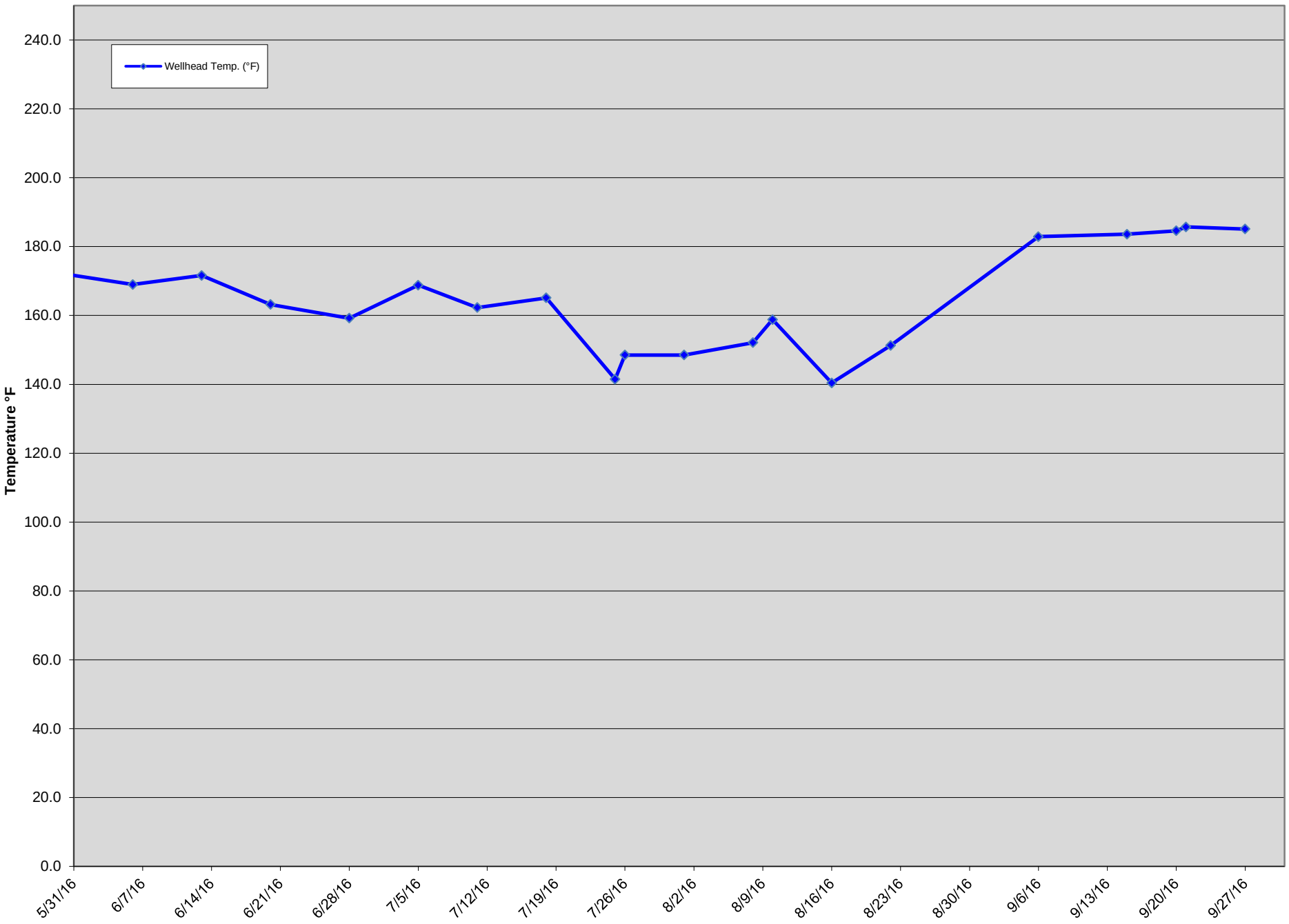
| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (°F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-01 | 05/31/16 | | | | | | | Y | |
| GIW-01 | 06/01/16 | | | | | | | Y | |
| GIW-01 | 06/02/16 | | | | | | | Y | |
| GIW-01 | 06/03/16 | | | | | | | Y | |
| GIW-01 | 06/04/16 | | | | | | | Y | |
| GIW-01 | 06/05/16 | | | | | | | Y | |
| GIW-01 | 06/06/16 | 1.8 | 60.7 | 2.2 | 35.3 | 169.0 | -15.98 | Y | |
| GIW-01 | 06/07/16 | | | | | | | Y | |
| GIW-01 | 06/08/16 | | | | | | | Y | |
| GIW-01 | 06/09/16 | | | | | | | Y | |
| GIW-01 | 06/10/16 | | | | | | | Y | |
| GIW-01 | 06/11/16 | | | | | | | Y | |
| GIW-01 | 06/12/16 | | | | | | | Y | |
| GIW-01 | 06/13/16 | 1.5 | 61.1 | 2.0 | 35.4 | 171.6 | -16.49 | Y | |
| GIW-01 | 06/14/16 | | | | | | | Y | |
| GIW-01 | 06/15/16 | | | | | | | Y | |
| GIW-01 | 06/16/16 | | | | | | | Y | |
| GIW-01 | 06/17/16 | | | | | | | Y | |
| GIW-01 | 06/18/16 | | | | | | | Y | |
| GIW-01 | 06/19/16 | | | | | | | Y | |
| GIW-01 | 06/20/16 | 1.6 | 57.0 | 2.3 | 39.1 | 163.2 | -17.94 | Y | |
| GIW-01 | 06/21/16 | | | | | | | Y | |
| GIW-01 | 06/22/16 | | | | | | | Y | |
| GIW-01 | 06/23/16 | | | | | | | Y | |
| GIW-01 | 06/24/16 | | | | | | | Y | |
| GIW-01 | 06/25/16 | | | | | | | Y | |
| GIW-01 | 06/26/16 | | | | | | | Y | |
| GIW-01 | 06/27/16 | | | | | | | Y | |
| GIW-01 | 06/28/16 | 1.6 | 53.7 | 4.8 | 39.9 | 159.2 | -17.46 | Y | |
| GIW-01 | 06/29/16 | | | | | | | Y | |
| GIW-01 | 06/30/16 | | | | | | | Y | |
| GIW-01 | 07/01/16 | | | | | | | Y | |
| GIW-01 | 07/02/16 | | | | | | | Y | |
| GIW-01 | 07/03/16 | | | | | | | Y | |
| GIW-01 | 07/04/16 | | | | | | | Y | |
| GIW-01 | 07/05/16 | 1.8 | 56.4 | 3.1 | 38.7 | 168.8 | -17.17 | Y | |
| GIW-01 | 07/06/16 | | | | | | | Y | |
| GIW-01 | 07/07/16 | | | | | | | Y | |
| GIW-01 | 07/08/16 | | | | | | | Y | |
| GIW-01 | 07/09/16 | | | | | | | Y | |
| GIW-01 | 07/10/16 | | | | | | | Y | |
| GIW-01 | 07/11/16 | 2.8 | 57.9 | 2.9 | 36.4 | 162.3 | -17.38 | Y | |
| GIW-01 | 07/12/16 | | | | | | | Y | |
| GIW-01 | 07/13/16 | | | | | | | Y | |
| GIW-01 | 07/14/16 | | | | | | | Y | |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (°F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-01 | 07/15/16 | | | | | | | Y | |
| GIW-01 | 07/16/16 | | | | | | | Y | |
| GIW-01 | 07/17/16 | | | | | | | Y | |
| GIW-01 | 07/18/16 | 1.2 | 46.7 | 8.0 | 44.1 | 165.1 | -17.59 | Y | |
| GIW-01 | 07/19/16 | | | | | | | Y | |
| GIW-01 | 07/20/16 | | | | | | | Y | |
| GIW-01 | 07/21/16 | | | | | | | Y | |
| GIW-01 | 07/22/16 | | | | | | | Y | |
| GIW-01 | 07/23/16 | | | | | | | Y | |
| GIW-01 | 07/24/16 | | | | | | | Y | |
| GIW-01 | 07/25/16 | 0.4 | 16.3 | 16.9 | 66.4 | 141.5 | -16.97 | Y | |
| GIW-01 | 07/26/16 | 0.6 | 22.1 | 16.7 | 60.6 | 148.5 | -16.91 | Y | |
| GIW-01 | 07/27/16 | | | | | | | Y | |
| GIW-01 | 07/28/16 | | | | | | | Y | |
| GIW-01 | 07/29/16 | | | | | | | Y | |
| GIW-01 | 07/30/16 | | | | | | | Y | |
| GIW-01 | 07/31/16 | | | | | | | Y | |
| GIW-01 | 08/01/16 | 0.6 | 26.7 | 14.3 | 58.4 | 148.5 | -8.16 | Y | |
| GIW-01 | 08/02/16 | | | | | | | Y | |
| GIW-01 | 08/03/16 | | | | | | | Y | |
| GIW-01 | 08/04/16 | | | | | | | Y | |
| GIW-01 | 08/05/16 | | | | | | | Y | |
| GIW-01 | 08/06/16 | | | | | | | Y | |
| GIW-01 | 08/07/16 | | | | | | | Y | |
| GIW-01 | 08/08/16 | 1.0 | 31.7 | 12.7 | 54.6 | 152.1 | -5.02 | Y | |
| GIW-01 | 08/09/16 | | | | | | | Y | |
| GIW-01 | 08/10/16 | 1.2 | 33.6 | 12.3 | 52.9 | 158.8 | -5.31 | Y | |
| GIW-01 | 08/11/16 | | | | | | | Y | |
| GIW-01 | 08/12/16 | | | | | | | Y | |
| GIW-01 | 08/13/16 | | | | | | | Y | |
| GIW-01 | 08/14/16 | | | | | | | Y | |
| GIW-01 | 08/15/16 | | | | | | | Y | |
| GIW-01 | 08/16/16 | 0.9 | 33.8 | 12.1 | 53.2 | 140.4 | -1.88 | Y | |
| GIW-01 | 08/17/16 | | | | | | | Y | |
| GIW-01 | 08/18/16 | | | | | | | Y | |
| GIW-01 | 08/19/16 | | | | | | | Y | |
| GIW-01 | 08/20/16 | | | | | | | Y | |
| GIW-01 | 08/21/16 | | | | | | | Y | |
| GIW-01 | 08/22/16 | 1.4 | 44.4 | 7.6 | 46.6 | 151.3 | -0.68 | Y | |
| GIW-01 | 08/23/16 | | | | | | | Y | |
| GIW-01 | 08/24/16 | | | | | | | Y | |
| GIW-01 | 08/25/16 | | | | | | | Y | |
| GIW-01 | 08/26/16 | | | | | | | Y | |
| GIW-01 | 08/27/16 | | | | | | | Y | |
| GIW-01 | 08/28/16 | | | | | | | Y | |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (°F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-01 | 08/29/16 | | | | | | | Y | |
| GIW-01 | 08/30/16 | | | | | | | Y | |
| GIW-01 | 08/31/16 | | | | | | | Y | |
| GIW-01 | 09/01/16 | | | | | | | Y | |
| GIW-01 | 09/02/16 | | | | | | | Y | |
| GIW-01 | 09/03/16 | | | | | | | Y | |
| GIW-01 | 09/04/16 | | | | | | | Y | |
| GIW-01 | 09/05/16 | | | | | | | Y | |
| GIW-01 | 09/06/16 | 5.0 | 63.0 | 0.8 | 31.2 | 182.9 | -4.35 | Y | |
| GIW-01 | 09/07/16 | | | | | | | Y | |
| GIW-01 | 09/08/16 | | | | | | | Y | |
| GIW-01 | 09/09/16 | | | | | | | Y | |
| GIW-01 | 09/10/16 | | | | | | | Y | |
| GIW-01 | 09/11/16 | | | | | | | Y | |
| GIW-01 | 09/12/16 | | | | | | | Y | |
| GIW-01 | 09/13/16 | | | | | | | Y | |
| GIW-01 | 09/14/16 | | | | | | | Y | |
| GIW-01 | 09/15/16 | 3.3 | 61.8 | 1.8 | 33.1 | 183.6 | -3.72 | Y | |
| GIW-01 | 09/16/16 | | | | | | | Y | |
| GIW-01 | 09/17/16 | | | | | | | Y | |
| GIW-01 | 09/18/16 | | | | | | | Y | |
| GIW-01 | 09/19/16 | | | | | | | Y | |
| GIW-01 | 09/20/16 | 2.6 | 64.6 | 0.4 | 32.4 | 184.6 | -0.44 | Y | |
| GIW-01 | 09/21/16 | 2.8 | 65.6 | 0.3 | 31.3 | 185.7 | -0.94 | Y | |
| GIW-01 | 09/22/16 | | | | | | | Y | |
| GIW-01 | 09/23/16 | | | | | | | Y | |
| GIW-01 | 09/24/16 | | | | | | | Y | |
| GIW-01 | 09/25/16 | | | | | | | Y | |
| GIW-01 | 09/26/16 | | | | | | | Y | |
| GIW-01 | 09/27/16 | 3.9 | 65.9 | 0.3 | 29.9 | 185.1 | -0.59 | Y | |
| GIW-01 | 09/28/16 | | | | | | | Y | |
| GIW-01 | 09/29/16 | | | | | | | Y | |
| GIW-01 | 09/30/16 | | | | | | | Y | |
| GIW-01 | 10/01/16 | | | | | | | Y | |

# GIW-1 Wellhead Temperatures

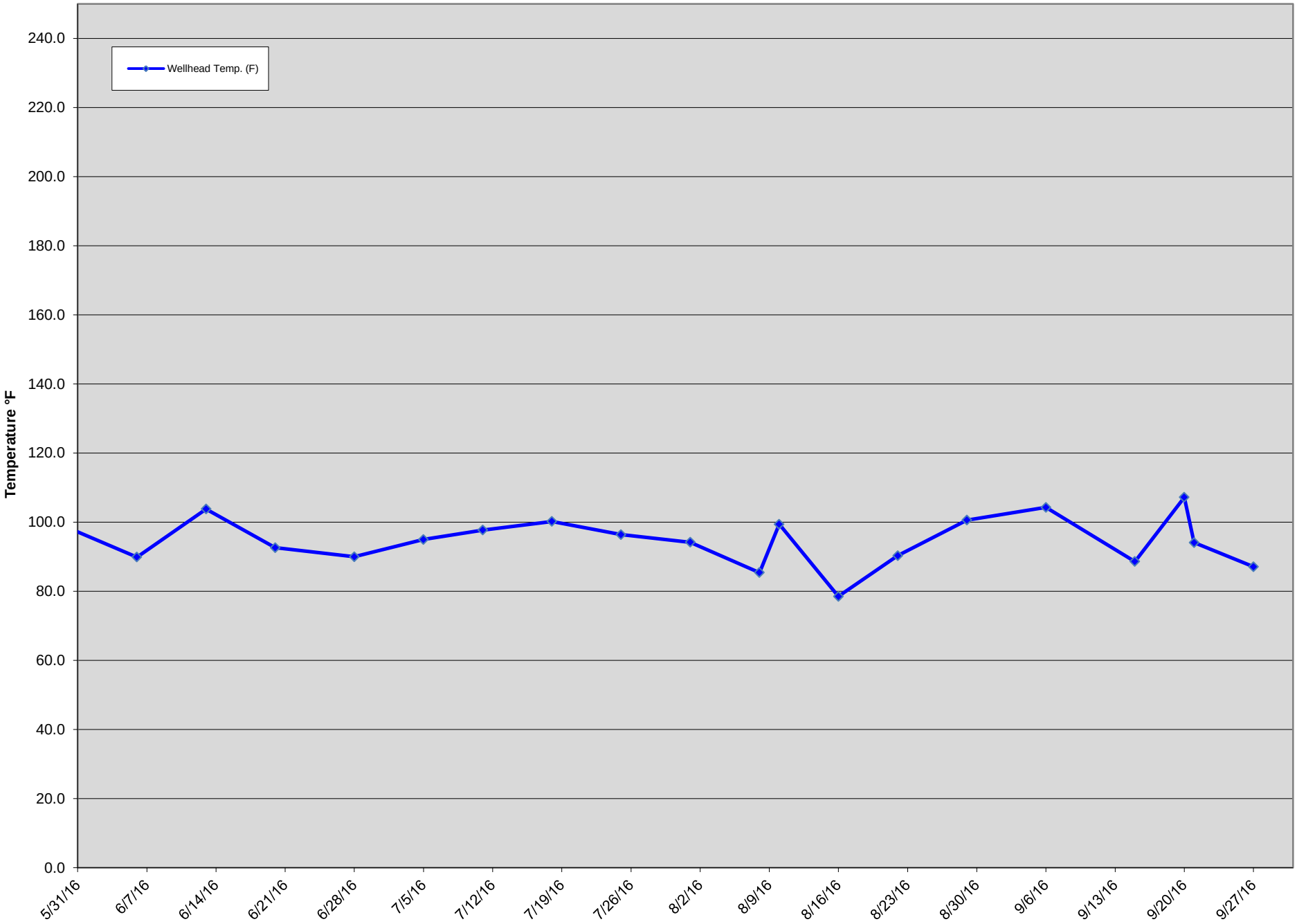


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-02 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/06/16 | 8.1 | 52.9 | 2.8 | 36.2 | 89.9 | -0.07 | N/A | (HES Installed) |
| GIW-02 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/13/16 | 5.4 | 50.0 | 4.7 | 39.9 | 103.8 | -0.12 | N/A | (HES Installed) |
| GIW-02 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/20/16 | 4.0 | 38.0 | 9.0 | 49.0 | 92.6 | -0.22 | N/A | (HES Installed) |
| GIW-02 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/28/16 | 7.4 | 54.2 | 1.9 | 36.5 | 90.0 | -0.12 | N/A | (HES Installed) |
| GIW-02 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/05/16 | 7.6 | 52.6 | 2.8 | 37.0 | 95.0 | -0.13 | N/A | (HES Installed) |
| GIW-02 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/11/16 | 10.1 | 48.5 | 4.4 | 37.0 | 97.7 | -0.14 | N/A | (HES Installed) |
| GIW-02 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/14/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-02 | 07/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/18/16 | 5.6 | 42.0 | 8.5 | 43.9 | 100.2 | -0.17 | N/A | (HES Installed) |
| GIW-02 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/25/16 | 6.5 | 43.0 | 6.9 | 43.6 | 96.4 | -0.46 | N/A | (HES Installed) |
| GIW-02 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/01/16 | 7.5 | 41.0 | 8.0 | 43.5 | 94.2 | -0.44 | N/A | (HES Installed) |
| GIW-02 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/08/16 | 7.4 | 35.8 | 10.3 | 46.5 | 85.4 | -0.49 | N/A | (HES Installed) |
| GIW-02 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/10/16 | 7.6 | 38.9 | 9.3 | 44.2 | 99.4 | -0.42 | N/A | (HES Installed) |
| GIW-02 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/16/16 | 5.4 | 34.2 | 11.5 | 48.9 | 78.5 | -0.47 | N/A | (HES Installed) |
| GIW-02 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/22/16 | 6.7 | 33.8 | 10.6 | 48.9 | 90.3 | -0.44 | N/A | (HES Installed) |
| GIW-02 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/28/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-02 | 08/29/16 | 7.2 | 34.6 | 10.4 | 47.8 | 100.6 | -0.43 | N/A | (HES Installed) |
| GIW-02 | 08/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/06/16 | 5.3 | 29.2 | 11.5 | 54.0 | 104.3 | -0.51 | N/A | (HES Installed) |
| GIW-02 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/15/16 | 3.3 | 21.5 | 14.6 | 60.6 | 88.6 | -0.40 | N/A | (HES Installed) |
| GIW-02 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/20/16 | 1.5 | 18.2 | 15.2 | 65.1 | 107.2 | -0.35 | N/A | (HES Installed) |
| GIW-02 | 09/21/16 | 3.2 | 27.7 | 12.2 | 56.9 | 94.1 | -0.30 | N/A | (HES Installed) |
| GIW-02 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/27/16 | 5.9 | 33.0 | 10.3 | 50.8 | 87.1 | -0.27 | N/A | (HES Installed) |
| GIW-02 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-02 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-2 Wellhead Temperatures

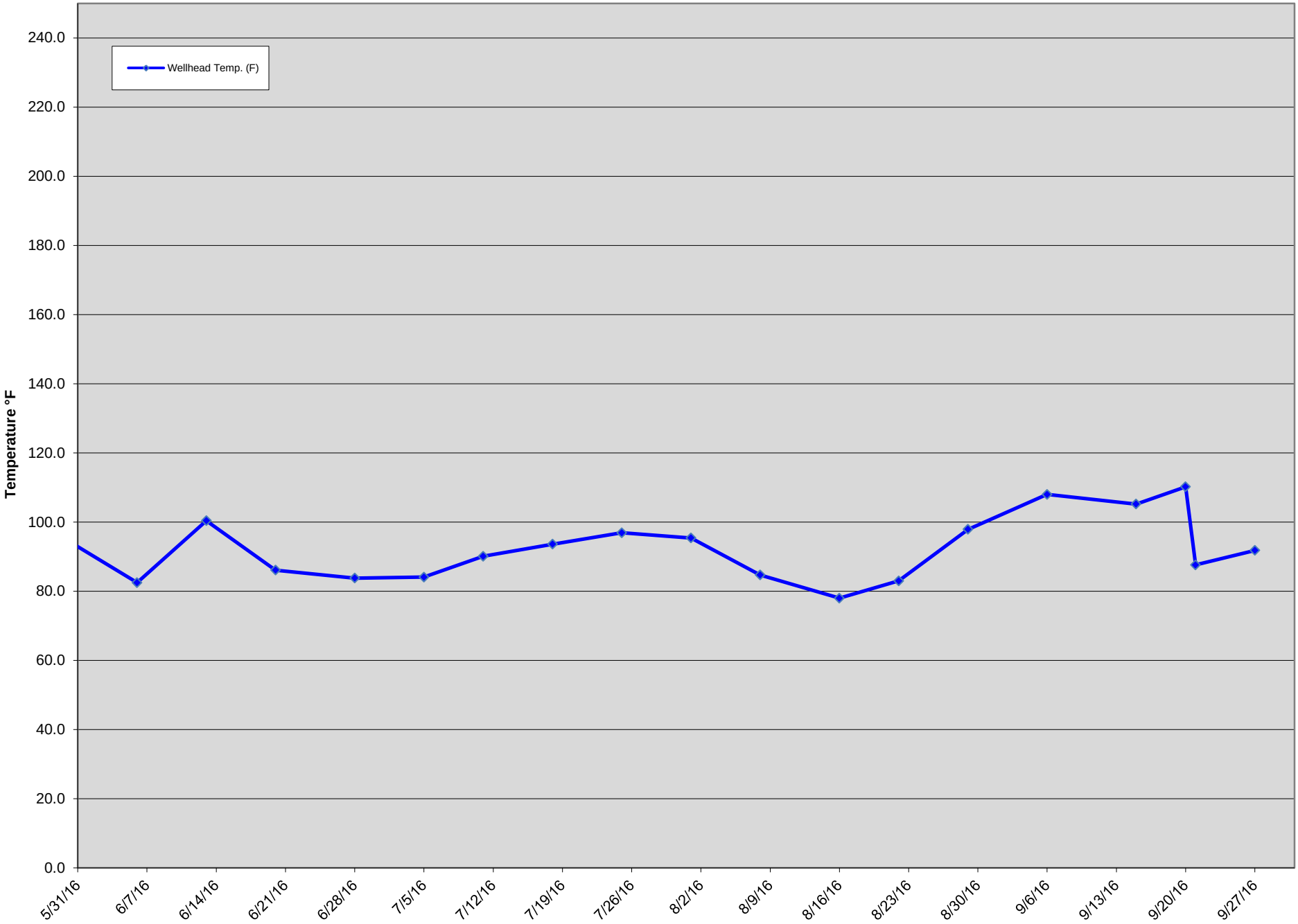


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-03 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/06/16 | 0.4 | 64.0 | 0.3 | 35.3 | 82.5 | -0.15 | N/A | (HES Installed) |
| GIW-03 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/13/16 | 0.4 | 64.7 | 0.0 | 34.9 | 100.4 | -0.28 | N/A | (HES Installed) |
| GIW-03 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/20/16 | 0.5 | 53.0 | 4.0 | 42.5 | 86.1 | -0.73 | N/A | (HES Installed) |
| GIW-03 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/28/16 | 0.6 | 61.6 | 0.0 | 37.8 | 83.8 | -0.32 | N/A | (HES Installed) |
| GIW-03 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/05/16 | 1.1 | 52.6 | 4.7 | 41.6 | 84.1 | -1.34 | N/A | (HES Installed) |
| GIW-03 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/11/16 | 1.0 | 57.2 | 3.0 | 38.8 | 90.1 | -1.41 | N/A | (HES Installed) |
| GIW-03 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/15/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-03 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/18/16 | 0.6 | 62.1 | 0.1 | 37.2 | 93.6 | -0.14 | N/A | (HES Installed) |
| GIW-03 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/25/16 | 0.6 | 53.3 | 4.8 | 41.3 | 96.9 | -3.56 | N/A | (HES Installed) |
| GIW-03 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/01/16 | 0.8 | 52.4 | 4.2 | 42.6 | 95.4 | -3.72 | N/A | (HES Installed) |
| GIW-03 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/08/16 | 0.1 | 54.9 | 1.8 | 43.2 | 84.7 | -0.53 | N/A | (HES Installed) |
| GIW-03 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/16/16 | 0.7 | 68.9 | 0.2 | 30.2 | 78.0 | -0.77 | N/A | (HES Installed) |
| GIW-03 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/22/16 | 0.9 | 57.7 | 2.7 | 38.7 | 83.0 | -0.72 | N/A | (HES Installed) |
| GIW-03 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 08/29/16 | 0.7 | 69.9 | 0.8 | 28.6 | 97.9 | -0.55 | N/A | (HES Installed) |
| GIW-03 | 08/30/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-03 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/06/16 | 2.1 | 49.8 | 5.2 | 42.9 | 108.0 | -10.41 | N/A | (HES Installed) |
| GIW-03 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/15/16 | 2.1 | 50.8 | 6.5 | 40.6 | 105.2 | -15.63 | N/A | (HES Installed) |
| GIW-03 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/20/16 | 2.1 | 45.8 | 6.0 | 46.1 | 110.2 | -3.73 | N/A | (HES Installed) |
| GIW-03 | 09/21/16 | 1.4 | 54.9 | 3.3 | 40.4 | 87.6 | -0.61 | N/A | (HES Installed) |
| GIW-03 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/27/16 | 1.5 | 58.0 | 1.9 | 38.6 | 91.8 | -0.45 | N/A | (HES Installed) |
| GIW-03 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-03 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-3 Wellhead Temperatures

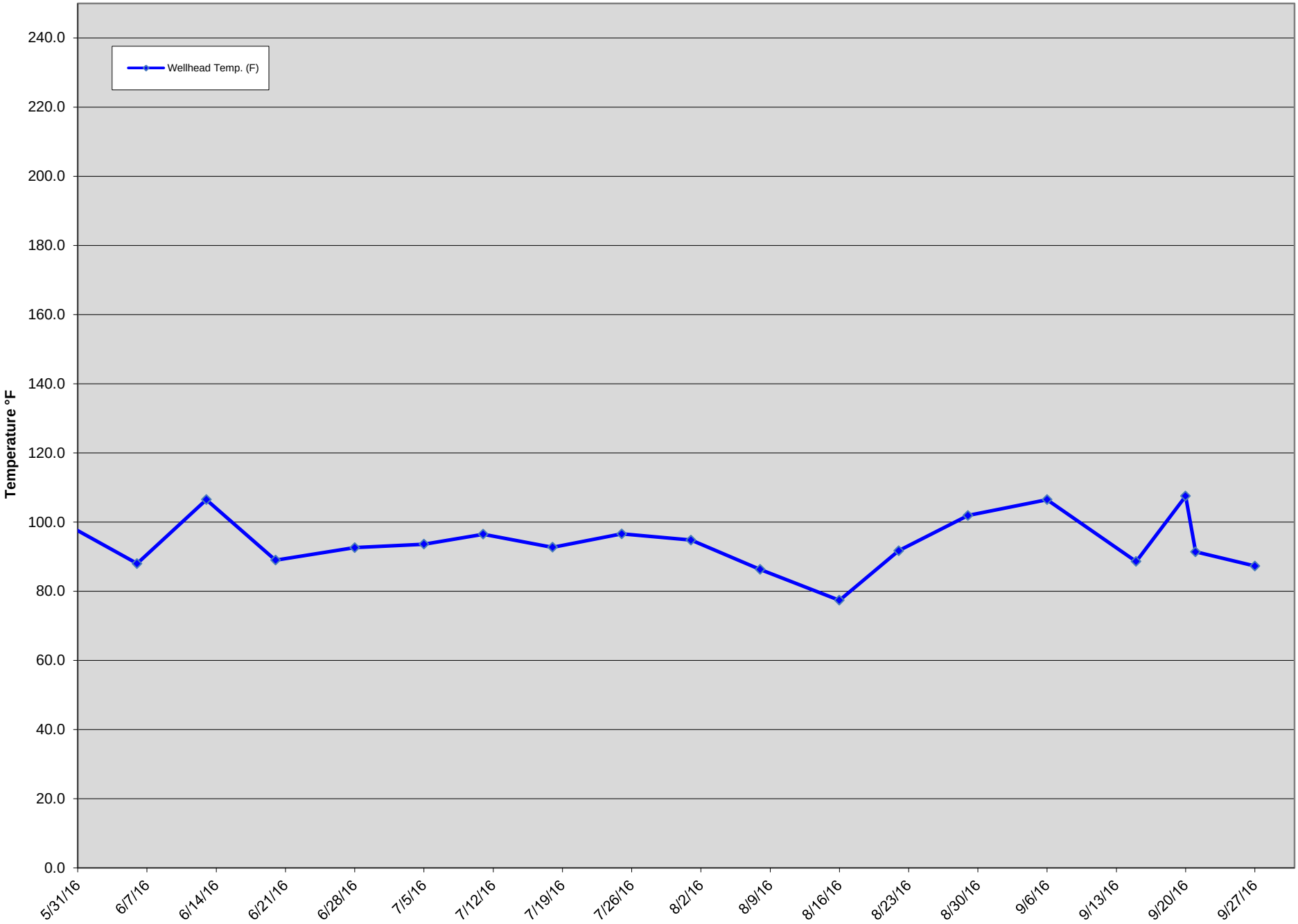


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-04 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/06/16 | 0.5 | 40.0 | 8.1 | 51.4 | 88.0 | -6.60 | N/A | (HES Installed) |
| GIW-04 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/13/16 | 0.6 | 47.1 | 3.9 | 48.4 | 106.5 | -3.86 | N/A | (HES Installed) |
| GIW-04 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/20/16 | 0.8 | 56.9 | 0.0 | 42.3 | 89.0 | -0.92 | N/A | (HES Installed) |
| GIW-04 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/28/16 | 0.5 | 56.8 | 0.1 | 42.6 | 92.6 | -5.88 | N/A | (HES Installed) |
| GIW-04 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/05/16 | 0.8 | 56.3 | 0.0 | 42.9 | 93.6 | -10.74 | N/A | (HES Installed) |
| GIW-04 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/11/16 | 1.3 | 57.2 | 0.0 | 41.5 | 96.5 | -8.92 | N/A | (HES Installed) |
| GIW-04 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/15/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-04 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/18/16 | 0.9 | 57.0 | 0.2 | 41.9 | 92.7 | -7.61 | N/A | (HES Installed) |
| GIW-04 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/25/16 | 0.7 | 60.4 | 0.4 | 38.5 | 96.6 | -9.28 | N/A | (HES Installed) |
| GIW-04 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/01/16 | 0.7 | 55.4 | 0.2 | 43.7 | 94.8 | -10.49 | N/A | (HES Installed) |
| GIW-04 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/08/16 | 1.0 | 54.8 | 0.4 | 43.8 | 86.3 | -9.80 | N/A | (HES Installed) |
| GIW-04 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/16/16 | 0.9 | 60.9 | 0.1 | 38.1 | 77.4 | -10.26 | N/A | (HES Installed) |
| GIW-04 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/22/16 | 0.9 | 57.1 | 0.5 | 41.5 | 91.7 | -8.27 | N/A | (HES Installed) |
| GIW-04 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 08/29/16 | 1.2 | 61.2 | 0.5 | 37.1 | 101.9 | -8.18 | N/A | (HES Installed) |
| GIW-04 | 08/30/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-04 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/06/16 | 1.4 | 55.7 | 1.4 | 41.5 | 106.5 | -9.12 | N/A | (HES Installed) |
| GIW-04 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/15/16 | 1.3 | 58.6 | 0.8 | 39.3 | 88.6 | -13.43 | N/A | (HES Installed) |
| GIW-04 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/20/16 | 1.3 | 58.3 | 0.5 | 39.9 | 107.5 | -3.95 | N/A | (HES Installed) |
| GIW-04 | 09/21/16 | 1.9 | 58.2 | 0.5 | 39.4 | 91.4 | -3.42 | N/A | (HES Installed) |
| GIW-04 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/27/16 | 1.5 | 56.5 | 0.6 | 41.4 | 87.3 | -8.14 | N/A | (HES Installed) |
| GIW-04 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-04 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-4 Wellhead Temperatures

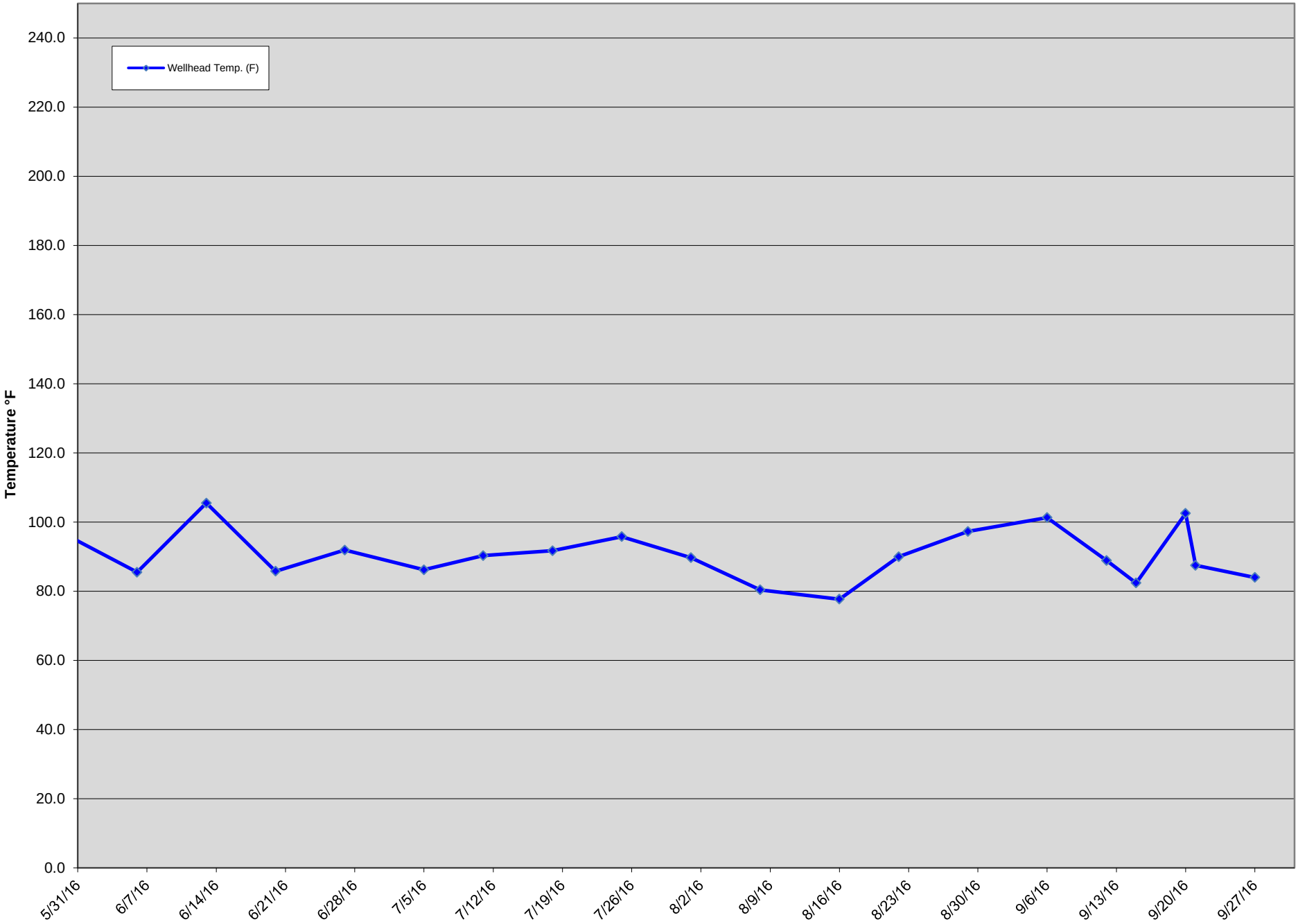


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-05 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/06/16 | 2.3 | 59.6 | 0.4 | 37.7 | 85.5 | -1.13 | N/A | (HES Installed) |
| GIW-05 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/13/16 | 2.0 | 60.2 | 0.0 | 37.8 | 105.5 | -0.82 | N/A | (HES Installed) |
| GIW-05 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/20/16 | 1.8 | 53.2 | 0.1 | 44.9 | 85.8 | -0.18 | N/A | (HES Installed) |
| GIW-05 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/27/16 | 1.9 | 60.2 | 0.0 | 37.9 | 91.9 | -4.44 | N/A | (HES Installed) |
| GIW-05 | 06/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/05/16 | 7.1 | 45.4 | 0.7 | 46.8 | 86.2 | -4.85 | N/A | (HES Installed) |
| GIW-05 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/11/16 | 7.1 | 56.6 | 0.8 | 35.5 | 90.3 | -4.71 | N/A | (HES Installed) |
| GIW-05 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/15/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-05 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/18/16 | 1.9 | 57.9 | 0.8 | 39.4 | 91.7 | -3.06 | N/A | (HES Installed) |
| GIW-05 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/25/16 | 2.1 | 58.0 | 0.7 | 39.2 | 95.8 | -4.95 | N/A | (HES Installed) |
| GIW-05 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/01/16 | 2.7 | 59.0 | 0.5 | 37.8 | 89.7 | -5.37 | N/A | (HES Installed) |
| GIW-05 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/08/16 | 2.9 | 55.4 | 0.8 | 40.9 | 80.4 | -5.70 | N/A | (HES Installed) |
| GIW-05 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/16/16 | 3.5 | 58.4 | 1.0 | 37.1 | 77.7 | -5.86 | N/A | (HES Installed) |
| GIW-05 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/22/16 | 2.0 | 56.4 | 1.1 | 40.5 | 90.0 | -2.78 | N/A | (HES Installed) |
| GIW-05 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 08/29/16 | 2.0 | 56.8 | 1.8 | 39.4 | 97.3 | -2.45 | N/A | (HES Installed) |
| GIW-05 | 08/30/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-05 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/06/16 | 3.3 | 59.1 | 1.6 | 36.0 | 101.3 | -1.66 | N/A | (HES Installed) |
| GIW-05 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/12/16 | 1.8 | 64.2 | 0.3 | 33.7 | 88.9 | -0.16 | N/A | (HES Installed) |
| GIW-05 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/15/16 | 2.3 | 62.5 | 0.2 | 35.0 | 82.4 | -15.02 | N/A | (HES Installed) |
| GIW-05 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/20/16 | 1.2 | 41.1 | 7.5 | 50.2 | 102.5 | -3.48 | N/A | (HES Installed) |
| GIW-05 | 09/21/16 | 2.5 | 55.1 | 0.2 | 42.2 | 87.5 | -1.63 | N/A | (HES Installed) |
| GIW-05 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/27/16 | 2.0 | 57.0 | 1.4 | 39.6 | 84.0 | -16.72 | N/A | (HES Installed) |
| GIW-05 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-05 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-5 Wellhead Temperatures

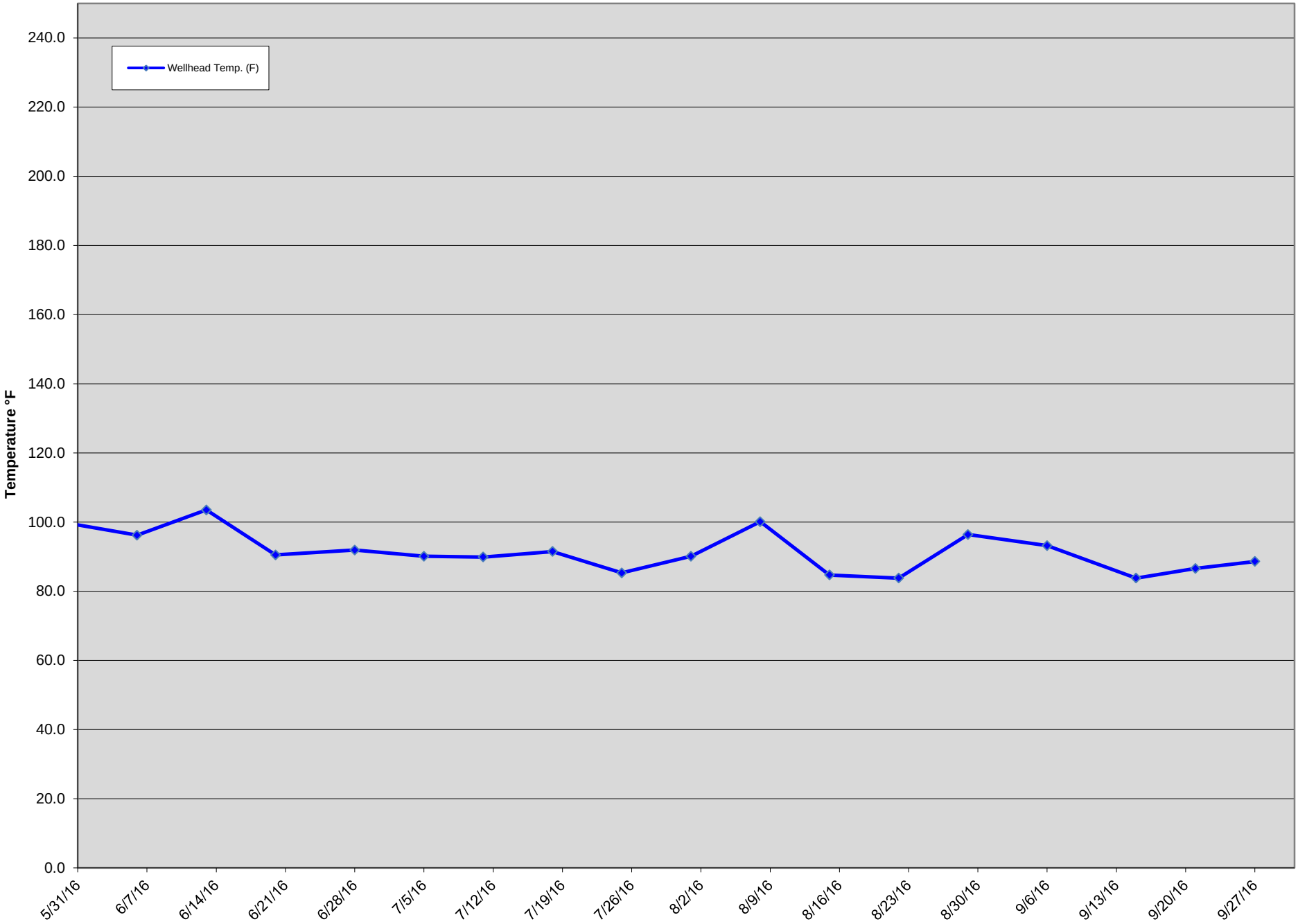


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-06 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/06/16 | 2.8 | 57.3 | 1.0 | 38.9 | 96.2 | -7.10 | N/A | (HES Installed) |
| GIW-06 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/13/16 | 2.1 | 50.7 | 4.0 | 43.2 | 103.5 | -9.47 | N/A | (HES Installed) |
| GIW-06 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/20/16 | 3.4 | 53.2 | 1.3 | 42.1 | 90.5 | -11.15 | N/A | (HES Installed) |
| GIW-06 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/28/16 | 3.2 | 55.7 | 1.2 | 39.9 | 91.9 | -10.40 | N/A | (HES Installed) |
| GIW-06 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/05/16 | 1.5 | 60.3 | 0.0 | 38.2 | 90.1 | -10.87 | N/A | (HES Installed) |
| GIW-06 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/11/16 | 3.4 | 54.3 | 1.3 | 41.0 | 89.9 | -11.29 | N/A | (HES Installed) |
| GIW-06 | 07/12/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-06 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/18/16 | 3.2 | 54.1 | 0.7 | 42.0 | 91.5 | -10.57 | N/A | (HES Installed) |
| GIW-06 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/25/16 | 4.3 | 48.7 | 3.6 | 43.4 | 85.3 | -14.59 | N/A | (HES Installed) |
| GIW-06 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/01/16 | 3.4 | 55.3 | 0.4 | 40.9 | 90.1 | -13.28 | N/A | (HES Installed) |
| GIW-06 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/08/16 | 4.3 | 51.1 | 0.8 | 43.8 | 100.1 | -12.06 | N/A | (HES Installed) |
| GIW-06 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/15/16 | 4.0 | 51.0 | 0.4 | 44.6 | 84.7 | -13.53 | N/A | (HES Installed) |
| GIW-06 | 08/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/22/16 | 4.5 | 49.3 | 0.4 | 45.8 | 83.8 | -11.70 | N/A | (HES Installed) |
| GIW-06 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/24/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-06 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/29/16 | 5.4 | 52.9 | 0.5 | 41.2 | 96.4 | -10.68 | N/A | (HES Installed) |
| GIW-06 | 08/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/06/16 | 4.7 | 53.6 | 0.5 | 41.2 | 93.2 | -10.20 | N/A | (HES Installed) |
| GIW-06 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/15/16 | 6.4 | 50.5 | 0.4 | 42.7 | 83.8 | -16.61 | N/A | (HES Installed) |
| GIW-06 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/21/16 | 11.2 | 54.1 | 0.4 | 34.3 | 86.6 | -10.04 | N/A | (HES Installed) |
| GIW-06 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/27/16 | 9.5 | 57.1 | 0.5 | 32.9 | 88.6 | -17.45 | N/A | (HES Installed) |
| GIW-06 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-06 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-6 Wellhead Temperatures

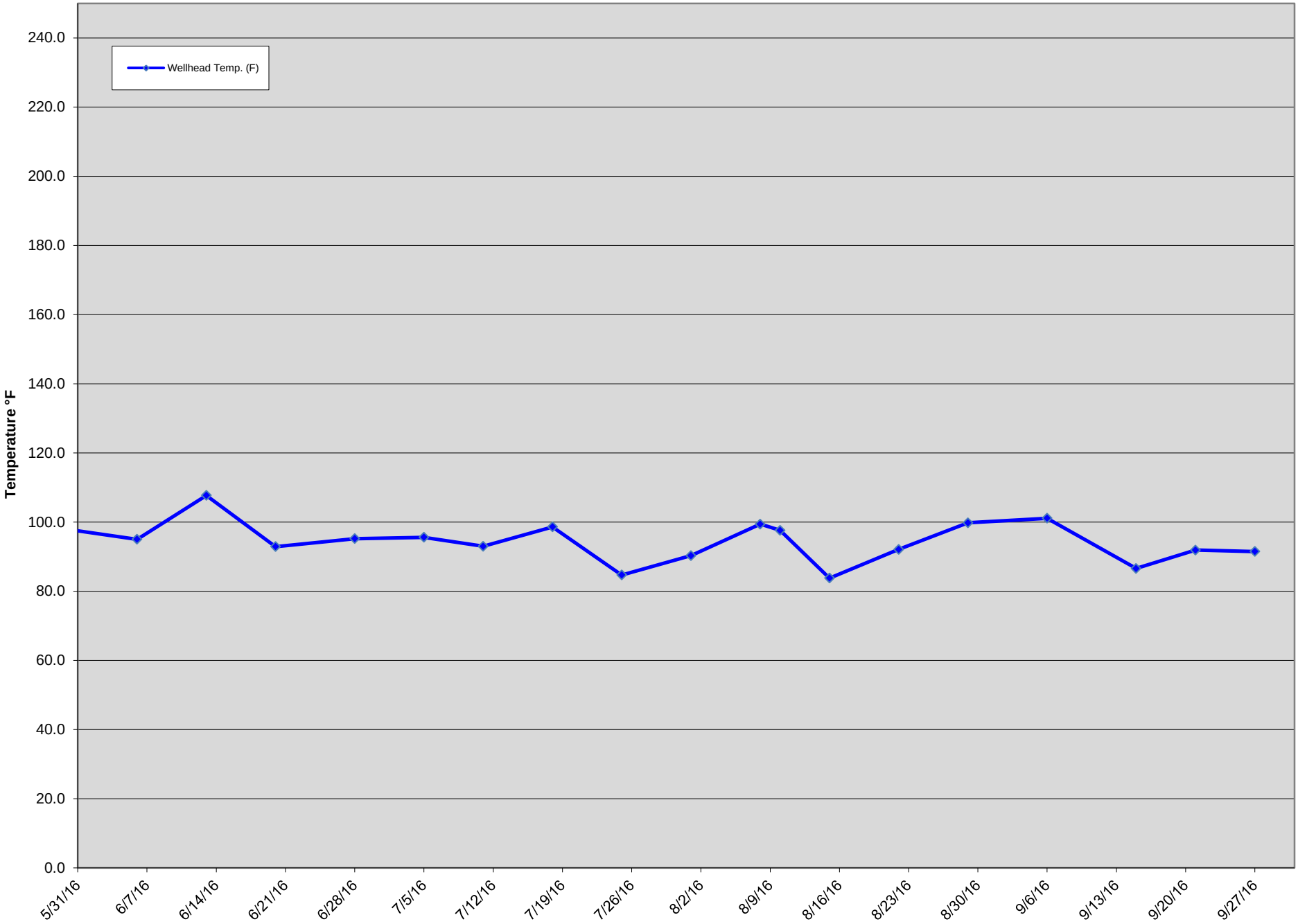


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-07 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/06/16 | 15.4 | 57.7 | 2.0 | 24.9 | 95.0 | -0.20 | N/A | (HES Installed) |
| GIW-07 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/13/16 | 13.9 | 58.7 | 2.1 | 25.3 | 107.7 | -0.65 | N/A | (HES Installed) |
| GIW-07 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/20/16 | 10.6 | 54.6 | 4.6 | 30.2 | 92.9 | -1.24 | N/A | (HES Installed) |
| GIW-07 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/28/16 | 9.5 | 54.4 | 4.8 | 31.3 | 95.2 | -1.44 | N/A | (HES Installed) |
| GIW-07 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/05/16 | 10.0 | 53.5 | 5.1 | 31.4 | 95.6 | -1.70 | N/A | (HES Installed) |
| GIW-07 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/11/16 | 8.1 | 51.9 | 5.3 | 34.7 | 93.0 | -1.54 | N/A | (HES Installed) |
| GIW-07 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/14/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-07 | 07/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/18/16 | 8.0 | 54.8 | 5.2 | 32.0 | 98.6 | -1.71 | N/A | (HES Installed) |
| GIW-07 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/25/16 | 6.6 | 37.2 | 10.8 | 45.4 | 84.7 | -2.55 | N/A | (HES Installed) |
| GIW-07 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/01/16 | 7.7 | 42.3 | 9.7 | 40.3 | 90.3 | -3.47 | N/A | (HES Installed) |
| GIW-07 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/08/16 | 10.6 | 43.2 | 8.6 | 37.6 | 99.4 | -3.56 | N/A | (HES Installed) |
| GIW-07 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/10/16 | 6.2 | 29.1 | 12.8 | 51.9 | 97.6 | -3.49 | N/A | (HES Installed) |
| GIW-07 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/15/16 | 5.4 | 37.3 | 10.6 | 46.7 | 83.8 | -2.39 | N/A | (HES Installed) |
| GIW-07 | 08/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/22/16 | 1.2 | 10.1 | 18.1 | 70.6 | 92.1 | -2.59 | N/A | (HES Installed) |
| GIW-07 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/28/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-07 | 08/29/16 | 1.0 | 7.9 | 19.0 | 72.1 | 99.8 | -2.48 | N/A | (HES Installed) |
| GIW-07 | 08/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/06/16 | 1.5 | 12.2 | 17.2 | 69.1 | 101.1 | -2.33 | N/A | (HES Installed) |
| GIW-07 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/15/16 | 5.3 | 52.2 | 6.4 | 36.1 | 86.6 | -0.61 | N/A | (HES Installed) |
| GIW-07 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/21/16 | 8.1 | 69.9 | 1.1 | 20.9 | 91.9 | -1.80 | N/A | (HES Installed) |
| GIW-07 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/27/16 | 17.7 | 56.3 | 2.1 | 23.9 | 91.5 | -2.80 | N/A | (HES Installed) |
| GIW-07 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-07 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-7 Wellhead Temperatures

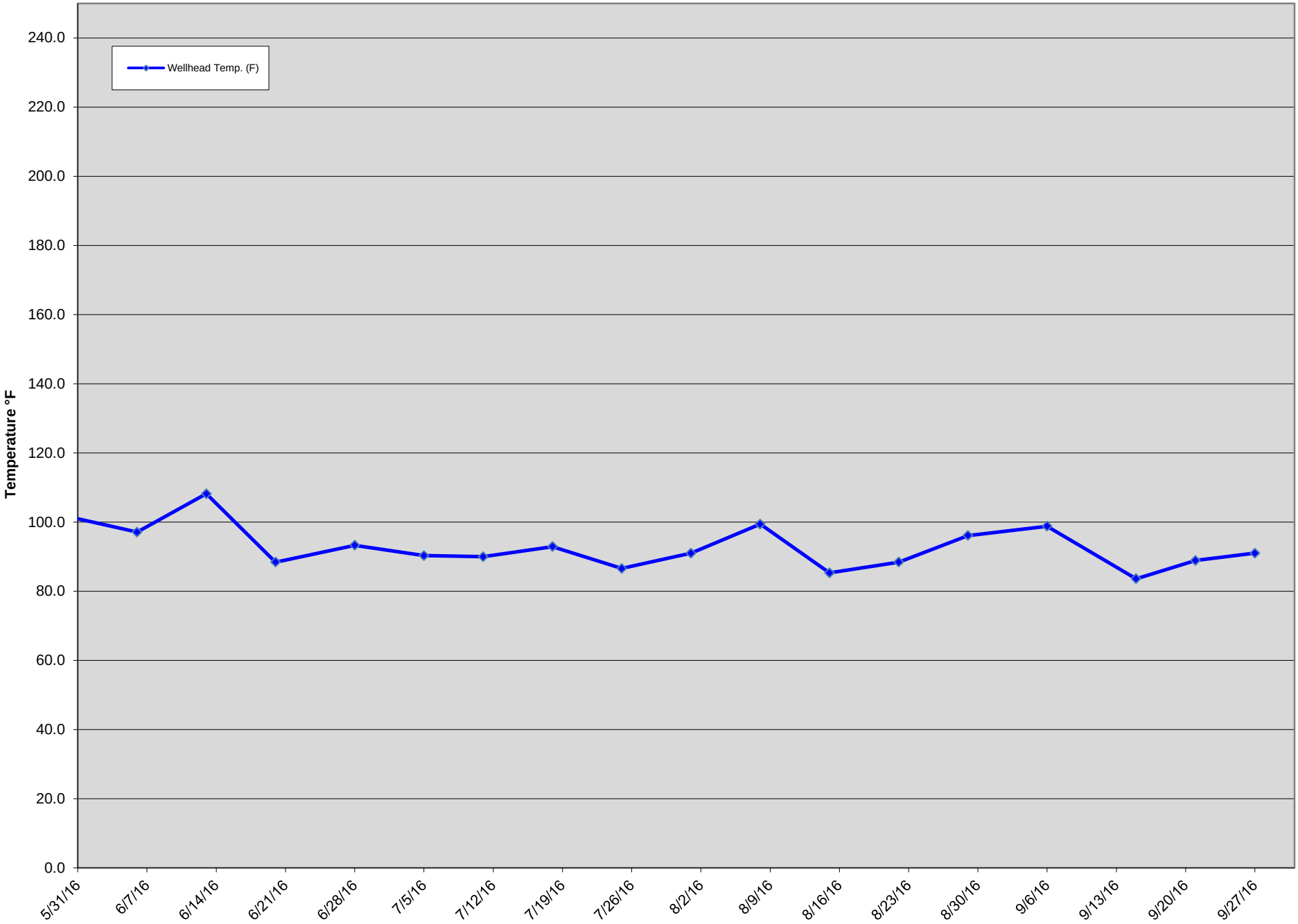


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-08 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/06/16 | 3.1 | 47.7 | 7.2 | 42.0 | 97.1 | -0.80 | N/A | (HES Installed) |
| GIW-08 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/13/16 | 2.8 | 36.4 | 12.4 | 48.4 | 108.2 | -0.67 | N/A | (HES Installed) |
| GIW-08 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/20/16 | 4.1 | 56.3 | 3.8 | 35.8 | 88.4 | -0.85 | N/A | (HES Installed) |
| GIW-08 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/28/16 | 3.2 | 57.4 | 4.7 | 34.7 | 93.3 | -0.88 | N/A | (HES Installed) |
| GIW-08 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/05/16 | 3.5 | 58.0 | 4.9 | 33.6 | 90.3 | -1.02 | N/A | (HES Installed) |
| GIW-08 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/11/16 | 2.9 | 52.8 | 6.5 | 37.8 | 90.0 | -0.91 | N/A | (HES Installed) |
| GIW-08 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/14/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-08 | 07/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/18/16 | 3.7 | 58.0 | 4.3 | 34.0 | 92.9 | -0.95 | N/A | (HES Installed) |
| GIW-08 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/25/16 | 4.8 | 69.4 | 0.3 | 25.5 | 86.6 | -8.30 | N/A | (HES Installed) |
| GIW-08 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/01/16 | 15.1 | 56.9 | 0.0 | 28.0 | 91.0 | -8.92 | N/A | (HES Installed) |
| GIW-08 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/08/16 | 16.7 | 51.9 | 0.2 | 31.2 | 99.4 | -8.33 | N/A | (HES Installed) |
| GIW-08 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/15/16 | 16.2 | 54.5 | 0.2 | 29.1 | 85.3 | -7.23 | N/A | (HES Installed) |
| GIW-08 | 08/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/22/16 | 17.0 | 55.1 | 0.1 | 27.8 | 88.4 | -5.88 | N/A | (HES Installed) |
| GIW-08 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/28/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-08 | 08/29/16 | 17.3 | 59.3 | 0.2 | 23.2 | 96.1 | -5.25 | N/A | (HES Installed) |
| GIW-08 | 08/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/06/16 | 17.4 | 59.6 | 0.4 | 22.6 | 98.8 | -4.92 | N/A | (HES Installed) |
| GIW-08 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/15/16 | 18.0 | 59.9 | 0.2 | 21.9 | 83.6 | -7.14 | N/A | (HES Installed) |
| GIW-08 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/21/16 | 23.1 | 60.0 | 0.3 | 16.6 | 88.9 | -3.91 | N/A | (HES Installed) |
| GIW-08 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/27/16 | 20.9 | 57.6 | 0.2 | 21.3 | 91.0 | -6.92 | N/A | (HES Installed) |
| GIW-08 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-08 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-8 Wellhead Temperatures

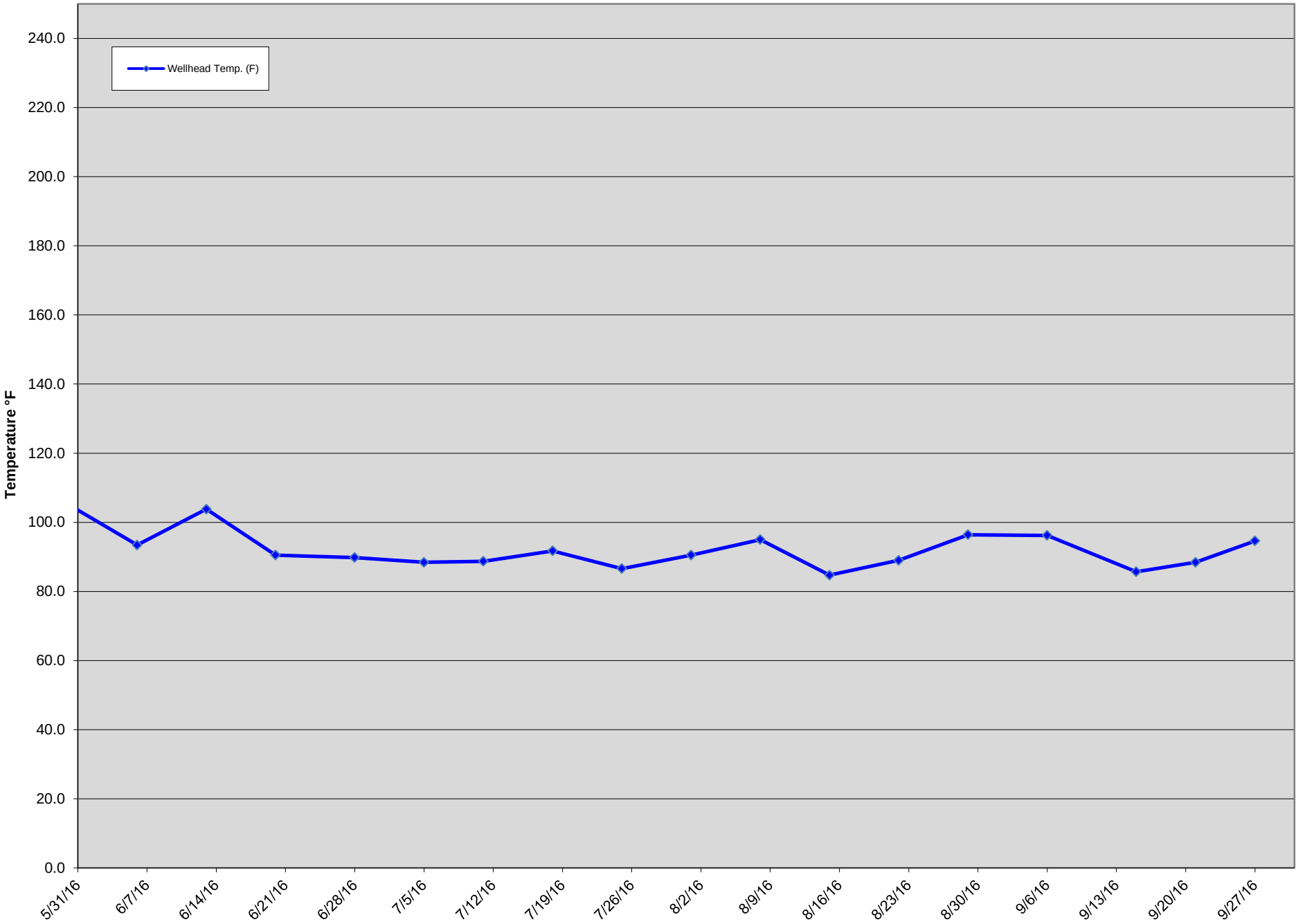


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-09 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/06/16 | 4.2 | 25.9 | 13.4 | 56.5 | 93.4 | -0.30 | N/A | (HES Installed) |
| GIW-09 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/13/16 | 1.2 | 22.2 | 15.8 | 60.8 | 103.8 | -0.34 | N/A | (HES Installed) |
| GIW-09 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/20/16 | 2.4 | 50.3 | 4.7 | 42.6 | 90.5 | -0.55 | N/A | (HES Installed) |
| GIW-09 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/28/16 | 2.8 | 50.8 | 4.3 | 42.1 | 89.8 | -0.56 | N/A | (HES Installed) |
| GIW-09 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/05/16 | 1.2 | 43.5 | 8.7 | 46.6 | 88.4 | -0.68 | N/A | (HES Installed) |
| GIW-09 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/11/16 | 1.6 | 50.7 | 5.7 | 42.0 | 88.7 | -0.65 | N/A | (HES Installed) |
| GIW-09 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/14/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-09 | 07/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/18/16 | 1.3 | 54.8 | 4.2 | 39.7 | 91.7 | -0.67 | N/A | (HES Installed) |
| GIW-09 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/25/16 | 6.5 | 59.0 | 0.6 | 33.9 | 86.6 | -4.23 | N/A | (HES Installed) |
| GIW-09 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/01/16 | 3.4 | 33.2 | 5.6 | 57.8 | 90.5 | -4.99 | N/A | (HES Installed) |
| GIW-09 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/08/16 | 3.3 | 24.8 | 5.4 | 66.5 | 95.0 | -4.90 | N/A | (HES Installed) |
| GIW-09 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/15/16 | 3.9 | 22.8 | 5.3 | 68.0 | 84.7 | -5.70 | N/A | (HES Installed) |
| GIW-09 | 08/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/22/16 | 2.0 | 15.9 | 11.5 | 70.6 | 89.0 | -4.78 | N/A | (HES Installed) |
| GIW-09 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/28/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Initial Static Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-09 | 08/29/16 | 2.6 | 18.5 | 9.4 | 69.5 | 96.4 | -4.63 | N/A | (HES Installed) |
| GIW-09 | 08/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/06/16 | 2.6 | 15.3 | 11.1 | 71.0 | 96.2 | -4.18 | N/A | (HES Installed) |
| GIW-09 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/15/16 | 3.4 | 17.0 | 10.9 | 68.7 | 85.7 | -5.07 | N/A | (HES Installed) |
| GIW-09 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/21/16 | 5.4 | 20.9 | 10.7 | 63.0 | 88.4 | -3.06 | N/A | (HES Installed) |
| GIW-09 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/27/16 | 9.1 | 33.0 | 3.4 | 54.5 | 94.6 | -4.48 | N/A | (HES Installed) |
| GIW-09 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-09 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-9 Wellhead Temperatures

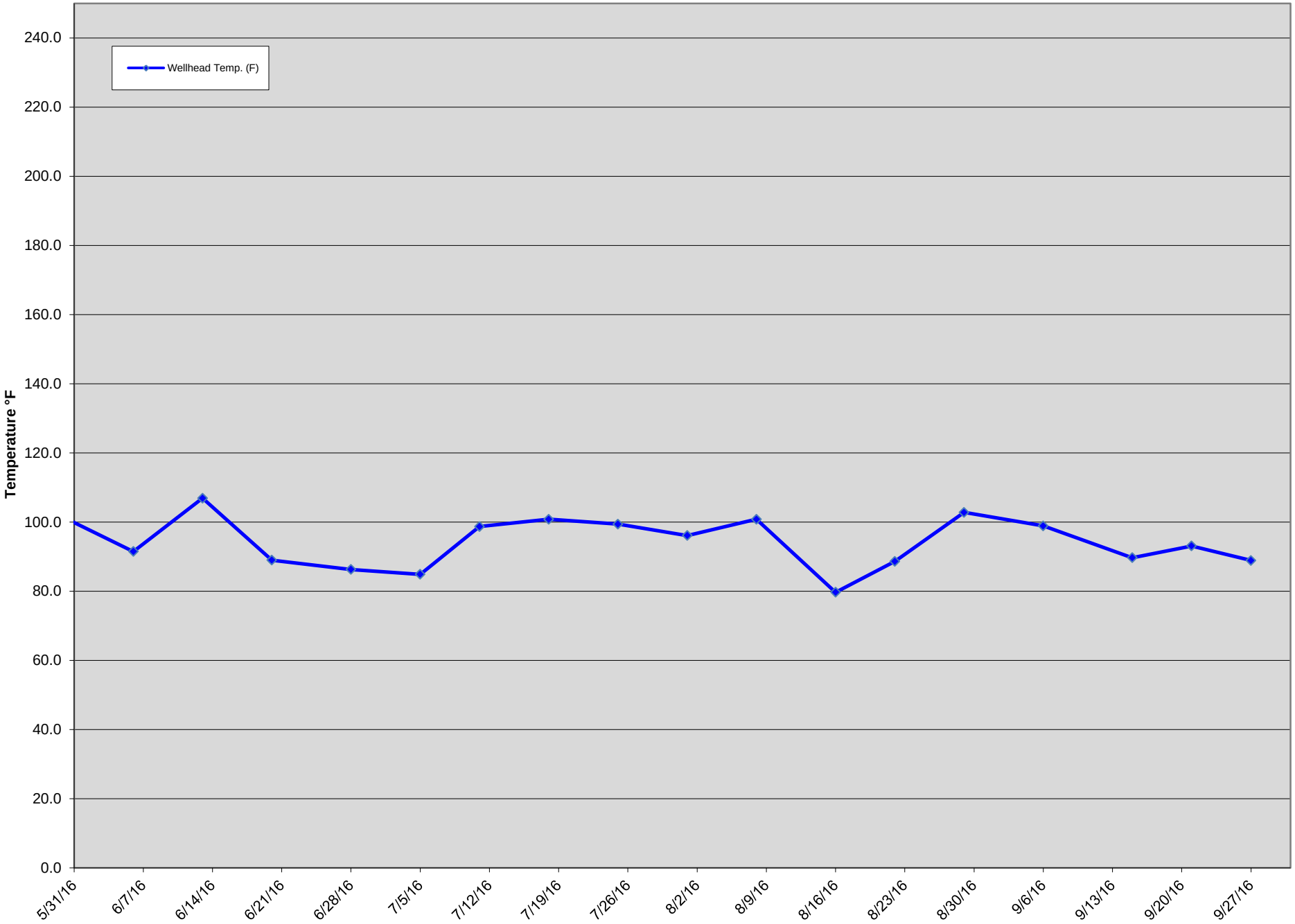


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-10 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/06/16 | 1.5 | 44.1 | 0.1 | 54.3 | 91.5 | -0.03 | N/A | (HES Installed) |
| GIW-10 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/13/16 | 0.4 | 55.7 | 0.0 | 43.9 | 106.9 | -0.07 | N/A | (HES Installed) |
| GIW-10 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/20/16 | 0.3 | 56.5 | 0.1 | 43.1 | 89.0 | -0.83 | N/A | (HES Installed) |
| GIW-10 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/28/16 | 0.4 | 56.5 | 0.0 | 43.1 | 86.3 | -0.28 | N/A | (HES Installed) |
| GIW-10 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/05/16 | 0.8 | 55.9 | 0.0 | 43.3 | 84.9 | -0.31 | N/A | (HES Installed) |
| GIW-10 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/11/16 | 1.5 | 53.2 | 0.0 | 45.3 | 98.7 | -0.44 | N/A | (HES Installed) |
| GIW-10 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/14/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-10 | 07/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/18/16 | 0.8 | 56.5 | 0.0 | 42.7 | 100.8 | -0.74 | N/A | (HES Installed) |
| GIW-10 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/25/16 | 0.5 | 58.0 | 0.2 | 41.3 | 99.4 | -1.23 | N/A | (HES Installed) |
| GIW-10 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/01/16 | 0.8 | 50.7 | 0.0 | 48.5 | 96.1 | -1.39 | N/A | (HES Installed) |
| GIW-10 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/08/16 | 0.6 | 41.5 | 0.1 | 57.8 | 100.8 | -1.54 | N/A | (HES Installed) |
| GIW-10 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/16/16 | 0.8 | 57.4 | 0.1 | 41.7 | 79.7 | -1.66 | N/A | (HES Installed) |
| GIW-10 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/22/16 | 1.0 | 56.5 | 0.1 | 42.4 | 88.6 | -1.29 | N/A | (HES Installed) |
| GIW-10 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/28/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-10 | 08/29/16 | 1.4 | 58.6 | 0.4 | 39.6 | 102.8 | -1.19 | N/A | (HES Installed) |
| GIW-10 | 08/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/06/16 | 1.1 | 55.3 | 0.3 | 43.3 | 98.9 | -1.36 | N/A | (HES Installed) |
| GIW-10 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/15/16 | 3.3 | 55.5 | 0.2 | 41.0 | 89.7 | -2.24 | N/A | (HES Installed) |
| GIW-10 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/21/16 | 0.8 | 56.6 | 0.2 | 42.4 | 93.1 | -0.59 | N/A | (HES Installed) |
| GIW-10 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/27/16 | 6.4 | 50.6 | 0.1 | 42.9 | 88.9 | -2.99 | N/A | (HES Installed) |
| GIW-10 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-10 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-10 Wellhead Temperatures

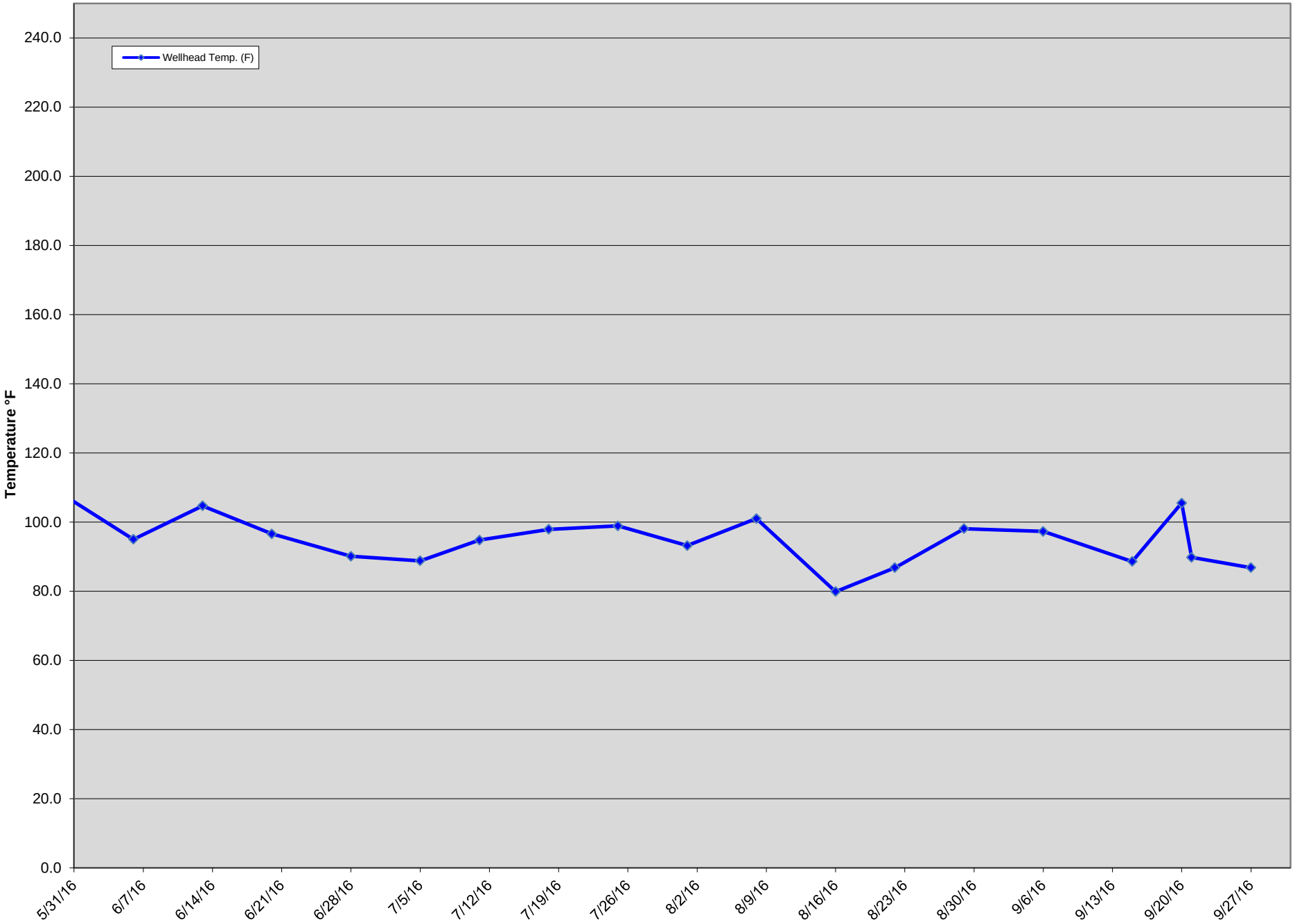


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-11 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/06/16 | 4.3 | 63.4 | 0.1 | 32.2 | 95.0 | -0.11 | N/A | (HES Installed) |
| GIW-11 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/13/16 | 2.0 | 60.4 | 1.0 | 36.6 | 104.7 | -0.30 | N/A | (HES Installed) |
| GIW-11 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/20/16 | 1.7 | 56.4 | 1.5 | 40.4 | 96.6 | -0.56 | N/A | (HES Installed) |
| GIW-11 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/28/16 | 2.8 | 64.5 | 0.0 | 32.7 | 90.1 | -0.82 | N/A | (HES Installed) |
| GIW-11 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/05/16 | 5.3 | 58.4 | 1.0 | 35.3 | 88.8 | -1.05 | N/A | (HES Installed) |
| GIW-11 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/11/16 | 9.8 | 58.0 | 1.4 | 30.8 | 94.8 | -1.19 | N/A | (HES Installed) |
| GIW-11 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/14/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-11 | 07/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/18/16 | 6.5 | 57.8 | 1.6 | 34.1 | 97.9 | -1.22 | N/A | (HES Installed) |
| GIW-11 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/25/16 | 5.9 | 59.2 | 1.0 | 33.9 | 98.9 | -1.30 | N/A | (HES Installed) |
| GIW-11 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/01/16 | 6.9 | 54.9 | 1.6 | 36.6 | 93.2 | -1.45 | N/A | (HES Installed) |
| GIW-11 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/08/16 | 6.1 | 54.4 | 1.6 | 37.9 | 101.0 | -1.52 | N/A | (HES Installed) |
| GIW-11 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/16/16 | 6.8 | 57.0 | 1.9 | 34.3 | 79.9 | -1.77 | N/A | (HES Installed) |
| GIW-11 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/22/16 | 7.3 | 55.7 | 1.2 | 35.8 | 86.8 | -1.38 | N/A | (HES Installed) |
| GIW-11 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/28/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-11 | 08/29/16 | 7.3 | 62.2 | 1.4 | 29.1 | 98.1 | -1.34 | N/A | (HES Installed) |
| GIW-11 | 08/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/06/16 | 9.5 | 58.3 | 1.7 | 30.5 | 97.3 | -1.73 | N/A | (HES Installed) |
| GIW-11 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/15/16 | 9.0 | 57.7 | 1.6 | 31.7 | 88.6 | -2.01 | N/A | (HES Installed) |
| GIW-11 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/20/16 | 7.6 | 53.7 | 1.0 | 37.7 | 105.5 | -1.48 | N/A | (HES Installed) |
| GIW-11 | 09/21/16 | 6.7 | 55.3 | 0.9 | 37.1 | 89.8 | -1.46 | N/A | (HES Installed) |
| GIW-11 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/27/16 | 10.0 | 54.8 | 0.7 | 34.5 | 86.8 | -1.60 | N/A | (HES Installed) |
| GIW-11 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-11 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-11 Wellhead Temperatures

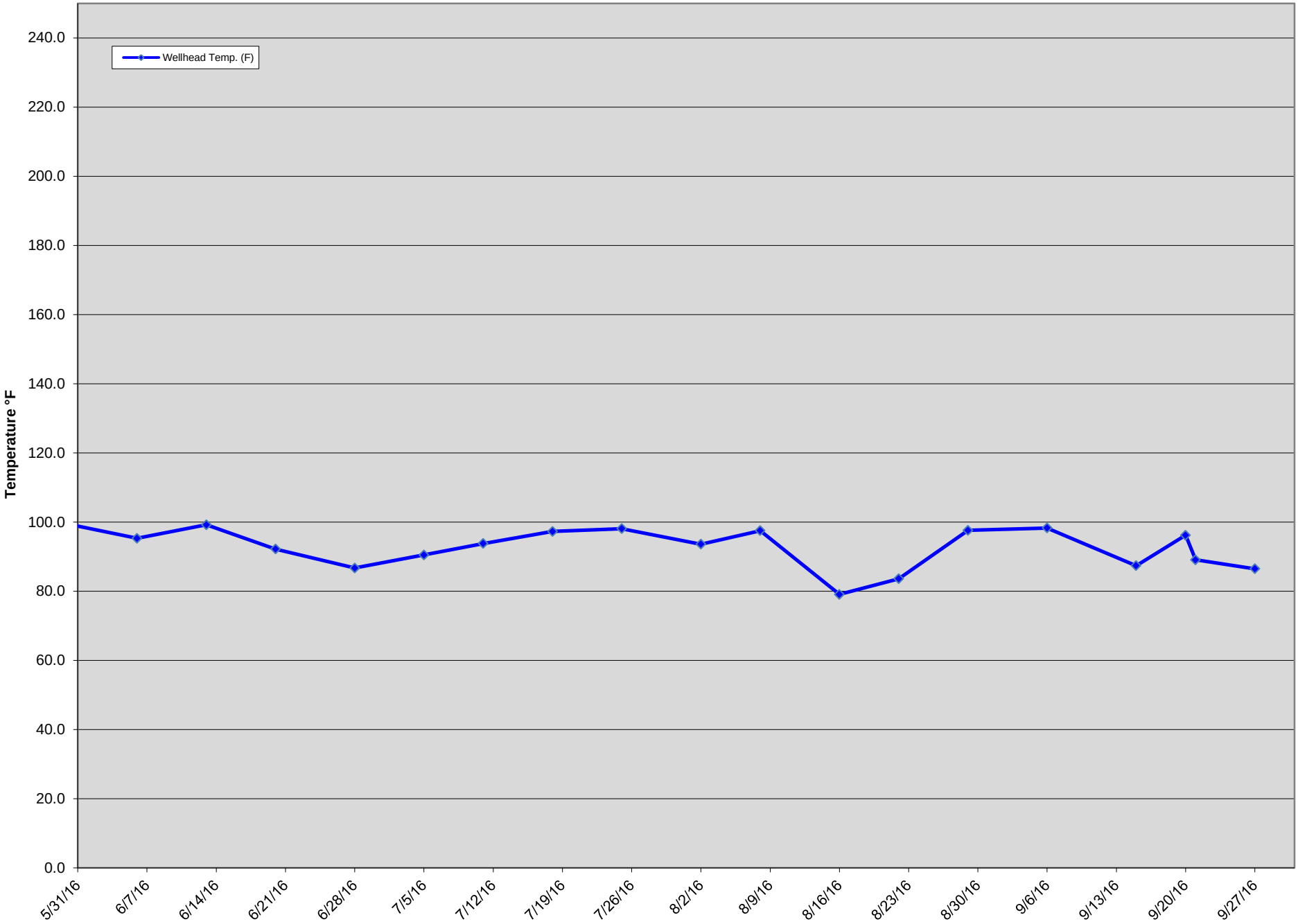


| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-12 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/06/16 | 2.4 | 59.1 | 1.4 | 37.1 | 95.3 | -0.10 | N/A | (HES Installed) |
| GIW-12 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/13/16 | 0.7 | 40.0 | 9.5 | 49.8 | 99.2 | -0.22 | N/A | (HES Installed) |
| GIW-12 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/20/16 | 1.0 | 52.2 | 4.8 | 42.0 | 92.2 | -0.30 | N/A | (HES Installed) |
| GIW-12 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/28/16 | 1.6 | 64.5 | 0.0 | 33.9 | 86.7 | -0.07 | N/A | (HES Installed) |
| GIW-12 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/05/16 | 8.8 | 46.8 | 5.9 | 38.5 | 90.5 | -0.25 | N/A | (HES Installed) |
| GIW-12 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/11/16 | 9.1 | 38.4 | 7.9 | 44.6 | 93.8 | -0.33 | N/A | (HES Installed) |
| GIW-12 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/15/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-12 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/18/16 | 6.6 | 38.5 | 7.9 | 47.0 | 97.3 | -0.32 | N/A | (HES Installed) |
| GIW-12 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/25/16 | 7.2 | 41.5 | 5.5 | 45.8 | 98.1 | -0.31 | N/A | (HES Installed) |
| GIW-12 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/02/16 | 5.4 | 33.9 | 8.1 | 52.6 | 93.6 | -0.35 | N/A | (HES Installed) |
| GIW-12 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/08/16 | 7.3 | 32.1 | 7.6 | 53.0 | 97.5 | -0.35 | N/A | (HES Installed) |
| GIW-12 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/16/16 | 5.7 | 32.7 | 9.4 | 52.2 | 79.1 | -0.49 | N/A | (HES Installed) |
| GIW-12 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/22/16 | 12.3 | 41.7 | 5.0 | 41.0 | 83.6 | -0.31 | N/A | (HES Installed) |
| GIW-12 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 08/29/16 | 13.4 | 45.2 | 5.8 | 35.6 | 97.6 | -0.31 | N/A | (HES Installed) |
| GIW-12 | 08/30/16 | | | | | | | N/A | (HES Installed) |

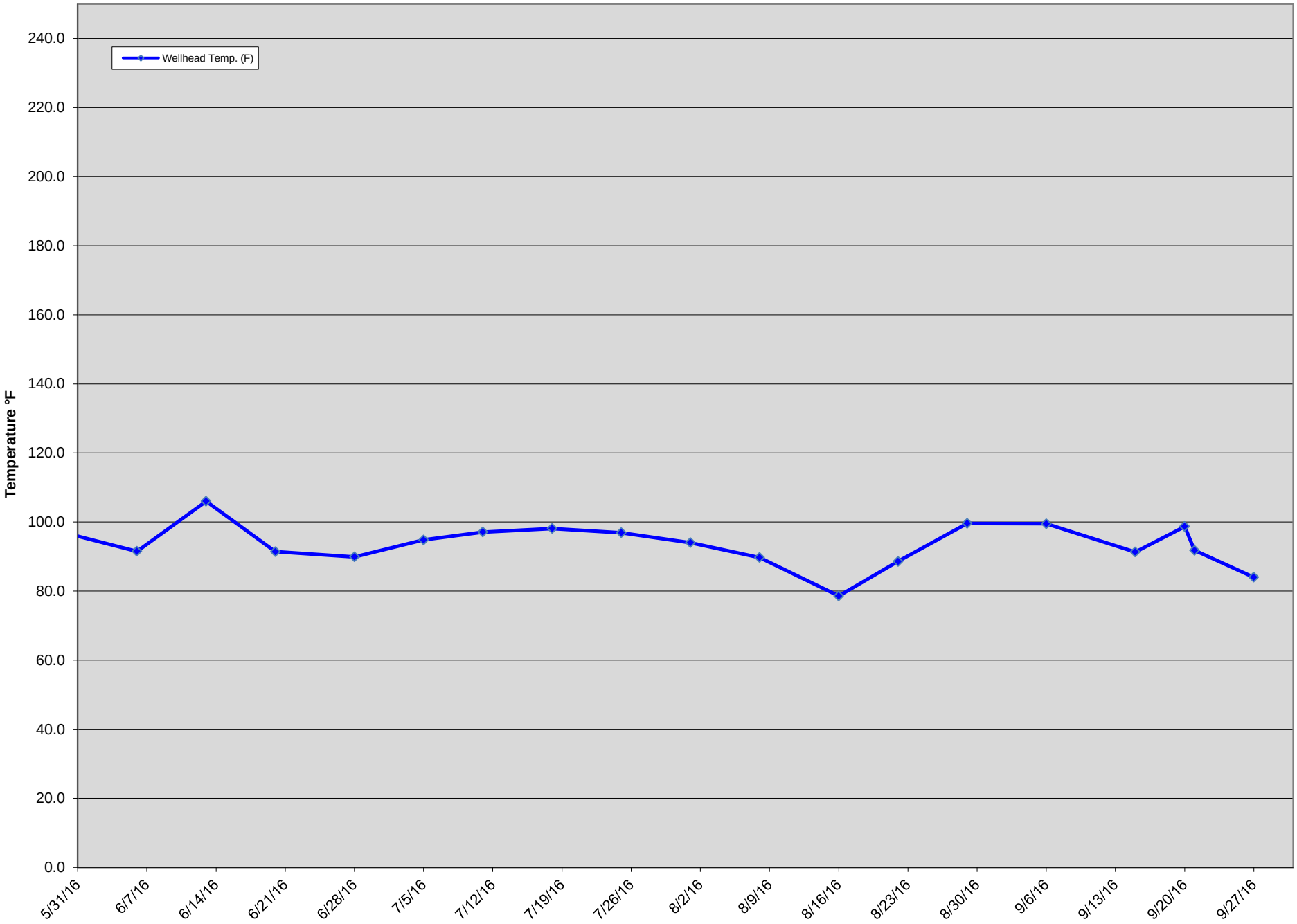
| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-12 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/06/16 | 9.2 | 31.8 | 9.2 | 49.8 | 98.3 | -0.47 | N/A | (HES Installed) |
| GIW-12 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/15/16 | 5.7 | 28.8 | 10.7 | 54.8 | 87.4 | -0.55 | N/A | (HES Installed) |
| GIW-12 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/20/16 | 5.3 | 23.8 | 11.2 | 59.7 | 96.2 | -0.40 | N/A | (HES Installed) |
| GIW-12 | 09/21/16 | 7.4 | 32.3 | 7.3 | 53.0 | 89.1 | -0.37 | N/A | (HES Installed) |
| GIW-12 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/27/16 | 13.9 | 39.1 | 5.3 | 41.7 | 86.5 | -0.36 | N/A | (HES Installed) |
| GIW-12 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-12 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-12 Wellhead Temperatures



| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-13 | 05/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/06/16 | 8.6 | 62.9 | 0.1 | 28.4 | 91.5 | -0.23 | N/A | (HES Installed) |
| GIW-13 | 06/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/13/16 | 6.7 | 62.6 | 0.0 | 30.7 | 106.0 | -0.41 | N/A | (HES Installed) |
| GIW-13 | 06/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/20/16 | 6.2 | 60.2 | 0.2 | 33.4 | 91.4 | -0.94 | N/A | (HES Installed) |
| GIW-13 | 06/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/28/16 | 11.1 | 58.9 | 0.0 | 30.0 | 89.9 | -4.08 | N/A | (HES Installed) |
| GIW-13 | 06/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 06/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/05/16 | 15.2 | 59.4 | 0.0 | 25.4 | 94.8 | -3.73 | N/A | (HES Installed) |
| GIW-13 | 07/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/11/16 | 15.9 | 60.3 | 0.0 | 23.8 | 97.1 | -3.61 | N/A | (HES Installed) |
| GIW-13 | 07/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/15/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-13 | 07/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/18/16 | 10.8 | 62.2 | 0.1 | 26.9 | 98.1 | -2.40 | N/A | (HES Installed) |
| GIW-13 | 07/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/25/16 | 9.3 | 64.1 | 0.0 | 26.6 | 96.9 | -2.33 | N/A | (HES Installed) |
| GIW-13 | 07/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 07/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/01/16 | 10.7 | 25.8 | 0.1 | 63.4 | 94.0 | -2.39 | N/A | (HES Installed) |
| GIW-13 | 08/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/06/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/08/16 | 10.8 | 58.1 | 0.1 | 31.0 | 89.7 | -2.86 | N/A | (HES Installed) |
| GIW-13 | 08/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/15/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/16/16 | 10.9 | 64.5 | 0.2 | 24.4 | 78.6 | -2.80 | N/A | (HES Installed) |
| GIW-13 | 08/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/20/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/21/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/22/16 | 13.5 | 57.2 | 0.2 | 29.1 | 88.6 | -2.49 | N/A | (HES Installed) |
| GIW-13 | 08/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/27/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 08/29/16 | 14.7 | 59.3 | 0.5 | 25.5 | 99.6 | -2.84 | N/A | (HES Installed) |
| GIW-13 | 08/30/16 | | | | | | | N/A | (HES Installed) |

| GIW ID# | Reading Date | CH4 (% Vol.) | CO2 (% Vol.) | Oxygen (% Vol.) | Balance (% Vol.) | Wellhead Temp. (F) | Pressure (In W.C.) | Pump Operational (Y/N) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| GIW-13 | 08/31/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/01/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/02/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/03/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/04/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/05/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/06/16 | 15.8 | 60.4 | 0.6 | 23.2 | 99.5 | -2.90 | N/A | (HES Installed) |
| GIW-13 | 09/07/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/08/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/09/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/10/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/11/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/12/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/13/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/14/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/15/16 | 15.2 | 65.0 | 0.3 | 19.5 | 91.3 | -2.85 | N/A | (HES Installed) |
| GIW-13 | 09/16/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/17/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/18/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/19/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/20/16 | 12.2 | 60.2 | 0.3 | 27.3 | 98.7 | -2.72 | N/A | (HES Installed) |
| GIW-13 | 09/21/16 | 13.3 | 59.8 | 0.3 | 26.6 | 91.8 | -2.63 | N/A | (HES Installed) |
| GIW-13 | 09/22/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/23/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/24/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/25/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/26/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/27/16 | 16.1 | 56.2 | 0.2 | 27.5 | 84.0 | -2.50 | N/A | (HES Installed) |
| GIW-13 | 09/28/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/29/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 09/30/16 | | | | | | | N/A | (HES Installed) |
| GIW-13 | 10/01/16 | | | | | | | N/A | (HES Installed) |

# GIW-13 Wellhead Temperatures