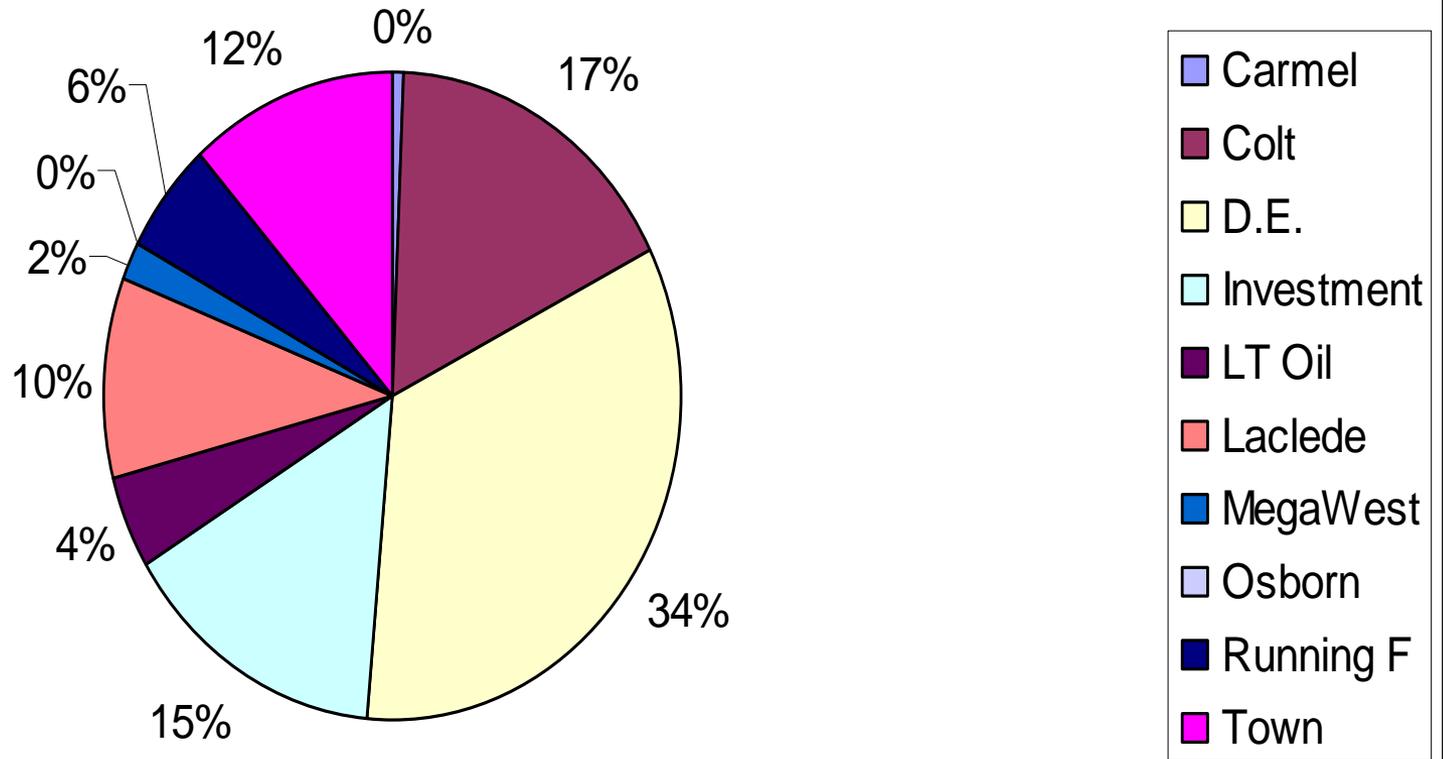
# Missouri 10 Year Oil Production (bbls)



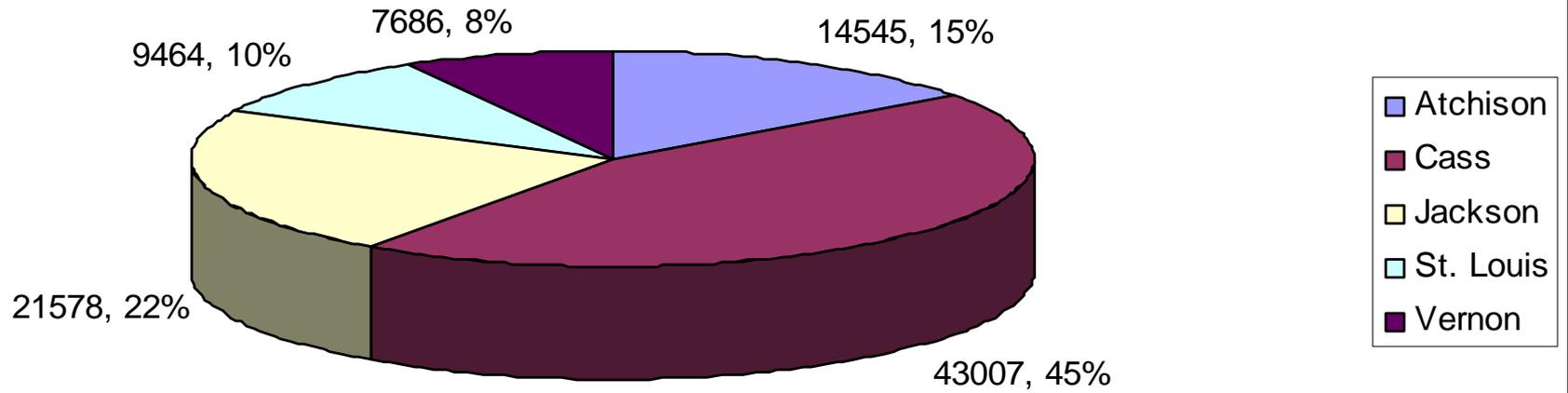
# Missouri Oil Production by Operator

	<u>2008</u>	<u>2009</u>
• D.E. Exploration Inc.-----	33,984	32,639
• Colt Energy Inc.-----	15,149	16,393
• Investment Equipment, LLC--	12,525	14,545
• Town Oil Company-----	11,730	11,225
• Laclede Gas Company-----	11,137	9,463
• Running Foxes Petroleum Inc.	326	5,327
• L.T. Oil-----	4,601	4,248
• MegaWest Energy Corp-----	8,561	1,929
• Carmel Energy-----	889	430
• Osborn Energy-----	23	81

# 2009 Operator Production



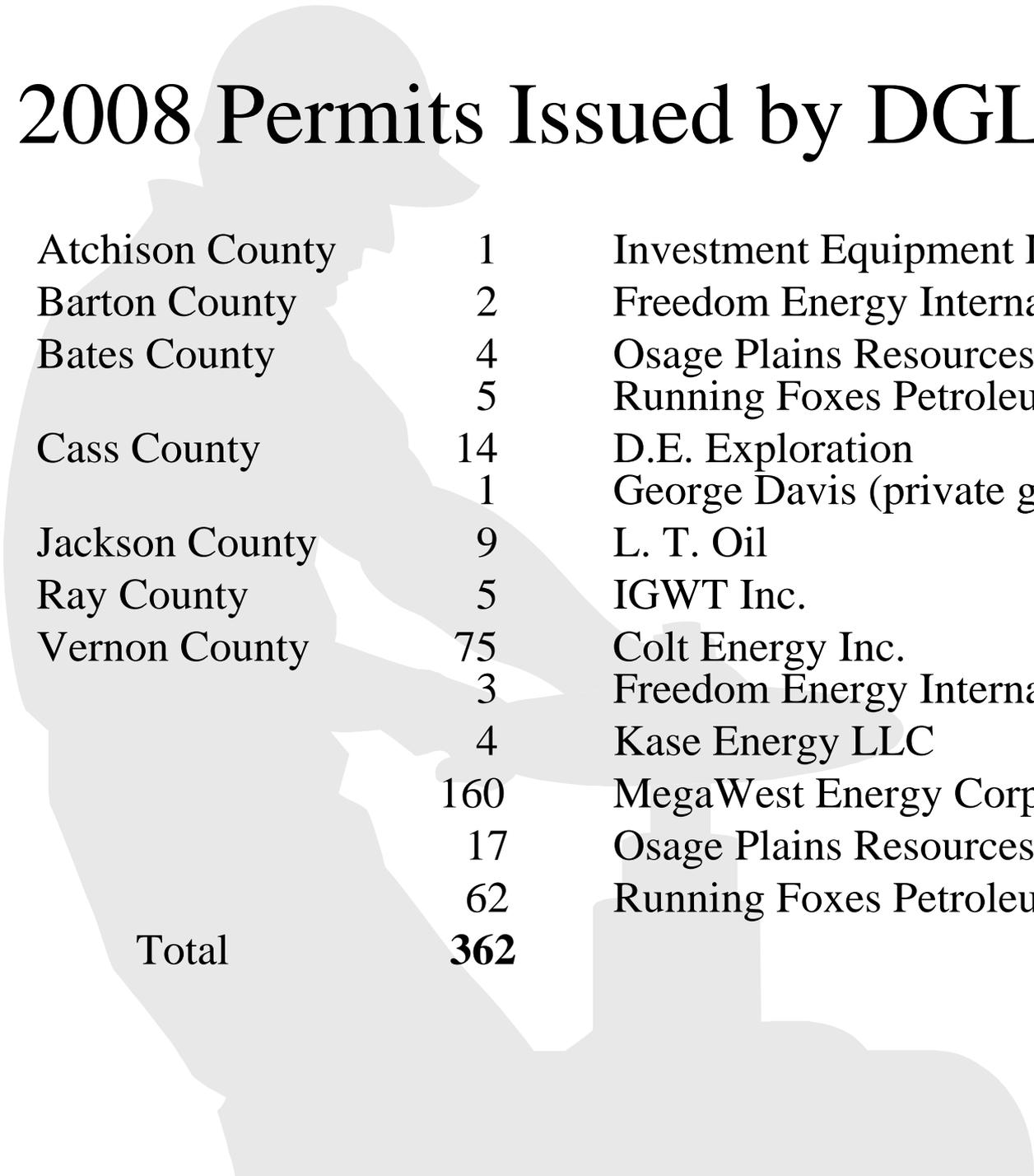
## 2009 County Production



# Missouri Commercial Gas Production Value Summary

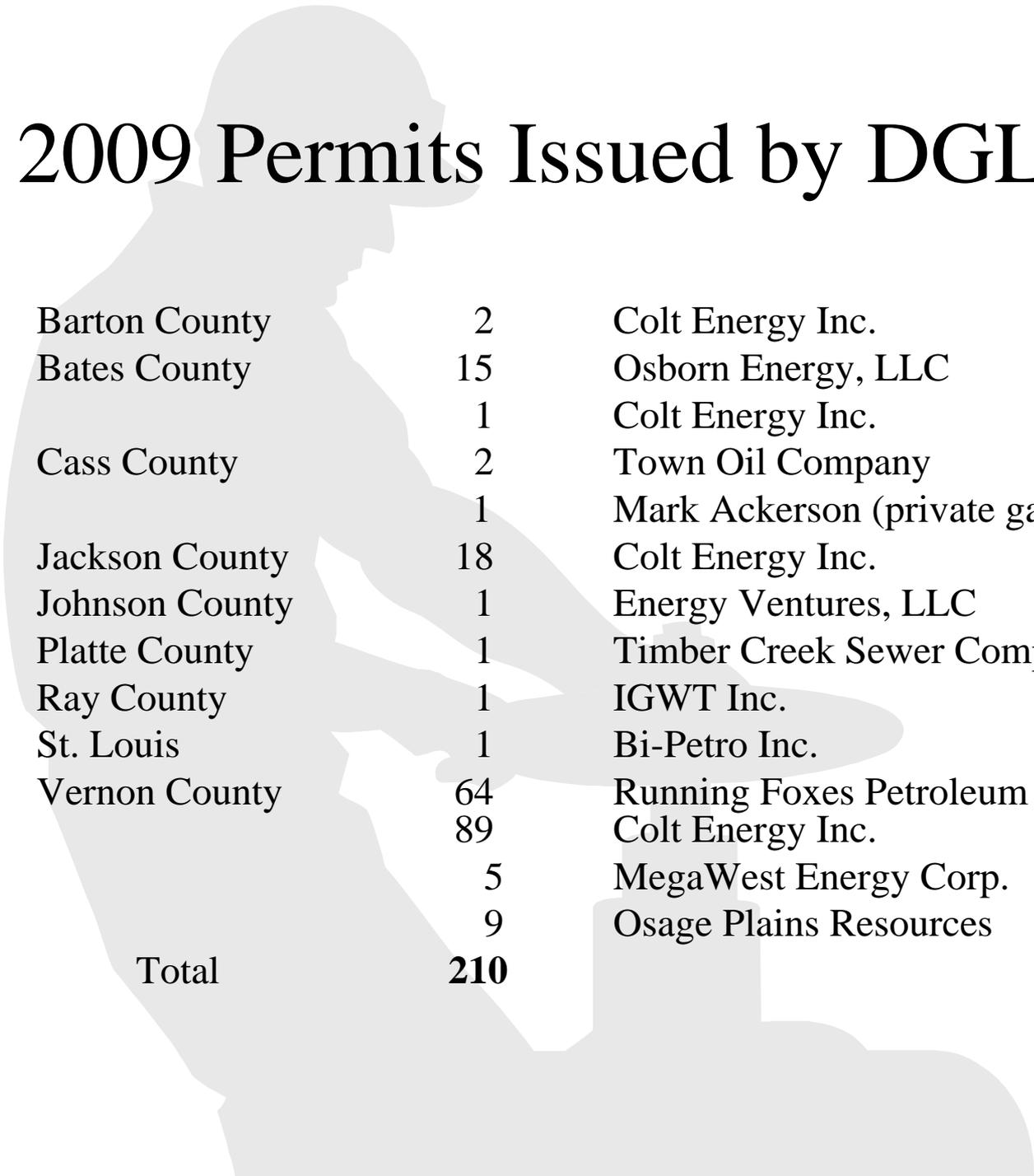
- Commercial producers of gas operated in Missouri prior to 1997. Running Foxes Inc. began commercial production in 2008.
- Natural gas production total in 2008 was 5,830 MCF. This gas was sold for \$22,853.
- Gas production total for 2009 was 13,301 MCF and sold for \$42,951.

# 2008 Permits Issued by DGLS



• Atchison County	1	Investment Equipment LLC
• Barton County	2	Freedom Energy International
• Bates County	4	Osage Plains Resources
	5	Running Foxes Petroleum
• Cass County	14	D.E. Exploration
	1	George Davis (private gas)
• Jackson County	9	L. T. Oil
• Ray County	5	IGWT Inc.
• Vernon County	75	Colt Energy Inc.
	3	Freedom Energy International
	4	Kase Energy LLC
	160	MegaWest Energy Corp.
	17	Osage Plains Resources
	62	Running Foxes Petroleum
Total	<b>362</b>	

# 2009 Permits Issued by DGLS



• Barton County	2	Colt Energy Inc.
• Bates County	15	Osborn Energy, LLC
	1	Colt Energy Inc.
• Cass County	2	Town Oil Company
	1	Mark Ackerson (private gas)
• Jackson County	18	Colt Energy Inc.
• Johnson County	1	Energy Ventures, LLC
• Platte County	1	Timber Creek Sewer Company
• Ray County	1	IGWT Inc.
• St. Louis	1	Bi-Petro Inc.
• Vernon County	64	Running Foxes Petroleum Inc.
	89	Colt Energy Inc.
	5	MegaWest Energy Corp.
	9	Osage Plains Resources
Total	<b>210</b>	

# Permitted Well Types

- **78 Oil wells permitted**
  - 12 Active
  - 3 Cancelled
  - 2 Plugged
  - 61 Under Construction
- **45 Injection wells permitted**
  - 8 Active
  - 4 Cancelled
  - 33 Under Construction
- **84 Stratigraphic test wells permitted**
  - 9 Cancelled
  - 43 Plugged
  - 32 Under Construction
- **2 Private gas wells**
  - 1 Active
  - 1 Dry Hole/plugged
- **1 Dry hole**
  - 1 Plugged

# Missouri Wells Plugged

(Oil/Gas/Injection/Stratigraphic Test)

• Bates County	1	Freeman Stanfill (private gas)
• Cass County	1	John Harris (private gas)
• Vernon County	5	MegaWest Energy Corp.
	30	Colt Energy Inc.
	2	Running Foxes Petroleum Inc.
2008 Total	<b>39</b>	
• Barton County	2	Colt Energy Inc.
• Bates County	1	Colt Energy Inc.
	2	Osborn Energy, LLC
• Platte County	1	Timber Creek (private gas)
• St. Louis County	1	Bi-Petro Inc.
• Vernon County	33	Colt Energy Inc.
	7	Osage Plains Resources
2009 Total	<b>47</b>	

# Mechanical Integrity Tests and Lease Visits

- MITs were performed on 112 injection wells in 2009. DGLS/EPA staff witnessed 64 or 57% of these tests.
- Field visits were conducted on 26 different oil/gas leases in 2009. Jeff Jaquess, Hairl Dayton and Scott Kaden performed these inspections.
- Staff responded to more than 1,150 oil/gas inquiries in 2009.

Oil and Gas Remedial Fund  
Balance on 12/31/09

\$10,478.07

Total Bonding Held as of 12/31/09

\$1,127,589