July 2013 Monthly Update
North Dakota Pipeline Authority
Justin J. Kringstad
July 15, 2013 - Bismarck, ND
## US Williston Basin Oil Production

<table>
<thead>
<tr>
<th>MONTH</th>
<th>ND</th>
<th>Eastern MT*</th>
<th>SD</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>738,041</td>
<td>70,442</td>
<td>4,617</td>
<td>813,100</td>
</tr>
<tr>
<td>February</td>
<td>779,149</td>
<td>71,796</td>
<td>4,891</td>
<td>855,836</td>
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<td>March</td>
<td>783,184</td>
<td>73,362</td>
<td>5,111</td>
<td>861,657</td>
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<tr>
<td>April</td>
<td>793,852</td>
<td>74,861</td>
<td>5,131</td>
<td>873,844</td>
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<tr>
<td>May</td>
<td>810,129</td>
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<tr>
<td>June</td>
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<tr>
<td>July</td>
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<tr>
<td>August</td>
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<tr>
<td>September</td>
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<tr>
<td>October</td>
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<tr>
<td>November</td>
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</tr>
<tr>
<td>December</td>
<td>--</td>
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</tbody>
</table>
Estimated Williston Basin Oil Transportation

- Estimated Pipeline Export: 23%
- Tesoro Refinery: 7%
- Truck to Canadian Pipelines: 1%
- Estimated Rail: 69%

May 2013
Estimated ND Rail Export Volumes

Barrels Per Day

Jun-08, Sep-08, Dec-08, Mar-09, Jun-09, Sep-09, Dec-09, Mar-10, Jun-10, Sep-10, Dec-10, Mar-11, Jun-11, Sep-11, Dec-11, Mar-12, Jun-12, Sep-12, Dec-12, Mar-13

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Crude Oil Prices – July 15, 2013

Cushing $105.12

Brent $108.24
WTI + $3.12
Oil Prices

![Chart showing Brent Oil Price and WTI Oil Price over time, with data from 1/4/2010 to 7/4/2013. The chart includes data from the EIA (Energy Information Administration).]
Solving the Flaring Challenge

GREEN – % of gas captured and sold
Red – % flared from wells with at least one mcf sold.
Blue – % flared from zero sales wells

Simple Terms
Red – Challenges on existing infrastructure
Blue – Lack of pipelines

Statewide

72% 15% 13%

May 2013 Data – Non-Confidential Wells
Capturing the 15% Faster Well Connections

First Time Gas Sales Per Month

Number of Wells

JJ Kringstad - North Dakota Pipeline Authority
ND Gas Gathering Statistics
Contact Information

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