

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

www.dnr.louisiana.gov/tad

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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
www.dnr.louisiana.gov/tad

Highlights

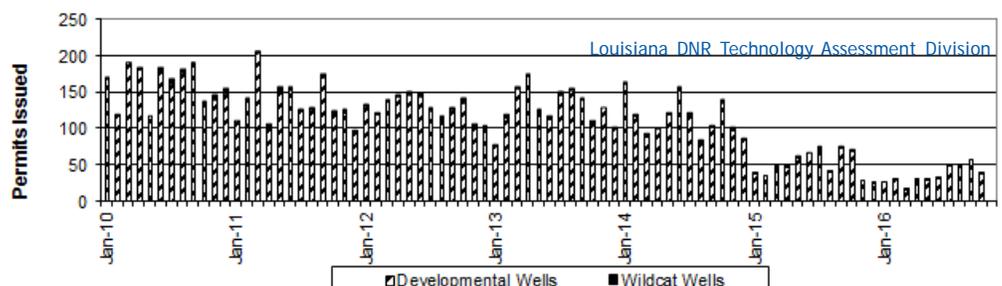
The average number of active drilling rigs in the U.S. is rising, according to Baker Hughes Inc. data. In November 2016, the average active drilling rig count in the U.S. was 580, a 42% increase from its recent low in May 2016; while in Louisiana State lands and water, the average active drilling rigs count was 31, a 38% increase from May 2016. The increase occurred despite oil prices remaining below \$50 per barrel and gas prices mostly remaining below \$3 per MMBTU. The November average spot price for Louisiana Light Sweet crude oil was \$46.06 per barrel, a 42% increase from its low in February 2016. The November average gas spot price was \$2.50 per MMBTU in Louisiana, 53% higher than its low in March 2016. Hopefully, the number of active drilling rigs will continue to rise as oil prices settle around \$50 per barrel and gas prices settle closer to \$3 per MMBTU.

DECEMBER 2016

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		-30.00%
February	143	123	121	120	37	33		-10.81%
March	208	141	158	94	50	19		-62.00%
April	107	147	174	102	53	32		-39.62%
May	159	152	127	122	64	31		-51.56%
June	159	150	120	159	69	35		-49.28%
July	128	129	153	122	77	52		-32.47%
August	131	119	157	87	44	53		20.45%
September	176	130	142	106	77	60		-22.08%
October	125	143	113	140	72	42		-41.67%
November	128	107	131	103	32		-68.93%	
December	99	106	103	88	28		-68.18%	
Year Average	140	132	132	117	54	39 *		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JUN 16	MAY 16	APR 16	JUN 15
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	37	45	43	39
Natural Gas & Casinghead ^F (BCF)	81	96	89 ²	95 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	261	275	268	280 ²
Natural Gas & Casinghead ^C (BCF)	2,154	2,250	2,188	2,229 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	228	246	229	219
U.S. Natural Gas ^C (BCF)	242	248 ²	241	206
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	86	86	88	224
U.S. Oil ^A	330	320	348	634
U.S. Offshore ^A	21	24	26	28
U.S. Total ^A	417	407	437	861
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	43.73	40.51	34.08	54.06 ²
U.S. Imports Average ^C (F.O.B.)	41.98	38.32	32.76	53.83 ²
U.S. Wellhead Average ^C	43.96	41.02	35.59	55.88
Gulf OCS Wellhead Average ^C	43.64	38.48	34.99	61.02
State Severance Wellhead Average ^E	38.27	32.32	30.85	59.26
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.98	3.43	3.20	4.44 ²
U.S. Imports Average ^C (F.O.B.)	1.80	1.48	1.54	2.56
U.S. Spot Market Average ^D	2.25	1.84	1.81	2.67
State Royalty Wellhead Average	2.28	1.81	1.83	2.70
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	1.96	2.00	1.90	2.82

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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March & October

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March & October

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April

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LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

P. O. Box 94396

Baton Rouge, LA 70804-9396

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Quick Facts

DECEMBER 2016

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Nov 16	Oct 16	Nov 15
Louisiana Natural Gas ^D (\$/MMBTU)	2.42	2.84 ²	2.01
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	3.15	2.95	2.03
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	46.06	51.36 ²	44.36

BAKER HUGHES RIG COUNTS

	Oct 16	Sep 16	Oct 15
North Louisiana ^A	17	15	28
South Louisiana Inland Waters ^A	2	4	2
South Louisiana Inland ^A	6	4	7
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	21	17	32
Total Louisiana ^A (OCS included)	46	40	69

PRODUCTION (State Jurisdiction Only)

	Oct 16	Sep 16	Oct 15
Louisiana Crude Oil & Condensate (MMB)	4.7 ¹	4.7 ¹	5.2 ²
Louisiana Natural Gas & Casinghead (BCF)	139.3 ¹	140.7 ¹	146.5 ²

DRILLING PERMITS (State Jurisdiction Only)

	Oct 16	Sep 16	Oct 15
Total Louisiana Oil and Gas	42	60	72
Louisiana Wildcats	2	0	1
Louisiana Offshore (Wildcats included)	0	0	0