

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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## Highlights

**MAY 2015**

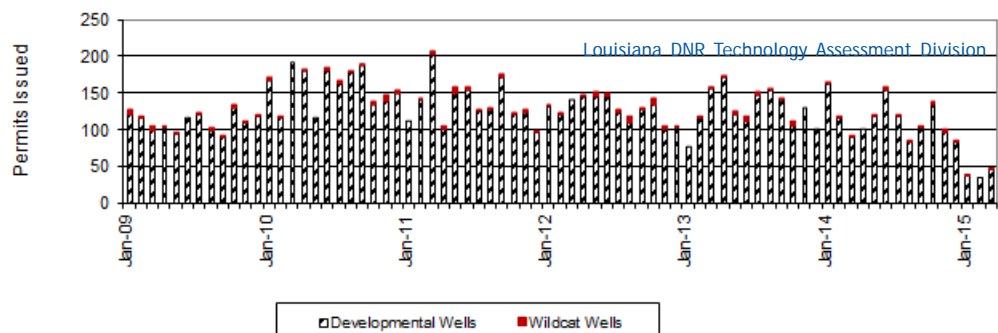
The Louisiana natural gas average spot price is expected to be between \$2.45 and \$2.95 per MMBTU during the summer months. The April 2015 average gas spot price was \$2.53 per MMBTU. The price was 9.8% lower than March 2015 and 44.0% lower than last year's corresponding average. Working gas in storage was 1,710 BCF as of Thursday, April 24, 2015, according to EIA estimates. This represents a net increase of 81 BCF from the previous week. Stocks were 76.5% higher than last year at this time, but 4.2% below the 5-year average of 1,785 BCF. Natural Gas Week (April 20, 2015) analysts' survey is predicting an average of \$2.78 per MMBTU for 2015 with a range of \$2.55 to \$3.0 per MMBTU.

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

### Permits Issued

Month							% Change	
	2010	2011	2012	2013	2014	2015	13/14	14/15
January	172	113	134	79	165	40	108.86%	-75.76%
February	120	143	123	121	120	37	-0.83%	-69.17%
March	192	208	141	158	94	50	-40.51%	-46.81%
April	183	107	147	174	102		-41.38%	
May	118	159	152	127	122		-3.94%	
June	186	159	150	120	159		32.50%	
July	169	128	129	153	122		-20.26%	
August	182	131	119	157	87		-44.59%	
September	191	176	130	142	106		-25.35%	
October	139	125	143	113	140		23.89%	
November	148	128	107	131	103		-21.37%	
December	156	99	106	103	88		-14.56%	
<b>Year Average</b>	<b>163</b>	<b>140</b>	<b>132</b>	<b>132</b>	<b>117</b>	<b>42</b> *		

\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	NOV 14	OCT 14	SEP 14	NOV 13
<b>PRODUCTION</b>				
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate <sup>C</sup> (MMB)	35 <sup>1</sup>	39 <sup>1</sup>	37 <sup>1</sup>	34 <sup>1</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	74 <sup>1</sup>	83 <sup>1</sup>	80 <sup>1</sup>	81 <sup>1</sup>
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	271	280	268	236 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,192	2,237	2,151	2,058 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	218	221	225	222
U.S. Natural Gas <sup>C</sup> (BCF)	219	221	202	219
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	351	331	336	366
U.S. Oil <sup>A</sup>	1,573	1,593	1,592	1,384
U.S. Offshore <sup>A</sup>	53	57	64	58
U.S. Total <sup>A</sup>	1,925	1,925	1,930	1,756
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	70.69	79.29	88.39	93.23
U.S. Imports Average <sup>C</sup> (F.O.B.)	67.39	76.73	85.26	88.30
U.S. Wellhead Average <sup>C</sup>	71.07	78.83	87.34	88.70
Gulf OCS Wellhead Average <sup>C</sup>	80.98	87.47	95.03	94.57
State Severance Wellhead Average <sup>E</sup>	N/A	65.77	105.53	104.73
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	4.92	5.18	5.48	4.78 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	3.97	3.87	4.24	3.77 <sup>2</sup>
U.S. Spot Market Average <sup>D</sup>	4.08	3.73	3.86	3.77
State Royalty Wellhead Average	3.95	3.84	3.93	3.56
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.73	3.98	3.96	3.50

### 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.

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## 2014 Louisiana State Producing Oil Wells, By Production Rate OCS Wells Excluded

Louisiana DNR Technology Assessment Division

<u>PRODUCTION BRACKET</u>	<u># OF WELLS</u>	<u>TOTAL ANNUAL PRODUCTION</u>	
<u>BARRELS/DAY</u>	<u>WELLS</u>	<u>BARRELS/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal 10	18,239	9,219,361	13.46%
Between 10 - 15	744	3,482,633	5.08%
Between 15 - 20	524	3,319,305	4.85%
Between 20 - 30	720	6,590,744	9.62%
Between 30 - 40	470	5,823,287	8.50%
Between 40 - 50	246	3,982,907	5.81%
Between 50 - 75	425	9,271,465	13.54%
Between 75 - 100	170	5,324,650	7.77%
Between 100 - 150	128	5,599,610	8.17%
Between 150 - 200	63	4,032,259	5.89%
Between 200 - 300	49	4,228,067	6.17%
Between 300 - 500	32	4,376,893	6.39%
Between 500 - 1,000	12	2,744,350	4.01%
Between 1,000 - 2,000	1	503,614	0.74%
Between 2,000 - 5,000	0	0	0.00%
Over 5000	0	0	0.00%

## 2014 Louisiana State Producing Gas Wells, By Production Rate OCS Wells Excluded

Louisiana DNR Technology Assessment Division

<u>PRODUCTION BRACKET</u>	<u># OF WELLS</u>	<u>TOTAL ANNUAL PRODUCTION</u>	
<u>MCF/DAY</u>	<u>WELLS</u>	<u>MCF/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal 50	10,383	35,487,955	1.87%
Between 50 - 60	689	14,354,343	0.76%
Between 60 - 70	541	13,385,788	0.71%
Between 70 - 80	519	14,749,321	0.78%
Between 80 - 90	542	17,308,242	0.91%
Between 90 - 100	532	18,925,109	1.00%
Between 100 - 250	2,611	137,325,916	7.24%
Between 250 - 400	776	87,146,459	4.59%
Between 400 - 800	1,186	253,154,436	13.35%
Between 800 - 1,600	924	370,600,845	19.54%
Between 1,600 - 3,200	395	313,560,363	16.53%
Between 3,200 - 6,400	164	265,314,999	13.99%
Between 6,400 - 12,800	68	198,028,000	10.44%
Between 12,800 - 25,600	16	103,385,906	5.45%
Over 25,600	4	54,214,071	2.86%

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## Quick Facts

**MAY 2015**

Louisiana DNR Technology Assessment Division

### SPOT MARKET PRICES

	Apr 15	Mar 15	Apr 14
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	2.53	2.80	4.51
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.59	2.89	4.58
Light Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	60.67	54.38	104.15

### BAKER HUGHES RIG COUNTS

	Mar 15	Feb 15	Mar 14
North Louisiana <sup>A</sup>	27	33	28
South Louisiana Inland Waters <sup>A</sup>	6	8	18
South Louisiana Inland <sup>A</sup>	12	17	12
Louisiana State Offshore	0	1	0
Louisiana Federal OCS Offshore	30	48	47
Total Louisiana <sup>A</sup> (OCS included)	85	107	105

### PRODUCTION (State Jurisdiction Only)

	Mar 15	Feb 15	Mar 14
Louisiana Crude Oil & Condensate (MMB)	5.6	5.5	6.0 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	141.0	137.5	169.8 <sup>2</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	Mar 15	Feb 15	Mar 14
Total Louisiana Oil and Gas	50	37	94
Louisiana Wildcats	1	0	3
Louisiana Offshore (Wildcats included)	0	1	0