

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

[www.dnr.louisiana.gov/tad](http://www.dnr.louisiana.gov/tad)

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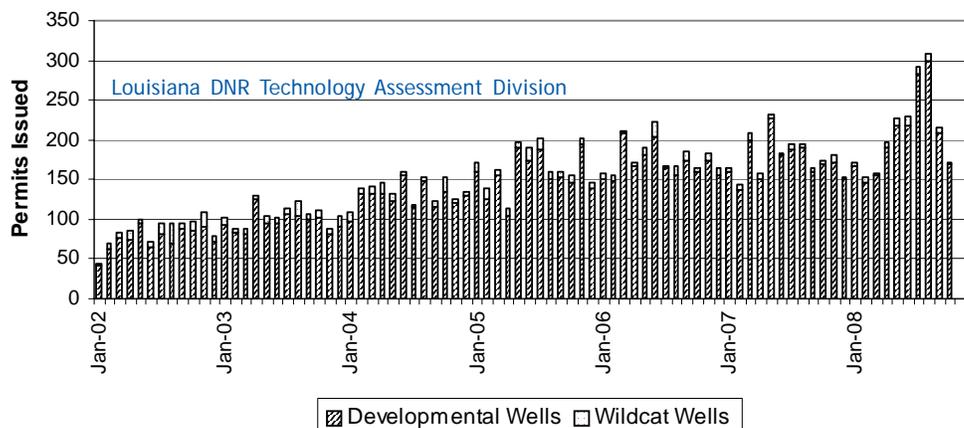
## Highlights DECEMBER 2008

Concern for the worsening economy and increasing supply are keeping natural gas prices low. Bloomberg said that the U.S. Department of Energy reported last week that stockpiles of natural gas rose unexpectedly amid slowing demand and normal weather. U.S. natural gas production in 2008 is expected to show a gain of 6 percent over 2007. Natural gas demand, over the same period, is only expected to show a gain of 1.1 percent. In 2009, U. S. natural gas production may rise 2 percent, while consumption is expected to fall by 0.2 percent. Natural gas prices at the Henry Hub will probably trade around \$6.10 per MMBTU in the next three months, unless there is a long, cold winter.

### Oil and Gas Drilling Permits Issued by the State of Louisiana

Month	Permits Issued						% Change	
	2003	2004	2005	2006	2007	2008	06/07	07/08
January	103	109	171	157	165	172		4.24%
February	89	138	138	155	144	153		6.25%
March	87	141	163	210	208	158		-24.04%
April	130	145	114	171	157	198		26.11%
May	104	131	198	189	232	228		-1.72%
June	102	161	189	222	184	230		25.00%
July	113	118	201	168	195	292		49.74%
August	124	152	159	166	195	308		57.95%
September	106	124	161	186	164	216		31.71%
October	112	154	155	165	174	172		-1.15%
November	89	126	201	183	180		-1.64%	
December	105	134	146	165	152		-7.88%	
<b>Year Average</b>	<b>105</b>	<b>136</b>	<b>166</b>	<b>178</b>	<b>179</b>	<b>213</b> *		

\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

<b>PRODUCTION</b>	<b>JUN 08</b>	<b>MAY 08</b>	<b>APR 08</b>	<b>JUN 07</b>
<b>LOUISIANA FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	30 <sup>1</sup>	31 <sup>1</sup>	35 <sup>1</sup>	36 <sup>1</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	130 <sup>1</sup>	139 <sup>1</sup>	148 <sup>1</sup>	171 <sup>1</sup>
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	153	160	155	154
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,715	1,734 <sup>2</sup>	1,679	1,584 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	300	299	298	300 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	282	292	318	381 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	1,510	1,478	1,461	1,483
U.S. Oil <sup>A</sup>	383	375	358	283
U.S. Offshore <sup>A</sup>	67	68	64	79
U.S. Total <sup>A</sup>	1,902	1,863	1,829	1,771
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	126.49	118.23 <sup>2</sup>	108.47	67.05 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	123.62	115.02 <sup>2</sup>	104.20	64.38
U.S. Wellhead Average <sup>C</sup>	127.47	118.55	106.64	62.35
Gulf OCS Wellhead Average <sup>C</sup>	125.90	114.81	104.68	64.60 <sup>2</sup>
State Severance Wellhead Average <sup>E</sup>	111.80	102.10	92.09	59.88
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	11.73	10.97 <sup>2</sup>	9.84	8.40 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	N/A	N/A	9.90	7.32 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	10.82	9.81	8.94	6.86
State Royalty Wellhead Average	8.73	12.14 <sup>2</sup>	10.92 <sup>2</sup>	7.74 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	11.92	11.28	9.58	7.59

### Key

### Data Sources

<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet	<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>2</b>	Revised	<b>MMB</b>	Million Barrels	<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>BCF</b>	Billion Cubic Feet	<b>N/A</b>	Not Available	<b>C</b>	U. S. Dept. of Energy		
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf				
<b>F.O.B.</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units				

**Note:** Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.

### Note from the Editors

*Louisiana Energy Facts* is published monthly by the Louisiana Department of Natural Resources, Technology Assessment Division as a public service to individuals interested in Louisiana energy activities. Content includes recent oil, gas and other energy statistics and a brief analysis of current trends.

*Louisiana Energy Facts* articles provide insight and information on subjects of special interest to our readers, and may announce relevant, forthcoming publications.

These documents are available on the Louisiana Department of Natural Resources, Technology Assessment Division home page: <http://www.dnr.louisiana.gov/tad>. From the menu, select **Energy Data & Reports**; choose **Louisiana Energy Facts Newsletter**. Our current online holdings include issues dating from 1998 through the present. If the issue you are seeking is unavailable, please contact us.

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 Biofuel Facilities in Louisiana  
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 An Update on Liquefied Natural Gas  
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 Incentives for Use of Renewable Energy  
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 Value of the International Residential Code to Louisiana  
 Builders Guide - Water Heating - Part 1  
 Highlights of the 16th Edition of Louisiana Crude Oil Refinery Survey  
 Economics of Commercial Photovoltaic and Net Metering  
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 Louisiana, an Energy Consuming State; An Update Using 2005 Data  
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 Energy Legislation - 2008 Regular Legislative Session  
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## Quick Facts

## DECEMBER 2008

Louisiana DNR Technology Assessment Division

### SPOT MARKET PRICES

	Nov 08	Oct 08	Nov 07
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	6.51	6.85	6.96
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	6.47	7.47	7.27
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	56.74	78.78	96.01 <sup>2</sup>

### BAKER HUGHES RIG COUNTS

	Oct 08	Sep 08	Oct 07
North Louisiana <sup>A</sup>	82	85	56
South Louisiana Inland Waters <sup>A</sup>	21	19	26
South Louisiana Inland <sup>A</sup>	29	26	28
Louisiana State Offshore	2	3	2
Louisiana Federal OCS Offshore	58	52	40
Total Louisiana <sup>A</sup> (OCS included)	192	185	152

### PRODUCTION (State Jurisdiction Only)

	Oct 08	Sep 08	Oct 07
Louisiana Crude Oil & Condensate (MMB)	6.0 <sup>1</sup>	5.8 <sup>1</sup>	6.5 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	110.2 <sup>1</sup>	108.3 <sup>1</sup>	114.4 <sup>2</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	Oct 08	Sep 08	Oct 07
Total Louisiana Oil and Gas	172	216	174
Louisiana Wildcats	3	7	4
Louisiana Offshore (Wildcats included)	3	2	2