

400 North Fourth Street  
Bismarck, ND 58501  
(701) 222-7900

February 26, 2009

RECEIVED

FEB 27 2009

REGISTRATION DIVISION

Executive Secretary  
North Dakota Public Service Commission  
State Capitol Building  
Bismarck, ND 58505-0480

Re: Case No. 11,006 (Therm Billing)  
Monthly Report – January 2009

Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc., herewith submits the following information, pursuant to the Ordering paragraphs one and two of the Order issued in the above-referenced docket, dated October 20, 1987:

1. Attachment A is a schedule showing the thermal billing factors by community that reflect the BTU values shown on Attachment B and were used for billing purposes in February 2009.
2. Attachment B consists of copies of the monthly Heating Value Test Reports received from our supplier for the month of January 2009. There is a report for each of the 16 thermal zones for the month.
3. Attachment C is a listing which states the type of measuring device in place at each zone.
4. Attachment D is a monthly list of the heating value data, by zone, for the most recent 12-month period and an average thereof. It is being provided pursuant to a Staff request.
5. Attachment E provides a brief explanation of the thermal variances, where applicable, for the month of January.

Please acknowledge receipt by stamping or initialing the duplicate copy of this letter attached hereto and returning the same in the enclosed self-addressed, stamped envelope. Should the Commission or its Staff have any comments or questions with respect to these reports, please call me.

Sincerely,



Tamie Aberle  
Pricing & Tariff Manager

MONTANA-DAKOTA UTILITIES CO.  
Therm Billing Factor  
FEB 2009

| Div Nbr | Off Code | City Name    | Heat Zone Nbr | Therm Billing Factor |
|---------|----------|--------------|---------------|----------------------|
| 12      | 314      | APPLE VALLEY | 271           | 1.0189               |
| 12      | 327      | BISMARCK     | 28            | .9919                |
| 12      | 343      | CARRINGTON   | 273           | 1.0189               |
| 12      | 344      | CLEVELAND    | 272           | 1.0118               |
| 12      | 364      | CAVALIER     | 273           | 1.0404               |
| 12      | 365      | DAWSON       | 271           | 1.0118               |
| 12      | 374      | FT TOTTEN    | 273           | 1.0261               |
| 12      | 375      | DEVILS LAKE  | 273           | 1.0261               |
| 12      | 379      | BARLOW       | 273           | 1.0189               |
| 12      | 387      | ELDRIDGE     | 272           | 1.0189               |
| 12      | 411      | GLEN ULLIN   | 31            | .9709                |
| 12      | 417      | GRAFTON      | 273           | 1.0476               |
| 12      | 439      | HANKINSON    | 600           | 1.0650               |
| 12      | 449      | JAMESTOWN    | 272           | 1.0261               |
| 12      | 463      | LANGDON      | 273           | 1.0189               |
| 12      | 475      | LINTON       | 802           | .9755                |
| 12      | 478      | LINCOLN      | 28            | .9919                |
| 12      | 494      | MEDINA       | 271           | 1.0118               |
| 12      | 498      | MANDAN       | 28            | .9919                |
| 12      | 524      | NEW SALEM    | 28            | .9709                |
| 12      | 532      | NEW ROCKFORD | 273           | 1.0189               |
| 12      | 539      | PARK RIVER   | 273           | 1.0404               |
| 12      | 574      | SANBORN      | 272           | 1.0261               |
| 12      | 593      | STEELE       | 271           | 1.0118               |
| 12      | 598      | SHEYENNE     | 273           | 1.0261               |
| 12      | 610      | TAPPEN       | 271           | 1.0118               |
| 12      | 625      | VALLEY CITY  | 272           | 1.0332               |
| 12      | 629      | WALHALLA     | 273           | 1.0404               |
| 12      | 647      | WILTON       | 262           | 1.0437               |
| 12      | 717      | SPIRITWOOD   | 272           | 1.0261               |
| 12      | 718      | FAIRMOUNT    | 600           | 1.0628               |
| 12      | 732      | MSR SITE     | 273           | 1.0189               |
| 12      | 733      | PAR SITE     | 273           | 1.0189               |
| 15      | 303      | ALEXANDER    | 25            | 1.0673               |
| 15      | 308      | ARNEGARD     | 25            | 1.0673               |

MONTANA-DAKOTA UTILITIES CO.  
 Therm Billing Factor  
 FEB 2009

| Div Nbr | Off Code | City Name      | Heat Zone Nbr | Therm Billing Factor |
|---------|----------|----------------|---------------|----------------------|
| 15      | 318      | BEACH          | 32            | .9491                |
| 15      | 319      | BELFIELD       | 32            | .9560                |
| 15      | 323      | BERTHOLD       | 262           | 1.0437               |
| 15      | 330      | BOWMAN         | 34            | 1.0714               |
| 15      | 337      | BURLINGTON     | 262           | 1.0662               |
| 15      | 368      | DES LACS       | 262           | 1.0512               |
| 15      | 369      | DICKINSON      | 31            | .9640                |
| 15      | 384      | EPPING         | 264           | 1.0937               |
| 15      | 407      | GLADSTONE      | 31            | .9640                |
| 15      | 413      | GOLVA          | 32            | .9352                |
| 15      | 416      | GARRISON       | 262           | 1.0512               |
| 15      | 429      | HEBRON         | 31            | .9709                |
| 15      | 459      | KILLDEER       | 33            | 1.0918               |
| 15      | 469      | LEFOR          | 31            | .9640                |
| 15      | 474      | LIGNITE        | 263           | 1.0493               |
| 15      | 500      | MARMARTH       | 34            | 1.0793               |
| 15      | 505      | MINOT          | 262           | 1.0662               |
| 15      | 510      | MOTT           | 31            | .9640                |
| 15      | 512      | MAX            | 262           | 1.0437               |
| 15      | 522      | NEW ENGLAND    | 31            | .9570                |
| 15      | 540      | PALERMO        | 262           | 1.0437               |
| 15      | 558      | RAY            | 264           | 1.0937               |
| 15      | 561      | REGENT         | 31            | .9640                |
| 15      | 563      | RHAME          | 34            | 1.0636               |
| 15      | 564      | RICHARDTON     | 31            | .9570                |
| 15      | 568      | ROSS           | 261           | 1.0333               |
| 15      | 572      | RUTHVILLE      | 262           | 1.0662               |
| 15      | 583      | SENTINEL BUTTE | 32            | .9491                |
| 15      | 588      | SOUTH HEART    | 31            | .9570                |
| 15      | 590      | SPRINGBROOK    | 264           | 1.0937               |
| 15      | 591      | STANLEY        | 261           | 1.0408               |
| 15      | 605      | SURREY         | 262           | 1.0662               |
| 15      | 611      | TAYLOR         | 31            | .9570                |
| 15      | 616      | TIOGA          | 261           | 1.0333               |
| 15      | 619      | TURTLE LAKE    | 262           | 1.0512               |

MONTANA-DAKOTA UTILITIES CO.  
Therm Billing Factor  
FEB 2009

| Div Nbr | Off Code | City Name    | Heat Zone Nbr | Therm Billing Factor |
|---------|----------|--------------|---------------|----------------------|
| 15      | 620      | TRENTON      | 24            | 1.1016               |
| 15      | 624      | UNDERWOOD    | 262           | 1.0512               |
| 15      | 632      | WATFORD CITY | 25            | 1.0673               |
| 15      | 636      | WHEELLOCK    | 264           | 1.0859               |
| 15      | 637      | WHITE EARTH  | 261           | 1.0408               |
| 15      | 642      | WILLISTON    | 24            | 1.1016               |
| 15      | 646      | WASHBURN     | 262           | 1.0587               |
| 15      | 664      | RIVERDALE    | 262           | 1.0512               |
| 15      | 691      | FAIRVIEW     | 24            | 1.1016               |
| 15      | 712      | MINOT AFB    | 262           | 1.0662               |
| 15      | 743      | BAKER FIELD  | 35            | .8935                |

\* \* \* E N D O F R E P O R T \* \* \*

**GQ Source Daily Summary**

January 2009

Number: 251

Name: SIDNEY BORDER

Pressure Base: 14.730

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2     | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8    | C9 | C10 | Wobbe   | Crittherm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----|---------|-----------|
| 1   | 0.6100           | 995.4             | 1013.0            |                      | 0.130 | 5.368 | 94.069 | 0.000  | 0.391 | 0.017 | 0.024 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1297.01 |           |
| 2   | 0.6100           | 983.6             | 1001.0            |                      | 0.130 | 5.368 | 94.069 | 0.000  | 0.391 | 0.017 | 0.024 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1281.65 |           |
| 3   | 0.6100           | 1000.3            | 1018.0            |                      | 0.130 | 5.368 | 94.069 | 0.000  | 0.391 | 0.017 | 0.024 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1303.42 |           |
| 4   | 0.6100           | 1008.1            | 1026.0            |                      | 0.130 | 5.368 | 94.069 | 0.000  | 0.391 | 0.017 | 0.024 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1313.66 |           |
| 5   | 0.6100           | 1000.3            | 1018.0            |                      | 0.130 | 5.368 | 94.069 | 0.000  | 0.391 | 0.017 | 0.024 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1303.42 |           |
| 6   | 0.6200           | 1006.2            | 1024.0            |                      | 0.130 | 5.368 | 94.069 | 0.000  | 0.391 | 0.017 | 0.024 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1303.42 |           |
| 7   | 0.6176           | 1011.1            | 1029.0            |                      | 0.105 | 4.876 | 88.248 | 6.309  | 0.446 | 0.008 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1300.48 |           |
| 8   | 0.6077           | 994.3             | 1011.9            |                      | 0.110 | 4.965 | 88.881 | 5.684  | 0.350 | 0.006 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1309.46 |           |
| 9   | 0.6135           | 1005.0            | 1022.8            |                      | 0.104 | 4.874 | 87.825 | 6.705  | 0.479 | 0.007 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1298.05 |           |
| 10  | 0.6100           | 997.7             | 1015.4            |                      | 0.108 | 4.979 | 88.440 | 6.075  | 0.388 | 0.006 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1300.09 |           |
| 11  | 0.6133           | 1002.9            | 1020.7            |                      | 0.106 | 4.980 | 87.817 | 6.639  | 0.447 | 0.006 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1303.24 |           |
| 12  | 0.6169           | 1010.2            | 1028.1            |                      | 0.101 | 4.882 | 87.093 | 7.459  | 0.454 | 0.006 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1308.84 |           |
| 13  | 0.6060           | 989.3             | 1006.8            |                      | 0.112 | 5.110 | 89.182 | 5.261  | 0.327 | 0.005 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1293.34 |           |
| 14  | 0.6353           | 1045.0            | 1063.5            |                      | 0.081 | 4.520 | 83.660 | 10.996 | 0.729 | 0.008 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1333.17 |           |
| 15  | 0.6091           | 995.8             | 1013.4            |                      | 0.108 | 5.014 | 88.580 | 5.929  | 0.359 | 0.005 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1298.38 |           |
| 16  | 0.6056           | 988.6             | 1006.1            |                      | 0.113 | 5.109 | 89.256 | 5.202  | 0.311 | 0.006 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1292.91 |           |
| 17  | 0.6078           | 992.7             | 1010.3            |                      | 0.111 | 5.076 | 88.823 | 5.638  | 0.342 | 0.006 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1295.85 |           |
| 18  | 0.6147           | 1005.6            | 1023.4            |                      | 0.104 | 4.948 | 87.512 | 6.998  | 0.426 | 0.007 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1305.28 |           |
| 19  | 0.6165           | 1009.1            | 1027.0            |                      | 0.103 | 4.901 | 87.222 | 7.279  | 0.482 | 0.007 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1307.95 |           |
| 20  | 0.6244           | 1020.7            | 1038.7            |                      | 0.156 | 4.866 | 85.885 | 8.387  | 0.667 | 0.016 | 0.021 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 |    |     | 1314.11 |           |
| 21  | 0.6137           | 1003.7            | 1021.5            |                      | 0.103 | 4.975 | 87.691 | 6.815  | 0.404 | 0.007 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1303.70 |           |
| 22  | 0.6145           | 1004.6            | 1022.4            |                      | 0.104 | 4.991 | 87.543 | 6.933  | 0.413 | 0.006 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1304.08 |           |
| 23  | 0.6164           | 1007.1            | 1025.0            |                      | 0.101 | 5.022 | 87.135 | 7.318  | 0.417 | 0.006 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1305.47 |           |
| 24  | 0.6034           | 983.1             | 1000.5            |                      | 0.117 | 5.235 | 89.647 | 4.718  | 0.275 | 0.005 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1288.03 |           |
| 25  | 0.6016           | 987.9             | 1005.4            |                      | 0.310 | 4.479 | 90.458 | 4.383  | 0.319 | 0.022 | 0.018 | 0.004 | 0.002 | 0.003 | 0.000 | 0.000 |    |     | 1296.19 |           |
| 26  | 0.6130           | 1009.7            | 1027.6            |                      | 0.299 | 4.242 | 88.258 | 6.721  | 0.433 | 0.020 | 0.017 | 0.004 | 0.002 | 0.005 | 0.000 | 0.000 |    |     | 1312.40 |           |
| 27  | 0.6184           | 1019.9            | 1037.9            |                      | 0.286 | 4.146 | 87.192 | 7.852  | 0.486 | 0.016 | 0.013 | 0.004 | 0.001 | 0.004 | 0.000 | 0.000 |    |     | 1319.89 |           |
| 28  | 0.6036           | 987.4             | 1004.9            |                      | 0.124 | 4.981 | 89.705 | 4.857  | 0.321 | 0.006 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1293.33 |           |
| 29  | 0.6251           | 1027.8            | 1046.0            |                      | 0.092 | 4.590 | 85.559 | 9.198  | 0.548 | 0.007 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1322.31 |           |
| 30  | 0.6049           | 988.6             | 1006.1            |                      | 0.114 | 5.043 | 89.441 | 5.051  | 0.340 | 0.006 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1293.60 |           |
| 31  | 0.6150           | 1009.0            | 1026.9            |                      | 0.102 | 4.769 | 87.514 | 7.148  | 0.453 | 0.008 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1309.39 |           |
| Avg | 0.6128           | 1003.0            | 1020.7            |                      | 0.131 | 4.961 | 89.128 | 5.340  | 0.418 | 0.010 | 0.010 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |    |     | 1303.69 |           |

*Zone 2/11*

## Williston Basin Interstate Pipeline Co. GQ Source Analysis

|                     |                      |                       |         |
|---------------------|----------------------|-----------------------|---------|
| GQ Source Number:   | 0602330              | Specific Gravity:     | 0.7002  |
| GQ Source Name:     | WILLISTON BORDER     | BTU Base:             | Dry     |
| Effective Date:     | 1/10/2009 9:00:00 AM | Dry Heat Value:       | 1157.57 |
| Effective End Date: | 1/18/2038 9:14:07 PM | Wet Heat Value:       | 1137.43 |
| Pressure Base:      | 14.730               | As Deliv. Heat Value: | 1157.57 |
| Viscosity:          |                      |                       |         |

|               |                  | <u>Mol %</u> | <u>Imported<br/>GPM</u> | <u>Calculated<br/>GPM</u> |
|---------------|------------------|--------------|-------------------------|---------------------------|
| C1            | Methane          | 73.526       |                         |                           |
| C2            | Ethane           | 18.580       |                         | 4.954                     |
| C3            | Propane          | 2.854        | 0.784                   | 0.784                     |
| IC4           | Iso-Butane       | 0.109        | 0.036                   | 0.036                     |
| NC4           | N-Butane         | 0.195        | 0.061                   | 0.061                     |
| IC5           | Iso-Pentane      | 0.011        | 0.004                   | 0.004                     |
| NC5           | N-Pentane        | 0.009        | 0.003                   | 0.003                     |
| C6+           | Hexanes Plus     | 0.000        | 0.000                   | 0.000                     |
| CO2           | Carbon Dioxide   | 0.689        |                         |                           |
| N2            | Nitrogen         | 4.026        |                         |                           |
| O2            | Oxygen           | 0.000        |                         |                           |
| HE            | Helium           |              |                         |                           |
| H2            | Hydrogen         |              |                         |                           |
| H2S           | Hydrogen Sulfide |              |                         |                           |
| <b>Totals</b> |                  | 99.999       | 0.888                   | 5.842                     |

Sample Date: 12/31/2008 12:00:00 AM  
 Sample Type: Composite  
 Sample Tech: sampler

Sample Remarks: Zone 24 #264

Analysis Remarks:

## Williston Basin Interstate Pipeline Co. GQ Source Analysis

|                     |                      |                       |         |
|---------------------|----------------------|-----------------------|---------|
| GQ Source Number:   | 0602230              | Specific Gravity:     | 0.7301  |
| GQ Source Name:     | WATFORD CITY BORDER  | BTU Base:             | Dry     |
| Effective Date:     | 1/10/2009 9:00:00 AM | Dry Heat Value:       | 1130.27 |
| Effective End Date: | 1/18/2038 9:14:07 PM | Wet Heat Value:       | 1110.60 |
| Pressure Base:      | 14.730               | As Deliv. Heat Value: | 1130.27 |
| Viscosity:          |                      |                       |         |

|               |                  | <u>Mol %</u> | <u>Imported<br/>GPM</u> | <u>Calculated<br/>GPM</u> |
|---------------|------------------|--------------|-------------------------|---------------------------|
| C1            | Methane          | 68.265       |                         |                           |
| C2            | Ethane           | 18.210       |                         | 4.856                     |
| C3            | Propane          | 3.761        | 1.033                   | 1.033                     |
| IC4           | Iso-Butane       | 0.195        | 0.064                   | 0.064                     |
| NC4           | N-Butane         | 0.358        | 0.113                   | 0.113                     |
| IC5           | Iso-Pentane      | 0.028        | 0.010                   | 0.010                     |
| NC5           | N-Pentane        | 0.026        | 0.009                   | 0.009                     |
| C6+           | Hexanes Plus     | 0.006        | 0.003                   | 0.002                     |
| CO2           | Carbon Dioxide   | 0.733        |                         |                           |
| N2            | Nitrogen         | 8.416        |                         |                           |
| O2            | Oxygen           | 0.000        |                         |                           |
| HE            | Helium           |              |                         |                           |
| H2            | Hydrogen         |              |                         |                           |
| H2S           | Hydrogen Sulfide |              |                         |                           |
| <b>Totals</b> |                  | 99.998       | 1.232                   | 6.087                     |

Sample Date: 12/31/2008 12:00:00 AM  
Sample Type: Composite  
Sample Tech: sampler  
Sample Remarks: Zone 25

Analysis Remarks:

**GQ Source Daily Summary**

January 2009

Number: 163

Name: NORTH TIOGA MINOT

Pressure Base: 14.730

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2     | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7 | C8 | C9 | C10 | Wobbe   | Crit'therm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|----|----|----|-----|---------|------------|
| 1   | 0.6595           | 1088.6            | 1107.9            |                      | 0.297 | 3.808 | 79.673 | 14.935 | 1.160 | 0.043 | 0.072 | 0.004 | 0.003 | 0.005 |    |    |    |     | 1364.28 |            |
| 2   | 0.6581           | 1084.4            | 1103.6            |                      | 0.320 | 3.897 | 80.084 | 14.322 | 1.229 | 0.050 | 0.086 | 0.005 | 0.004 | 0.005 |    |    |    |     | 1360.45 |            |
| 3   | 0.6541           | 1077.7            | 1096.8            |                      | 0.309 | 3.947 | 80.745 | 13.745 | 1.115 | 0.046 | 0.081 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1356.16 |            |
| 4   | 0.6582           | 1086.0            | 1105.2            |                      | 0.331 | 3.795 | 80.129 | 14.348 | 1.228 | 0.056 | 0.097 | 0.006 | 0.004 | 0.005 |    |    |    |     | 1362.29 |            |
| 5   | 0.6611           | 1091.8            | 1111.2            |                      | 0.371 | 3.655 | 79.555 | 15.038 | 1.232 | 0.051 | 0.082 | 0.006 | 0.004 | 0.005 |    |    |    |     | 1366.58 |            |
| 6   | 0.6610           | 1085.8            | 1105.0            |                      | 0.385 | 3.988 | 79.507 | 14.754 | 1.241 | 0.043 | 0.072 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1359.18 |            |
| 7   | 0.6574           | 1078.4            | 1097.5            |                      | 0.378 | 4.110 | 80.146 | 14.060 | 1.184 | 0.041 | 0.070 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1353.65 |            |
| 8   | 0.6583           | 1081.1            | 1100.3            |                      | 0.374 | 4.042 | 79.944 | 14.341 | 1.183 | 0.040 | 0.067 | 0.003 | 0.002 | 0.004 |    |    |    |     | 1356.02 |            |
| 9   | 0.6580           | 1080.6            | 1099.8            |                      | 0.367 | 4.052 | 79.981 | 14.319 | 1.170 | 0.038 | 0.064 | 0.003 | 0.002 | 0.004 |    |    |    |     | 1355.76 |            |
| 10  | 0.6577           | 1079.8            | 1099.0            |                      | 0.358 | 4.080 | 80.063 | 14.200 | 1.188 | 0.038 | 0.064 | 0.003 | 0.002 | 0.005 |    |    |    |     | 1355.13 |            |
| 11  | 0.6585           | 1080.7            | 1099.9            |                      | 0.365 | 4.090 | 79.907 | 14.340 | 1.178 | 0.040 | 0.069 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1355.43 |            |
| 12  | 0.6588           | 1081.5            | 1100.6            |                      | 0.365 | 4.072 | 79.819 | 14.470 | 1.161 | 0.038 | 0.065 | 0.003 | 0.003 | 0.004 |    |    |    |     | 1356.07 |            |
| 13  | 0.6594           | 1082.7            | 1101.9            |                      | 0.367 | 4.057 | 79.679 | 14.634 | 1.152 | 0.039 | 0.064 | 0.003 | 0.002 | 0.003 |    |    |    |     | 1356.92 |            |
| 14  | 0.6564           | 1076.7            | 1095.7            |                      | 0.365 | 4.147 | 80.366 | 13.802 | 1.175 | 0.048 | 0.085 | 0.005 | 0.005 | 0.003 |    |    |    |     | 1352.42 |            |
| 15  | 0.6671           | 1097.4            | 1116.8            |                      | 0.370 | 3.876 | 78.282 | 16.077 | 1.279 | 0.040 | 0.067 | 0.003 | 0.002 | 0.004 |    |    |    |     | 1367.43 |            |
| 16  | 0.6536           | 1072.9            | 1091.9            |                      | 0.362 | 4.122 | 80.763 | 13.562 | 1.086 | 0.036 | 0.060 | 0.003 | 0.002 | 0.004 |    |    |    |     | 1350.50 |            |
| 17  | 0.6546           | 1074.6            | 1093.7            |                      | 0.355 | 4.114 | 80.608 | 13.693 | 1.122 | 0.038 | 0.062 | 0.003 | 0.002 | 0.003 |    |    |    |     | 1351.75 |            |
| 18  | 0.6558           | 1077.0            | 1096.0            |                      | 0.356 | 4.082 | 80.413 | 13.885 | 1.148 | 0.040 | 0.067 | 0.003 | 0.002 | 0.004 |    |    |    |     | 1353.46 |            |
| 19  | 0.6595           | 1083.4            | 1102.6            |                      | 0.363 | 4.033 | 79.778 | 14.456 | 1.237 | 0.045 | 0.076 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1357.63 |            |
| 20  | 0.6627           | 1090.7            | 1110.1            |                      | 0.345 | 3.908 | 79.177 | 15.162 | 1.272 | 0.046 | 0.078 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1363.61 |            |
| 21  | 0.6612           | 1086.9            | 1106.1            |                      | 0.356 | 3.984 | 79.484 | 14.771 | 1.272 | 0.046 | 0.078 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1360.34 |            |
| 22  | 0.6603           | 1084.4            | 1103.6            |                      | 0.367 | 4.031 | 79.687 | 14.501 | 1.275 | 0.047 | 0.081 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1358.19 |            |
| 23  | 0.6587           | 1084.9            | 1104.1            |                      | 0.301 | 3.955 | 79.785 | 14.701 | 1.131 | 0.043 | 0.074 | 0.004 | 0.003 | 0.003 |    |    |    |     | 1360.42 |            |
| 24  | 0.6561           | 1080.2            | 1099.4            |                      | 0.300 | 3.997 | 80.303 | 14.156 | 1.111 | 0.044 | 0.078 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1357.24 |            |
| 25  | 0.6528           | 1074.5            | 1093.6            |                      | 0.318 | 4.002 | 80.961 | 13.515 | 1.074 | 0.044 | 0.076 | 0.004 | 0.003 | 0.003 |    |    |    |     | 1353.53 |            |
| 26  | 0.6553           | 1081.6            | 1100.8            |                      | 0.355 | 3.747 | 80.719 | 13.833 | 1.173 | 0.057 | 0.100 | 0.007 | 0.005 | 0.004 |    |    |    |     | 1359.88 |            |
| 27  | 0.6569           | 1083.5            | 1102.7            |                      | 0.370 | 3.762 | 80.301 | 14.282 | 1.142 | 0.048 | 0.081 | 0.005 | 0.004 | 0.005 |    |    |    |     | 1360.57 |            |
| 28  | 0.6590           | 1085.5            | 1104.8            |                      | 0.328 | 3.900 | 79.840 | 14.610 | 1.185 | 0.045 | 0.079 | 0.005 | 0.003 | 0.004 |    |    |    |     | 1360.93 |            |
| 29  | 0.6540           | 1078.3            | 1097.4            |                      | 0.279 | 3.953 | 80.711 | 13.823 | 1.095 | 0.045 | 0.081 | 0.004 | 0.004 | 0.005 |    |    |    |     | 1356.93 |            |
| 30  | 0.6598           | 1085.5            | 1104.8            |                      | 0.327 | 3.977 | 79.577 | 14.868 | 1.136 | 0.037 | 0.065 | 0.003 | 0.003 | 0.006 |    |    |    |     | 1360.12 |            |
| 31  | 0.6540           | 1078.1            | 1097.2            |                      | 0.291 | 3.949 | 80.443 | 14.306 | 0.925 | 0.029 | 0.048 | 0.002 | 0.001 | 0.006 |    |    |    |     | 1356.68 |            |
| Av9 | 0.6580           | 1082.0            | 1101.6            |                      | 0.345 | 3.972 | 80.014 | 14.371 | 1.170 | 0.043 | 0.074 | 0.004 | 0.003 | 0.004 |    |    |    |     | 1358.05 |            |

*Zone 261*

**GQ Source Daily Summary**

January 2009

Number: 091  
Name: MINOT

Pressure Base: 14.730  
Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2     | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8 | C9 | C10 | Wobbe   | Crittherm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|---------|-----------|
| 1   | 0.6714           | 1088.5            | 1107.8            |                      | 0.361 | 4.841 | 77.493 | 15.680 | 1.482 | 0.050 | 0.085 | 0.000 | 0.000 | 0.008 | 0.000 |    |    |     | 1351.94 |           |
| 2   | 0.6677           | 1086.7            | 1106.0            |                      | 0.355 | 4.609 | 78.242 | 15.212 | 1.435 | 0.051 | 0.088 | 0.000 | 0.000 | 0.009 | 0.000 |    |    |     | 1353.51 |           |
| 3   | 0.6651           | 1082.0            | 1101.2            |                      | 0.363 | 4.643 | 78.664 | 14.837 | 1.356 | 0.048 | 0.082 | 0.000 | 0.000 | 0.006 | 0.000 |    |    |     | 1350.22 |           |
| 4   | 0.6666           | 1084.5            | 1103.7            |                      | 0.364 | 4.622 | 78.599 | 14.741 | 1.500 | 0.060 | 0.105 | 0.002 | 0.000 | 0.007 | 0.000 |    |    |     | 1351.89 |           |
| 5   | 0.6678           | 1089.7            | 1109.0            |                      | 0.402 | 4.363 | 78.402 | 15.190 | 1.469 | 0.060 | 0.099 | 0.004 | 0.000 | 0.010 | 0.000 |    |    |     | 1357.10 |           |
| 6   | 0.6698           | 1085.9            | 1105.1            |                      | 0.408 | 4.774 | 77.965 | 15.158 | 1.541 | 0.054 | 0.091 | 0.001 | 0.000 | 0.009 | 0.000 |    |    |     | 1350.36 |           |
| 7   | 0.6724           | 1087.4            | 1106.6            |                      | 0.445 | 4.874 | 77.546 | 15.342 | 1.629 | 0.055 | 0.097 | 0.004 | 0.000 | 0.008 | 0.000 |    |    |     | 1349.52 |           |
| 8   | 0.6722           | 1085.0            | 1104.3            |                      | 0.423 | 5.032 | 77.513 | 15.262 | 1.618 | 0.054 | 0.090 | 0.000 | 0.000 | 0.008 | 0.000 |    |    |     | 1346.84 |           |
| 9   | 0.6711           | 1082.3            | 1101.5            |                      | 0.429 | 5.086 | 77.735 | 14.978 | 1.623 | 0.052 | 0.089 | 0.000 | 0.000 | 0.008 | 0.000 |    |    |     | 1344.57 |           |
| 10  | 0.6695           | 1083.6            | 1102.8            |                      | 0.412 | 4.880 | 77.997 | 15.015 | 1.554 | 0.049 | 0.082 | 0.000 | 0.000 | 0.010 | 0.000 |    |    |     | 1347.81 |           |
| 11  | 0.6682           | 1082.6            | 1101.8            |                      | 0.405 | 4.827 | 78.283 | 14.777 | 1.563 | 0.051 | 0.086 | 0.000 | 0.000 | 0.009 | 0.000 |    |    |     | 1347.91 |           |
| 12  | 0.6706           | 1084.5            | 1103.7            |                      | 0.421 | 4.919 | 77.780 | 15.182 | 1.548 | 0.052 | 0.090 | 0.000 | 0.000 | 0.008 | 0.000 |    |    |     | 1347.75 |           |
| 13  | 0.6694           | 1083.2            | 1102.4            |                      | 0.411 | 4.898 | 77.884 | 15.221 | 1.460 | 0.045 | 0.075 | 0.000 | 0.000 | 0.006 | 0.000 |    |    |     | 1347.40 |           |
| 14  | 0.6669           | 1080.9            | 1100.1            |                      | 0.411 | 4.804 | 78.507 | 14.621 | 1.498 | 0.054 | 0.095 | 0.002 | 0.002 | 0.004 | 0.000 |    |    |     | 1347.04 |           |
| 15  | 0.6719           | 1088.8            | 1108.1            |                      | 0.415 | 4.786 | 77.551 | 15.530 | 1.572 | 0.050 | 0.085 | 0.000 | 0.000 | 0.010 | 0.000 |    |    |     | 1351.74 |           |
| 16  | 0.6672           | 1084.1            | 1103.3            |                      | 0.399 | 4.653 | 78.499 | 14.755 | 1.541 | 0.052 | 0.091 | 0.000 | 0.000 | 0.009 | 0.000 |    |    |     | 1350.74 |           |
| 17  | 0.6603           | 1074.9            | 1093.9            |                      | 0.390 | 4.581 | 79.678 | 13.866 | 1.356 | 0.046 | 0.075 | 0.000 | 0.000 | 0.008 | 0.000 |    |    |     | 1346.21 |           |
| 18  | 0.6665           | 1081.3            | 1100.5            |                      | 0.401 | 4.748 | 78.716 | 14.376 | 1.591 | 0.058 | 0.101 | 0.000 | 0.000 | 0.007 | 0.000 |    |    |     | 1348.03 |           |
| 19  | 0.6690           | 1085.7            | 1104.9            |                      | 0.395 | 4.729 | 78.201 | 14.916 | 1.593 | 0.058 | 0.100 | 0.000 | 0.000 | 0.008 | 0.000 |    |    |     | 1350.91 |           |
| 20  | 0.6696           | 1086.7            | 1105.9            |                      | 0.394 | 4.727 | 78.150 | 14.902 | 1.652 | 0.060 | 0.105 | 0.001 | 0.000 | 0.008 | 0.000 |    |    |     | 1351.52 |           |
| 21  | 0.6756           | 1095.8            | 1115.2            |                      | 0.420 | 4.693 | 77.187 | 15.674 | 1.824 | 0.068 | 0.121 | 0.003 | 0.001 | 0.008 | 0.000 |    |    |     | 1356.83 |           |
| 22  | 0.6724           | 1091.1            | 1110.4            |                      | 0.413 | 4.701 | 77.644 | 15.363 | 1.697 | 0.062 | 0.109 | 0.001 | 0.000 | 0.008 | 0.000 |    |    |     | 1354.06 |           |
| 23  | 0.6684           | 1086.4            | 1105.7            |                      | 0.372 | 4.667 | 78.183 | 15.124 | 1.501 | 0.053 | 0.093 | 0.001 | 0.000 | 0.007 | 0.000 |    |    |     | 1352.39 |           |
| 24  | 0.6650           | 1084.1            | 1103.3            |                      | 0.337 | 4.546 | 78.772 | 14.782 | 1.403 | 0.053 | 0.097 | 0.001 | 0.000 | 0.007 | 0.000 |    |    |     | 1352.88 |           |
| 25  | 0.6628           | 1077.8            | 1096.9            |                      | 0.354 | 4.694 | 79.194 | 14.206 | 1.406 | 0.051 | 0.090 | 0.000 | 0.000 | 0.006 | 0.000 |    |    |     | 1347.30 |           |
| 26  | 0.6648           | 1081.0            | 1100.1            |                      | 0.403 | 4.608 | 79.109 | 14.136 | 1.541 | 0.068 | 0.122 | 0.004 | 0.003 | 0.006 | 0.000 |    |    |     | 1349.30 |           |
| 27  | 0.6732           | 1097.1            | 1116.5            |                      | 0.356 | 4.489 | 77.408 | 15.968 | 1.573 | 0.067 | 0.124 | 0.004 | 0.000 | 0.010 | 0.000 |    |    |     | 1360.81 |           |
| 28  | 0.6708           | 1088.9            | 1108.1            |                      | 0.396 | 4.709 | 77.876 | 15.228 | 1.610 | 0.062 | 0.108 | 0.003 | 0.000 | 0.009 | 0.000 |    |    |     | 1352.99 |           |
| 29  | 0.6652           | 1084.4            | 1103.6            |                      | 0.348 | 4.526 | 78.905 | 14.522 | 1.519 | 0.060 | 0.109 | 0.002 | 0.000 | 0.009 | 0.000 |    |    |     | 1353.13 |           |
| 30  | 0.6634           | 1084.7            | 1103.9            |                      | 0.317 | 4.382 | 78.980 | 14.897 | 1.277 | 0.048 | 0.085 | 0.001 | 0.001 | 0.012 | 0.000 |    |    |     | 1355.36 |           |
| 31  | 0.6700           | 1085.7            | 1104.9            |                      | 0.360 | 4.885 | 77.803 | 15.298 | 1.502 | 0.052 | 0.089 | 0.001 | 0.000 | 0.009 | 0.000 |    |    |     | 1349.79 |           |
| AVG | 0.6685           | 1085.0            | 1104.6            |                      | 0.390 | 4.719 | 78.209 | 14.992 | 1.530 | 0.055 | 0.095 | 0.001 | 0.000 | 0.008 | 0.000 |    |    |     | 1350.90 |           |

*Zone 262*

## Williston Basin Interstate Pipeline Co. GQ Source Analysis

|                            |                      |                              |         |
|----------------------------|----------------------|------------------------------|---------|
| <b>GQ Source Number:</b>   | 2501030              | <b>Specific Gravity:</b>     | 0.6464  |
| <b>GQ Source Name:</b>     | LIGNITE PLANT        | <b>BTU Base:</b>             | Dry     |
| <b>Effective Date:</b>     | 1/10/2009 9:00:00 AM | <b>Dry Heat Value:</b>       | 1102.76 |
| <b>Effective End Date:</b> | 1/18/2038 9:14:07 PM | <b>Wet Heat Value:</b>       | 1083.57 |
| <b>Pressure Base:</b>      | 14.730               | <b>As Deliv. Heat Value:</b> | 1102.76 |
| <b>Viscosity:</b>          |                      |                              |         |

|               |                  | <u>Mol %</u> | <u>Imported<br/>GPM</u> | <u>Calculated<br/>GPM</u> |
|---------------|------------------|--------------|-------------------------|---------------------------|
| C1            | Methane          | 81.590       |                         |                           |
| C2            | Ethane           | 14.483       | 0.000                   | 3.862                     |
| C3            | Propane          | 0.625        | 0.172                   | 0.172                     |
| IC4           | Iso-Butane       | 0.002        | 0.001                   | 0.001                     |
| NC4           | N-Butane         | 0.002        | 0.001                   | 0.001                     |
| IC5           | Iso-Pentane      | 0.002        | 0.001                   | 0.001                     |
| NC5           | N-Pentane        | 0.002        | 0.001                   | 0.001                     |
| C6+           | Hexanes Plus     | 0.043        | 0.020                   | 0.018                     |
| CO2           | Carbon Dioxide   | 0.119        |                         |                           |
| N2            | Nitrogen         | 3.121        |                         |                           |
| O2            | Oxygen           | 0.000        |                         |                           |
| HE            | Helium           |              |                         |                           |
| H2            | Hydrogen         |              |                         |                           |
| H2S           | Hydrogen Sulfide |              |                         |                           |
| <b>Totals</b> |                  | 99.989       | 0.194                   | 4.054                     |

**Sample Date:** 12/21/2008 12:00:00 AM  
**Sample Type:** Composite  
**Sample Tech:** sampler  
**Sample Remarks:** Zone 263

**Analysis Remarks:**

**GQ Source Daily Summary**

January 2009

Number: 043

Pressure Base: 14.730

Name: BISMARCK PLANT CLEVELAND PLANT

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2    | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8 | C9 | C10 | Wobbe   | Critherm |  |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|---------|----------|--|
| 1   | 0.6294           | 1033.6            | 1051.9            | 1057.4               | 0.743 | 3.640 | 86.252 | 8.246 | 0.938 | 0.060 | 0.079 | 0.013 | 0.009 | 0.019 | 0.000 |    |    |     | 1326.00 |          |  |
| 2   | 0.6325           | 1039.0            | 1057.4            | 1058.5               | 0.672 | 3.710 | 85.596 | 8.843 | 0.997 | 0.082 | 0.079 | 0.013 | 0.009 | 0.018 | 0.000 |    |    |     | 1329.63 |          |  |
| 3   | 0.6302           | 1040.1            | 1058.5            | 1044.9               | 0.586 | 3.564 | 86.069 | 8.555 | 1.016 | 0.077 | 0.088 | 0.016 | 0.010 | 0.018 | 0.000 |    |    |     | 1333.36 |          |  |
| 4   | 0.6217           | 1026.7            | 1044.9            | 1058.1               | 0.691 | 3.419 | 87.825 | 6.957 | 0.901 | 0.075 | 0.083 | 0.017 | 0.012 | 0.020 | 0.000 |    |    |     | 1325.21 |          |  |
| 5   | 0.6315           | 1039.7            | 1058.1            | 1064.5               | 0.645 | 3.621 | 85.838 | 8.684 | 1.014 | 0.070 | 0.088 | 0.014 | 0.010 | 0.018 | 0.000 |    |    |     | 1331.48 |          |  |
| 6   | 0.6352           | 1046.0            | 1064.5            | 1058.7               | 0.659 | 3.548 | 85.181 | 9.328 | 1.067 | 0.072 | 0.090 | 0.015 | 0.010 | 0.019 | 0.000 |    |    |     | 1335.65 |          |  |
| 7   | 0.6329           | 1040.2            | 1058.7            | 1054.6               | 0.680 | 3.663 | 85.628 | 8.771 | 1.058 | 0.070 | 0.087 | 0.015 | 0.010 | 0.019 | 0.000 |    |    |     | 1330.75 |          |  |
| 8   | 0.6286           | 1036.3            | 1054.6            | 1055.2               | 0.646 | 3.573 | 86.369 | 8.166 | 1.032 | 0.077 | 0.092 | 0.017 | 0.012 | 0.019 | 0.000 |    |    |     | 1330.17 |          |  |
| 9   | 0.6292           | 1036.8            | 1055.2            | 1056.2               | 0.657 | 3.708 | 85.891 | 8.481 | 1.066 | 0.071 | 0.087 | 0.016 | 0.011 | 0.020 | 0.000 |    |    |     | 1330.28 |          |  |
| 10  | 0.6314           | 1037.8            | 1056.2            | 1059.9               | 0.654 | 3.695 | 85.460 | 8.915 | 1.082 | 0.070 | 0.084 | 0.014 | 0.009 | 0.018 | 0.000 |    |    |     | 1329.19 |          |  |
| 11  | 0.6336           | 1041.5            | 1059.9            | 1053.8               | 0.653 | 3.609 | 86.077 | 8.340 | 1.090 | 0.082 | 0.099 | 0.019 | 0.012 | 0.020 | 0.000 |    |    |     | 1331.08 |          |  |
| 12  | 0.6311           | 1039.0            | 1053.8            | 1046.7               | 0.706 | 3.556 | 86.445 | 8.056 | 1.023 | 0.076 | 0.092 | 0.017 | 0.011 | 0.018 | 0.000 |    |    |     | 1328.65 |          |  |
| 13  | 0.6291           | 1035.5            | 1053.8            | 1039.8               | 0.724 | 3.442 | 87.447 | 7.277 | 0.918 | 0.070 | 0.080 | 0.016 | 0.010 | 0.017 | 0.000 |    |    |     | 1325.42 |          |  |
| 14  | 0.6236           | 1028.5            | 1046.7            | 1054.5               | 0.734 | 3.253 | 88.690 | 6.295 | 0.834 | 0.071 | 0.078 | 0.017 | 0.011 | 0.018 | 0.000 |    |    |     | 1323.31 |          |  |
| 15  | 0.6174           | 1021.7            | 1039.8            | 1058.2               | 0.647 | 3.541 | 86.499 | 8.092 | 1.016 | 0.073 | 0.088 | 0.016 | 0.011 | 0.017 | 0.000 |    |    |     | 1330.20 |          |  |
| 16  | 0.6284           | 1036.1            | 1054.5            | 1069.9               | 0.686 | 3.487 | 86.086 | 8.480 | 1.054 | 0.073 | 0.089 | 0.016 | 0.010 | 0.018 | 0.000 |    |    |     | 1332.35 |          |  |
| 17  | 0.6309           | 1039.8            | 1058.2            | 1057.4               | 0.658 | 3.632 | 85.674 | 8.812 | 1.029 | 0.068 | 0.083 | 0.014 | 0.009 | 0.020 | 0.000 |    |    |     | 1331.66 |          |  |
| 18  | 0.6324           | 1040.6            | 1059.0            | 1065.5               | 0.654 | 3.751 | 84.765 | 9.421 | 1.187 | 0.077 | 0.101 | 0.015 | 0.010 | 0.018 | 0.000 |    |    |     | 1334.19 |          |  |
| 19  | 0.6377           | 1046.9            | 1065.5            | 1063.8               | 0.647 | 3.768 | 84.849 | 9.411 | 1.129 | 0.068 | 0.090 | 0.013 | 0.008 | 0.017 | 0.000 |    |    |     | 1333.16 |          |  |
| 20  | 0.6367           | 1045.3            | 1063.8            | 1068.0               | 0.622 | 3.906 | 84.111 | 9.958 | 1.208 | 0.067 | 0.094 | 0.011 | 0.008 | 0.015 | 0.000 |    |    |     | 1334.51 |          |  |
| 21  | 0.6405           | 1049.4            | 1068.0            | 1069.9               | 0.652 | 3.789 | 84.144 | 9.943 | 1.261 | 0.072 | 0.101 | 0.013 | 0.009 | 0.016 | 0.000 |    |    |     | 1336.42 |          |  |
| 22  | 0.6410           | 1051.3            | 1069.9            | 1057.4               | 0.711 | 3.565 | 85.991 | 8.451 | 1.070 | 0.075 | 0.094 | 0.016 | 0.011 | 0.018 | 0.000 |    |    |     | 1330.56 |          |  |
| 23  | 0.6315           | 1039.0            | 1057.4            | 1046.6               | 0.714 | 3.455 | 87.464 | 7.250 | 0.917 | 0.070 | 0.084 | 0.016 | 0.011 | 0.018 | 0.000 |    |    |     | 1325.38 |          |  |
| 24  | 0.6235           | 1028.4            | 1046.6            | 1042.0               | 0.738 | 3.398 | 88.072 | 6.741 | 0.855 | 0.069 | 0.082 | 0.016 | 0.011 | 0.018 | 0.000 |    |    |     | 1322.91 |          |  |
| 25  | 0.6204           | 1023.9            | 1042.0            | 1049.1               | 0.734 | 3.452 | 87.155 | 7.500 | 0.954 | 0.071 | 0.087 | 0.017 | 0.012 | 0.018 | 0.000 |    |    |     | 1326.54 |          |  |
| 26  | 0.6254           | 1030.8            | 1049.1            | 1043.1               | 0.810 | 3.530 | 87.622 | 6.845 | 0.977 | 0.075 | 0.088 | 0.019 | 0.013 | 0.021 | 0.000 |    |    |     | 1320.82 |          |  |
| 27  | 0.6237           | 1025.0            | 1043.1            | 1058.7               | 0.715 | 3.575 | 85.785 | 8.641 | 1.076 | 0.073 | 0.093 | 0.015 | 0.010 | 0.018 | 0.000 |    |    |     | 1331.13 |          |  |
| 28  | 0.6325           | 1040.2            | 1058.7            | 1063.7               | 0.725 | 3.644 | 84.872 | 9.519 | 1.060 | 0.060 | 0.086 | 0.011 | 0.008 | 0.016 | 0.000 |    |    |     | 1333.14 |          |  |
| 29  | 0.6366           | 1045.2            | 1063.7            | 1057.6               | 0.743 | 3.582 | 85.673 | 8.861 | 0.963 | 0.058 | 0.085 | 0.011 | 0.008 | 0.017 | 0.000 |    |    |     | 1329.95 |          |  |
| 30  | 0.6323           | 1039.1            | 1057.6            | 1066.3               | 0.748 | 3.605 | 84.527 | 9.913 | 1.032 | 0.057 | 0.081 | 0.011 | 0.008 | 0.018 | 0.000 |    |    |     | 1334.73 |          |  |
| 31  | 0.6382           | 1047.8            | 1066.3            | 1056.2               | 0.689 | 3.586 | 86.084 | 8.412 | 1.028 | 0.070 | 0.088 | 0.015 | 0.010 | 0.018 | 0.000 |    |    |     | 1329.98 |          |  |
| Avg | 0.6306           | 1038.0            | 1056.2            |                      |       |       |        |       |       |       |       |       |       |       |       |    |    |     |         |          |  |

*Zone 271*

**GQ Source Daily Summary**

January 2009

Number: 063

Name: CLEVELAND PLANT MAPLETON

Pressure Base: 14.730

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2     | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8 | C9 | C10 | Wobbe | Cri/therm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|-------|-----------|
| 1   | 0.6344           | 1040.7            | 1059.2            |                      | 0.720 | 3.709 | 85.254 | 9.094  | 1.046 | 0.060 | 0.081 | 0.013 | 0.009 | 0.014 | 0.000 |    |    |     |       | 1329.79   |
| 2   | 0.6300           | 1033.9            | 1052.2            |                      | 0.720 | 3.712 | 86.048 | 8.412  | 0.936 | 0.058 | 0.077 | 0.013 | 0.009 | 0.015 | 0.000 |    |    |     |       | 1325.67   |
| 3   | 0.6309           | 1041.3            | 1059.7            |                      | 0.567 | 3.575 | 85.893 | 8.728  | 1.032 | 0.077 | 0.087 | 0.016 | 0.010 | 0.015 | 0.000 |    |    |     |       | 1334.23   |
| 4   | 0.6233           | 1028.6            | 1046.8            |                      | 0.678 | 3.467 | 87.472 | 7.245  | 0.934 | 0.075 | 0.084 | 0.017 | 0.011 | 0.016 | 0.000 |    |    |     |       | 1325.95   |
| 5   | 0.6275           | 1033.5            | 1051.8            |                      | 0.655 | 3.605 | 86.554 | 8.042  | 0.951 | 0.069 | 0.084 | 0.015 | 0.010 | 0.015 | 0.000 |    |    |     |       | 1327.70   |
| 6   | 0.6351           | 1045.2            | 1063.7            |                      | 0.656 | 3.602 | 85.143 | 9.324  | 1.070 | 0.073 | 0.091 | 0.015 | 0.010 | 0.014 | 0.000 |    |    |     |       | 1334.72   |
| 7   | 0.6342           | 1041.8            | 1060.2            |                      | 0.679 | 3.691 | 85.323 | 9.037  | 1.072 | 0.070 | 0.087 | 0.015 | 0.010 | 0.015 | 0.000 |    |    |     |       | 1331.34   |
| 8   | 0.6293           | 1036.7            | 1055.0            |                      | 0.680 | 3.543 | 86.317 | 8.232  | 1.025 | 0.073 | 0.087 | 0.016 | 0.011 | 0.017 | 0.000 |    |    |     |       | 1329.91   |
| 9   | 0.6286           | 1035.5            | 1053.9            |                      | 0.644 | 3.598 | 86.466 | 8.029  | 1.047 | 0.078 | 0.091 | 0.017 | 0.012 | 0.017 | 0.000 |    |    |     |       | 1329.21   |
| 10  | 0.6303           | 1036.1            | 1054.5            |                      | 0.649 | 3.716 | 86.049 | 8.348  | 1.047 | 0.070 | 0.082 | 0.015 | 0.010 | 0.014 | 0.000 |    |    |     |       | 1328.18   |
| 11  | 0.6327           | 1039.3            | 1057.7            |                      | 0.663 | 3.719 | 85.600 | 8.762  | 1.066 | 0.070 | 0.082 | 0.015 | 0.010 | 0.014 | 0.000 |    |    |     |       | 1329.81   |
| 12  | 0.6331           | 1041.4            | 1059.8            |                      | 0.641 | 3.671 | 85.583 | 8.785  | 1.105 | 0.078 | 0.094 | 0.017 | 0.011 | 0.015 | 0.000 |    |    |     |       | 1331.93   |
| 13  | 0.6293           | 1034.9            | 1053.2            |                      | 0.683 | 3.642 | 86.371 | 8.033  | 1.053 | 0.079 | 0.095 | 0.018 | 0.012 | 0.015 | 0.000 |    |    |     |       | 1327.66   |
| 14  | 0.6255           | 1030.5            | 1048.7            |                      | 0.714 | 3.506 | 87.022 | 7.632  | 0.939 | 0.069 | 0.080 | 0.015 | 0.010 | 0.014 | 0.000 |    |    |     |       | 1326.01   |
| 15  | 0.6167           | 1019.9            | 1038.0            |                      | 0.755 | 3.261 | 88.793 | 6.172  | 0.825 | 0.071 | 0.077 | 0.017 | 0.011 | 0.016 | 0.000 |    |    |     |       | 1321.73   |
| 16  | 0.6249           | 1030.7            | 1048.9            |                      | 0.647 | 3.540 | 87.108 | 7.555  | 0.953 | 0.071 | 0.084 | 0.016 | 0.011 | 0.015 | 0.000 |    |    |     |       | 1326.88   |
| 17  | 0.6317           | 1040.5            | 1058.9            |                      | 0.678 | 3.538 | 85.868 | 8.638  | 1.075 | 0.073 | 0.089 | 0.016 | 0.011 | 0.015 | 0.000 |    |    |     |       | 1332.28   |
| 18  | 0.6315           | 1039.5            | 1057.9            |                      | 0.656 | 3.613 | 85.820 | 8.692  | 1.024 | 0.070 | 0.083 | 0.015 | 0.010 | 0.017 | 0.000 |    |    |     |       | 1331.24   |
| 19  | 0.6353           | 1042.9            | 1061.3            |                      | 0.661 | 3.755 | 85.136 | 9.117  | 1.127 | 0.072 | 0.093 | 0.014 | 0.010 | 0.014 | 0.000 |    |    |     |       | 1333.35   |
| 20  | 0.6374           | 1046.0            | 1064.5            |                      | 0.649 | 3.782 | 84.724 | 9.488  | 1.154 | 0.072 | 0.095 | 0.014 | 0.009 | 0.014 | 0.000 |    |    |     |       | 1332.56   |
| 21  | 0.6385           | 1046.3            | 1064.8            |                      | 0.637 | 3.888 | 84.422 | 9.710  | 1.155 | 0.067 | 0.091 | 0.012 | 0.008 | 0.012 | 0.000 |    |    |     |       | 1333.30   |
| 22  | 0.6432           | 1053.1            | 1071.7            |                      | 0.613 | 3.951 | 83.587 | 10.360 | 1.288 | 0.070 | 0.099 | 0.012 | 0.008 | 0.012 | 0.000 |    |    |     |       | 1331.54   |
| 23  | 0.6346           | 1042.3            | 1060.8            |                      | 0.692 | 3.679 | 85.367 | 8.900  | 1.150 | 0.075 | 0.098 | 0.015 | 0.010 | 0.014 | 0.000 |    |    |     |       | 1324.56   |
| 24  | 0.6239           | 1028.0            | 1046.2            |                      | 0.717 | 3.499 | 87.356 | 7.314  | 0.920 | 0.069 | 0.083 | 0.016 | 0.011 | 0.015 | 0.000 |    |    |     |       | 1322.04   |
| 25  | 0.6198           | 1022.7            | 1040.8            |                      | 0.737 | 3.411 | 88.156 | 6.639  | 0.861 | 0.070 | 0.082 | 0.016 | 0.011 | 0.015 | 0.000 |    |    |     |       | 1325.65   |
| 26  | 0.6254           | 1030.1            | 1048.4            |                      | 0.721 | 3.511 | 87.062 | 7.571  | 0.942 | 0.068 | 0.084 | 0.016 | 0.011 | 0.015 | 0.000 |    |    |     |       | 1325.16   |
| 27  | 0.6240           | 1028.6            | 1046.8            |                      | 0.744 | 3.433 | 87.418 | 7.263  | 0.934 | 0.073 | 0.088 | 0.017 | 0.012 | 0.017 | 0.000 |    |    |     |       | 1330.37   |
| 28  | 0.6306           | 1038.0            | 1056.4            |                      | 0.724 | 3.506 | 86.128 | 8.401  | 1.034 | 0.073 | 0.091 | 0.015 | 0.011 | 0.015 | 0.000 |    |    |     |       | 1331.01   |
| 29  | 0.6366           | 1043.5            | 1061.9            |                      | 0.714 | 3.757 | 84.848 | 9.410  | 1.086 | 0.064 | 0.088 | 0.012 | 0.009 | 0.013 | 0.000 |    |    |     |       | 1330.79   |
| 30  | 0.6352           | 1042.2            | 1060.7            |                      | 0.746 | 3.661 | 85.120 | 9.244  | 1.049 | 0.059 | 0.089 | 0.011 | 0.008 | 0.013 | 0.000 |    |    |     |       | 1330.56   |
| 31  | 0.6322           | 1039.5            | 1057.9            |                      | 0.740 | 3.548 | 85.532 | 9.152  | 0.871 | 0.052 | 0.073 | 0.011 | 0.008 | 0.014 | 0.000 |    |    |     |       | 1329.34   |
| Avg | 0.6305           | 1037.0            | 1055.6            |                      | 0.683 | 3.616 | 86.050 | 8.430  | 1.025 | 0.070 | 0.087 | 0.015 | 0.010 | 0.015 | 0.000 |    |    |     |       |           |

*Zone 27a*

**GQ Source Daily Summary**

January 2009

Number: 061

Pressure Base: 14.730

Name: CLEVELAND PLANT GRAFTON

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2     | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8 | C9 | C10 | Wobbe   | Cr/therm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|---------|----------|
| 1   | 0.6345           | 1041.0            | 1059.4            |                      | 0.720 | 3.703 | 85.234 | 9.118  | 1.048 | 0.061 | 0.081 | 0.013 | 0.009 | 0.014 | 0.000 |    |    |     | 1330.03 |          |
| 2   | 0.6298           | 1033.7            | 1052.0            |                      | 0.721 | 3.706 | 86.073 | 8.389  | 0.937 | 0.059 | 0.078 | 0.013 | 0.009 | 0.015 | 0.000 |    |    |     | 1325.63 |          |
| 3   | 0.6309           | 1041.5            | 1059.9            |                      | 0.567 | 3.571 | 85.882 | 8.742  | 1.035 | 0.077 | 0.087 | 0.016 | 0.010 | 0.014 | 0.000 |    |    |     | 1334.35 |          |
| 4   | 0.6234           | 1028.8            | 1047.0            |                      | 0.678 | 3.465 | 87.458 | 7.257  | 0.937 | 0.075 | 0.085 | 0.017 | 0.011 | 0.017 | 0.000 |    |    |     | 1326.10 |          |
| 5   | 0.6276           | 1033.5            | 1051.8            |                      | 0.655 | 3.604 | 86.551 | 8.044  | 0.952 | 0.069 | 0.084 | 0.015 | 0.010 | 0.016 | 0.000 |    |    |     | 1327.75 |          |
| 6   | 0.6352           | 1045.2            | 1063.7            |                      | 0.658 | 3.604 | 85.138 | 9.322  | 1.074 | 0.073 | 0.092 | 0.015 | 0.010 | 0.014 | 0.000 |    |    |     | 1334.68 |          |
| 7   | 0.6343           | 1042.0            | 1060.5            |                      | 0.679 | 3.686 | 85.312 | 9.054  | 1.073 | 0.070 | 0.087 | 0.015 | 0.010 | 0.015 | 0.000 |    |    |     | 1331.54 |          |
| 8   | 0.6294           | 1036.9            | 1055.3            |                      | 0.680 | 3.536 | 86.304 | 8.248  | 1.027 | 0.073 | 0.088 | 0.016 | 0.011 | 0.017 | 0.000 |    |    |     | 1330.10 |          |
| 9   | 0.6288           | 1035.7            | 1054.1            |                      | 0.645 | 3.598 | 86.446 | 8.044  | 1.051 | 0.078 | 0.091 | 0.018 | 0.012 | 0.017 | 0.000 |    |    |     | 1329.31 |          |
| 10  | 0.6303           | 1036.2            | 1054.5            |                      | 0.649 | 3.714 | 86.049 | 8.347  | 1.048 | 0.070 | 0.084 | 0.015 | 0.010 | 0.015 | 0.000 |    |    |     | 1328.20 |          |
| 11  | 0.6327           | 1039.4            | 1057.9            |                      | 0.664 | 3.714 | 85.598 | 8.764  | 1.068 | 0.070 | 0.083 | 0.015 | 0.010 | 0.014 | 0.000 |    |    |     | 1329.93 |          |
| 12  | 0.6332           | 1041.5            | 1059.9            |                      | 0.642 | 3.669 | 85.580 | 8.786  | 1.107 | 0.078 | 0.094 | 0.017 | 0.011 | 0.015 | 0.000 |    |    |     | 1331.99 |          |
| 13  | 0.6294           | 1035.1            | 1053.4            |                      | 0.684 | 3.633 | 86.363 | 8.043  | 1.056 | 0.080 | 0.095 | 0.018 | 0.012 | 0.015 | 0.000 |    |    |     | 1327.86 |          |
| 14  | 0.6256           | 1030.6            | 1048.9            |                      | 0.714 | 3.504 | 87.008 | 7.644  | 0.941 | 0.069 | 0.080 | 0.015 | 0.010 | 0.014 | 0.000 |    |    |     | 1326.12 |          |
| 15  | 0.6168           | 1020.1            | 1038.1            |                      | 0.756 | 3.257 | 88.792 | 6.173  | 0.827 | 0.071 | 0.078 | 0.017 | 0.011 | 0.018 | 0.000 |    |    |     | 1321.84 |          |
| 16  | 0.6250           | 1030.8            | 1049.1            |                      | 0.648 | 3.538 | 87.086 | 7.575  | 0.955 | 0.071 | 0.084 | 0.016 | 0.011 | 0.016 | 0.000 |    |    |     | 1327.00 |          |
| 17  | 0.6318           | 1040.7            | 1059.1            |                      | 0.682 | 3.527 | 85.864 | 8.646  | 1.078 | 0.074 | 0.089 | 0.016 | 0.011 | 0.015 | 0.000 |    |    |     | 1332.45 |          |
| 18  | 0.6317           | 1039.8            | 1058.2            |                      | 0.657 | 3.607 | 85.796 | 8.715  | 1.028 | 0.071 | 0.084 | 0.015 | 0.010 | 0.017 | 0.000 |    |    |     | 1331.43 |          |
| 19  | 0.6354           | 1043.1            | 1061.5            |                      | 0.663 | 3.749 | 85.124 | 9.130  | 1.130 | 0.072 | 0.093 | 0.014 | 0.010 | 0.014 | 0.000 |    |    |     | 1331.71 |          |
| 20  | 0.6375           | 1046.1            | 1064.6            |                      | 0.650 | 3.777 | 84.708 | 9.505  | 1.155 | 0.072 | 0.095 | 0.014 | 0.009 | 0.014 | 0.000 |    |    |     | 1333.45 |          |
| 21  | 0.6386           | 1046.5            | 1065.1            |                      | 0.637 | 3.883 | 84.402 | 9.731  | 1.157 | 0.067 | 0.091 | 0.012 | 0.008 | 0.012 | 0.000 |    |    |     | 1332.74 |          |
| 22  | 0.6433           | 1053.4            | 1072.0            |                      | 0.615 | 3.942 | 83.568 | 10.383 | 1.290 | 0.070 | 0.100 | 0.012 | 0.008 | 0.012 | 0.000 |    |    |     | 1336.52 |          |
| 23  | 0.6348           | 1042.5            | 1060.9            |                      | 0.693 | 3.677 | 85.335 | 8.928  | 1.155 | 0.076 | 0.098 | 0.015 | 0.010 | 0.013 | 0.000 |    |    |     | 1331.65 |          |
| 24  | 0.6239           | 1028.0            | 1046.2            |                      | 0.718 | 3.495 | 87.352 | 7.318  | 0.923 | 0.070 | 0.083 | 0.016 | 0.011 | 0.016 | 0.000 |    |    |     | 1324.59 |          |
| 25  | 0.6198           | 1022.7            | 1040.8            |                      | 0.738 | 3.404 | 88.165 | 6.634  | 0.863 | 0.070 | 0.083 | 0.017 | 0.011 | 0.015 | 0.000 |    |    |     | 1322.09 |          |
| 26  | 0.6255           | 1030.3            | 1048.5            |                      | 0.722 | 3.508 | 87.038 | 7.595  | 0.944 | 0.068 | 0.084 | 0.016 | 0.011 | 0.015 | 0.000 |    |    |     | 1325.73 |          |
| 27  | 0.6237           | 1028.4            | 1046.6            |                      | 0.745 | 3.414 | 87.484 | 7.213  | 0.934 | 0.073 | 0.087 | 0.018 | 0.013 | 0.019 | 0.000 |    |    |     | 1325.28 |          |
| 28  | 0.6306           | 1038.3            | 1056.7            |                      | 0.726 | 3.498 | 86.117 | 8.416  | 1.036 | 0.073 | 0.092 | 0.016 | 0.011 | 0.015 | 0.000 |    |    |     | 1330.58 |          |
| 29  | 0.6368           | 1043.8            | 1062.3            |                      | 0.714 | 3.760 | 84.808 | 9.440  | 1.093 | 0.064 | 0.088 | 0.012 | 0.009 | 0.013 | 0.000 |    |    |     | 1331.17 |          |
| 30  | 0.6353           | 1042.4            | 1060.8            |                      | 0.746 | 3.654 | 85.117 | 9.250  | 1.052 | 0.059 | 0.089 | 0.011 | 0.008 | 0.013 | 0.000 |    |    |     | 1330.95 |          |
| 31  | 0.6322           | 1039.7            | 1058.1            |                      | 0.741 | 3.542 | 85.525 | 9.161  | 0.873 | 0.052 | 0.073 | 0.011 | 0.008 | 0.014 | 0.000 |    |    |     | 1330.68 |          |
| AVG | 0.6306           | 1037.0            | 1055.7            |                      | 0.684 | 3.611 | 86.041 | 8.439  | 1.027 | 0.070 | 0.087 | 0.015 | 0.010 | 0.015 | 0.000 |    |    |     | 1329.47 |          |

*Zone 273*

**GQ Source Daily Summary**

January 2009

Number: 041

Pressure Base: 14.730

Name: BISMARCK PLANT DICKINSON PLANT

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value DRY | Heating Value As Del | CO2   | N2    | C1     | C2    | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8 | C9 | C10 | Wobbe   | Crit'herm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|---------|-----------|
| 1   | 0.6067           | 1004.2            | 1022.0            |                      | 0.948 | 2.989 | 90.916 | 4.328 | 0.634 | 0.062 | 0.071 | 0.018 | 0.013 | 0.021 | 0.000 |    |    |     | 1312.03 |           |
| 2   | 0.6085           | 1008.6            | 1026.4            |                      | 0.871 | 3.007 | 90.556 | 4.677 | 0.691 | 0.069 | 0.075 | 0.019 | 0.013 | 0.021 | 0.000 |    |    |     | 1315.80 |           |
| 3   | 0.6114           | 1016.6            | 1034.6            |                      | 0.695 | 3.051 | 89.989 | 5.217 | 0.811 | 0.090 | 0.088 | 0.022 | 0.014 | 0.022 | 0.000 |    |    |     | 1323.24 |           |
| 4   | 0.6107           | 1013.0            | 1030.9            |                      | 0.770 | 3.101 | 90.124 | 5.005 | 0.776 | 0.082 | 0.084 | 0.021 | 0.014 | 0.022 | 0.000 |    |    |     | 1319.15 |           |
| 5   | 0.6102           | 1012.3            | 1030.2            |                      | 0.818 | 3.020 | 90.260 | 4.930 | 0.756 | 0.079 | 0.081 | 0.021 | 0.014 | 0.022 | 0.000 |    |    |     | 1318.83 |           |
| 6   | 0.6098           | 1012.4            | 1030.3            |                      | 0.863 | 2.906 | 90.438 | 4.808 | 0.754 | 0.084 | 0.085 | 0.023 | 0.015 | 0.024 | 0.000 |    |    |     | 1319.42 |           |
| 7   | 0.6097           | 1012.3            | 1030.2            |                      | 0.846 | 2.925 | 90.433 | 4.819 | 0.750 | 0.081 | 0.085 | 0.022 | 0.015 | 0.024 | 0.000 |    |    |     | 1319.45 |           |
| 8   | 0.6092           | 1013.8            | 1031.7            |                      | 0.745 | 2.889 | 90.502 | 4.821 | 0.765 | 0.086 | 0.089 | 0.024 | 0.016 | 0.024 | 0.000 |    |    |     | 1321.82 |           |
| 9   | 0.6097           | 1015.1            | 1033.1            |                      | 0.783 | 2.913 | 90.380 | 4.951 | 0.777 | 0.086 | 0.087 | 0.023 | 0.015 | 0.025 | 0.000 |    |    |     | 1323.06 |           |
| 10  | 0.6096           | 1013.5            | 1031.4            |                      | 0.778 | 2.950 | 90.361 | 4.934 | 0.756 | 0.081 | 0.083 | 0.023 | 0.015 | 0.021 | 0.000 |    |    |     | 1321.05 |           |
| 11  | 0.6100           | 1013.6            | 1031.5            |                      | 0.810 | 2.931 | 90.354 | 4.904 | 0.771 | 0.085 | 0.086 | 0.022 | 0.014 | 0.023 | 0.000 |    |    |     | 1320.77 |           |
| 12  | 0.6120           | 1016.8            | 1034.8            |                      | 0.780 | 2.973 | 90.079 | 5.045 | 0.850 | 0.100 | 0.105 | 0.027 | 0.017 | 0.024 | 0.000 |    |    |     | 1322.73 |           |
| 13  | 0.6101           | 1013.3            | 1031.3            |                      | 0.830 | 2.930 | 90.375 | 4.847 | 0.778 | 0.088 | 0.091 | 0.024 | 0.016 | 0.022 | 0.000 |    |    |     | 1320.27 |           |
| 14  | 0.6093           | 1011.3            | 1029.2            |                      | 0.817 | 2.991 | 90.421 | 4.820 | 0.739 | 0.077 | 0.081 | 0.020 | 0.014 | 0.020 | 0.000 |    |    |     | 1318.61 |           |
| 15  | 0.6083           | 1011.1            | 1029.0            |                      | 0.788 | 2.962 | 90.566 | 4.754 | 0.723 | 0.076 | 0.078 | 0.020 | 0.013 | 0.020 | 0.000 |    |    |     | 1319.30 |           |
| 16  | 0.6094           | 1013.6            | 1031.6            |                      | 0.752 | 2.964 | 90.379 | 4.922 | 0.762 | 0.082 | 0.083 | 0.021 | 0.014 | 0.021 | 0.000 |    |    |     | 1321.42 |           |
| 17  | 0.6097           | 1013.6            | 1031.6            |                      | 0.841 | 2.855 | 90.467 | 4.837 | 0.767 | 0.086 | 0.087 | 0.023 | 0.015 | 0.023 | 0.000 |    |    |     | 1321.12 |           |
| 18  | 0.6096           | 1012.8            | 1030.7            |                      | 0.875 | 2.844 | 90.565 | 4.705 | 0.763 | 0.088 | 0.090 | 0.025 | 0.016 | 0.030 | 0.000 |    |    |     | 1320.14 |           |
| 19  | 0.6098           | 1013.6            | 1031.6            |                      | 0.890 | 2.790 | 90.595 | 4.667 | 0.794 | 0.094 | 0.100 | 0.026 | 0.017 | 0.026 | 0.000 |    |    |     | 1321.02 |           |
| 20  | 0.6064           | 1007.6            | 1025.5            |                      | 0.880 | 2.854 | 91.058 | 4.297 | 0.693 | 0.079 | 0.081 | 0.021 | 0.014 | 0.023 | 0.000 |    |    |     | 1316.85 |           |
| 21  | 0.6063           | 1005.5            | 1023.3            |                      | 0.878 | 2.977 | 91.016 | 4.250 | 0.674 | 0.074 | 0.077 | 0.020 | 0.013 | 0.021 | 0.000 |    |    |     | 1314.18 |           |
| 22  | 0.6067           | 1007.1            | 1024.9            |                      | 0.875 | 2.918 | 90.974 | 4.336 | 0.686 | 0.076 | 0.078 | 0.020 | 0.014 | 0.022 | 0.000 |    |    |     | 1315.85 |           |
| 23  | 0.6097           | 1011.3            | 1029.2            |                      | 0.864 | 2.959 | 90.449 | 4.747 | 0.750 | 0.083 | 0.087 | 0.022 | 0.015 | 0.023 | 0.000 |    |    |     | 1318.12 |           |
| 24  | 0.6092           | 1009.7            | 1027.6            |                      | 0.821 | 3.076 | 90.428 | 4.732 | 0.730 | 0.077 | 0.081 | 0.020 | 0.014 | 0.021 | 0.000 |    |    |     | 1316.57 |           |
| 25  | 0.6086           | 1007.9            | 1025.7            |                      | 0.841 | 3.104 | 90.513 | 4.632 | 0.706 | 0.073 | 0.079 | 0.019 | 0.013 | 0.020 | 0.000 |    |    |     | 1314.82 |           |
| 26  | 0.6115           | 1013.5            | 1031.5            |                      | 0.873 | 2.989 | 90.097 | 5.024 | 0.794 | 0.079 | 0.085 | 0.022 | 0.016 | 0.022 | 0.000 |    |    |     | 1318.97 |           |
| 27  | 0.6116           | 1013.0            | 1031.0            |                      | 0.909 | 2.968 | 90.137 | 4.965 | 0.796 | 0.079 | 0.085 | 0.022 | 0.016 | 0.024 | 0.000 |    |    |     | 1318.30 |           |
| 28  | 0.6095           | 1011.3            | 1029.3            |                      | 0.902 | 2.882 | 90.511 | 4.742 | 0.741 | 0.080 | 0.083 | 0.022 | 0.015 | 0.023 | 0.000 |    |    |     | 1318.39 |           |
| 29  | 0.6019           | 997.6             | 1015.3            |                      | 1.113 | 2.686 | 92.005 | 3.478 | 0.536 | 0.063 | 0.067 | 0.019 | 0.013 | 0.021 | 0.000 |    |    |     | 1308.65 |           |
| 30  | 0.5987           | 992.7             | 1010.3            |                      | 1.215 | 2.531 | 92.702 | 2.913 | 0.465 | 0.058 | 0.063 | 0.018 | 0.012 | 0.023 | 0.000 |    |    |     | 1305.66 |           |
| 31  | 0.5998           | 995.0             | 1012.6            |                      | 1.212 | 2.497 | 92.542 | 3.064 | 0.502 | 0.063 | 0.066 | 0.019 | 0.013 | 0.023 | 0.000 |    |    |     | 1307.47 |           |
| Avg | 0.6085           | 1010.0            | 1028.0            |                      | 0.867 | 2.917 | 90.651 | 4.618 | 0.726 | 0.079 | 0.083 | 0.021 | 0.014 | 0.023 | 0.000 |    |    |     | 1317.84 |           |

*Zone 28*

**GQ Source Daily Summary**

January 2009

Number: 271

Name: DICKINSON BORDER

Pressure Base: 14.730

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2    | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8 | C9 | C10 | Wobbe   | Crit'herm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|---------|-----------|
| 1   | 0.6063           | 1003.3            | 1021.1            |                      | 0.964 | 2.971 | 90.921 | 4.350 | 0.638 | 0.060 | 0.069 | 0.000 | 0.000 | 0.027 | 0.000 |    |    |     | 1311.39 |           |
| 2   | 0.6090           | 1012.1            | 1030.0            |                      | 0.776 | 2.979 | 90.363 | 4.937 | 0.757 | 0.078 | 0.080 | 0.003 | 0.000 | 0.027 | 0.000 |    |    |     | 1319.84 |           |
| 3   | 0.6102           | 1013.1            | 1031.0            |                      | 0.761 | 3.056 | 90.137 | 5.057 | 0.790 | 0.084 | 0.084 | 0.004 | 0.000 | 0.027 | 0.000 |    |    |     | 1319.85 |           |
| 4   | 0.6095           | 1010.8            | 1028.7            |                      | 0.786 | 3.094 | 90.242 | 4.931 | 0.764 | 0.077 | 0.080 | 0.000 | 0.000 | 0.028 | 0.000 |    |    |     | 1317.60 |           |
| 5   | 0.6096           | 1012.0            | 1029.9            |                      | 0.836 | 2.946 | 90.333 | 4.929 | 0.763 | 0.080 | 0.082 | 0.003 | 0.000 | 0.029 | 0.000 |    |    |     | 1319.15 |           |
| 6   | 0.6088           | 1011.0            | 1029.0            |                      | 0.872 | 2.874 | 90.543 | 4.761 | 0.750 | 0.081 | 0.084 | 0.005 | 0.000 | 0.029 | 0.000 |    |    |     | 1318.77 |           |
| 7   | 0.6085           | 1011.4            | 1029.3            |                      | 0.826 | 2.896 | 90.556 | 4.768 | 0.754 | 0.080 | 0.084 | 0.005 | 0.000 | 0.029 | 0.000 |    |    |     | 1319.51 |           |
| 8   | 0.6088           | 1014.1            | 1032.1            |                      | 0.767 | 2.852 | 90.516 | 4.860 | 0.784 | 0.088 | 0.090 | 0.012 | 0.000 | 0.031 | 0.000 |    |    |     | 1322.68 |           |
| 9   | 0.6083           | 1012.1            | 1030.0            |                      | 0.760 | 2.941 | 90.482 | 4.874 | 0.756 | 0.078 | 0.080 | 0.001 | 0.000 | 0.028 | 0.000 |    |    |     | 1320.58 |           |
| 10  | 0.6090           | 1012.3            | 1030.2            |                      | 0.813 | 2.912 | 90.419 | 4.900 | 0.762 | 0.082 | 0.083 | 0.003 | 0.000 | 0.027 | 0.000 |    |    |     | 1320.12 |           |
| 11  | 0.6104           | 1014.6            | 1032.6            |                      | 0.808 | 2.902 | 90.270 | 4.977 | 0.817 | 0.092 | 0.095 | 0.011 | 0.000 | 0.028 | 0.000 |    |    |     | 1321.71 |           |
| 12  | 0.6117           | 1016.6            | 1034.6            |                      | 0.775 | 2.954 | 90.078 | 5.076 | 0.860 | 0.099 | 0.108 | 0.020 | 0.000 | 0.030 | 0.000 |    |    |     | 1322.88 |           |
| 13  | 0.6116           | 1016.9            | 1034.9            |                      | 0.771 | 2.938 | 90.094 | 5.075 | 0.863 | 0.100 | 0.108 | 0.020 | 0.000 | 0.031 | 0.000 |    |    |     | 1323.30 |           |
| 14  | 0.6116           | 1016.9            | 1034.9            |                      | 0.771 | 2.938 | 90.094 | 5.075 | 0.863 | 0.100 | 0.108 | 0.020 | 0.000 | 0.031 | 0.000 |    |    |     | 1323.30 |           |
| 15  | 0.6102           | 1013.6            | 1031.6            |                      | 0.726 | 3.079 | 90.273 | 4.911 | 0.759 | 0.086 | 0.090 | 0.027 | 0.017 | 0.030 | 0.000 |    |    |     | 1320.55 |           |
| 16  | 0.6094           | 1014.1            | 1032.1            |                      | 0.759 | 2.926 | 90.394 | 4.929 | 0.767 | 0.083 | 0.084 | 0.020 | 0.013 | 0.024 | 0.000 |    |    |     | 1322.10 |           |
| 17  | 0.6121           | 1015.2            | 1033.2            |                      | 0.877 | 2.928 | 90.105 | 5.021 | 0.812 | 0.093 | 0.094 | 0.025 | 0.015 | 0.031 | 0.000 |    |    |     | 1320.73 |           |
| 18  | 0.6078           | 1009.9            | 1027.8            |                      | 0.900 | 2.812 | 90.882 | 4.447 | 0.729 | 0.081 | 0.085 | 0.021 | 0.013 | 0.030 | 0.000 |    |    |     | 1318.34 |           |
| 19  | 0.6090           | 1013.4            | 1031.4            |                      | 0.869 | 2.766 | 90.710 | 4.614 | 0.781 | 0.092 | 0.097 | 0.024 | 0.016 | 0.031 | 0.000 |    |    |     | 1321.57 |           |
| 20  | 0.6059           | 1006.7            | 1024.6            |                      | 0.870 | 2.878 | 91.123 | 4.238 | 0.681 | 0.075 | 0.078 | 0.019 | 0.012 | 0.027 | 0.000 |    |    |     | 1316.26 |           |
| 21  | 0.6056           | 1004.7            | 1022.5            |                      | 0.833 | 3.030 | 91.079 | 4.196 | 0.661 | 0.070 | 0.075 | 0.017 | 0.011 | 0.027 | 0.000 |    |    |     | 1313.97 |           |
| 22  | 0.6074           | 1009.4            | 1027.3            |                      | 0.856 | 2.875 | 90.886 | 4.430 | 0.725 | 0.081 | 0.084 | 0.020 | 0.013 | 0.029 | 0.000 |    |    |     | 1318.14 |           |
| 23  | 0.6090           | 1009.9            | 1027.8            |                      | 0.868 | 2.979 | 90.535 | 4.670 | 0.728 | 0.078 | 0.082 | 0.020 | 0.013 | 0.027 | 0.000 |    |    |     | 1317.07 |           |
| 24  | 0.6086           | 1009.3            | 1027.2            |                      | 0.808 | 3.071 | 90.510 | 4.675 | 0.724 | 0.075 | 0.081 | 0.019 | 0.012 | 0.025 | 0.000 |    |    |     | 1316.68 |           |
| 25  | 0.6090           | 1009.2            | 1027.1            |                      | 0.841 | 3.061 | 90.468 | 4.699 | 0.727 | 0.072 | 0.078 | 0.018 | 0.012 | 0.025 | 0.000 |    |    |     | 1316.09 |           |
| 26  | 0.6111           | 1013.3            | 1031.2            |                      | 0.879 | 2.957 | 90.188 | 4.965 | 0.785 | 0.078 | 0.084 | 0.021 | 0.014 | 0.029 | 0.000 |    |    |     | 1319.14 |           |
| 27  | 0.6108           | 1013.6            | 1031.6            |                      | 0.874 | 2.913 | 90.266 | 4.933 | 0.781 | 0.080 | 0.087 | 0.021 | 0.015 | 0.030 | 0.000 |    |    |     | 1319.94 |           |
| 28  | 0.6064           | 1006.6            | 1024.4            |                      | 0.937 | 2.821 | 90.996 | 4.387 | 0.680 | 0.072 | 0.076 | 0.001 | 0.001 | 0.028 | 0.000 |    |    |     | 1315.55 |           |
| 29  | 0.5991           | 994.4             | 1012.1            |                      | 1.165 | 2.535 | 92.487 | 3.173 | 0.496 | 0.057 | 0.062 | 0.000 | 0.000 | 0.027 | 0.000 |    |    |     | 1307.50 |           |
| 30  | 0.5979           | 991.4             | 1009.0            |                      | 1.208 | 2.535 | 92.750 | 2.902 | 0.464 | 0.055 | 0.060 | 0.000 | 0.000 | 0.026 | 0.000 |    |    |     | 1304.88 |           |
| 31  | 0.6066           | 1003.1            | 1020.9            |                      | 1.188 | 2.674 | 91.310 | 3.921 | 0.690 | 0.090 | 0.088 | 0.009 | 0.000 | 0.031 | 0.000 |    |    |     | 1310.89 |           |
| Avg | 0.6084           | 1010.0            | 1028.1            |                      | 0.863 | 2.906 | 90.645 | 4.635 | 0.739 | 0.081 | 0.085 | 0.013 | 0.006 | 0.028 | 0.000 |    |    |     | 1318.07 |           |

*Zone 31*

**GQ Source Daily Summary**

January 2009

Number: 051

Name: CABIN CREEK DICKINSON PLANT

Pressure Base: 14.730

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2    | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8 | C9 | C10 | Wobbe   | Critherm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|---------|----------|
| 1   | 0.6063           | 1003.4            | 1021.2            |                      | 0.937 | 3.015 | 91.002 | 4.215 | 0.644 | 0.063 | 0.072 | 0.018 | 0.013 | 0.021 | 0.000 |    |    |     | 1311.44 |          |
| 2   | 0.6100           | 1015.1            | 1033.1            |                      | 0.710 | 2.995 | 90.274 | 4.990 | 0.800 | 0.089 | 0.086 | 0.022 | 0.014 | 0.022 | 0.000 |    |    |     | 1322.69 |          |
| 3   | 0.6101           | 1012.1            | 1030.0            |                      | 0.766 | 3.097 | 90.253 | 4.886 | 0.777 | 0.082 | 0.084 | 0.021 | 0.014 | 0.022 | 0.000 |    |    |     | 1318.76 |          |
| 4   | 0.6096           | 1010.9            | 1028.8            |                      | 0.794 | 3.084 | 90.344 | 4.805 | 0.757 | 0.079 | 0.081 | 0.020 | 0.014 | 0.022 | 0.000 |    |    |     | 1317.70 |          |
| 5   | 0.6093           | 1011.6            | 1029.5            |                      | 0.848 | 2.934 | 90.517 | 4.707 | 0.765 | 0.084 | 0.085 | 0.022 | 0.015 | 0.023 | 0.000 |    |    |     | 1318.90 |          |
| 6   | 0.6090           | 1011.0            | 1028.9            |                      | 0.868 | 2.905 | 90.610 | 4.635 | 0.752 | 0.083 | 0.085 | 0.022 | 0.015 | 0.024 | 0.000 |    |    |     | 1318.51 |          |
| 7   | 0.6082           | 1011.3            | 1029.2            |                      | 0.803 | 2.908 | 90.703 | 4.606 | 0.751 | 0.082 | 0.085 | 0.022 | 0.015 | 0.024 | 0.000 |    |    |     | 1319.80 |          |
| 8   | 0.6089           | 1014.1            | 1032.0            |                      | 0.748 | 2.895 | 90.572 | 4.757 | 0.784 | 0.089 | 0.090 | 0.024 | 0.016 | 0.025 | 0.000 |    |    |     | 1322.56 |          |
| 9   | 0.6084           | 1011.9            | 1029.9            |                      | 0.761 | 2.958 | 90.574 | 4.738 | 0.752 | 0.080 | 0.081 | 0.020 | 0.014 | 0.021 | 0.000 |    |    |     | 1320.33 |          |
| 10  | 0.6091           | 1012.3            | 1030.2            |                      | 0.807 | 2.932 | 90.515 | 4.754 | 0.765 | 0.084 | 0.085 | 0.022 | 0.014 | 0.022 | 0.000 |    |    |     | 1320.05 |          |
| 11  | 0.6109           | 1015.3            | 1033.2            |                      | 0.788 | 2.946 | 90.295 | 4.866 | 0.839 | 0.098 | 0.102 | 0.026 | 0.017 | 0.024 | 0.000 |    |    |     | 1321.97 |          |
| 12  | 0.6103           | 1014.0            | 1032.0            |                      | 0.805 | 2.948 | 90.364 | 4.816 | 0.814 | 0.093 | 0.097 | 0.025 | 0.016 | 0.022 | 0.000 |    |    |     | 1320.91 |          |
| 13  | 0.6082           | 1010.0            | 1027.9            |                      | 0.831 | 2.952 | 90.665 | 4.599 | 0.737 | 0.079 | 0.082 | 0.020 | 0.014 | 0.020 | 0.000 |    |    |     | 1317.98 |          |
| 14  | 0.6077           | 1009.5            | 1027.4            |                      | 0.821 | 2.951 | 90.715 | 4.584 | 0.723 | 0.076 | 0.079 | 0.020 | 0.013 | 0.019 | 0.000 |    |    |     | 1317.93 |          |
| 15  | 0.6082           | 1011.6            | 1029.5            |                      | 0.739 | 2.998 | 90.568 | 4.740 | 0.745 | 0.078 | 0.080 | 0.020 | 0.014 | 0.020 | 0.000 |    |    |     | 1320.04 |          |
| 16  | 0.6086           | 1012.1            | 1030.0            |                      | 0.815 | 2.892 | 90.826 | 4.677 | 0.761 | 0.085 | 0.086 | 0.022 | 0.015 | 0.022 | 0.000 |    |    |     | 1320.21 |          |
| 17  | 0.6096           | 1013.5            | 1031.4            |                      | 0.849 | 2.848 | 90.546 | 4.725 | 0.781 | 0.090 | 0.092 | 0.025 | 0.017 | 0.029 | 0.000 |    |    |     | 1320.97 |          |
| 18  | 0.6088           | 1011.7            | 1029.6            |                      | 0.888 | 2.811 | 90.761 | 4.510 | 0.778 | 0.090 | 0.095 | 0.025 | 0.016 | 0.025 | 0.000 |    |    |     | 1319.65 |          |
| 19  | 0.6070           | 1009.2            | 1027.1            |                      | 0.891 | 2.797 | 91.030 | 4.314 | 0.733 | 0.085 | 0.088 | 0.023 | 0.015 | 0.024 | 0.000 |    |    |     | 1318.27 |          |
| 20  | 0.6058           | 1005.0            | 1022.8            |                      | 0.891 | 2.941 | 91.151 | 4.125 | 0.684 | 0.076 | 0.079 | 0.020 | 0.014 | 0.021 | 0.000 |    |    |     | 1314.06 |          |
| 21  | 0.6055           | 1003.9            | 1021.6            |                      | 0.830 | 3.071 | 91.116 | 4.108 | 0.673 | 0.072 | 0.076 | 0.019 | 0.013 | 0.022 | 0.000 |    |    |     | 1312.96 |          |
| 22  | 0.6071           | 1008.0            | 1025.8            |                      | 0.880 | 2.898 | 90.967 | 4.298 | 0.729 | 0.084 | 0.086 | 0.022 | 0.015 | 0.022 | 0.000 |    |    |     | 1316.55 |          |
| 23  | 0.6082           | 1008.3            | 1026.2            |                      | 0.854 | 3.016 | 90.676 | 4.513 | 0.726 | 0.078 | 0.082 | 0.021 | 0.014 | 0.022 | 0.000 |    |    |     | 1315.88 |          |
| 24  | 0.6084           | 1008.2            | 1026.1            |                      | 0.820 | 3.094 | 90.578 | 4.570 | 0.727 | 0.076 | 0.081 | 0.020 | 0.014 | 0.020 | 0.000 |    |    |     | 1315.49 |          |
| 25  | 0.6093           | 1009.2            | 1027.1            |                      | 0.863 | 3.052 | 90.461 | 4.666 | 0.748 | 0.074 | 0.080 | 0.020 | 0.014 | 0.020 | 0.000 |    |    |     | 1315.81 |          |
| 26  | 0.6108           | 1012.4            | 1030.3            |                      | 0.884 | 2.968 | 90.264 | 4.873 | 0.784 | 0.080 | 0.086 | 0.022 | 0.016 | 0.023 | 0.000 |    |    |     | 1318.35 |          |
| 27  | 0.6084           | 1008.5            | 1026.4            |                      | 0.971 | 2.850 | 90.772 | 4.475 | 0.708 | 0.077 | 0.083 | 0.023 | 0.017 | 0.023 | 0.000 |    |    |     | 1315.85 |          |
| 28  | 0.6041           | 1001.7            | 1019.4            |                      | 1.017 | 2.793 | 91.557 | 3.812 | 0.622 | 0.070 | 0.074 | 0.020 | 0.013 | 0.022 | 0.000 |    |    |     | 1311.57 |          |
| 29  | 0.5983           | 991.8             | 1009.4            |                      | 1.217 | 2.548 | 92.787 | 2.799 | 0.474 | 0.059 | 0.064 | 0.018 | 0.012 | 0.022 | 0.000 |    |    |     | 1304.88 |          |
| 30  | 0.5982           | 991.4             | 1009.0            |                      | 1.227 | 2.543 | 92.829 | 2.754 | 0.471 | 0.059 | 0.064 | 0.018 | 0.013 | 0.023 | 0.000 |    |    |     | 1304.53 |          |
| 31  | 0.6035           | 1007.4            | 1025.2            |                      | 0.973 | 2.448 | 91.922 | 3.688 | 0.710 | 0.101 | 0.093 | 0.026 | 0.016 | 0.022 | 0.000 |    |    |     | 1319.73 |          |
| Avg | 0.6076           | 1009.0            | 1026.8            |                      | 0.868 | 2.906 | 90.839 | 4.439 | 0.726 | 0.080 | 0.083 | 0.022 | 0.015 | 0.022 | 0.000 |    |    |     | 1317.24 |          |

*Zone 3a*

**GQ Source Daily Summary**

January 2009

Number: 111

Name: LITTLE KNIFE PLANT

Pressure Base: 14.730

Temperature Base:

Contract Day: 1 Contract Hour: 9

| Day | Relative Density | Heating Value Wet | Heating Value Dry | Heating Value As Del | CO2   | N2    | C1     | C2     | C3    | IC4   | NC4   | IC5   | NC5   | C6    | C7    | C8 | C9 | C10 | Wobbe | Cr'l'therm |
|-----|------------------|-------------------|-------------------|----------------------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|----|----|-----|-------|------------|
| 1   | 0.6671           | 1134.9            | 1154.9            |                      | 0.000 | 2.163 | 77.103 | 20.309 | 0.409 | 0.007 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.09    |
| 2   | 0.6670           | 1134.7            | 1154.8            |                      | 0.000 | 2.167 | 77.110 | 20.305 | 0.400 | 0.007 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1413.94    |
| 3   | 0.6668           | 1134.5            | 1154.6            |                      | 0.000 | 2.155 | 77.129 | 20.324 | 0.375 | 0.007 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.00    |
| 4   | 0.6671           | 1134.9            | 1155.0            |                      | 0.000 | 2.163 | 77.115 | 20.275 | 0.430 | 0.007 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.10    |
| 5   | 0.6671           | 1134.9            | 1155.0            |                      | 0.000 | 2.163 | 77.139 | 20.234 | 0.447 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.09    |
| 6   | 0.6672           | 1134.8            | 1154.9            |                      | 0.000 | 2.174 | 77.127 | 20.228 | 0.453 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1413.94    |
| 7   | 0.6674           | 1135.1            | 1155.2            |                      | 0.000 | 2.175 | 77.069 | 20.300 | 0.439 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.08    |
| 8   | 0.6675           | 1135.1            | 1155.2            |                      | 0.000 | 2.186 | 77.053 | 20.292 | 0.452 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1413.99    |
| 9   | 0.6683           | 1136.5            | 1156.6            |                      | 0.000 | 2.179 | 76.898 | 20.447 | 0.458 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.81    |
| 10  | 0.6679           | 1135.7            | 1155.8            |                      | 0.000 | 2.189 | 77.004 | 20.307 | 0.483 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.27    |
| 11  | 0.6676           | 1135.5            | 1155.6            |                      | 0.000 | 2.172 | 77.055 | 20.284 | 0.471 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.36    |
| 12  | 0.6660           | 1133.4            | 1153.5            |                      | 0.000 | 2.152 | 77.344 | 20.052 | 0.436 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1413.40    |
| 13  | 0.6667           | 1134.0            | 1154.0            |                      | 0.000 | 2.182 | 77.191 | 20.183 | 0.427 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1413.37    |
| 14  | 0.6668           | 1133.7            | 1153.7            |                      | 0.000 | 2.209 | 77.228 | 20.061 | 0.484 | 0.008 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1412.90    |
| 15  | 0.6655           | 1131.6            | 1151.6            |                      | 0.000 | 2.216 | 77.443 | 19.881 | 0.442 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1411.65    |
| 16  | 0.6671           | 1134.1            | 1154.2            |                      | 0.000 | 2.207 | 77.190 | 20.083 | 0.502 | 0.008 | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1413.19    |
| 17  | 0.6699           | 1138.5            | 1158.7            |                      | 0.000 | 2.208 | 76.740 | 20.402 | 0.625 | 0.010 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1415.60    |
| 18  | 0.6700           | 1138.8            | 1159.0            |                      | 0.000 | 2.193 | 76.642 | 20.609 | 0.532 | 0.009 | 0.014 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1415.96    |
| 19  | 0.6693           | 1137.8            | 1157.9            |                      | 0.000 | 2.198 | 76.702 | 20.606 | 0.475 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1415.31    |
| 20  | 0.6690           | 1137.0            | 1157.2            |                      | 0.000 | 2.214 | 76.750 | 20.556 | 0.463 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.73    |
| 21  | 0.6687           | 1136.4            | 1156.6            |                      | 0.000 | 2.216 | 76.822 | 20.484 | 0.462 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.36    |
| 22  | 0.6688           | 1136.7            | 1156.8            |                      | 0.000 | 2.217 | 76.749 | 20.590 | 0.426 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.52    |
| 23  | 0.6677           | 1135.9            | 1156.0            |                      | 0.000 | 2.162 | 76.961 | 20.454 | 0.406 | 0.007 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.68    |
| 24  | 0.6689           | 1137.4            | 1157.6            |                      | 0.000 | 2.181 | 76.732 | 20.647 | 0.423 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1415.34    |
| 25  | 0.6695           | 1138.3            | 1158.5            |                      | 0.000 | 2.176 | 76.634 | 20.743 | 0.429 | 0.007 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1415.88    |
| 26  | 0.6675           | 1137.5            | 1157.6            |                      | 0.000 | 2.041 | 77.053 | 20.471 | 0.418 | 0.007 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1416.91    |
| 27  | 0.6603           | 1126.2            | 1146.1            |                      | 0.000 | 2.058 | 78.443 | 19.123 | 0.360 | 0.007 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1410.40    |
| 28  | 0.6690           | 1137.3            | 1157.5            |                      | 0.000 | 2.194 | 76.741 | 20.600 | 0.447 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1415.12    |
| 29  | 0.6687           | 1137.0            | 1157.2            |                      | 0.000 | 2.180 | 76.823 | 20.524 | 0.456 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1415.12    |
| 30  | 0.6687           | 1136.9            | 1157.0            |                      | 0.000 | 2.191 | 76.849 | 20.456 | 0.486 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.90    |
| 31  | 0.6679           | 1135.7            | 1155.8            |                      | 0.000 | 2.189 | 76.988 | 20.345 | 0.460 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.24    |
| Avg | 0.6676           | 1136.0            | 1155.6            |                      | 0.000 | 2.176 | 77.027 | 20.328 | 0.451 | 0.008 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |    |    |     |       | 1414.30    |

Zone 33

## Williston Basin Interstate Pipeline Co. GQ Source Analysis

|                     |                       |                       |         |
|---------------------|-----------------------|-----------------------|---------|
| GQ Source Number:   | 1202160               | Specific Gravity:     | 0.8057  |
| GQ Source Name:     | BOWMAN BORDER         | BTU Base:             | Dry     |
| Effective Date:     | 12/31/2008 9:00:00 AM | Dry Heat Value:       | 1167.91 |
| Effective End Date: | 2/1/2009 9:00:00 AM   | Wet Heat Value:       | 1147.59 |
| Pressure Base:      | 14.730                | As Deliv. Heat Value: | 1167.91 |
| Viscosity:          |                       |                       |         |

|               |                  | <u>Mol %</u> | <u>Imported<br/>GPM</u> | <u>Calculated<br/>GPM</u> |
|---------------|------------------|--------------|-------------------------|---------------------------|
| C1            | Methane          | 54.199       |                         |                           |
| C2            | Ethane           | 27.642       |                         | 7.371                     |
| C3            | Propane          | 4.486        | 1.232                   | 1.232                     |
| IC4           | Iso-Butane       | 0.100        | 0.032                   | 0.032                     |
| NC4           | N-Butane         | 0.297        | 0.093                   | 0.093                     |
| IC5           | Iso-Pentane      | 0.013        | 0.005                   | 0.005                     |
| NC5           | N-Pentane        | 0.034        | 0.012                   | 0.012                     |
| C6+           | Hexanes Plus     | 0.004        | 0.002                   | 0.002                     |
| CO2           | Carbon Dioxide   | 2.272        |                         |                           |
| N2            | Nitrogen         | 10.951       |                         |                           |
| O2            | Oxygen           | 0.000        |                         |                           |
| HE            | Helium           |              |                         |                           |
| H2            | Hydrogen         |              |                         |                           |
| H2S           | Hydrogen Sulfide |              |                         |                           |
| <b>Totals</b> |                  | 99.998       | 1.377                   | 8.748                     |

**Sample Date:** 12/18/2008 12:00:00 AM  
**Sample Type:** Composite  
**Sample Tech:** sampler  
**Sample Remarks:** Zone 34  
**Analysis Remarks:**

## Williston Basin Interstate Pipeline Co. GQ Source Analysis

|                            |                      |                              |        |
|----------------------------|----------------------|------------------------------|--------|
| <b>GQ Source Number:</b>   | 1201140              | <b>Specific Gravity:</b>     | 0.5740 |
| <b>GQ Source Name:</b>     | EAGLE 8B ND          | <b>BTU Base:</b>             | Dry    |
| <b>Effective Date:</b>     | 7/1/2008 9:00:00 AM  | <b>Dry Heat Value:</b>       | 974.02 |
| <b>Effective End Date:</b> | 1/18/2038 9:14:07 PM | <b>Wet Heat Value:</b>       | 957.16 |
| <b>Pressure Base:</b>      | 14.730               | <b>As Deliv. Heat Value:</b> | 974.02 |
| <b>Viscosity:</b>          |                      |                              |        |

|               |                  | <u>Mol %</u> | <u>Imported<br/>GPM</u> | <u>Calculated<br/>GPM</u> |
|---------------|------------------|--------------|-------------------------|---------------------------|
| C1            | Methane          | 95.505       |                         |                           |
| C2            | Ethane           | 0.281        | 0.076                   | 0.075                     |
| C3            | Propane          | 0.009        | 0.002                   | 0.002                     |
| IC4           | Iso-Butane       | 0.007        | 0.002                   | 0.002                     |
| NC4           | N-Butane         | 0.000        | 0.000                   |                           |
| IC5           | Iso-Pentane      | 0.000        | 0.000                   |                           |
| NC5           | N-Pentane        | 0.000        | 0.000                   |                           |
| C6+           | Hexanes Plus     | 0.000        | 0.000                   | 0.000                     |
| CO2           | Carbon Dioxide   | 0.072        |                         |                           |
| N2            | Nitrogen         | 4.126        |                         |                           |
| O2            | Oxygen           | 0.000        |                         |                           |
| HE            | Helium           | 0.000        |                         |                           |
| H2            | Hydrogen         | 0.000        |                         |                           |
| H2S           | Hydrogen Sulfide | 0.000        |                         |                           |
| <b>Totals</b> |                  | 100.000      | 0.080                   | 0.080                     |

**Sample Date:** 6/13/2006 9:00:00 AM  
**Sample Type:** Spot  
**Sample Tech:** MG  
**Sample Remarks:** Zone 35

**Analysis Remarks:**

| <b>NORTH DAKOTA HEATING VALUE ZONES</b> |                         |                                |
|---|-------------------------|--------------------------------|
| <b>ZONES</b>                            | <b>MEASURING DEVICE</b> | <b>LOCATION</b>                |
| 211                                     | Chromatograph           | Sidney Area                    |
| 24                                      | Monthly Sampler         | Williston Area                 |
| 25                                      | Monthly Sampler         | Watford City Area              |
| 261                                     | Chromatograph           | Williston – Tioga – Minot Line |
| 262                                     | Chromatograph           | Minot Area                     |
| 263                                     | Monthly Sampler         | Tioga – Portal                 |
| 264                                     | Monthly Sampler         | Williston – Ray                |
| 271                                     | Chromatograph           | Bismarck – Cleveland           |
| 272                                     | Chromatograph           | Cleveland – Mapleton           |
| 273                                     | Chromatograph           | Cleveland – Grafton            |
| 28                                      | Chromatograph           | Bismarck                       |
| 31                                      | Chromatograph           | Dickinson                      |
| 32                                      | Chromatograph           | Cabin Creek – Dickinson        |
| 33                                      | Chromatograph           | Killdeer                       |
| 34                                      | Monthly Sampler         | Bowman Area                    |
| 35                                      | Monthly Sampler         | Baker Field – North Dakota     |

MONTANA DAKOTA UTILITIES CO  
 NORTH DAKOTA  
 HEATING VALUE DATA  
 12 MONTH ACCUMULATIVE AT 14.73 psia, 60 f. DRY

| STATE | ZONE | ZONE BOUNDARY                 | JAN 09 | DEC 08 | NOV 08 | OCT 08 | SEPT 08 | AUG 08 | JULY 08 | JUNE 08 | MAY 08 | APR 08 | MAR 08 | FEB 08 | ZONE |
|-------|------|-------------------------------|--------|--------|--------|--------|---------|--------|---------|---------|--------|--------|--------|--------|------|
| MT/ND | 211  | Sidney Area                   | 1145   | 1021   | 1065   | 1184   | 1198    | 1194   | 1192    | 1195    | 1190   | 1180   | 1095   | 1028   | 21   |
| ND    | 24   | Williston Area                | 1178   | 1158   | 1195   | 1171   | 1173    | 1189   | 1189    | 1189    | 1193   | 1167   | 1160   | 1173   | 24   |
| ND    | 25   | Watford City Area             | 1127   | 1130   | 1127   | 1126   | 1129    | 1131   | 1132    | 1130    | 1130   | 1120   | 1119   | 1125   | 25   |
| ND    | 261  | Williston - Toga - Minot Line | 1134   | 1102   | 1123   | 1148   | 1112    | 1130   | 1148    | 1141    | 1147   | 1155   | 1140   | 1126   | 261  |
| ND    | 262  | Minot Area                    | 1137   | 1105   | 1129   | 1147   | 1133    | 1141   | 1147    | 1144    | 1152   | 1156   | 1141   | 1127   | 262  |
| ND    | 263  | Toga - Portal                 | 1131   | 1103   | 1139   | 1125   | 1142    | 1145   | 1141    | 1141    | 1132   | 1127   | 1125   | 1130   | 263  |
| ND    | 264  | Williston - Ray               | 1180   | 1158   | 1195   | 1171   | 1173    | 1189   | 1189    | 1189    | 1193   | 1167   | 1125   | 1130   | 264  |
| ND    | 271  | Bismarck - Cleveland          | 1110   | 1056   | 1081   | 1129   | 1127    | 1140   | 1146    | 1142    | 1151   | 1138   | 1086   | 1053   | 271  |
| ND    | 272  | Cleveland - Mapleton          | 1109   | 1056   | 1080   | 1129   | 1126    | 1140   | 1146    | 1142    | 1151   | 1137   | 1086   | 1052   | 272  |
| ND    | 273  | Cleveland - Grafton           | 1110   | 1056   | 1080   | 1129   | 1127    | 1140   | 1146    | 1142    | 1151   | 1137   | 1086   | 1052   | 273  |
| ND    | 28   | Bismarck - Cabin Creek        | 1067   | 1028   | 1020   | 1013   | 1038    | 1116   | 1147    | 1143    | 1135   | 1035   | 1023   | 1022   | 28   |
| ND    | 31   | Dickinson Area                | 1029   | 1028   | 1018   | 1008   | 1038    | 1044   | 1040    | 1032    | 1037   | 1023   | 1022   | 1021   | 31   |
| ND/MT | 32   | Cabin Creek - Dickinson       | 1026   | 1027   | 1018   | 1007   | 1032    | 1036   | 1036    | 1027    | 1031   | 1019   | 1020   | 1019   | 32   |
| ND    | 33   | Killdeer                      | 1147   | 1156   | 1154   | 1160   | 1158    | 1161   | 1158    | 1149    | 1146   | 1126   | 1122   | 1118   | 33   |
| ND    | 34   | Bowman Area                   | 1168   | 1168   | 1168   | 1160   | 1176    | 1179   | 1170    | 1165    | 1167   | 1158   | 1161   | 1165   | 34   |
| ND    | 35   | Baker Field - North Dakota    | 975    | 974    | 974    | 974    | 974     | 974    | 974     | 976     | 976    | 976    | 976    | 976    | 35   |

**THERMAL ZONE VARIANCE  
DOCUMENTATION**

**January 2009**

| <b>ZONE</b> | <b>BTU<br/>VARIANCE</b> | <b>REASON</b>                           |
|-------------|-------------------------|---|
| 211         | -44                     | Receipt from Saco Area and Sidney Plant |
| 24          | -37                     | Receipt from Sidney and Red Wing Plants |
| 261         | -21                     | Combination of Area Receipts            |
| 264         | -37                     | Receipt from Sidney and Red Wing Plants |
| 271         | -25                     | Receipt from Dickinson and Minot Area   |
| 272         | -24                     | Receipt from Dickinson and Minot Area   |
| 273         | -24                     | Receipt from Dickinson and Minot Area   |