

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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

MAY 2013

## Highlights

Natural gas price futures for May 2013 settled at \$4.15 per MMBTU. The last time natural gas price futures settled above \$4 per MMBTU was 18 months ago. The May 2013 settlement price was more than double the May 2012 settlement price. There are signs that the \$4 per MMBTU price is crumbling as the cold spring comes to an end. The decline in gas-directed rigs has not helped to keep the gas price up. The Friday April 26, 2013 Baker Hughes' rig count reported a 13 rig decline, bringing the count to 366, because natural gas supply is still 1.2% higher than a year ago. The price of coal is also pushing gas prices down. If gas prices stay above \$4 per MMBTU a switch from gas to coal will occur in the power generation sector.

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

### INSIDE

**Highlights**  
page 1

**Oil and Gas Drilling Permits Issued by the State of Louisiana**  
page 1

**Current Oil & Gas Data**  
page 2

**2012 Louisiana State Producing Oil Wells, by Production Rate**  
page 3

**2012 Louisiana State Producing Gas Wells, by Production Rate**  
page 3

**Quick Facts**  
page 4

**Featured Articles and Inserts**  
[Results of the Empower Louisiana Energy Efficiency and Conservation \(EECBG\) Block Grant\) Program](#)



Department of Natural Resources  
**Stephen Chustz**,  
Interim Secretary

Technology Assessment Division  
**William J. Delmar, Jr., P.E.**  
Assistant Director  
**Manuel Lam**, Senior Analyst

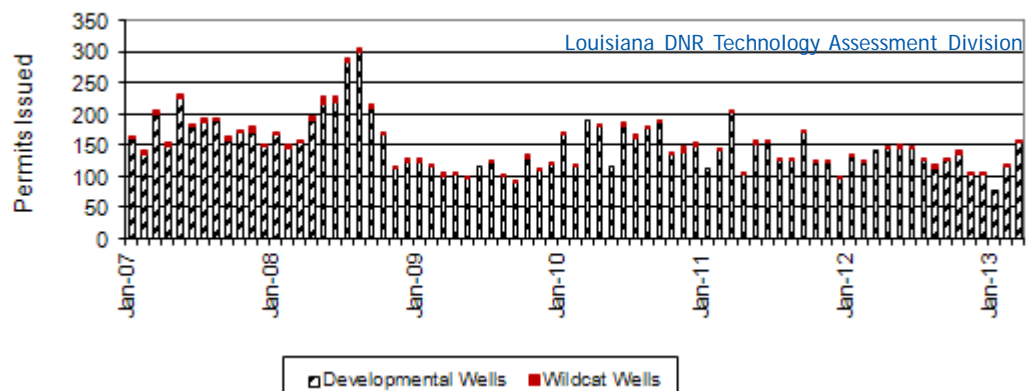
617 North Third Street  
Baton Rouge, LA 70802

Tel. (225) 342-1270  
Fax. (225) 242-1397  
Email: [techasmt@la.gov](mailto:techasmt@la.gov)  
[www.dnr.louisiana.gov/tad](http://www.dnr.louisiana.gov/tad)

### Permits Issued

Month	Permits Issued						% Change	
	2008	2009	2010	2011	2012	2013	11/12	12/13
January	172	129	172	113	134	79		-41.04%
February	153	118	120	143	123	121		-1.63%
March	158	106	192	208	141	158		12.06%
April	198	108	183	107	147		37.38%	
May	228	97	118	159	152		-4.40%	
June	230	118	186	159	150		-5.66%	
July	292	123	169	128	129		0.78%	
August	308	105	182	131	119		-9.16%	
September	216	93	191	176	130		-26.14%	
October	172	135	139	125	143		14.40%	
November	117	113	148	128	107		-16.41%	
December	130	120	156	99	106		7.07%	
<b>Year Average</b>	<b>198</b>	<b>114</b>	<b>163</b>	<b>140</b>	<b>132</b>	<b>119</b> *		

\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	NOV 12	OCT 12	SEP 12	NOV 11
<b>LOUISIANA FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	36 <sup>1</sup>	36 <sup>1</sup>	30 <sup>1</sup>	34 <sup>1</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	92 <sup>1</sup>	93 <sup>1</sup>	79 <sup>1</sup>	101 <sup>1</sup>
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	210	214 <sup>2</sup>	196 <sup>2</sup>	180 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,991	2,056 <sup>2</sup>	1,981 <sup>2</sup>	1,978 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	243	251	251	262 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	233	253 <sup>2</sup>	258	249 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	421	426	447	880
U.S. Oil <sup>A</sup>	1,315	1,407	1,409	1,125
U.S. Offshore <sup>A</sup>	51	49	51	37
U.S. Total <sup>A</sup>	1,809	1,834	1,859	2,011
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	95.94	101.29 <sup>2</sup>	105.05	108.16
U.S. Imports Average <sup>C</sup> (F.O.B.)	92.23	97.75	101.08	105.79
U.S. Wellhead Average <sup>C</sup>	89.65	92.25	95.98	100.18
Gulf OCS Wellhead Average <sup>C</sup>	102.72	104.53	105.69	111.53
State Severance Wellhead Average <sup>E</sup>	101.77	103.71	98.75	104.41
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	4.79	4.65 <sup>2</sup>	4.74 <sup>2</sup>	5.29 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	3.98	3.12	2.64	3.58 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	3.35	3.03	2.71	3.35
State Royalty Wellhead Average	3.51	3.28 <sup>2</sup>	2.79	3.47 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.47	3.02	2.63	3.52

### 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>NA</b>	Not Available	<b>C</b>	U. S. Dept. of Energy		
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf	<b>Note:</b> Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.			
<b>FO.B.</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units				

### 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 **Newsletters**. Our current online holdings include issues dating from 1998 through the present. If the issue you are seeking is unavailable, please contact us.

**To request a subscription or update your mailing address**, contact us with your information. Please specify print or electronic subscription. **We value your feedback.** Please send your comments and suggestions for improving and enhancing the newsletter to: [techasmt@la.gov](mailto:techasmt@la.gov).

## 2012 Louisiana State Producing Oil Wells, By Production Rate OCS Wells Excluded

Louisiana DNR Technology Assessment Division

PRODUCTION BRACKET	NUMBER OF WELLS	TOTAL ANNUAL PRODUCTION	
<u>BARRELS/DAY</u>	<u>WELLS</u>	<u>BARRELS/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal 10	1,989	8,944,336	11.88%
Between 10 - 15	834	3,622,249	4.81%
Between 15 - 20	N/A	3,199,641	4.25%
Between 20 - 30	659	5,619,973	7.47%
Between 30 - 40	587	6,701,798	8.90%
Between 40 - 50	228	3,414,848	4.54%
Between 50 - 75	476	9,704,448	12.89%
Between 75 - 100	N/A	5,122,447	6.81%
Between 100 - 150	216	8,611,327	11.44%
Between 150 - 200	73	4,351,104	5.78%
Between 200 - 300	52	4,305,894	5.72%
Between 300 - 500	28	3,781,517	5.02%
Between 500 - 1,000	6	1,505,148	2.00%
Between 1,000 - 2,000	N/A	338,385	0.45%
Between 2,000 - 5,000	N/A	2,277,645	3.03%
Over 5000	N/A	3,767,496	5.01%

## 2012 Louisiana State Producing Gas Wells, By Production Rate OCS Wells Excluded

Louisiana DNR Technology Assessment Division

PRODUCTION BRACKET	NUMBER OF WELLS		TOTAL ANNUAL PRODUCTION	
<u>MCF/DAY</u>	<u>WELLS</u>	<u>% TOTAL WELLS</u>	<u>MCF/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal 50	10,291	51.73%	42,500,897	1.44%
Between 50 - 60	552	2.77%	10,010,010	0.34%
Between 60 - 70	470	2.36%	10,158,681	0.34%
Between 70 - 80	404	2.03%	9,959,466	0.34%
Between 80 - 90	447	2.25%	12,421,470	0.42%
Between 90 - 100	476	2.39%	14,953,058	0.51%
Between 100 - 250	3,407	17.13%	171,004,516	5.78%
Between 250 - 400	695	3.49%	76,655,298	2.59%
Between 400 - 800	695	3.49%	134,738,727	4.55%
Between 800 - 1,600	698	3.51%	270,111,436	9.13%
Between 1,600 - 3,200	869	4.37%	690,736,440	23.33%
Between 3,200 - 6,400	785	3.95%	1,151,778,229	38.91%
Between 6,400 - 12,800	87	0.44%	214,882,102	7.26%
Between 12,800 - 25,600	14	0.07%	83,994,844	2.84%
Over 25,600	4	0.02%	66,214,171	2.24%

This issue of **Louisiana Energy Facts** is funded 100% (\$835) with Petroleum Violation Escrow funds as part of the State Energy Program as approved by the U.S. Department of Energy and Department of Natural Resources. This public document was published at a total cost of \$835. 970 copies of this public document were published in this first printing at a total cost of \$835. The total cost of all printing of this document, including reprints, is \$835. This document was published by the Department of Natural Resources, P.O. Box 94396, Baton Rouge, LA 70804-9396 to promulgate the State Energy Program developed under authority of P.L. 94-163. This material was printed in accordance with the standards for printing by State agencies established pursuant to R.S. 43.31.



LOUISIANA DEPARTMENT OF NATURAL RESOURCES  
 Technology Assessment Division  
 P. O. Box 94396  
 Baton Rouge, LA 70804-9396

PRST STD  
 U.S. POSTAGE  
**PAID**  
 BATON ROUGE, LA  
 PERMIT NO. 936

## ADDRESS SERVICE REQUESTED

### INSIDE

**Highlights**  
page 1

**Oil and Gas Drilling Permits Issued by the State of Louisiana**  
page 1

**Current Oil & Gas Data**  
page 2

**2012 Louisiana State Producing Oil Wells, by Production Rate**  
page 3

**2012 Louisiana State Producing Gas Wells, by Production Rate**  
page 3

**Quick Facts**  
page 4

**Featured Articles and Inserts**  
[Results of the Empower Louisiana Energy Efficiency and Conservation \(EECBG\) Block Grant\) Program](#)

## Quick Facts

**MAY 2013**

Louisiana DNR Technology Assessment Division

### SPOT MARKET PRICES

	Apr 13	Mar 13	Apr 12
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	4.08	3.64	1.96
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.98	3.43	2.19
Light Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	105.42	112.97 <sup>2</sup>	122.51

### BAKER HUGHES RIG COUNTS

	Mar 13	Feb 13	Mar 12
North Louisiana <sup>A</sup>	25	23	51
South Louisiana Inland Waters <sup>A</sup>	20	17	19
South Louisiana Inland <sup>A</sup>	14	17	27
Louisiana State Offshore	2	2	2
Louisiana Federal OCS Offshore	46	50	37
Total Louisiana <sup>A</sup> (OCS included)	107	109	136

### PRODUCTION (State Jurisdiction Only)

	Mar 13	Feb 13	Mar 12
Louisiana Crude Oil & Condensate (MMB)	6.6	6.4 <sup>2</sup>	6.3 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	224.3	224.2 <sup>2</sup>	251.8 <sup>2</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	Mar 13	Feb 13	Mar 12
Total Louisiana Oil and Gas	158	121	141
Louisiana Wildcats	1	4	0
Louisiana Offshore (Wildcats included)	5	5	6