

# 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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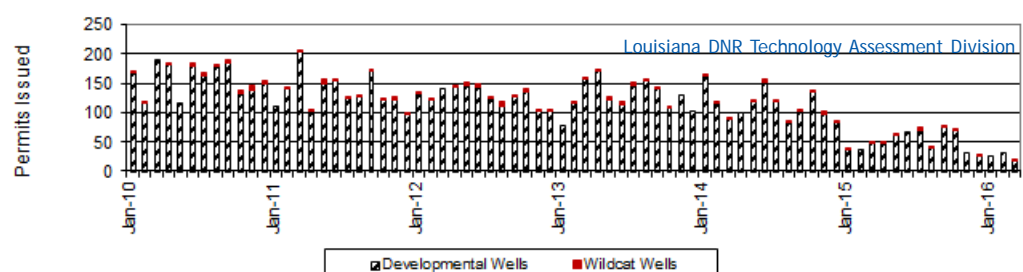
## Highlights

Oil prices are on the upswing again. The WTI average trading price in April 2016 was \$40.74/bbl, which was 34.4% higher than the February 2016 average. On April 28th, the June crude oil contract on the NYMEX settled at \$46.03/bbl, the highest price since November 2015. Rising output from the biggest oil producers in the Middle East and North Sea renewed concerns about global oversupply. Economic data is showing a negative outlook for demand which is pressuring the global oil price downward, however, the lower supply from the United States should support prices in the longer term. Market Watch recently posted on the web that the Wall Street Journal polled 13 investment banks about oil prices. The survey showed the bankers expect WTI U.S. benchmark will average \$39/bbl in 2016, which means that it remains unchanged from the previous survey.

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

Month	Permits Issued						% Change	
	2011	2012	2013	2014	2015	2016	14/15	15/16
January	113	134	79	165	40	28	-75.76%	-30.00%
February	143	123	121	120	37	33	-69.17%	-10.81%
March	208	141	158	94	50	19	-46.81%	-62.00%
April	107	147	174	102	53		-48.04%	
May	159	152	127	122	64		-47.54%	
June	159	150	120	159	69		-56.60%	
July	128	129	153	122	77		-36.89%	
August	131	119	157	87	44		-49.43%	
September	176	130	142	106	77		-27.36%	
October	125	143	113	140	72		-48.57%	
November	128	107	131	103	32		-68.93%	
December	99	106	103	88	28		-68.18%	
<b>Year Average</b>	<b>140</b>	<b>132</b>	<b>132</b>	<b>117</b>	<b>54</b>	<b>27*</b>		

\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	NOV 15	OCT 15	SEP 15	NOV 14
<b>GOM CENTRAL FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>F</sup> (MMB)	42	46 <sup>2</sup>	47 <sup>2</sup>	38
Natural Gas & Casinghead <sup>F</sup> (BCF)	91	101 <sup>2</sup>	106 <sup>2</sup>	91 <sup>2</sup>
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	279	291 <sup>2</sup>	284	276 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,227	2,303	2,263	2,189 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	221	221	217	219 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	218	226	209	227 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	194	193	199	351
U.S. Oil <sup>A</sup>	566	597	651	1,573
U.S. Offshore <sup>A</sup>	31	33 <sup>2</sup>	32	53
U.S. Total <sup>A</sup>	760	791	848	1,925
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	33.98	39.33	39.81	71.14
U.S. Imports Average <sup>C</sup> (F.O.B.)	33.59	37.21	36.90	67.48
U.S. Wellhead Average <sup>C</sup>	38.10	42.33 <sup>2</sup>	41.60	71.07
Gulf OCS Wellhead Average <sup>C</sup>	39.94	43.54	42.66	80.98
State Severance Wellhead Average <sup>E</sup>	51.62	37.61	48.92	88.62 <sup>2</sup>
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	3.68	4.00	4.54	4.91 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.40	3.23	2.75	3.97
U.S. Spot Market Average <sup>D</sup>	2.14	2.41	2.62	4.08
State Royalty Wellhead Average	1.96	2.30 <sup>2</sup>	2.55 <sup>2</sup>	3.94 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.03	2.56	2.64	3.73

### Key

<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet
<b>2</b>	Revised	<b>MMB</b>	Million Barrels
<b>BCF</b>	Billion Cubic Feet	<b>NA</b>	Not Available
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf
<b>FO.B.</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units

### Data Sources

<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>C</b>	U. S. Dept. of Energy	<b>F</b>	BOEM

**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 **Newsletters**. 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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## 2015 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	16,937	8,978,950	14.31%
Between 10 - 15	635	2,994,427	4.77%
Between 15 - 20	515	3,283,465	5.23%
Between 20 - 30	662	6,113,884	9.74%
Between 30 - 40	345	4,333,731	6.91%
Between 40 - 50	234	3,752,671	5.98%
Between 50 - 75	369	8,153,946	12.99%
Between 75 - 100	162	5,030,997	8.02%
Between 100 - 150	125	5,411,884	8.62%
Between 150 - 200	57	3,544,595	5.65%
Between 200 - 300	55	4,753,907	7.58%
Between 300 - 500	35	4,665,255	7.43%
Between 500 - 1,000	6	1,439,939	2.29%
Between 1,000 - 2,000	1	293,316	0.47%
Between 2,000 - 5,000	0	0	0.00%
Over 5000	0	0	0.00%

## 2015 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	11,242	43,921,573	2.52%
Between 50 - 60	655	12,945,615	0.74%
Between 60 - 70	555	13,026,371	0.75%
Between 70 - 80	569	15,382,180	0.88%
Between 80 - 90	576	17,633,414	1.01%
Between 90 - 100	494	16,914,944	0.97%
Between 100 - 250	2,214	132,563,655	7.59%
Between 250 - 400	765	88,370,676	5.06%
Between 400 - 800	1,312	265,278,142	15.19%
Between 800 - 1,600	630	244,909,022	14.03%
Between 1,600 - 3,200	265	211,025,707	12.09%
Between 3,200 - 6,400	208	335,166,485	19.20%
Between 6,400 - 12,800	64	192,011,125	11.00%
Between 12,800 - 25,600	20	127,856,416	7.32%
Over 25,600	3	28,906,233	1.66%



## LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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## Quick Facts

## MAY 2016

Louisiana DNR Technology Assessment Division

### SPOT MARKET PRICES

	<b>Apr 16</b>	<b>Mar 16</b>	<b>Apr 15</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	1.82	1.64	2.53
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	1.90	1.71	2.59
Light Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	42.73	40.10	60.67

### BAKER HUGHES RIG COUNTS

	<b>Mar 16</b>	<b>Feb 16</b>	<b>Mar 15</b>
North Louisiana <sup>A</sup>	17	18	27
South Louisiana Inland Waters <sup>A</sup>	3	1	6
South Louisiana Inland <sup>A</sup>	5	5	12
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	24	23	40 <sup>2</sup>
Total Louisiana <sup>A</sup> (OCS included)	49	47	85

### PRODUCTION (State Jurisdiction Only)

	<b>Mar 16</b>	<b>Feb 16</b>	<b>Mar 15</b>
Louisiana Crude Oil & Condensate (MMB)	5.0	5.0 <sup>2</sup>	5.5 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	143.4	138.2 <sup>2</sup>	151.4 <sup>2</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	<b>Mar 16</b>	<b>Feb 16</b>	<b>Mar 15</b>
Total Louisiana Oil and Gas	19	33	50
Louisiana Wildcats	1	0	1
Louisiana Offshore (Wildcats included)	0	0	0