

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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MAY 2014

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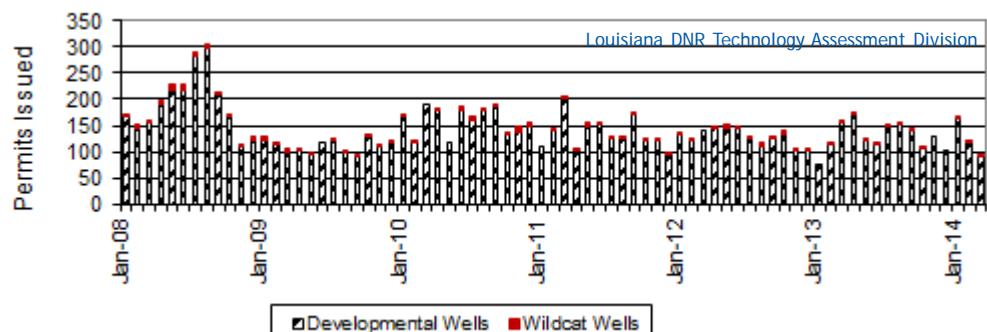
Highlights

The latest U.S. Energy Information Administration (EIA) oil and gas proved reserve report shows that the 2012 Louisiana State natural gas proved reserves decreased 8.4 TCF or 27.7% from 2011, and the federal OCS (Louisiana) natural gas reserves in the Gulf of Mexico decreased 0.9 TCF or 10.6% from 2011. The decrease is attributable to low natural gas prices. The 2012 Louisiana natural gas spot average price was \$2.82 per MCF or 31.5% lower than the 2011 average. The 2012 Louisiana State crude oil proved reserves increased 46 MMB or 11.7% from 2011, and the federal OCS (Louisiana) crude oil reserves in the Gulf of Mexico increased 66 MMB or 1.5% from 2011. The average price of oil, on the other hand, remained relatively constant. The 2012 average Light Louisiana Sweet crude oil spot price was \$111.79 per barrel, only \$0.44 lower per barrel than the 2011 average.

Oil and Gas Drilling Permits Issued by the State of Louisiana

Month	Permits Issued						% Change	
	2009	2010	2011	2012	2013	2014	12/13	13/14
January	129	172	113	134	79	165		108.86%
February	118	120	143	123	121	120		-0.83%
March	106	192	208	141	158	94		-40.51%
April	108	183	107	147	174		18.37%	
May	97	118	159	152	127		-16.45%	
June	118	186	159	150	120		-20.00%	
July	123	169	128	129	153		18.60%	
August	105	182	131	119	157		31.93%	
September	93	191	176	130	142		9.23%	
October	135	139	125	143	113		-20.98%	
November	113	148	128	107	131		22.43%	
December	120	156	99	106	103		-2.83%	
Year Average	114	163	140	132	132	126 *		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	NOV 13	OCT 13	SEP 13	NOV 12
PRODUCTION				
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	32 ¹	31 ¹	35 ¹	36 ¹
Natural Gas & Casinghead ^C (BCF)	79 ¹	77 ¹	84 ¹	92 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	238	239	234	211 ²
Natural Gas & Casinghead ^C (BCF)	2,048	2,082	1,990	2,000 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	221	232	237	245 ²
U.S. Natural Gas ^C (BCF)	219	220	244	234 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	366	374	389	421
U.S. Oil ^A	1,384	1,364	1,364	1,385
U.S. Offshore ^A	58	61	65	51
U.S. Total ^A	1,756	1,744	1,760	1,809
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	93.21	97.38	104.44	95.94
U.S. Imports Average ^C (F.O.B.)	88.49	92.81	100.85	91.86
U.S. Wellhead Average ^C	88.70	96.18	102.45	89.64
Gulf OCS Wellhead Average ^C	94.57	101.56	106.87	102.72
State Severance Wellhead Average ^E	104.73	108.42	114.20	101.77
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.77	4.87	5.20	4.79
U.S. Imports Average ^C (F.O.B.)	3.76	3.39	3.49	4.03
U.S. Spot Market Average ^D	3.77	3.73	3.68	3.77 ²
State Royalty Wellhead Average	3.66	3.58	3.63	3.49 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.50	3.50	3.57	3.47

Key

Data Sources

1	Estimated	MCF	Thousand Cubic Feet	A	Oil & Gas Journal	D	Natural Gas Week
2	Revised	MMB	Million Barrels	B	Wall Street Journal	E	LA Dept of Revenue
BCF	Billion Cubic Feet	NA	Not Available	C	U. S. Dept. of Energy		
BTU	British Thermal Unit	OCS	Outer Continental Shelf	Note: Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.			
FO.B.	Free on Board	MMBTU	Million British Thermal Units				

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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2013 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	14,337	8,380,769	11.63%
Between 10 - 15	N/A	3,087,906	4.28%
Between 15 - 20	832	2,947,567	4.09%
Between 20 - 30	1,233	6,229,324	8.64%
Between 30 - 40	773	5,455,131	7.57%
Between 40 - 50	417	3,751,285	5.20%
Between 50 - 75	788	9,604,550	13.32%
Between 75 - 100	412	7,186,268	9.97%
Between 100 - 150	N/A	6,112,312	8.48%
Between 150 - 200	105	4,136,810	5.74%
Between 200 - 300	51	2,467,658	3.42%
Between 300 - 500	54	4,601,706	6.38%
Between 500 - 1,000	11	2,081,102	2.89%
Between 1,000 - 2,000	2	732,798	1.02%
Between 2,000 - 5,000	N/A	1,171,808	1.63%
Over 5000	N/A	4,143,214	5.75%

2013 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	12,463	39,369,483	1.70%
Between 50 - 60	597	11,503,502	0.50%
Between 60 - 70	436	10,028,300	0.43%
Between 70 - 80	508	13,302,279	0.57%
Between 80 - 90	412	12,374,147	0.53%
Between 90 - 100	354	11,658,844	0.50%
Between 100 - 250	N/A	143,654,104	6.20%
Between 250 - 400	636	73,069,947	3.15%
Between 400 - 800	749	156,623,245	6.76%
Between 800 - 1,600	979	404,428,760	17.44%
Between 1,600 - 3,200	664	539,421,236	23.27%
Between 3,200 - 6,400	327	495,233,525	21.36%
Between 6,400 - 12,800	58	192,583,266	8.31%
Between 12,800 - 25,600	10	70,807,633	3.05%
Over 25,600	10	144,255,945	6.22%

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SPOT MARKET PRICES

	Apr 14	Mar 14	Apr 13
Louisiana Natural Gas ^D (\$/MMBTU)	4.51	4.76	4.08
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	4.58	4.86	3.98
Light Louisiana Sweet Crude - St. James ^B (\$/Barrel)	104.15	104.13	105.42

BAKER HUGHES RIG COUNTS

	Mar 14	Feb 14	Mar 13
North Louisiana ^A	28	24	25
South Louisiana Inland Waters ^A	18	19	20
South Louisiana Inland ^A	12	13	14
Louisiana State Offshore	0	0	2
Louisiana Federal OCS Offshore	47	50	46
Total Louisiana ^A (OCS included)	105	106	107

PRODUCTION (State Jurisdiction Only)

	Mar 14	Feb 14	Mar 13
Louisiana Crude Oil & Condensate (MMB)	5.8	5.8	6.2 ²
Louisiana Natural Gas & Casinghead (BCF)	166.8	164.4 ²	215.2 ²

DRILLING PERMITS (State Jurisdiction Only)

	Mar 14	Feb 14	Mar 13
Total Louisiana Oil and Gas	94	120	158
Louisiana Wildcats	3	2	1
Louisiana Offshore (Wildcats included)	0	1	5