

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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

**Louisiana Energy Facts
Index of
Previous Issues**
page 3

Quick Facts
page 4

Featured Articles
[2016 Service
Questionnaire](#)



Department of Natural Resources
Stephen Chustz, Secretary

Technology Assessment Division
Thomas Harris, 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

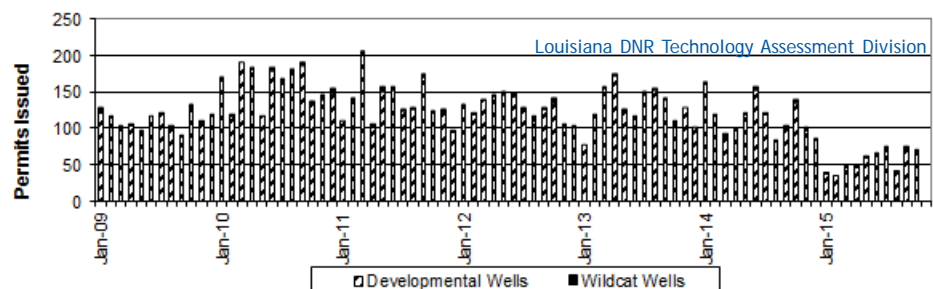
LNG terminals in the U.S. are changing their plans to accommodate the export of LNG. The United States has thirteen existing LNG terminals designed to import LNG, three of them are in Louisiana: Trunkline LNG, Lake Charles; Sabine Pass LNG, Sabine; and Cameron LNG, Hackberry. Louisiana has the highest liquefied natural gas (LNG) import/export capacity in the U.S., with a combined capacity of 7.9 Billion cubic feet per day (Bcfd). Louisiana's facilities are not importing at this time and, in fact, have changed their thinking to export LNG. Two Louisiana facilities have received all the necessary permits and licenses from FERC (Federal Energy Regulatory Commission) for construction of their export facilities. The Cheniere, Sabine Pass facility is expected to process 2.76 Bcfd and is fully licensed for export in the initial phase. It is the first complex designed to liquefy and export natural gas from the continental U.S., and it is expected to begin LNG export in the first quarter of 2016. Cheniere also has approval for additional 1.40 Bcfd capacity expansions in the near future. In addition, the Sempra, Cameron LNG facility in Hackberry is under construction on its 1.7 Bcfd processing capability. Both facilities are fully licensed to export to free trade agreement (FTA) countries. Nine other LNG projects in Louisiana have been proposed or are in the early stages of the permitting/trade approval process – a mix of smaller-scale new facilities and proposed expansions of facilities that have already been approved.

DECEMBER 2015

Oil and Gas Drilling Permits Issued by the State of Louisiana

Month	Permits Issued						% Change	
	2010	2011	2012	2013	2014	2015	13/14	14/15
January	172	113	134	79	165	40		-75.76%
February	120	143	123	121	120	37		-69.17%
March	192	208	141	158	94	50		-46.81%
April	183	107	147	174	102	53		-48.04%
May	118	159	152	127	122	64		-47.54%
June	186	159	150	120	159	69		-56.60%
July	169	128	129	153	122	77		-36.89%
August	182	131	119	157	87	44		-49.43%
September	191	176	130	142	106	77		-27.36%
October	139	125	143	113	140	72		-48.57%
November	148	128	107	131	103		-21.37%	
December	156	99	106	103	88		-14.56%	
Year Average	163	140	132	132	117	58*		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JUN 15	MAY 15	APR 15	JUN 14
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	36	39	42	39
Natural Gas & Casinghead ^F (BCF)	82	89	91	95
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	278	291	288	260 ²
Natural Gas & Casinghead ^C (BCF)	2,242	2,290	2,240	2,104 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	219	225 ²	216	212
U.S. Natural Gas ^C (BCF)	206	204	205	202
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	224	223	222	314
U.S. Oil ^A	634	662	750	1,545
U.S. Offshore ^A	28	32	33	58
U.S. Total ^A	861	889	976	1,861
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	53.96	54.12	50.12	100.67
U.S. Imports Average ^C (F.O.B.)	53.59	53.45	48.31	97.57
U.S. Wellhead Average ^C	55.88	54.38	49.30	98.68 ²
Gulf OCS Wellhead Average ^C	61.02	57.33	53.23	100.91
State Severance Wellhead Average ^E	59.26	55.69	45.79	104.07
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.40	4.20	3.91	6.05 ²
U.S. Imports Average ^C (F.O.B.)	2.56	2.52	2.59	5.32 ²
U.S. Spot Market Average ^D	2.67	2.69	2.54	4.53
State Royalty Wellhead Average	2.71	2.71	2.52	4.61
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.82	2.52	2.59	4.62

Key		Data Sources	
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
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 a subscription or update your mailing address, contact us with your information. Please specify print or electronic subscription. **We value your feedback.** Please send your comments and suggestions for improving and enhancing the newsletter to: techasmt@la.gov.

Louisiana Energy Facts Index of Previous Issues

LIST OF TABLES

Page 1

Louisiana Monthly Crude Oil and Condensate Production, Excluding Federal OCS
 Louisiana Natural Gas and Casinghead Production, Excluding Federal OCS
 Louisiana Natural Gas Average Spot Prices
 Light Louisiana Sweet Crude Oil Average Spot Price at St. James
 Oil & Gas Drilling Permits Issued by the State of Louisiana
 Louisiana Average Active Rigs in Areas Under State Jurisdiction

Page 2

Current Oil and Gas Data

Page 3

Louisiana Crude Oil and Condensate Production, Excluding Federal OCS
 Louisiana Natural Gas and Casinghead Gas Production, Excluding Federal OCS
 Louisiana and the United States Active Rig Counts
 Natural Gas Average Prices (U.S. and Louisiana)
 Average Crude Oil Prices (U.S. and Louisiana)
 2014 Louisiana State Producing Oil Wells, by Production Rate, OCS Wells Excluded
 2014 Louisiana State Producing Gas Wells, by Production Rate, OCS Wells Excluded
 Louisiana Non-Agricultural Employment
 Louisiana Estimated Crude Oil Proved Reserves, Excluding Lease Condensate
 Louisiana Estimated Lease Condensate Proved Reserves
 Louisiana Estimated Dry Natural Gas Proved Reserves
 Louisiana Estimated Natural Gas Liquids Proved Reserves, Excluding Lease Condensate
 Louisiana Estimated Crude Oil Imports and Exports
 Louisiana Estimated Natural Gas Imports and Exports

MONTH PUBLISHED

January & July
 February & August
 March & October
 April & September
 May & December
 June & November

January - December

January
 January
 February
 March
 April
 May
 May
 June
 September
 September
 October
 October
 November
 November

LIST OF FIGURES

Page 1

Louisiana Crude Oil & Condensate Production, Excluding Federal OCS
 Louisiana Natural Gas and Casinghead Production, Excluding Federal OCS
 Louisiana Natural Gas Average Spot Prices
 Light Louisiana Sweet Crude Oil Average Spot Price at St. James
 Oil & Gas Drilling Permits Issued by the State of Louisiana
 Louisiana Average Active Rigs in Areas Under State Jurisdiction

Page 3

Natural Gas Average Prices
 Average Crude Oil Prices
 Louisiana Natural Gas Production from Incapable Oil and Gas Wells
 Louisiana Crude Oil Production from Stripper Wells
 Louisiana Mineral Severance Tax Revenue by Source, Excluding Federal OCS
 Louisiana Mineral Royalty Revenue by Source, Excluding Federal OCS

January & July
 February & August
 March & October
 April & September
 May & December
 June & November

March
 April
 July
 July
 August
 August

2015 LOUISIANA ENERGY TOPICS

Phase 1 of LPSC Statewide Energy Efficiency Program
 Highlights of the 19th Edition of the Louisiana Crude Oil Refinery Survey Report
 Net Zero Energy Buildings
 2015 State Oil and Gas: Production and Price Projections
 Gulf of Mexico Energy Security Act (GOMESA) Update
 PACE – Financing Model for Energy Efficiency Projects
 Reasons for Oil Price Decline
 Selected Louisiana Energy Statistics
 Louisiana, An Energy Consuming State: An Update Using 2013 Data
 Quadrennial Energy Review: Energy Transmission, Storage, and Distribution Infrastructure (Published April 2015)
 2015 Louisiana Legislative Session Highlights
 2016 Service Questionnaire

January
 February
 February
 March
 April
 May
 June
 July
 August
 September
 October
 December

This issue of **Louisiana Energy Facts** is funded 100% (\$615) with Petroleum Violation Escrow funds as part of the State Energy Program as approved by the U.S. Department of Energy and Department of Natural Resources. This public document was published at a total cost of \$615. 930 copies of this public document were published in this first printing at a total cost of \$615. The total cost of all printing of this document, including reprints, is \$615. This document was published by the Department of Natural Resources, P.O. Box 94396, Baton Rouge, LA 70804-9396 to promulgate the State Energy Program developed under authority of P.L. 94-163. This material was printed in accordance with the standards for printing by State agencies established pursuant to R.S. 43.31.



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

**Louisiana Energy
Facts Index of
Previous Issues**
page 3

Quick Facts
page 4

Featured Articles
[2016 Service
Questionnaire](#)

Quick Facts

DECEMBER 2015

Louisiana DNR Technology Assessment Division

	Nov 15	Oct 15	Nov 14
SPOT MARKET PRICES			
Louisiana Natural Gas ^D (\$/MMBTU)	2.01	2.35	3.88
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.03	2.56	3.73
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	44.36	47.38	79.64
BAKER HUGHES RIG COUNTS			
	Oct 15	Sep 15	Oct 14
North Louisiana ^A	28	30	32
South Louisiana Inland Waters ^A	2	4	13
South Louisiana Inland ^A	7	9	16
Louisiana State Offshore	0	0	1
Louisiana Federal OCS Offshore	32	30	49
Total Louisiana ^A (OCS included)	69	72	111
PRODUCTION (State Jurisdiction Only)			
	Oct 15	Sep 15	Oct 14
Louisiana Crude Oil & Condensate (MMB)	5.6 ¹	5.6 ¹	6.2 ²
Louisiana Natural Gas & Casinghead (BCF)	146.3 ¹	147.0 ¹	161.3 ²
DRILLING PERMITS (State Jurisdiction Only)			
	Oct 15	Sep 15	Oct 14
Total Louisiana Oil and Gas	72	77	140
Louisiana Wildcats	1	2	4
Louisiana Offshore (Wildcats included)	0	0	1