

May 2003

Louisiana Energy Facts

Department of Natural Resources

Technology Assessment Division

Gas prices are around \$5.00 per MMBTU. Usually gas prices drop in spring as mild temperatures reduce gas use for heating. This year, gas prices did not drop because of heavy buying to refill US storage inventories. The number of drilling rigs used to look for gas has increased only slightly from levels of a year ago. The approaching hot summer months, coupled with problems at several nuclear reactors in the Southeastern US, almost insure strong gas demand for electric generation. The average spot market for April was \$5.19 per MMBTU, which is \$1.84 or 36% higher than April 2002.

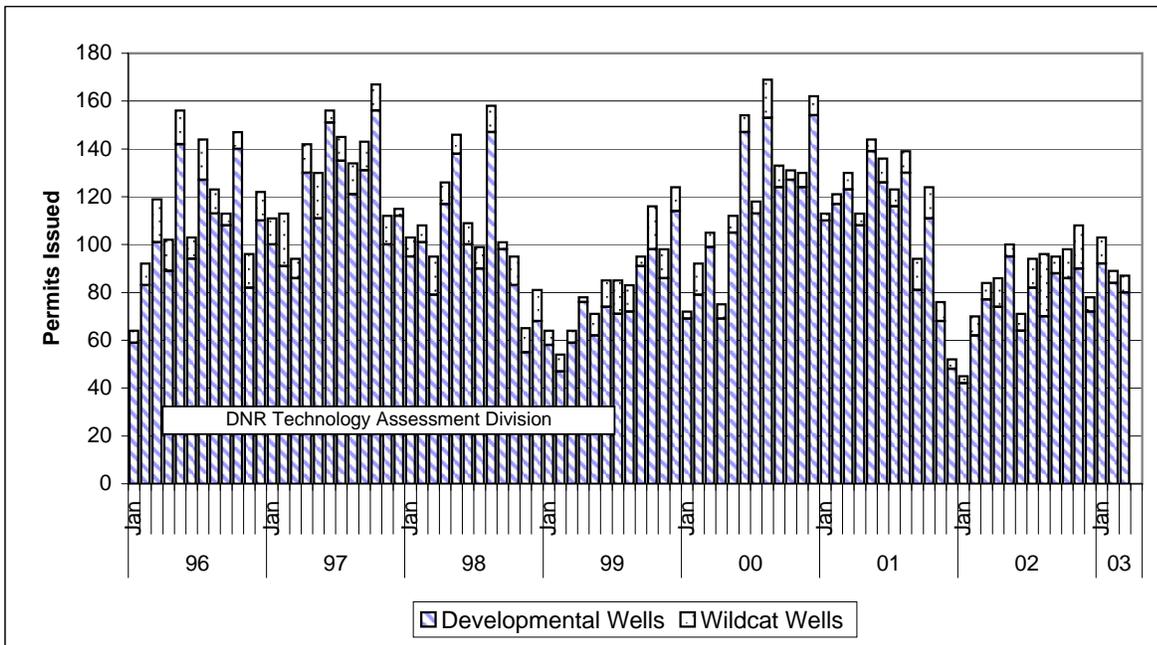
Included this month is a revised copy of the *Louisiana Energy Topic* originally published in the April 2003 *Louisiana Energy Facts* newsletter.

Oil and Gas Drilling Permits Issued by the State of Louisiana

<u>Month</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>% Change</u>	
							<u>01/02</u>	<u>02/03</u>
January	103	64	72	113	45	103		128.89%
February	108	54	92	121	70	89		27.14%
March	95	64	105	130	84	87		3.57%
April	126	78	75	113	86		-23.89%	
May	146	71	112	144	100		-30.56%	
June	109	85	154	136	71		-47.79%	
July	99	85	118	123	94		-23.58%	
August	158	83	169	139	96		-30.94%	
September	101	95	133	94	95		1.06%	
October	95	116	131	124	98		-20.97%	
November	65	98	130	76	108		42.11%	
December	81	124	162	52	78		50.00%	
Year Average	107	85	121	114	85	93 *		

* Partial Year

Louisiana Drilling Permits Issued for Developmental and Wildcat Wells



	NOV 02	OCT 02	SEP 02	NOV 01
PRODUCTION				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate ^C (MMB)	48	44 ²	36 ²	45
Natural Gas & Casinghead ^C (BCF)	325	254 ²	263 ²	310 ²
<u>THE UNITED STATES TOTAL</u>				
Crude Oil & Condensate ^C (MMB)	174	176	161	178
Natural Gas & Casinghead ^C (BCF)	1,494	1,550	1,513	1,590 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	286	294	264	274
U.S. Natural Gas ^C (BCF)	328	345 ²	356 ²	291 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	683	709	736	825
U.S. Oil ^A	146	140	122	174
U.S. Offshore ^A	110	112	114	134
U.S. Total ^A	834	851	860	1,000
PRICES				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average ^C (F.O.B.)	22.33	22.89	25.09 ²	14.05 ²
U.S. Imports Average ^C (F.O.B.)	22.42	24.34	25.78 ²	15.05 ²
U.S. Wellhead Average ^C	23.38	25.29	26.08	16.49
Gulf OCS Wellhead Average ^C	25.54	26.67	26.65	18.05
State Severance Wellhead Average ^E	26.89	37.15	24.11	22.31
<u>NATURAL GAS (\$/MCF)</u>				
U.S. City Gates Average ^C	4.58	4.28 ²	4.07 ²	3.98 ²
U.S. Imports Average ^C (F.O.B.)	4.05	3.57 ²	3.06 ²	2.95 ²
U.S. Wellhead Average ^C	3.59	3.35	2.98 ²	2.74 ²
State Royalty Wellhead Average	4.23	3.90 ²	3.39 ²	3.00 ²

¹ Estimated	² 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
DATA SOURCES	
A: Oil and Gas Journal	B: Wall Street Journal
C: U.S. Department of Energy	D: Natural Gas Week
E: Louisiana Department of Revenue and Taxation	
Note: Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.	

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Louisiana Estimated Crude Oil Proved Reserves^c
Excluding Lease Condensate
As of December 31st of Each Year
(Million Barrels)

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH</u>		<u>FEDERAL</u>	<u>LOUISIANA</u>	<u>TOTAL</u>
		<u>ONSHORE</u>	<u>OFFSHORE</u>	<u>OCS</u>	<u>TOTAL</u>	
1983	223	569	1,915	N/A	2,707	27,735
1984	165	585	1,911	N/A	2,661	28,446
1985	196	565	122	1,759	2,642	28,416
1986	160	547	119	1,640	2,466	26,889
1987	175	505	127	1,514	2,321	27,256
1988	154	511	135	1,527	2,327	26,825
1989	123	479	143	1,691	2,436	26,501
1990	120	435	150	1,772	2,477	26,254
1991	127	408	144	1,775	2,454	24,682
1992	125	417	126	1,643	2,311	23,745
1993	108	382	149	1,880	2,519	22,957
1994	108	391	150	1,922	2,571	22,457
1995	108	387	142	2,269	2,906	22,351
1996	128	382	148	2,357	3,015	22,017
1997	136	427	151	2,587	3,301	22,546
1998	101	357	97	2,483	3,038	21,034
1999	108	384	108	2,442	3,042	21,765
2000	97	310	122	2,751	3,280	22,045
2001	87	341	136	3,877	4,441	22,446

Note: Federal OCS is included in the south offshore figure from 1983 through 1984

Louisiana Estimated Lease Condensate Proved Reserves^c
As of December 31st of Each Year
(Million Barrels)

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH</u>		<u>FEDERAL</u>	<u>LOUISIANA</u>	<u>TOTAL</u>
		<u>ONSHORE</u>	<u>OFFSHORE</u>	<u>OCS</u>	<u>TOTAL</u>	
1983	24	238	300	N/A	562	1,613
1984	19	229	269	N/A	517	1,522
1985	18	220	257	N/A	495	1,453
1986	18	208	11	230	467	1,436
1987	17	194	13	223	447	1,402
1988	17	193	13	223	446	1,389
1989	20	196	12	278	506	1,389
1990	20	182	12	258	472	1,302
1991	21	175	9	253	458	1,244
1992	19	151	8	226	404	1,226
1993	19	133	9	235	396	1,192
1994	21	123	9	233	386	1,147
1995	24	136	11	305	476	1,197
1996	24	127	11	422	584	1,307
1997	30	134	12	433	609	1,341
1998	23	138	16	435	612	1,336
1999	25	134	15	435	609	1,295
2000	22	130	17	437	606	1,333
2001	27	141	19	325	512	1,398

Note: Federal OCS is included in the south offshore figure from 1983 through 1985

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SPOT MARKET PRICES	Apr 03	Mar 03	Apr 02
Louisiana Natural Gas ^D (\$/MMBTU)	5.19	7.35	3.35 ^F
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	5.15	9.13	3.47
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	27.92	33.46	26.65
BAKER HUGHES RIG COUNTS	Mar 03	Feb 03	Mar 02
North Louisiana ^A	23	21 ²	17
South Louisiana Inland Waters ^A	17	17 ²	15
South Louisiana Inland ^A	30	25 ²	27
Louisiana Offshore ^A (State + OCS)	84	91 ²	95
Total Louisiana ^A (OCS included)	154	154	154
PRODUCTION (State Jurisdiction Only)	Mar 03	Feb 03	Mar 02
Louisiana Crude Oil & Condensate (MMB)	7.6	7.6	8.4 ²
Louisiana Natural Gas & Casinghead (BCF)	109.7	110.1	118.7 ²
DRILLING PERMITS (State Jurisdiction Only)	Mar 03	Feb 03	Mar 02
Total Louisiana Oil and Gas	87	89	84
Louisiana Wildcats	7	5	7
Louisiana Offshore (Wildcats included)	8	14	3

^F Dynegy Corp.'s Price