

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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

## INSIDE

**Highlights**  
page 1

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

**Current Oil & Gas Data**  
page 2

**2016 Louisiana State  
Producing Oil Wells, By  
Production Rate**  
page 3

**2016 Louisiana State  
Producing Gas Wells, By  
Production Rate**  
page 3

**Quick Facts**  
page 4

**Featured Articles  
and Inserts**  
[Highlights of the 21st Edition of  
the Louisiana Crude Oil Refinery  
Survey Report](#)



Department of Natural  
Resources

**Thomas Harris, Secretary**

Technology Assessment  
Division

**Paul Miller, 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)

## Highlights

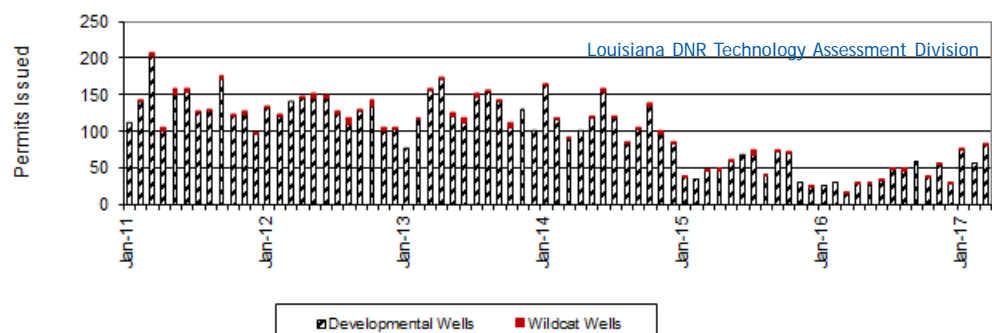
**MAY 2017**

In the first quarter of 2017, the State of Louisiana issued 220 permits for drilling oil and gas. It was 175% higher than the number of permits issued last year. The 2017 first quarter drilling permits issued hopefully reflect the beginning of a recovery of oil and gas exploration and production, as oil and gas prices recover from falling oil prices over the past three years and falling natural gas prices over the past two years. The 2017 first quarter average LLS crude oil price was \$53.44 per barrel, or 52.1% higher than the first quarter in 2016. The 2017 first quarter average spot natural gas price was \$2.97 per MMBTU, or 52.9% higher than the 2016 first quarter. The 2017 first quarter average listed 35 active rigs drilling on state lands and over state waters, according to Baker Hughes reports, which represents a 29.5% increase over the 2016 first quarter.

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

Month	Permits Issued						% Change	
	2012	2013	2014	2015	2016	2017	15/16	16/17
January	134	79	165	40	28	77	-30.00%	175.00%
February	123	121	120	37	33	59	-10.81%	78.79%
March	141	158	94	50	19	84	-62.00%	342.11%
April	147	174	102	53	32		-39.62%	
May	152	127	122	64	31		-51.56%	
June	150	120	159	69	35		-49.28%	
July	129	153	122	77	52		-32.47%	
August	119	157	87	44	53		20.45%	
September	130	142	106	77	60		-22.08%	
October	143	113	140	72	42		-41.67%	
November	107	131	103	32	58		81.25%	
December	106	103	88	28	32		14.29%	
<b>Year Average</b>	<b>132</b>	<b>132</b>	<b>117</b>	<b>54</b>	<b>40</b>	<b>73</b> *		

\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

<b>PRODUCTION</b>	<b>NOV 16</b>	<b>OCT 16</b>	<b>SEP 16</b>	<b>NOV 15</b>
<b>GOM CENTRAL FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>F</sup> (MMB)	45	45	40	43
Natural Gas & Casinghead <sup>F</sup> (BCF)	88	93	85	92
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	266	272	257	279 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,155	2,191	2,155	2,223
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	242	236	242	221
U.S. Natural Gas <sup>C</sup> (BCF)	231	230	237	218
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	117	105	91	194
U.S. Oil <sup>A</sup>	462	436	416	566
U.S. Offshore <sup>A</sup>	22	23	18	31
U.S. Total <sup>A</sup>	580	543	509	760
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	41.99	44.66	40.01	33.98
U.S. Imports Average <sup>C</sup> (F.O.B.)	39.93	42.36	38.28	33.56 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	41.65	45.00	40.54	38.19
Gulf OCS Wellhead Average <sup>C</sup>	43.22	43.98	40.94	39.94
State Severance Wellhead Average <sup>E</sup>	N/A	N/A	N/A	51.62
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	3.89	4.19	4.59	3.68
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.70	2.59	2.47	2.40
U.S. Spot Market Average <sup>D</sup>	2.30	2.71	2.74	2.14
State Royalty Wellhead Average	2.60	2.94	2.84	1.95 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.76	2.95	2.85	2.03

### 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>N/A</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.

To request notification of when the **Louisiana Energy Facts** is available online, contact us at [techasmt@la.gov](mailto:techasmt@la.gov) with your name, title, company name, email address, and phone number. Please specify that you would like to be added to our email notification database for an electronic subscription.

## 2016 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	14,180	7,962,493	14.13%
Between 10 - 15	629	2,844,926	5.05%
Between 15 - 20	463	2,929,158	5.20%
Between 20 - 30	557	5,005,491	8.88%
Between 30 - 40	351	4,371,716	7.76%
Between 40 - 50	195	3,145,421	5.58%
Between 50 - 75	348	8,011,869	14.21%
Between 75 - 100	174	5,343,527	9.48%
Between 100 - 150	105	4,592,309	8.15%
Between 150 - 200	58	3,621,505	6.42%
Between 200 - 300	39	3,290,506	5.84%
Between 300 - 500	24	3,404,032	6.04%
Between 500 - 1,000	6	1,497,375	2.66%
Between 1,000 - 2,000	1	351,129	0.62%
Between 2,000 - 5,000	0	0	0.00%
Over 5000	0	0	0.00%

## 2016 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	11,959	41,959,029	2.45%
Between 50 - 60	686	13,544,808	0.79%
Between 60 - 70	609	14,290,019	0.84%
Between 70 - 80	527	14,212,141	0.83%
Between 80 - 90	492	15,028,038	0.88%
Between 90 - 100	454	15,491,104	0.91%
Between 100 - 250	2,213	125,222,027	7.33%
Between 250 - 400	1,014	117,800,264	6.89%
Between 400 - 800	1,081	215,859,651	12.63%
Between 800 - 1,600	464	185,858,774	10.87%
Between 1,600 - 3,200	340	283,638,880	16.60%
Between 3,200 - 6,400	162	254,988,109	14.92%
Between 6,400 - 12,800	75	235,979,072	13.81%
Between 12,800 - 25,600	20	130,348,625	7.63%
Over 25,600	3	44,935,763	2.63%



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

P. O. Box 94396

Baton Rouge, LA 70804-9396

**INSIDE**

**Highlights**  
page 1

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

**Current Oil & Gas Data**  
page 2

**2016 Louisiana State Producing Oil Wells, By Production Rate**  
page 3

**2016 Louisiana State Producing Gas Wells, By Production Rate**  
page 3

**Quick Facts**  
page 4

**Featured Articles and Inserts**  
[Highlights of the 21st Edition of the Louisiana Crude Oil Refinery Survey Report](#)

**Quick Facts**

**MAY 2017**

Louisiana DNR Technology Assessment Division

**SPOT MARKET PRICES**

	<b>Apr 17</b>	<b>Mar 17</b>	<b>Apr 16</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	3.01	2.69 <sup>2</sup>	1.81
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.18	2.63	1.90
Light Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	53.13	51.13 <sup>2</sup>	42.73

**BAKER HUGHES RIG COUNTS**

	<b>Mar 17</b>	<b>Feb 17</b>	<b>Mar 16</b>
North Louisiana <sup>A</sup>	30	28	17
South Louisiana Inland Waters <sup>A</sup>	4	3	3
South Louisiana Inland <sup>A</sup>	2	4	5
Louisiana State Offshore	1	1	0
Louisiana Federal OCS Offshore	17	16	24
Total Louisiana <sup>A</sup> (OCS included)	54	52	49

**PRODUCTION (State Jurisdiction Only)**

	<b>Mar 17</b>	<b>Feb 17</b>	<b>Mar 16</b>
Louisiana Crude Oil & Condensate (MMB)	4.5	4.4	5.0 <sup>1</sup>
Louisiana Natural Gas & Casinghead (BCF)	135.0	130.8	146.8 <sup>2</sup>

**DRILLING PERMITS (State Jurisdiction Only)**

	<b>Mar 17</b>	<b>Feb 17</b>	<b>Mar 16</b>
Total Louisiana Oil and Gas	84	59	19
Louisiana Wildcats	1	0	1
Louisiana Offshore (Wildcats included)	1	0	0