

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Highlights

MAY 2019

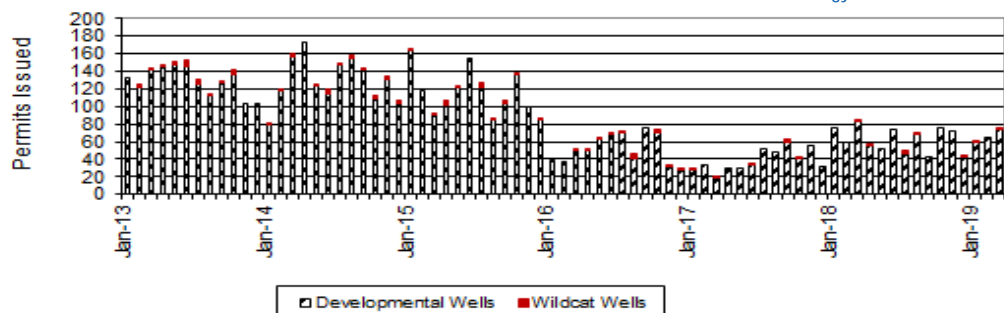
In the first quarter of 2019, Louisiana State issued 144 permits for drilling oil and gas. It was 27.6% lower than the number issued for the first quarter last year. The 2019 first quarter drilling permits issued reflects the slowdown in exploration and production in Louisiana, thought to be a response to the lower oil prices compared to 2014. The 2019 first quarter average LLS crude oil price was \$62.40 per barrel, or 5.0% lower than the 2018 first quarter. The 2019 first quarter average spot natural gas price was \$3.03 per MMBTU, or negligibly lower than the first quarter 2018 price of \$3.03. The 2018 first quarter average listed 45 active drilling on state lands and over state waters according to Baker Hughes reports. It represents a 2.3% increase over 2018 first quarter.

Oil and Gas Drilling Permits Issued by the State of Louisiana

Month	Permits Issued						% Change	
	2014	2015	2016	2017	2018	2019	17/18	18/19
January	165	40	28	77	59	44	-23.38%	-25.42%
February	120	37	33	59	64	58	8.47%	-9.38%
March	94	50	19	84	76	42	-9.52%	-44.74%
April	102	53	32	55	61		10.91%	
May	122	64	31	52	81		55.77%	
June	159	69	35	75	72		-4.00%	
July	122	77	52	47	70		48.94%	
August	87	44	53	68	66		-2.94%	
September	106	77	60	44	63		43.18%	
October	140	72	42	77	88		14.29%	
November	103	32	58	72	42		-41.67%	
December	88	28	32	43	49		13.95%	
Year Average	117	54	40	73	66	48*		

* Partial Year

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Current Oil & Gas Data

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PRODUCTION

	NOV 18	OCT 18	SEP 18	NOV 17
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	55	52	51	48
Natural Gas & Casinghead ^F (BCF)	82	79	80	71
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	357	358	344	303 ²
Natural Gas & Casinghead ^C (BCF)	2,854	2,908	2,790	2,534 ²

IMPORTS

U.S. Crude Oil ^C (MMB)	225	227	228	225 ²
U.S. Natural Gas ^C (BCF)	213	217	216	243

BAKER HUGHES RIG COUNTS

U.S. Gas ^A	193	192	186	173
U.S. Oil ^A	884	870	866	738
U.S. Offshore ^A	22	21	20	20
U.S. Total ^A	1,077	1,063	1,053	911

PRICES

CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	60.68	73.26	71.80	58.89
U.S. Imports Average ^C (F.O.B.)	44.62	60.19	61.56	52.11 ²
U.S. Wellhead Average ^C	55.65	65.18	63.55	55.19
Gulf OCS Wellhead Average ^C	67.76	71.93	69.46	55.09
State Severance Wellhead Average ^E	N/A	66.68	77.07	52.54
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.29	4.07	4.70	3.98
U.S. Imports Average ^C (F.O.B.)	4.10	2.59	2.09	2.53
U.S. Spot Market Average ^D	3.87	3.06	2.63	2.81
State Royalty Wellhead Average	3.59	3.06	2.94	2.89 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.19	3.02	2.90	2.75

Key

1	Estimated	MCF	Thousand Cubic Feet
2	Revised	MMB	Million Barrels
BCF	Billion Cubic Feet	N/A	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.

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2018 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	30,131	7,987,852	16.34%
Between 10 - 15	681	3,246,746	6.64%
Between 15 - 20	449	2,949,481	6.04%
Between 20 - 30	547	5,132,537	10.50%
Between 30 - 40	274	3,520,148	7.20%
Between 40 - 50	187	3,071,320	6.28%
Between 50 - 75	323	7,232,131	14.80%
Between 75 - 100	114	3,637,753	7.44%
Between 100 - 150	89	4,062,389	8.31%
Between 150 - 200	41	2,662,062	5.45%
Between 200 - 300	25	2,275,482	4.66%
Between 300 - 500	9	1,265,387	2.59%
Between 500 - 1,000	4	899,823	1.84%
Between 1,000 - 2,000	1	929,173	1.90%
Between 2,000 - 5,000	0	0	0.00%
Over 5000	0	0	0.00%

2018 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	13,767	47,259,402	1.73%
Between 50 - 60	718	14,449,749	0.53%
Between 60 - 70	567	13,444,591	0.49%
Between 70 - 80	528	14,556,680	0.53%
Between 80 - 90	389	12,260,198	0.45%
Between 90 - 100	347	12,113,111	0.44%
Between 100 - 250	2,282	135,699,208	4.97%
Between 250 - 400	888	102,518,714	3.75%
Between 400 - 800	997	204,165,602	7.47%
Between 800 - 1,600	758	323,613,373	11.84%
Between 1,600 - 3,200	584	501,560,173	18.35%
Between 3,200 - 6,400	424	741,784,535	27.14%
Between 6,400 - 12,800	145	432,682,431	15.83%
Between 12,800 - 25,600	15	100,728,308	3.69%
Over 25,600	6	75,937,428	2.78%



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

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SPOT MARKET PRICES

	19-Apr	19-Mar	18-Apr
Louisiana Natural Gas ^D (\$/MMBTU)	2.42	2.79	2.48
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.61	2.90	2.69
Light Louisiana Sweet Crude - St. James ^B (\$/Barrel)	70.45	65.79	69.46

BAKER HUGHES RIG COUNTS

	19-Mar	19-Feb	18-Mar
North Louisiana ^A	41	38	35
South Louisiana Inland Waters ^A	2	2	4
South Louisiana Inland ^A	3	5	7
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	19	19	12
Total Louisiana ^A (OCS included)	65	59	58

PRODUCTION (State Jurisdiction Only)

	19-Mar	19-Feb	18-Mar
Louisiana Crude Oil & Condensate (MMB)	4.1	3.8	4.3 ²
Louisiana Natural Gas & Casinghead (BCF)	216.9	212.5	234.2 ²

DRILLING PERMITS (State Jurisdiction Only)

	19-Mar	19-Feb	18-Mar
Total Louisiana Oil and Gas	42	58	76
Louisiana Wildcats	2	0	2
Louisiana Offshore (Wildcats included)	0	1	0