

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

www.dnr.louisiana.gov/tad

MAY 2020

INSIDE

Highlights
page 1

**Oil and Gas Drilling Permits
Issued by the State of
Louisiana**
page 1

Current Oil & Gas Data
page 2

**2019 Louisiana State
Producing Oil Wells,
by Production Rate**
page 3

**2019 Louisiana State
Producing Gas Wells,
by Production Rate**
page 3

Quick Facts
page 4



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Highlights

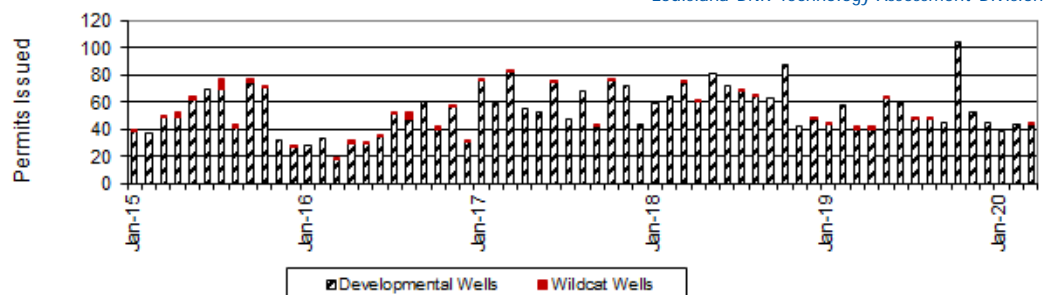
In the first quarter of 2020, Louisiana issued 126 permits for drilling oil and gas. It was 12.5% lower than the number issued for the first quarter last year. The 2020 first quarter drilling permits issued reflects the slowdown in exploration and production in Louisiana, thought to be a response to the lower oil prices compared to 2019. The 2020 first quarter average LLS crude oil price was \$48.30 per barrel, or 22.6% lower than the 2019 first quarter. The 2020 first quarter average spot natural gas price was \$1.60 per MMBTU, or 47.2% lower than the first quarter 2019 price of \$3.03. The 2020 first quarter average listed 31 active drilling on state lands and over state waters according to Baker Hughes reports. It represents a 31.1% decrease over 2019 first quarter.

Oil and Gas Drilling Permits Issued by the State of Louisiana

Month	Permits Issued						% Change	
	2015	2016	2017	2018	2019	2020	18/19	19/20
January	40	28	77	59	43	38	-27.12%	-11.63%
February	37	33	59	64	58	43	-9.38%	-25.86%
March	50	19	84	76	40	44	-47.37%	10.00%
April	53	32	55	61	40		-34.43%	
May	64	31	52	81	63		-22.22%	
June	69	35	75	72	60		-16.67%	
July	77	52	47	70	47		-32.86%	
August	44	53	68	66	47		-28.79%	
September	77	60	44	63	45		-28.57%	
October	72	42	77	88	104		18.18%	
November	32	58	72	42	52		23.81%	
December	28	32	43	49	45		-8.16%	
Year Average	54	40	73	66	48	42*		

* Partial Year

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Current Oil & Gas Data

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PRODUCTION	NOV 19	OCT 19	SEP 19	NOV 18
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	56	56	55	55
Natural Gas & Casinghead ^F (BCF)	78	82	79	82
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	386	393	374	357 ²
Natural Gas & Casinghead ^C (BCF)	3,103	3,193	3,047	2,854 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	174	194	194	225 ²
U.S. Natural Gas ^C (BCF)	221	204 ²	208	213
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	130	139	152	193
U.S. Oil ^A	680	709	726	884
U.S. Offshore ^A	22	23	26	22
U.S. Total ^A	810	848	878	1,077
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	60.79	58.30	59.66	60.68
U.S. Imports Average ^C (F.O.B.)	51.80	50.37	52.68	44.62 ²
U.S. Wellhead Average ^C	54.96	53.14	55.07	55.65
Gulf OCS Wellhead Average ^C	55.13	56.31	58.02	67.76
State Severance Wellhead Average ^E	62.62	58.70	62.17	57.26
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.44	3.40	4.13	4.29
U.S. Imports Average ^C (F.O.B.)	2.80	2.15	1.65	4.10
U.S. Spot Market Average ^D	2.52	1.90	2.15	3.87
State Royalty Wellhead Average	2.35	2.04	2.25	3.59 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.58	2.43	2.25	3.19

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.

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2018 LOUISIANA STATE PRODUCING OIL WELLS, BY PRODUCTION RATE

OCS Wells Excluded

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<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	22,258	7,265,116	16.11%
Between 10 - 15	603	2,793,174	6.19%
Between 15 - 20	360	2,381,569	5.28%
Between 20 - 30	444	4,083,371	9.06%
Between 30 - 40	259	3,410,995	7.57%
Between 40 - 50	184	3,018,815	6.70%
Between 50 - 75	334	7,451,501	16.53%
Between 75 - 100	71	2,324,958	5.16%
Between 100 - 150	95	4,431,200	9.83%
Between 150 - 200	36	2,247,923	4.99%
Between 200 - 300	28	2,612,310	5.79%
Between 300 - 500	10	1,319,440	2.93%
Between 500 - 1,000	3	871,460	1.93%
Between 1,000 - 2,000	2	876,058	1.94%
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	12,357	48,624,288	1.54%
Between 50 - 60	557	11,410,148	0.36%
Between 60 - 70	579	13,735,384	0.43%
Between 70 - 80	504	13,945,997	0.44%
Between 80 - 90	312	9,903,696	0.31%
Between 90 - 100	335	11,787,661	0.37%
Between 100 - 250	2,298	139,658,132	4.42%
Between 250 - 400	969	115,174,357	3.64%
Between 400 - 800	826	170,440,954	5.39%
Between 800 - 1,600	574	242,946,554	7.68%
Between 1,600 - 3,200	686	571,774,668	18.08%
Between 3,200 - 6,400	584	970,845,922	30.70%
Between 6,400 - 12,800	222	671,711,364	21.24%
Between 12,800 - 25,600	19	115,563,439	3.65%
Over 25,600	4	54,770,396	1.73%



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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INSIDE

Highlights
page 1

Oil and Gas Drilling Permits Issued by the State of Louisiana
page 1

Current Oil & Gas Data
page 2

2018 Louisiana State Producing Oil Wells, by Production Rate
page 3

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page 3

Quick Facts
page 4

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SPOT MARKET PRICES

	Apr 20	Mar 20	19-Apr
Louisiana Natural Gas ^D (\$/MMBTU)	1.63	1.64	2.42
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	1.70	1.75	2.61
Light Louisiana Sweet Crude - St. James ^B (\$/Barrel)	19.27	29.55	70.45

BAKER HUGHES RIG COUNTS

	Mar 20	Feb 20	19-Mar
North Louisiana ^A	27	28	41
South Louisiana Inland Waters ^A	1	0	2
South Louisiana Inland ^A	1	2	3
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	19	22	19
Total Louisiana ^A (OCS included)	48	51	65

PRODUCTION (State Jurisdiction Only)

	Mar 20	Feb 20	19-Mar
Louisiana Crude Oil & Condensate (MMB)	3.8	3.5	4.0 ²
Louisiana Natural Gas & Casinghead (BCF)	271.8	267.6	262.3 ²

DRILLING PERMITS (State Jurisdiction Only)

	Mar 20	Feb 20	19-Mar
Total Louisiana Oil and Gas	45	43	42
Louisiana Wildcats	1	0	2
Louisiana Offshore (Wildcats included)	0	0	0