

Louisiana Energy Facts

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Highlights

In the first quarter of 2023, Louisiana issued 138 permits for drilling oil and gas. It was 27.4% lower than the number issued for the first quarter last year. The 2023 first quarter drilling permits issued reflects the slowdown in exploration

and production in Louisiana, due to the decreasing prices from the post-Ukrainian invasion. The 2023 first quarter average LLS crude oil price was \$79.07 per barrel, or 18.3% lower than the 2022 first quarter. The 2023 first quarter average spot natural gas price was

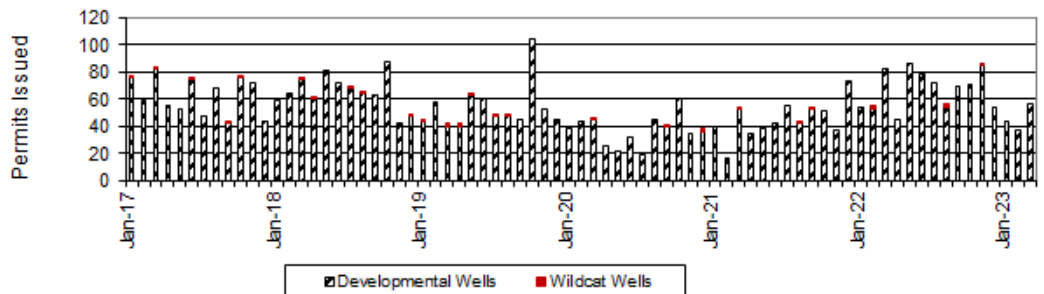
\$2.65 per MMBTU, or 42.6% lower than the first quarter 2022 price of \$4.62. The 2023 first quarter average listed 50 active drilling on state lands and over state waters according to Baker Hughes reports. It represents a 6.4% increase over 2022 first quarter.

May 2023

Oil and Gas Drilling Permits Issued by The State of Louisiana

Month	2018	2019	2020	2021	2022	2023	% Change	
							21/22	22/23
January	59	43	38	40	54	44	35.00%	-18.52%
February	64	58	43	16	53	37	231.25%	-30.19%
March	76	40	45	52	83	57	59.62%	-31.33%
April	61	40	26	35	45		28.57%	
May	81	63	21	68	86		26.47%	
June	72	60	32	42	78		85.71%	
July	70	47	19	55	72		30.91%	
August	66	47	45	42	54		28.57%	
September	63	45	40	52	70		34.62%	
October	88	104	61	51	71		39.22%	
November	42	52	35	37	85		129.73%	
December	49	45	36	73	54		-26.03%	
Year Average	73	66	48	42	63	46*		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	NOV 22	OCT 22	SEP 22	NOV 21
PRODUCTION				
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	51	53	51	51
Natural Gas & Casinghead (BCF)	61	62	60	62
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	371	385	369	353
Natural Gas & Casinghead ^C (BCF)	3,297	3,393	3,279	3,161
IMPORTS				
U.S. Crude Oil ^C (MMB)	187	193	188	190
U.S. Natural Gas ^C (BCF)	246	239	233	242
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	155	157	162	102
U.S. Oil ^A	623	611	600	458
U.S. Offshore ^A	16	14	16	15
U.S. Total ^A	779	768	762	560
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	86.10	90.66	92.39	80.75
U.S. Imports Average ^C (F.O.B.)	68.85	75.24	75.88	71.08
U.S. Wellhead Average ^C	84.43	90.25	84.32	76.46
Gulf OCS Wellhead Average ^C	83.26	85.55	86.01	76.57
State Severance Wellhead Average ^E	72.12	84.88	90.20	66.03
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	6.74	6.83	9.81	6.03
U.S. Imports Average ^C (F.O.B.)	5.80	4.67	6.00	5.43
U.S. Spot Market Average ^D	6.89	5.18	7.77	4.64
State Royalty Wellhead Average	3.10	3.56	4.98	5.35
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	5.37	7.14	9.35	3.00

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.

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Louisiana Energy Facts

2022 LOUISIANA STATE PRODUCING OIL WELLS, BY PRODUCTION RATE OCS Wells Excluded

<u>MCF/DAY</u>	<u>WELLS</u>	<u>MCF/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal 50	11,898	47,060,023	2.20%
Between 50 - 60	536	10,941,431	0.28%
Between 60 - 70	431	10,310,675	0.26%
Between 70 - 80	363	10,230,975	0.26%
Between 80 - 90	283	8,969,699	0.23%
Between 90 - 100	266	9,382,980	0.24%
Between 100 - 250	2,394	140,823,747	3.59%
Between 250 - 400	707	83,719,046	2.14%
Between 400 - 800	929	195,947,425	5.00%
Between 800 - 1,600	870	361,849,264	9.24%
Between 1,600 - 3,200	785	669,594,559	17.09%
Between 3,200 - 6,400	746	1,258,597,970	32.13%
Between 6,400 - 12,800	269	846,229,421	21.60%
Between 12,800 - 25,600	36	229,910,743	5.87%
Over 25,600	2	33,868,536	0.86%

2022 LOUISIANA STATE PRODUCING GAS WELLS, BY PRODUCTION RATE OCS Wells Excluded

<u>MCF/DAY</u>	<u>WELLS</u>	<u>MCF/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal 50	11,898	47,060,023	2.20%
Between 50 - 60	536	10,941,431	0.28%
Between 60 - 70	431	10,310,675	0.26%
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Quick Facts

May 2023

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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 23	Mar 23	Apr 22
Louisiana Natural Gas ^D (\$/MMBTU)	2.11	2.27	6.49
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.16	2.31	6.57
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	81.31	76.08	103.50
	Mar 23	Feb 23	Mar 22
North Louisiana ^A	42	45	44
South Louisiana Inland Waters ^A	2	0	2
South Louisiana Inland ^A	4	4	6
Louisiana State Offshore	0	0	1
Louisiana Federal OCS Offshore	15	15	11
Total Louisiana ^A (OCS included)	63	64	65
	Mar 23	Feb 23	22-Mar
Louisiana Crude Oil & Condensate (MMB)	3.2 ¹	2.8 ¹	3.0 ²
Louisiana Natural Gas & Casinghead (BCF)	339.8 ¹	329.8 ¹	314.1 ²
	Mar 23	Feb 23	Mar 22
Total Louisiana Oil and Gas	57	37	83
Louisiana Wildcats	0	0	0
Louisiana Offshore (Wildcats included)	1	0	0

