

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

www.dnr.louisiana.gov/tad

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Highlights

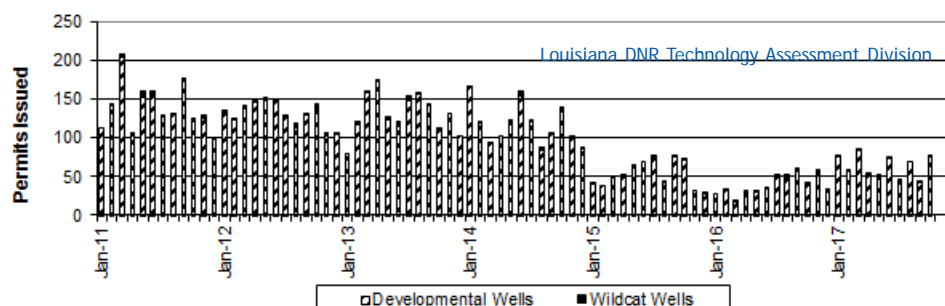
The average number of active drilling rigs in the U.S. is increasing, according to Baker Hughes Inc. data. In November 2017, the average active drilling rig count in the U.S. was 910, a 61% increase from November 2016; while in Louisiana State lands and water, the average active drilling rigs count was 43, a 40% increase from November 2016. The increase occurred due to oil prices slowly rising to above \$50 per barrel and gas prices mostly remaining around \$3 per MMBTU over the last year. The November average spot price for Louisiana Light Sweet crude oil was \$62.61 per barrel, a 33% increase from November 2016 when it was \$46.74. The November average gas spot price was \$2.83 per MMBTU in Louisiana, 12% higher than in November 2016 when it was \$2.42 per MMBTU. Hopefully, the number of active drilling rigs will continue to rise as oil prices continue over \$50 per barrel and gas prices maintain \$3 per MMBTU.

DECEMBER 2017

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		175.00%
February	123	121	120	37	33	59		78.79%
March	141	158	94	50	19	84		342.11%
April	147	174	102	53	32	55		71.88%
May	152	127	122	64	31	52		67.74%
June	150	120	159	69	35	75		114.29%
July	129	153	122	77	52	47		-9.62%
August	119	157	87	44	53	68		28.30%
September	130	142	106	77	60	44		-26.67%
October	143	113	140	72	42	77		83.33%
November	107	131	103	32	58		81.25%	
December	106	103	88	28	32		14.29%	
Year Average	132	132	117	54	40	64 *		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JUN 17	MAY 17	APR 17	JUN 16
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	43	46	48	44 ²
Natural Gas & Casinghead ^F (BCF)	78	86	87	85 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	273	284	274	261
Natural Gas & Casinghead ^C (BCF)	2,181	2,230	2,155	2,175 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	240	260	244	227 ²
U.S. Natural Gas ^C (BCF)	240	244 ²	238	242
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	184	178	166	86
U.S. Oil ^A	747	714	685	330
U.S. Offshore ^A	22	22	20	21
U.S. Total ^A	931	893	853	417
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	43.69	45.58	47.09	43.73
U.S. Imports Average ^C (F.O.B.)	41.37	43.58	43.58	41.98
U.S. Wellhead Average ^C	42.19	45.19	47.23	43.96
Gulf OCS Wellhead Average ^C	44.33	47.09	46.63 ²	43.64
State Severance Wellhead Average ^E	46.65	66.46	50.97 ²	38.27
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.78	4.39	4.18 ²	3.98
U.S. Imports Average ^C (F.O.B.)	2.62	2.70	2.64	1.80 ²
U.S. Spot Market Average ^D	2.84	3.01	3.01	2.25
State Royalty Wellhead Average	2.96	3.09	3.21 ²	2.28 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.24	3.14	3.18	1.96

Key

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

Data Sources

A	Oil & Gas Journal	D	Natural Gas Week
B	Wall Street Journal	E	LA Dept of Revenue
C	U. S. Dept. of Energy	F	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 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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Energy Efficiency & Renewable Energy
 Transforming the Nation's Electric System
 2017 State Oil and Gas: Production and Price Projections
 Highlights of the 21st Edition of the Louisiana Crude Oil Refinery Survey Report
 E-15 Fuel in Louisiana
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 Louisiana, An Energy Consuming State: An Update Using 2015 Data
 Marginal Wells are not Insignificant
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LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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Quick Facts

DECEMBER 2017

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Nov 17	Oct 17	Nov 16
Louisiana Natural Gas ^D (\$/MMBTU)	2.83	2.81 ²	2.42
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.75	2.97	2.76
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	62.61	57.74	46.74 ²

BAKER HUGHES RIG COUNTS

	Oct 17	Sep 17	Oct 16
North Louisiana ^A	42	42	17
South Louisiana Inland Waters ^A	1	4	2
South Louisiana Inland ^A	2	3	6
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	19	17	21
Total Louisiana ^A (OCS included)	64	66	46

PRODUCTION (State Jurisdiction Only)

	Oct 17	Sep 17	Oct 16
Louisiana Crude Oil & Condensate (MMB)	4.3 ¹	4.3 ¹	4.8 ²
Louisiana Natural Gas & Casinghead (BCF)	161.7 ¹	160.0 ¹	144.6 ²

DRILLING PERMITS (State Jurisdiction Only)

	Oct 17	Sep 17	Oct 16
Total Louisiana Oil and Gas	77	44	42 ²
Louisiana Wildcats	1	2	2 ²
Louisiana Offshore (Wildcats included)	0	0	0