

# Louisiana Energy Facts

Department of Natural Resources

Technology Assessment Division

The Louisiana average rig count climbed for the second month in a row, possibly the start of a drilling recovery trend. The increase is in rigs drilling for gas, while those drilling for oil remained static. The US drilling rig statistics from the last week of May 2002 showed 721 rigs looking for gas and 131 looking for oil. In the last week of April 2002, there were 634 rigs looking for gas and 130 looking for oil. These show an increase of 13.7% in gas drilling rigs and less than 1% increase in drilling rigs for oil. Gas prices are above \$3.00 per MMBTU, and it is believed that US gas demand has recovered from its dip when the prices soared to around \$10.00 per MMBTU in January 2001.

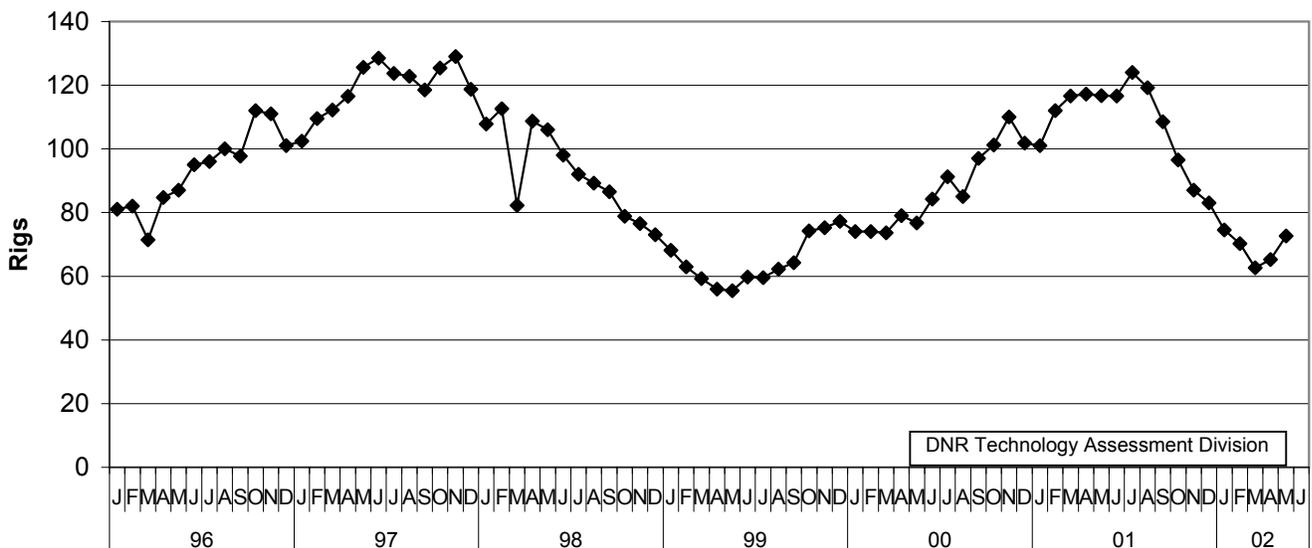
## Louisiana Active Rigs in Areas Under State Jurisdiction (End of the Month DNR Survey)

<u>Month</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	Percentage Change	
							<u>00/01</u>	<u>or 01/02</u>
January	102	108	68	74	101	75		-26.24%
February	110	113	63	74	112	70		-37.28%
March	112	82	59	74	117	63		-46.26%
April	117	109	56	79	117	65		-44.35%
May	126	106	56	77	117	73		-37.82%
June	129	98	60	84	117		38.48%	
July	124	92	60	91	124		35.89%	
August	123	89	62	85	119		40.24%	
September	119	87	64	97	109		11.86%	
October	125	79	74	101	97		-4.69%	
November	129	77	75	110	87		-20.91%	
December	119	73	77	102	83		-18.47%	
<b>Year Average</b>	<b>119</b>	<b>93</b>	<b>65</b>	<b>87</b>	<b>108</b>	<b>69</b> *		

\* Partial Year

Note: all data on in ths table has been revised, please see the August 2001 Louisiana Energy Topic Insert for An Explanation of Changes in Oil and Gas Statistics

## Louisiana Active Rigs in Areas Under State Jurisdiction



	DEC 01	NOV 01	OCT 01	DEC 00
<b>PRODUCTION</b>				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate <sup>C</sup> (MMB)	43	45	46 <sup>2</sup>	42 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	304	301	306	313 <sup>2</sup>
<u>THE UNITED STATES TOTAL</u>				
Crude Oil & Condensate <sup>C</sup> (MMB)	184	178	180	181 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,560	1,585	1,648 <sup>2</sup>	1,568 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	272	274	281	285 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	311	293	328 <sup>2</sup>	371 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	754	825	913	854
U.S. Oil <sup>A</sup>	147	174	198	242
U.S. Offshore <sup>A</sup>	121	134	132	147
U.S. Total <sup>A</sup>	901	1,000	1,111	1,097
<b>PRICES</b>				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average <sup>C</sup> (F.O.B.)	14.39	14.14	15.92 <sup>2</sup>	22.07 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	15.00	15.07	17.18 <sup>2</sup>	22.79 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	15.49	16.49	18.73 <sup>2</sup>	24.46 <sup>2</sup>
Gulf OCS Wellhead Average <sup>C</sup>	17.28	18.05	21.38 <sup>2</sup>	27.84 <sup>2</sup>
State Severance Wellhead Average <sup>E</sup>	18.67	22.31	27.69	33.81
<u>NATURAL GAS (\$/MCF)</u>				
U.S. City Gates Average <sup>C</sup>	3.98	4.18	3.50 <sup>2</sup>	6.64 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.68	2.96	2.14 <sup>2</sup>	7.35 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	2.38	2.15	2.40	5.77 <sup>2</sup>
State Royalty Wellhead Average	3.08	2.95	3.40	7.03 <sup>2</sup>

<sup>1</sup> Estimated	<sup>2</sup> Revised
BCF: Billion Cubic Feet	BTU: British thermal unit
F.O.B.: Free on board	MCF: Thousand Cubic Feet
MMB: Million Barrels	MMBTU: Million BTU
OCS: Outer Continental Shelf	N/A: Not Available
<b>DATA SOURCES</b>	
A: Oil and Gas Journal	B: Wall Street Journal
C: U.S. Department of Energy	D: DYNEGY Inc.
E: Louisiana Department of Revenue and Taxation	
<b>Note:</b> Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.	

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**LOUISIANA ESTIMATED DRY NATURAL GAS PROVED RESERVES<sup>C</sup>**  
**As of December 31st of Each Year**  
**(Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)**  
**(Million Barrels)**

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH ONSHORE</u>	<u>SOUTH OFFSHORE</u>	<u>FEDERAL OCS</u>	<u>LOUISIANA TOTAL</u>	<u>TOTAL US</u>
1982	2,919	11,801	30,203 c	N/A	44,923	201,512
1983	2,939	11,142	28,480 c	N/A	42,561 c	200,247
1984	2,494	10,331	28,574 c	N/A	41,399 c	197,463
1985	2,587	9,808	1,643	26,113 c	40,151 c	193,369
1986	2,515	9,103	1,312	25,454 c	38,384 c	191,586
1987	2,306	8,693	1,431	23,260 c	35,690 c	187,211
1988	2,398	8,654	1,172	23,471 c	35,695 c	168,024
1989	2,652	8,645	1,219	24,187 c	36,703 c	167,116
1990	2,588	8,171	969	22,679 c	34,407 c	169,346
1991	2,384	7,504	1,024	21,611 c	32,523 c	167,062
1992	2,311	6,693	776	19,653 c	29,433 c	165,015
1993	2,325	5,932	917	19,383 c	28,557 c	162,415
1994	2,537	6,251	960	20,835 c	30,583 c	163,837
1995	2,788	5,648	838	21,392 c	30,666 c	165,146
1996	3,105	5,704	734	21,856 c	31,399 c	166,474
1997	3,093	5,855	725	21,934 c	31,607 c	167,223
1998	2,898	5,698	551	20,774 c	29,921 c	164,041
1999	3,079	5,535	628	19,598 c	28,840 c	167,406
2000	3,298	5,245	696	19,788 c	29,027 c	177,427

Note: Federal OCS is included in the south offshore figure from 1982 through 1985

N/A Not Available <sup>C</sup> Includes Federal Offshore Alabama

**LOUISIANA ESTIMATED NATURAL GAS LIQUIDS PROVED RESERVES<sup>C</sup>**  
**As of December 31st of Each Year**  
**(Million Barrels)**

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH ONSHORE</u>	<u>SOUTH OFFSHORE</u>	<u>FEDERAL OCS</u>	<u>LOUISIANA TOTAL</u>	<u>TOTAL US</u>
1982	73	301	374	N/A	748	5,620
1983	61	263	409	N/A	733	6,288
1984	55	298	462	N/A	815	6,121
1985	39	234	420	N/A	693	6,491
1986	39	220	28	336	623	6,729
1987	33	235	33	309	610	6,745
1988	39	228	27	289	583	6,849
1989	40	215	39	297	591	6,380
1990	38	249	37	261	585	6,284
1991	38	242	41	292	613	6,222
1992	41	229	47	246	563	6,225
1993	38	201	21	255	515	6,030
1994	48	214	19	267	548	6,023
1995	55	359	16	191	621	6,202
1996	61	284	36	199	580	6,516
1997	50 <sup>2</sup>	199 <sup>2</sup>	12 <sup>2</sup>	352 <sup>2</sup>	613 <sup>2</sup>	6,632 <sup>2</sup>
1998	34	187	13	341	575	6,188
1999	36	230	19	398	681	6,611
2000	39	207	21	315	582	7,012

Note: Federal OCS is included in the south offshore figure from 1982 through 1985

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<b>SPOT MARKET PRICES</b>	<b>May 02</b>	<b>Apr. 02</b>	<b>May 01</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	3.31	3.35 <sup>2</sup>	4.84
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	26.57	26.65 <sup>2</sup>	29.06
<b>BAKER HUGHES RIG COUNTS</b>	<b>Apr. 02</b>	<b>Mar. 02</b>	<b>Apr. 01</b>
North Louisiana <sup>A</sup>	17	17	27
South Louisiana Inland Waters <sup>A</sup>	16	15	21
South Louisiana Inland <sup>A</sup>	30	27	50
Louisiana Offshore <sup>A</sup> (State + OCS)	89	95	128
Total Louisiana <sup>A</sup> (OCS included)	152	154	226
<b>PRODUCTION (State Jurisdiction Only)</b>	<b>Apr. 02</b>	<b>Mar. 02</b>	<b>Apr. 01</b>
Louisiana Crude Oil & Condensate (MMB)	8.4	8.5	8.8 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	122.3	122.9 <sup>2</sup>	125.3 <sup>2</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>	<b>Apr. 02</b>	<b>Mar. 02</b>	<b>Apr. 01</b>
Total Louisiana Oil and Gas	86	84	113
Louisiana Wildcats	12	7	5
Louisiana Offshore (Wildcats included)	6	3	8