Louisiana Department of Natural Resources

www.dnr.louisiana.gov/tad

Technology Assessment Division

INSIDE

Highlights page 1

Oil and Gas Drilling Permits Issued by the State of Louisiana page 1

Current Oil & Gas Data page 2

Louisiana Energy Facts Index to Previous Issues page 3

> **Quick Facts** page 4

Featured Articles

The Ups and Downs of a Renewable Portfolio Standard

Upcoming Events on Energy Efficiency

Building Energy Codes Authority / Responsibility **Provisions**



Department of Natural Resources Scott A. Angelle, Secretary

Technology Assessment Division T. Michael French, Director Manuel Lam, Senior Analyst

> 617 North Third Street Baton Rouge, LA 70804-4156 Tel. (225) 342-1270

Fax. (225) 242-1397 Email: techasmt@la.gov www.dnr.louisiana.gov/tad

Highlights_

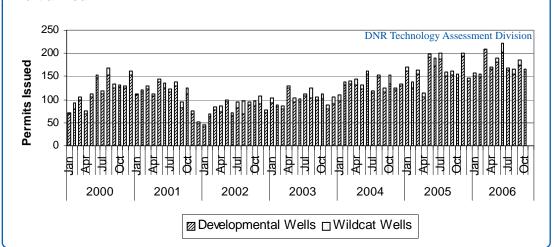
DECEMBER 2006

The spot market price for gas was \$8.33 per MMBTU on Thursday, November 30, 2006. The November average was \$7.40 per MMBTU with prices fluctuating between \$6.64 and \$8.33 per MMBTU. The high price at the end of the month was caused by the winter storm that put over a foot of snow in the Midwest from Texas to Illinois. The gas market remains bearish because of high storage levels and low demand projections. Natural Gas Week reported a below average withdrawal from storage in the month of November and private weather forecasters are predicting that winter weather will not hit the Eastern U.S. before the middle of December.

Oil and Gas Drilling Permits Issued by the State of Louisiana

| | | | | | | | % Change | | |
|--------------|------|------|------|------|------|------------------|----------|---------|--|
| Month | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 04/05 | 05/06 | |
| January | 113 | 45 | 103 | 109 | 171 | 157 | | -8.19% | |
| February | 121 | 70 | 89 | 138 | 138 | 155 | | 12.32% | |
| March | 130 | 84 | 87 | 141 | 163 | 210 | | 28.83% | |
| April | 113 | 86 | 130 | 145 | 114 | 171 | | 50.00% | |
| May | 144 | 100 | 104 | 131 | 198 | 189 | | -4.55% | |
| June | 136 | 71 | 102 | 161 | 189 | 222 | | 17.46% | |
| July | 123 | 94 | 113 | 118 | 201 | 168 | | -16.42% | |
| August | 139 | 96 | 124 | 152 | 159 | 166 | | 4.40% | |
| September | 94 | 95 | 106 | 124 | 161 | 186 | | 15.53% | |
| October | 124 | 98 | 112 | 154 | 155 | 165 | | 6.45% | |
| November | 76 | 108 | 89 | 126 | 201 | | 59.52% | | |
| December | 52 | 78 | 105 | 134 | 146 | | 8.96% | | |
| Year Average | 114 | 85 | 105 | 136 | 166 | 179 [*] | | | |
| I | | | | | | | | | |

Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

| PRODUCTION | JUN 06 | MAY 06 | APR 06 | JUN 05 |
|---|------------------|------------------|------------------|--------------------|
| LOUISIANA FEDERAL OFFSHORE (OCS) | | | | |
| Crude Oil & Condensate C (MMB) | 31 ¹ | 32 ¹ | 29 ¹ | 42 ¹ |
| Natural Gas & Casinghead ^C (BCF) | 152 ¹ | 163 ¹ | 158 ¹ | 224 ¹ |
| THE UNITED STATES TOTAL | | | | |
| Crude Oil & Condensate C (MMB) | 157 | 158 | 152 | 163 |
| Natural Gas & Casinghead ^C (BCF) | 1,509 | 1,608 | 1,533 | 1,544 ² |
| IMPORTS | | | | |
| U.S. Crude Oil ^C (MMB) | 320 | 318 | 295 | 321 ² |
| U.S. Natural Gas ^C (BCF) | 327 | 345 | 331 | 320 ² |
| BAKER HUGHES RIG COUNTS | | | | |
| U.S. Gas ^A | 1,376 | 1,373 | 1,337 | 1,179 |
| U.S. Oil ^A | 285 | 261 | 259 | 148 |
| U.S. Offshore ^A | 95 | 100 | 95 | 93 |
| U.S. Total ^A | 1,665 | 1,635 | 1,597 | 1,355 |
| PRICES | | | | |
| CRUDE OIL (\$/barrel) | | | | |
| OPEC Average ^C (F.O.B.) | 64.69 | 65.34 | 65.03 | 51.15 ² |
| U.S. Imports Average ^C (F.O.B.) | 61.49 | 62.98 | 62.12 | 48.55^{2} |
| U.S. Wellhead Average ^C | 64.36 | 64.31 | 62.51 | 49.87 |
| Gulf OCS Wellhead Average ^C | 63.34 | 64.58 | 62.01 | 49.44 |
| State Severance Wellhead Average ^E | 66.56 | 62.64 | 60.26 | 43.21 |
| NATURAL GAS (\$/MCF) | | | | 0 |
| U.S. City Gates Average ^C | 7.19 | 7.82 | 8.07 | 7.29 ² |
| U.S. Imports Average ^C (F.O.B.) | 5.82 | 6.53 | 6.72^{-2} | 6.36 ² |
| U.S. Wellhead Average ^C | 5.80 | 6.19 | 6.59 | 6.15 |
| State Royalty Wellhead Average | 6.42 | 7.36 | 7.53 | 6.84 ² |
| NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU) | 5.98 | 7.20 | 7.23 | 6.12 |
| | | | | |

| Key | | | | Da ⁻ | ta Sources | | |
|--------|----------------------|-------|-------------------------------|--|---------------------------|-----------|-------------------------|
| 1 | Estimated | MCF | Thousand Cubic Feet | Α | Oil & Gas Journal | D | Natural Gas Week |
| 2 | Revised | MMB | Million Barrels | В | Wall Street Journal | Е | LA Dept. of Revenue |
| BCF | Billion Cubic Feet | N/A | Not Available | C | U. S. Dept. of Energy | | |
| BTU | British Thermal Unit | ocs | Outer Continental Shelf | Note | : Unless otherwise specif | ied, data | a is from the Louisiana |
| F.O.B. | Free on Board | MMBTU | Million British Thermal Units | Department of Natural Resources and excludes Federal | | | |

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 Energy Data & Reports; choose Louisiana Energy Facts Newsletter. Our current online holdings include issues dating from 1998 through the present. If the issue you are seeking is unavailable, please contact us.

To request a subscription or update your mailing address, contact us with your information. Please specify print or electronic subscription. We value your feedback. Please send your comments and suggestions for improving and enhancing the newsletter to: techasmt@la.gov.

Louisiana Energy Facts Index to Previous Issues

Louisiana DNR Technology Assessment Division

LIST OF TABLES
Page 1

MONTH PUBLISHED

Louisiana Crude Oil and Condensate Production Louisiana Natural Gas and Casinghead Gas Production

Louisiana Natural Gas and Casinghead Gas Production Louisiana Natural Gas Average Spot Prices

South Louisiana Sweet Crude Average Spot Market Price at St. James

Louisiana Oil & Gas Drilling Permits Issued

Louisiana Average Active Rigs in Areas Under State Jurisdiction

Page 2

Current Oil and Gas Data January - December

Page 3

Louisiana Crude Oil and Condensate Production & Natural gas and Casinghead Production

Louisiana and the United States Active Rig Counts

Natural Gas Average Prices 1982 - 2005 (U.S. and Louisiana)

Average Crude Oil Prices 1983 - 2005 (U.S. and Louisiana)

April

Louisiana Estimated Crude Oil Proved Reserves & Lease Condensate Proved Reserve

May

Louisiana Estimated Dry Natural Gas Proved Reserves & Natural Gas Liquids Proved Reserve

June

2005 Louisiana State Crude Oil Wells by Production Rate & Natural Gas Wells by Production Rate Uly Louisiana Non-Agricultural Employment August

Louisiana Crude Oil Imports and Exports & Natural Gas Imports and Exports

November

LIST OF FIGURES

Page 1

Louisiana Crude Oil and Condensate ProductionJanuary & JulyLouisiana Natural Gas and Casinghead ProductionFebruary & AugustLouisiana Natural Gas Average Spot PricesMarch & OctoberSouth Louisiana Sweet Crude Average Spot Price at St. JamesApril & SeptemberLouisiana Drilling Permits Issued for Developmental and Wildcat WellsMay & DecemberLouisiana Average Active Rigs in Areas Under State JurisdictionJune & November

Page 3

Natural Gas Average Prices
Average Crude Oil Prices
April
Louisiana Natural Gas Production from Incapable Oil and Gas Wells & Louisiana Crude Oil Production from Stripper Wells
Louisiana Mineral Severance Tax Revenue by Source & Louisiana Mineral Royalty Revenue by Source
October

2006 LOUISIANA ENERGY TOPICS

Impacts of '05 Hurricanes on Louisiana's Energy Industry February Proposed LNG Terminal Mask a Cloudy Near Term Supply Outlook March Cogeneration: Its Place in the Future of Electricity in Louisiana April Geothermal Resources in Louisiana May The Transmission System - Electricy's Highway June Selected Louisiana Energy Statistics July Highlihts of the 14th Edition of the Louisiana Crude Oil Refinery Survey Report July New Orleans Continues to Experience Power Outages August Now Is the Time: Energy Star Appliences Make More Sense Now Than Ever Before August Louisiana, an Energy Consuming State: An Update Using 2002 Data September How Homebuilders and Homeownere Can Save Money with EPAC 2005 September Confused About Windows? September National Electric Transmission Congestion Study Was Released On August 8, 2006 October 2006 Changes to the International Energy Conservation Code October Insulation and the Building Envelope October

Biofuels - Part 1: Ethanol Basics
Louisiana Energy and Power Authority and The Laffayette Utilities System Requested Early

Designation as a National Interest Electric Transmission Corridor

The Ups and Downs of a Renewable Portfolio Standard

Upcoming Events on Energy Efficiency

December

Building Energy Codes Authority / Reponsibility Provisions

December

This issue of *Louisiana Energy Facts* is funded 100% (\$967.52) with Petroleum Violation Escrow funds as part of the State Energy Program as approved by the U.S. Department of Energy and Department of Natural Resources. This public document was published at a total cost of \$967.52. 1,000 copies of this public document were published in this first printing at a total cost of \$967.52. The total cost of all printing of this document, including reprints, is \$967.52. This document was published by the Department of Natural Resources, P.O. Box 44156, Baton Rouge, LA 70804-4156 to promulgate the State Energy Program developed under authority of P.L. 94-163. This material was printed in accordance with the standards for printing by State agencies established pursuant to R.S. 43.31.

November

January & July

February & August

March & October

April & September

May & December

June & November



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division P. O. Box 44156 Baton Rouge, LA 70804-4156 PRST STD U.S. POSTAGE PAID BATON ROUGE, LA PERMIT NO. 936

ADDRESS SERVICE REQUESTED

INSIDE

Highlights page 1

Oil and Gas Drilling Permits Issued by the State of Louisiana page 1

Current Oil & Gas Data page 2

Louisiana Energy Facts Index to Previous Issues page 3

> Quick Facts page 4

Featured ArticlesThe Ups and Downs of a
Renewable Portfolio Standard

Upcoming Events on Energy Efficiency

Building Energy Codes Authority / Responsibility Provisions

Quick Facts

DECEMBER 2006

| | Louisiana DNR To | echnology Asses | sment Division |
|---|--------------------|-----------------|-------------------|
| SPOT MARKET PRICES | Nov 06 | Oct 06 | Nov 05 |
| Louisiana Natural Gas ^D (\$/MMBTU) | 7.23 | 5.17 | 10.55 |
| NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU) | 7.15 | 4.20 | 13.83 |
| Louisiana Sweet Crude - St. James ^B (\$/Barrel) | 61.53 | 59.52 | 58.59 |
| BAKER HUGHES RIG COUNTS | Oct 06 | Sep 06 | Oct 05 |
| North Louisiana ^A | 58 | 57 | 51 |
| South Louisiana Inland Waters ^A | 19 | 20 | 19 |
| South Louisiana Inland ^A | 43 | 45 | 34 |
| Louisiana State Offshore | 2 | 2 | 5 |
| Louisiana Federal OCS Offshore | 70 | 76 | 68 |
| Total Louisiana ^A (OCS included) | 192 | 200 | 177 |
| PRODUCTION (State Jurisdiction Only) | Oct 06 | Sep 06 | Oct 05 |
| Louisiana Crude Oil & Condensate (MMB) | 6.1 ¹ | 6.1 | 4.7 ² |
| Louisiana Natural Gas & Casinghead (BCF) | 108.6 ¹ | 109.0 | 94.5 ² |
| DRILLING PERMITS (State Jurisdiction Only) | Oct 06 | Sep 06 | Oct 05 |
| Total Louisiana Oil and Gas | 165 | 186 | 155 |
| Louisiana Wildcats | 6 | 11 | 8 |
| Louisiana Offshore (Wildcats included) | 5 | 6 | 11 |
| | | | |