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## Market Settles

| NYMEX Settle Prices  | 11/16/18      | 11/15/18      | Change          |
|----------------------|---------------|---------------|-----------------|
| Nov-18               | \$3.185       | \$3.185       | \$0.000         |
| Dec-18               | \$4.272       | \$4.038       | \$0.234         |
| Jan-19               | \$4.291       | \$4.043       | \$0.248         |
| Feb-19               | \$4.148       | \$3.897       | \$0.251         |
| Mar-19               | \$3.865       | \$3.596       | \$0.269         |
| Apr-19               | \$2.793       | \$2.794       | \$(0.001)       |
| May-19               | \$2.667       | \$2.652       | \$0.015         |
| Jun-19               | \$2.692       | \$2.678       | \$0.014         |
| Jul-19               | \$2.724       | \$2.709       | \$0.015         |
| Aug-19               | \$2.719       | \$2.705       | \$0.014         |
| Sep-19               | \$2.693       | \$2.679       | \$0.014         |
| Oct-19               | \$2.711       | \$2.697       | \$0.014         |
| Nov-19               | \$2.755       | \$2.744       | \$0.011         |
| Dec-19               | \$2.901       | \$2.897       | \$0.004         |
| Jan-20               | \$3.015       | \$3.017       | \$(0.002)       |
| Feb-20               | \$2.956       | \$2.959       | \$(0.003)       |
| Mar-20               | \$2.798       | \$2.804       | \$(0.006)       |
| Apr-20               | \$2.500       | \$2.505       | \$(0.005)       |
| May-20               | \$2.466       | \$2.469       | \$(0.003)       |
| Jun-20               | \$2.515       | \$2.518       | \$(0.003)       |
| Jul-20               | \$2.565       | \$2.569       | \$(0.004)       |
| Aug-20               | \$2.575       | \$2.576       | \$(0.001)       |
| Sep-20               | \$2.561       | \$2.559       | \$0.002         |
| Oct-20               | \$2.579       | \$2.577       | \$0.002         |
| Nov-20               | \$2.644       | \$2.641       | \$0.003         |
| Dec-20               | \$2.807       | \$2.798       | \$0.009         |
| Jan-21               | \$2.907       | \$2.908       | \$(0.001)       |
| Feb-21               | \$2.862       | \$2.863       | \$(0.001)       |
| Mar-21               | \$2.742       | \$2.743       | \$(0.001)       |
| Apr-21               | \$2.497       | \$2.501       | \$(0.004)       |
| May-21               | \$2.465       | \$2.469       | \$(0.004)       |
| Jun-21               | \$2.495       | \$2.499       | \$(0.004)       |
| Jul-21               | \$2.528       | \$2.532       | \$(0.004)       |
| Aug-21               | \$2.542       | \$2.546       | \$(0.004)       |
| Sep-21               | \$2.535       | \$2.539       | \$(0.004)       |
| Oct-21               | \$2.558       | \$2.562       | \$(0.004)       |
| Nov-21               | \$2.622       | \$2.628       | \$(0.006)       |
| Dec-21               | \$2.772       | \$2.778       | \$(0.006)       |
| Jan-22               | \$2.882       | \$2.893       | \$(0.011)       |
| Feb-22               | \$2.838       | \$2.849       | \$(0.011)       |
| Mar-22               | \$2.753       | \$2.766       | \$(0.013)       |
| <b>NYMEX Liquids</b> | <b>Prompt</b> | <b>Q1 '19</b> | <b>12 Month</b> |
| Crude                | \$56.46       | \$56.88       | \$57.37         |

Data Source: New York Mercantile Exchange

|                     |                                 |          |
|---------------------|---------------------------------|----------|
| Prompt Month        | NYMEX December 2018 Natural Gas | 11/28/18 |
| Contract Expiration | NYMEX December 2018 Crude Oil   | 11/19/18 |

Data Source: New York Mercantile Exchange

| E.I.A. Storage Data - Next report: 11/21/18, 10:30 EDT, for week ending November 16, 2018 |                      |              |           |
|---|----------------------|--------------|-----------|
| Region  | Week Ended 11/9/2018 | Prior Week   | Change    |
| East  | 835                  | 831          | 4         |
| Midwest   | 991                  | 980          | 11        |
| Mountain  | 181                  | 182          | -1        |
| Pacific   | 266                  | 265          | 1         |
| South Central   | 974                  | 950          | 24        |
| <b>TOTAL</b>  | <b>3,247</b>         | <b>3,208</b> | <b>39</b> |
| Prior Year  | 3,775                | 3,788        | -13       |
| 5-year avg  | 3,848                | 3,829        | 19        |
| Current Year vs. Prior Year   | -528                 | -580         | 52        |
| Current Year vs. 5-yr Avg.  | -601                 | -621         | 20        |

| NYMEX Strips (\$/MMBtu)        | 11/16/18 | 11/15/18 | Change    |
|--------------------------------|----------|----------|-----------|
| 1-yr strip (Dec '18 - Nov '19) | \$3.194  | \$3.103  | \$0.092   |
| Balance 2018                   | \$4.272  | \$4.038  | \$0.234   |
| Q1 2019                        | \$4.101  | \$3.845  | \$0.256   |
| Q2 2019                        | \$2.717  | \$2.708  | \$0.009   |
| Q3 2019                        | \$2.712  | \$2.698  | \$0.014   |
| Q4 2019                        | \$2.789  | \$2.779  | \$0.010   |
| Q1 2020                        | \$2.923  | \$2.927  | \$(0.004) |
| Q2 2020                        | \$2.494  | \$2.497  | \$(0.004) |
| Q3 2020                        | \$2.567  | \$2.568  | \$(0.001) |
| Q4 2020                        | \$2.677  | \$2.672  | \$0.005   |
| Q1 2021                        | \$2.837  | \$2.838  | \$(0.001) |
| Q2 2021                        | \$2.486  | \$2.490  | \$(0.004) |
| Q3 2021                        | \$2.535  | \$2.539  | \$(0.004) |
| Q4 2021                        | \$2.651  | \$2.656  | \$(0.005) |
| Q1 2022                        | \$2.824  | \$2.836  | \$(0.012) |
| 12 month strip                 | \$3.194  | \$3.103  | \$0.092   |
| 24 month strip                 | \$2.934  | \$2.888  | \$0.045   |
| 36 month strip                 | \$2.832  | \$2.803  | \$0.029   |
| 48 month strip                 | \$2.783  | \$2.765  | \$0.019   |
| 60 month strip                 | \$2.760  | \$2.750  | \$0.010   |
| Calendar 2019                  | \$3.080  | \$3.008  | \$0.072   |
| Calendar 2020                  | \$2.665  | \$2.666  | \$(0.001) |
| Calendar 2021                  | \$2.627  | \$2.631  | \$(0.004) |
| Calendar 2022                  | \$2.636  | \$2.651  | \$(0.014) |
| Calendar 2023                  | \$2.672  | \$2.698  | \$(0.026) |
| Calendar 2024                  | \$2.763  | \$2.792  | \$(0.029) |

Data Source: New York Mercantile Exchange

## NYMEX CONTRACT EXPIRATIONS

|             | Natural Gas | Crude Oil |
|-------------|-------------|-----------|
| Jan 2019:   | 12/27/18    | 12/19/18  |
| Feb 2019:   | 1/29/19     | 1/22/19   |
| Mar 2019:   | 2/26/19     | 2/20/19   |
| April 2019: | 3/27/19     | 3/20/19   |
| May 2019:   | 4/26/19     | 4/22/19   |
| June 2019:  | 5/29/19     | 5/21/19   |
| July 2019:  | 6/26/19     | 6/20/19   |
| Aug 2019:   | 7/29/19     | 7/22/19   |
| Sep 2019:   | 8/28/19     | 8/20/19   |
| Oct 2019:   | 9/26/19     | 9/20/19   |
| Nov 2019:   | 10/29/19    | 10/22/19  |
| Dec 2019:   | 11/26/19    | 11/20/19  |

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