

# 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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Resources  
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## Highlights

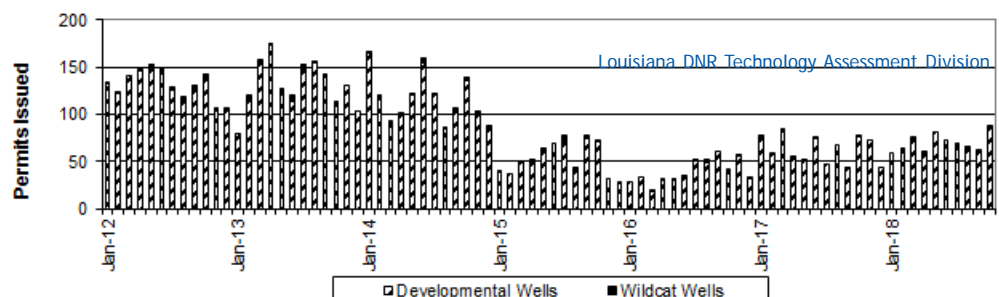
## DECEMBER 2018

The average number of active drilling rigs in the U. S. is increasing, according to Baker Hughes Inc. data. In November 2018, the average active drilling rig count in the U. S. was 1077, an 18% increase from November 2017; while in Louisiana State lands and water, the average active drilling rigs count was 45, a 5% increase from November 2017. The increase occurred due to oil prices sharply rising to above \$70 per barrel and gas prices mostly increasing to over \$4 per MMBTU over the last few months. The November average spot price for Louisiana Light Sweet crude oil was \$66.01 per barrel, a 6% increase from November 2017, when it was \$62.38. The November average gas spot price was \$4.03 per MMBTU in Louisiana, 35% higher than in November 2017 when it was \$2.99 per MMBTU. Hopefully, the number of rigs employed in Louisiana continues to rise as the price of natural gas continues to increase.

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

Month	Permits Issued						% Change	
	2013	2014	2015	2016	2017	2018	16/17	17/18
January	79	165	40	28	77	59		-23.38%
February	121	120	37	33	59	64		8.47%
March	158	94	50	19	84	76		-9.52%
April	174	102	53	32	55	60		9.09%
May	127	122	64	31	52	81		55.77%
June	120	159	69	35	75	72		-4.00%
July	153	122	77	52	47	70		48.94%
August	157	87	44	53	68	66		-2.94%
September	142	106	77	60	44	63		43.18%
October	113	140	72	42	77	88		14.29%
November	131	103	32	58	72		24.14%	
December	103	88	28	32	43		34.38%	
<b>Year Average</b>	<b>132</b>	<b>117</b>	<b>54</b>	<b>40</b>	<b>63</b>	<b>70</b> *		

\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JUN 18	MAY 18	APR 18	JUN 17
<b>GOM CENTRAL FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>F</sup> (MMB)	42	44 <sup>2</sup>	45 <sup>2</sup>	46
Natural Gas & Casinghead <sup>F</sup> (BCF)	67	69 <sup>2</sup>	68	80
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	320	324 <sup>2</sup>	314 <sup>2</sup>	272
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,454	2,521 <sup>2</sup>	2,414 <sup>2</sup>	2,214 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	254	243 <sup>2</sup>	247	242 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	230	229 <sup>2</sup>	244	240
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	193	198	193	184
U.S. Oil <sup>A</sup>	863	850 <sup>2</sup>	818	747
U.S. Offshore <sup>A</sup>	19	20	16	22
U.S. Total <sup>A</sup>	1,075	1,068 <sup>2</sup>	1,027	953
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	70.65	71.50 <sup>2</sup>	66.99 <sup>2</sup>	43.69 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	65.48	65.15 <sup>2</sup>	60.61 <sup>2</sup>	43.82
U.S. Wellhead Average <sup>C</sup>	42.19	45.19 <sup>2</sup>	47.23 <sup>2</sup>	42.19
Gulf OCS Wellhead Average <sup>C</sup>	68.51	67.34	62.81	44.33 <sup>2</sup>
State Severance Wellhead Average <sup>E</sup>	69.31	63.22	64.06	46.65 <sup>2</sup>
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	4.46	4.13	3.64	4.78 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	1.86	1.73	2.20	2.62
U.S. Spot Market Average <sup>D</sup>	2.56	2.60	2.60	2.84 <sup>2</sup>
State Royalty Wellhead Average	2.92	2.76	2.67	2.96 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.94	2.82	2.69	3.24

### 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.

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.

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**DECEMBER 2018**

Louisiana DNR Technology Assessment Division

**SPOT MARKET PRICES**

	<b>Nov 18</b>	<b>Oct 18</b>	<b>Nov 17</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	3.74	2.83	2.83
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	4.10	3.25 <sup>2</sup>	2.99
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	64.76	78.87	62.38

**BAKER HUGHES RIG COUNTS**

	<b>Oct 18</b>	<b>Sep 18</b>	<b>Oct 17</b>
North Louisiana <sup>A</sup>	34	32	42
South Louisiana Inland Waters <sup>A</sup>	3	5 <sup>2</sup>	1
South Louisiana Inland <sup>A</sup>	7	7	2
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	19	17	19
Total Louisiana <sup>A</sup> (OCS included)	63	61 <sup>2</sup>	64

**PRODUCTION (State Jurisdiction Only)**

	<b>Oct 18</b>	<b>Sep 18</b>	<b>Oct 17</b>
Louisiana Crude Oil & Condensate (MMB)	5.0 <sup>1</sup>	4.8 <sup>1</sup>	4.1 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	234.7 <sup>1</sup>	231.6 <sup>1</sup>	207.1 <sup>2</sup>

**DRILLING PERMITS (State Jurisdiction Only)**

	<b>Oct 18</b>	<b>Sep 18</b>	<b>Oct 17</b>
Total Louisiana Oil and Gas	88	63	77
Louisiana Wildcats	0	0	1
Louisiana Offshore (Wildcats included)	0	1	0