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## Market Settles

| NYMEX Settle Prices  | 8/14/18       | 8/13/18       | Change          |
|----------------------|---------------|---------------|-----------------|
| Sep-18               | \$2.959       | \$2.930       | \$0.029         |
| Oct-18               | \$2.966       | \$2.936       | \$0.030         |
| Nov-18               | \$3.002       | \$2.971       | \$0.031         |
| Dec-18               | \$3.092       | \$3.059       | \$0.033         |
| Jan-19               | \$3.176       | \$3.145       | \$0.031         |
| Feb-19               | \$3.138       | \$3.109       | \$0.029         |
| Mar-19               | \$3.032       | \$3.004       | \$0.028         |
| Apr-19               | \$2.713       | \$2.698       | \$0.015         |
| May-19               | \$2.678       | \$2.665       | \$0.013         |
| Jun-19               | \$2.704       | \$2.692       | \$0.012         |
| Jul-19               | \$2.733       | \$2.722       | \$0.011         |
| Aug-19               | \$2.738       | \$2.727       | \$0.011         |
| Sep-19               | \$2.722       | \$2.711       | \$0.011         |
| Oct-19               | \$2.739       | \$2.728       | \$0.011         |
| Nov-19               | \$2.786       | \$2.776       | \$0.010         |
| Dec-19               | \$2.908       | \$2.899       | \$0.009         |
| Jan-20               | \$3.002       | \$2.993       | \$0.009         |
| Feb-20               | \$2.959       | \$2.951       | \$0.008         |
| Mar-20               | \$2.846       | \$2.839       | \$0.007         |
| Apr-20               | \$2.546       | \$2.541       | \$0.005         |
| May-20               | \$2.506       | \$2.501       | \$0.005         |
| Jun-20               | \$2.531       | \$2.526       | \$0.005         |
| Jul-20               | \$2.558       | \$2.553       | \$0.005         |
| Aug-20               | \$2.565       | \$2.560       | \$0.005         |
| Sep-20               | \$2.549       | \$2.544       | \$0.005         |
| Oct-20               | \$2.566       | \$2.561       | \$0.005         |
| Nov-20               | \$2.622       | \$2.617       | \$0.005         |
| Dec-20               | \$2.752       | \$2.747       | \$0.005         |
| Jan-21               | \$2.856       | \$2.853       | \$0.003         |
| Feb-21               | \$2.821       | \$2.818       | \$0.003         |
| Mar-21               | \$2.732       | \$2.729       | \$0.003         |
| Apr-21               | \$2.492       | \$2.490       | \$0.002         |
| May-21               | \$2.460       | \$2.458       | \$0.002         |
| Jun-21               | \$2.488       | \$2.486       | \$0.002         |
| Jul-21               | \$2.518       | \$2.516       | \$0.002         |
| Aug-21               | \$2.531       | \$2.529       | \$0.002         |
| Sep-21               | \$2.528       | \$2.526       | \$0.002         |
| Oct-21               | \$2.553       | \$2.551       | \$0.002         |
| Nov-21               | \$2.615       | \$2.615       | \$0.000         |
| Dec-21               | \$2.751       | \$2.751       | \$0.000         |
| Jan-22               | \$2.857       | \$2.857       | \$0.000         |
| <b>NYMEX Liquids</b> | <b>Prompt</b> | <b>Q4 '18</b> | <b>12 Month</b> |
| Crude                | \$67.04       | \$66.01       | \$65.09         |

Data Source: New York Mercantile Exchange

|                     |                                  |         |
|---------------------|----------------------------------|---------|
| Prompt Month        | NYMEX September 2018 Natural Gas | 8/29/18 |
| Contract Expiration | NYMEX September 2018 Crude Oil   | 8/21/18 |

Data Source: New York Mercantile Exchange

| E.I.A. Storage Data - Next report: 8/16/18, 10:30 EDT, for week ending August 10, 2018 |                     |              |           |
|--|---------------------|--------------|-----------|
| Region   | Week Ended 8/3/2018 | Prior Week   | Change    |
| East   | 575                 | 552          | 23        |
| Midwest  | 579                 | 552          | 27        |
| Mountain   | 148                 | 146          | 2         |
| Pacific  | 245                 | 250          | -5        |
| South Central  | 807                 | 808          | -1        |
| <b>TOTAL</b>   | <b>2,354</b>        | <b>2,308</b> | <b>46</b> |
| Prior Year   | 3,025               | 2,978        | 47        |
| 5-year avg   | 2,926               | 2,830        | 96        |
| Current Year vs. Prior Year  | -671                | -670         | -1        |
| Current Year vs. 5-yr Avg.   | -572                | -522         | -50       |

| NYMEX Strips (\$/MMBtu)        | 8/14/18 | 8/13/18 | Change    |
|--------------------------------|---------|---------|-----------|
| 1-yr strip (Sep '18 - Aug '19) | \$2.911 | \$2.888 | \$0.023   |
| Balance 2018                   | \$3.005 | \$2.974 | \$0.031   |
|                                |         |         |           |
| Q4 2018                        | \$3.020 | \$2.989 | \$0.031   |
| Q1 2019                        | \$3.115 | \$3.086 | \$0.029   |
| Q2 2019                        | \$2.698 | \$2.685 | \$0.013   |
| Q3 2019                        | \$2.731 | \$2.720 | \$0.011   |
| Q4 2019                        | \$2.811 | \$2.801 | \$0.010   |
| Q1 2020                        | \$2.936 | \$2.928 | \$0.008   |
| Q2 2020                        | \$2.528 | \$2.523 | \$0.005   |
| Q3 2020                        | \$2.557 | \$2.552 | \$0.005   |
| Q4 2020                        | \$2.647 | \$2.642 | \$0.005   |
| Q1 2021                        | \$2.803 | \$2.800 | \$0.003   |
| Q2 2021                        | \$2.480 | \$2.478 | \$0.002   |
| Q3 2021                        | \$2.526 | \$2.524 | \$0.002   |
| Q4 2021                        | \$2.640 | \$2.639 | \$0.001   |
|                                |         |         |           |
| 12 month strip                 | \$2.911 | \$2.888 | \$0.023   |
| 24 month strip                 | \$2.817 | \$2.802 | \$0.015   |
| 36 month strip                 | \$2.750 | \$2.738 | \$0.011   |
| 48 month strip                 | \$2.718 | \$2.710 | \$0.009   |
| 60 month strip                 | \$2.709 | \$2.702 | \$0.007   |
|                                |         |         |           |
| Calendar 2019                  | \$2.839 | \$2.823 | \$0.016   |
| Calendar 2020                  | \$2.667 | \$2.661 | \$0.006   |
| Calendar 2021                  | \$2.612 | \$2.610 | \$0.002   |
| Calendar 2022                  | \$2.635 | \$2.634 | \$0.001   |
| Calendar 2023                  | \$2.694 | \$2.694 | \$(0.000) |
| Calendar 2024                  | \$2.764 | \$2.765 | \$(0.001) |

Data Source: New York Mercantile Exchange

## NYMEX CONTRACT EXPIRATIONS

|             | Natural Gas | Crude Oil |
|-------------|-------------|-----------|
| Jan 2018:   | 12/27/17    | 12/19/17  |
| Feb 2018:   | 1/29/18     | 1/22/18   |
| Mar 2018:   | 2/26/18     | 2/20/18   |
| April 2018: | 3/27/18     | 3/20/18   |
| May 2018:   | 4/26/18     | 4/20/18   |
| June 2018:  | 5/29/18     | 5/22/18   |
| July 2018:  | 6/27/18     | 6/20/18   |
| Aug 2018:   | 7/27/18     | 7/20/18   |
| Sep 2018:   | 8/29/18     | 8/21/18   |
| Oct 2018:   | 9/26/18     | 9/20/18   |
| Nov 2018:   | 10/29/18    | 10/22/18  |
| Dec 2018:   | 11/28/18    | 11/19/18  |

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