

Louisiana Energy Facts

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Highlights

In the first quarter of 2021, Louisiana issued 108 permits for drilling oil and gas. It was 14.3% lower than the number issued for the first quarter last year. The 2021 first quarter drilling permits issued reflects the slowdown in exploration and production in Louisiana, due to the lingering

demand-side issue from the pandemic, but are increasing from the lows of 2020. The 2021 first quarter average LLS crude oil price was \$59.96 per barrel, or 24.1% higher than the 2020 first quarter. The 2021 first quarter average spot natural gas price was \$3.56 per

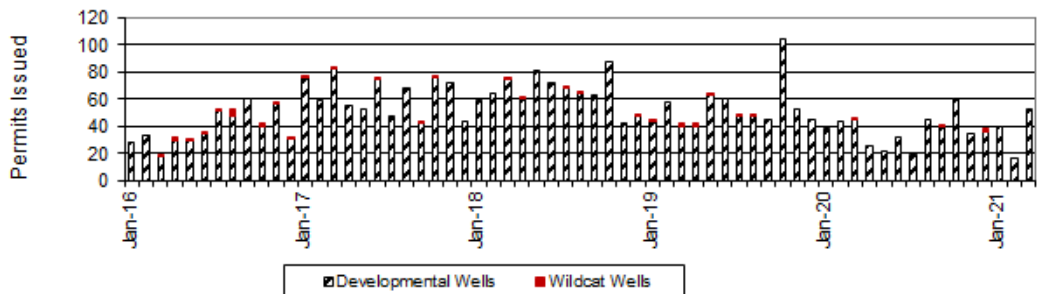
MMBTU, or 122.5% higher than the first quarter 2020 price of \$1.60. The 2021 first quarter average listed 33 active drilling on state lands and over state waters according to Baker Hughes reports. It represents a 6.5% increase over 2020 first quarter.

May 2021

Oil and Gas Drilling Permits Issued by The State of Louisiana Permits Issued

Month	2016	2017	2018	2019	2020	2021	% Change	
							19/20	20/21
January	28	77	59	43	38	40	-11.63%	5.26%
February	33	59	64	58	43	16	-25.86%	-62.79%
March	19	84	76	40	45	52	12.50%	15.56%
April	32	55	61	40	26		-35.00%	
May	31	52	81	63	21		-66.67%	
June	35	75	72	60	32		-46.67%	
July	52	47	70	47	19		-59.57%	
August	53	68	66	47	45		-4.26%	
September	60	44	63	45	40		-11.11%	
October	42	77	88	104	61		-41.35%	
November	58	72	42	52	35		-32.69%	
December	32	43	49	45	36		-20.00%	
Year Average	40	73	66	48	42	36		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	NOV 20	OCT 20	SEP 20	NOV 19
PRODUCTION				
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	48	31	44	56
Natural Gas & Casinghead (BCF)	57	37	48	78
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	335	323	326	386 ²
Natural Gas & Casinghead ^C (BCF)	2,991	2,996	2,914	3,103 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	167	164	162	174 ²
U.S. Natural Gas ^C (BCF)	212	199	174	221
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	74	73	73	130
U.S. Oil ^A	236	207	184	680
U.S. Offshore ^A	12	14	15	22
U.S. Total ^A	311	280	257	810
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	N/A	40.10	41.19	60.79
U.S. Imports Average ^C (F.O.B.)	36.22	34.35	35.99	51.80 ²
U.S. Wellhead Average ^C	38.23	36.46	36.86	54.96
Gulf OCS Wellhead Average ^C	39.11	37.95	39.08	55.13
State Severance Wellhead Average ^E	31.03	40.28	38.36	62.62
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.80	3.47	4.10	3.44
U.S. Imports Average ^C (F.O.B.)	2.78	2.17	2.02	2.80
U.S. Spot Market Average ^D	2.29	1.86	1.85	2.52
State Royalty Wellhead Average	2.50	1.88	1.83	2.35 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.00	2.37	1.93	2.58

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
F.O.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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2020 LOUISIANA STATE PRODUCING OIL WELLS, BY PRODUCTION RATE OCS Wells Excluded

<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	20,292	6,864,967	18.43%
Between 10 - 15	538	3,155,575	8.47%
Between 15 - 20	263	1,760,994	4.73%
Between 20 - 30	423	3,877,647	10.41%
Between 30 - 40	196	2,655,963	7.13%
Between 40 - 50	114	1,941,304	5.21%
Between 50 - 75	238	5,011,400	13.45%
Between 75 - 100	103	3,379,611	9.07%
Between 100 - 150	55	2,581,932	6.93%
Between 150 - 200	19	1,229,395	3.30%
Between 200 - 300	16	1,742,913	4.68%
Between 300 - 500	14	1,885,913	5.06%
Between 500 - 1,000	5	1,169,513	3.14%
Between 1,000 - 2,000	0	0	0.00%
Between 2,000 - 5,000	0	0	0.00%
Over 5000	0	0	0.00%

2020 LOUISIANA STATE PRODUCING GAS WELLS, BY PRODUCTION RATE OCS Wells Excluded

<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	11,926	44,949,688	1.43%
Between 50 - 60	663	13,437,740	0.43%
Between 60 - 70	557	13,327,966	0.42%
Between 70 - 80	390	10,708,996	0.34%
Between 80 - 90	355	11,103,140	0.35%
Between 90 - 100	255	9,069,895	0.29%
Between 100 - 250	2,308	140,224,219	4.47%
Between 250 - 400	946	110,624,743	3.52%
Between 400 - 800	790	164,622,216	5.24%
Between 800 - 1,600	722	312,197,758	9.94%
Between 1,600 - 3,200	790	648,709,622	20.66%
Between 3,200 - 6,400	528	843,829,456	26.87%
Between 6,400 - 12,800	200	619,800,650	19.74%
Between 12,800 - 25,600	25	171,145,765	5.45%
Over 25,600	2	26,487,296	0.84%

Quick Facts

May 2021

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SPOT MARKET PRICES

Louisiana Natural Gas^D (\$/MMBTU)

NYMEX Henry Hub Last Settle Gas Price^B (\$/MMBTU)

Louisiana Sweet Crude - St. James^B (\$/Barrel)

BAKER HUGHES RIG COUNTS

North Louisiana^A

South Louisiana Inland Waters^A

South Louisiana Inland^A

Louisiana State Offshore

Louisiana Federal OCS Offshore

Total Louisiana^A (OCS included)

PRODUCTION (State Jurisdiction Only)

Louisiana Crude Oil & Condensate (MMB)

Louisiana Natural Gas & Casinghead (BCF)

DRILLING PERMITS (State Jurisdiction Only)

Total Louisiana Oil and Gas

Louisiana Wildcats

Louisiana Offshore (Wildcats included)

Apr 21 21-Mar Apr 20

2.58 2.53 1.63

2.61 2.57 1.70

63.73 64.51 19.27

Mar 21 Feb 21 Mar 20

34 32 27

0 1 1

1 0 1

0 0 0

11 15 19

46 48 48

Mar 21 Feb 21 Mar 20

3.4¹ 3.1¹ 3.6²

271.8¹ 267.6¹ 255.4²

Mar 21 Feb 21 Mar 20

52 16 45

1 0 1

0 0 0

