

Gas Quality Reports

North Wichita

Page 1 of 3

5/13/2020 - 8/13/2020

Gas Day	Gross Heating Value (HHV) (Btu/scf)	Net Heating Value (LHV) (Btu/scf)	Specific Gravity	Wobbe Index	Hydrocarbon Dewpoint (HCDP) (deg F)	N2 (mol%)	CO2 (mol%)	Methane (mol%)	Ethane (mol%)	Propane (mol%)	Isobutane (mol%)	N-Butane (mol%)	Isopentane (mol%)	N-Pentane (mol%)	C6 Plus (mol%)
05/13/2020	1,036.3	1,018.2	0.593	1,345.52	-142.51	1.859	0.292	92.668	4.756	0.349	0.020	0.034	0.007	0.007	0.007
05/14/2020	1,051.4	1,033.2	0.604	1,352.83	-73.33	1.828	0.392	90.811	6.270	0.609	0.028	0.045	0.007	0.006	0.004
05/15/2020	1,053.8	1,035.4	0.607	1,353.02	-73.30	1.815	0.464	90.451	6.474	0.713	0.029	0.043	0.006	0.004	0.003
05/16/2020	1,057.9	1,039.5	0.608	1,356.82	-72.33	1.676	0.475	90.187	6.878	0.704	0.027	0.040	0.005	0.004	0.003
05/17/2020	1,053.1	1,034.8	0.605	1,353.92	-130.17	1.754	0.432	90.706	6.351	0.677	0.027	0.041	0.005	0.004	0.002
05/18/2020	1,054.7	1,036.3	0.605	1,355.46	-129.88	1.663	0.457	90.565	6.634	0.615	0.023	0.033	0.005	0.003	0.002
05/19/2020	1,054.1	1,035.8	0.606	1,353.76	-129.85	1.852	0.410	90.267	6.808	0.616	0.018	0.023	0.003	0.002	0.001
05/20/2020	1,042.8	1,024.7	0.598	1,348.22	-137.56	1.860	0.351	91.765	5.485	0.477	0.019	0.030	0.005	0.004	0.004
05/21/2020	1,030.5	1,012.5	0.588	1,344.38	-148.02	1.707	0.273	93.774	3.882	0.284	0.019	0.035	0.009	0.009	0.010
05/22/2020	1,030.5	1,012.6	0.588	1,344.35	-147.90	1.728	0.262	93.773	3.854	0.297	0.021	0.039	0.010	0.010	0.008
05/23/2020	1,035.3	1,017.3	0.592	1,345.53	-62.82	1.912	0.226	92.976	4.394	0.363	0.030	0.056	0.015	0.015	0.015
05/24/2020	1,033.5	1,015.6	0.591	1,344.28	-65.41	1.861	0.272	93.189	4.203	0.351	0.027	0.054	0.014	0.014	0.015
05/25/2020	1,048.7	1,030.4	0.600	1,353.92	-134.25	1.757	0.291	91.452	5.900	0.525	0.023	0.034	0.006	0.005	0.005
05/26/2020	1,053.7	1,035.4	0.604	1,355.88	-130.75	1.800	0.313	90.655	6.611	0.558	0.020	0.029	0.005	0.004	0.004
05/27/2020	1,051.1	1,032.8	0.602	1,354.27	-132.72	1.810	0.313	90.897	6.412	0.520	0.017	0.023	0.004	0.002	0.002
05/28/2020	1,049.3	1,031.0	0.601	1,353.35	-134.10	1.868	0.269	91.057	6.275	0.488	0.016	0.020	0.004	0.002	0.002
05/29/2020	1,047.3	1,029.0	0.599	1,352.98	-135.69	1.886	0.214	91.389	5.997	0.472	0.015	0.019	0.004	0.002	0.002
05/30/2020	1,046.6	1,028.4	0.598	1,353.53	-136.41	1.835	0.196	91.637	5.822	0.464	0.016	0.021	0.004	0.003	0.003
05/31/2020	1,051.4	1,033.1	0.601	1,356.03	-132.82	1.806	0.230	91.091	6.276	0.543	0.019	0.025	0.004	0.003	0.003
06/01/2020	1,049.1	1,030.9	0.600	1,354.82	-134.47	1.796	0.231	91.395	6.000	0.522	0.019	0.026	0.005	0.003	0.003
06/02/2020	1,024.6	1,006.8	0.588	1,336.43	-150.35	2.029	0.308	93.737	3.535	0.303	0.022	0.041	0.009	0.009	0.007
06/03/2020	1,022.9	1,005.1	0.584	1,338.69	-154.05	1.779	0.298	94.476	3.138	0.233	0.017	0.033	0.008	0.008	0.011
06/04/2020	1,024.6	1,006.8	0.583	1,341.98	-154.77	1.611	0.284	94.570	3.297	0.184	0.012	0.024	0.006	0.006	0.006
06/05/2020	1,028.9	1,011.0	0.587	1,343.31	-149.10	1.710	0.279	93.954	3.719	0.245	0.021	0.040	0.011	0.011	0.011
06/06/2020	1,024.4	1,006.6	0.585	1,339.63	-153.30	1.696	0.348	94.292	3.387	0.215	0.015	0.028	0.006	0.006	0.006
06/07/2020	1,026.1	1,008.2	0.586	1,340.26	-150.66	1.760	0.323	94.146	3.384	0.289	0.025	0.042	0.011	0.010	0.009
06/08/2020	1,030.8	1,012.9	0.589	1,343.55	-72.23	1.702	0.331	93.717	3.805	0.343	0.025	0.042	0.011	0.010	0.013
06/09/2020	1,030.7	1,012.7	0.588	1,343.69	-78.45	1.684	0.331	93.805	3.715	0.357	0.027	0.047	0.011	0.011	0.011
06/10/2020	1,030.9	1,012.9	0.589	1,342.76	-146.58	1.743	0.350	93.556	3.902	0.360	0.023	0.039	0.009	0.009	0.010
06/11/2020	1,032.8	1,014.8	0.591	1,343.04	-144.87	1.819	0.344	93.150	4.217	0.385	0.023	0.038	0.008	0.008	0.008
06/12/2020	1,028.0	1,010.2	0.587	1,342.17	-150.23	1.760	0.282	93.869	3.761	0.272	0.014	0.026	0.005	0.005	0.006
06/13/2020	1,032.2	1,014.3	0.590	1,343.74	-146.40	1.812	0.294	93.234	4.270	0.331	0.017	0.027	0.006	0.005	0.004
06/14/2020	1,029.4	1,011.5	0.593	1,337.09	-146.22	2.266	0.270	92.602	4.456	0.359	0.015	0.024	0.003	0.003	0.002
06/15/2020	1,032.6	1,014.6	0.592	1,341.88	-144.98	1.891	0.354	92.918	4.408	0.364	0.019	0.028	0.006	0.005	0.007
06/16/2020	1,027.6	1,009.7	0.588	1,340.63	-149.64	1.799	0.326	93.773	3.762	0.266	0.018	0.032	0.008	0.007	0.008
06/17/2020	1,027.6	1,009.8	0.588	1,340.17	-148.79	1.892	0.291	93.707	3.726	0.290	0.022	0.042	0.011	0.011	0.009
06/18/2020	1,025.0	1,007.1	0.586	1,338.57	-151.29	1.886	0.298	93.986	3.498	0.253	0.018	0.035	0.009	0.009	0.009
06/19/2020	1,024.5	1,006.7	0.586	1,338.33	-152.00	1.881	0.301	93.997	3.516	0.238	0.015	0.029	0.007	0.007	0.008
06/20/2020	1,024.0	1,006.1	0.585	1,338.55	-152.82	1.841	0.297	94.177	3.379	0.237	0.016	0.031	0.008	0.007	0.006
06/21/2020	1,023.6	1,005.8	0.585	1,338.53	-152.67	1.877	0.264	94.266	3.254	0.259	0.019	0.036	0.009	0.009	0.008
06/22/2020	1,027.4	1,009.5	0.589	1,339.19	-148.96	1.907	0.327	93.589	3.796	0.307	0.018	0.033	0.008	0.007	0.008
06/23/2020	1,034.7	1,016.7	0.595	1,340.96	-79.39	2.258	0.229	92.328	4.549	0.533	0.029	0.048	0.009	0.008	0.008
06/24/2020	1,027.4	1,009.6	0.586	1,342.00	-149.87	1.958	0.142	93.896	3.611	0.322	0.022	0.029	0.007	0.005	0.008

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06/25/2020	1,039.7	1,021.6	0.596	1,347.08	-138.83	1.911	0.282	92.388	4.738	0.587	0.030	0.045	0.007	0.005	0.007
06/26/2020	1,038.6	1,020.6	0.595	1,346.75	-81.42	1.968	0.228	92.525	4.593	0.590	0.030	0.044	0.007	0.005	0.007
06/27/2020	1,039.8	1,021.7	0.595	1,348.06	-78.66	1.939	0.210	92.516	4.622	0.615	0.031	0.046	0.008	0.005	0.008
06/28/2020	1,028.8	1,010.9	0.590	1,339.61	-82.52	2.015	0.276	93.427	3.779	0.405	0.025	0.045	0.009	0.009	0.010
06/29/2020	1,026.1	1,008.3	0.586	1,340.72	-151.90	1.560	0.433	94.221	3.486	0.238	0.015	0.027	0.006	0.006	0.009
06/30/2020	1,024.0	1,006.2	0.586	1,337.89	-153.61	1.627	0.476	94.176	3.441	0.246	0.008	0.015	0.003	0.003	0.004
07/01/2020	1,023.7	1,005.9	0.585	1,337.92	-153.62	1.690	0.423	94.200	3.409	0.237	0.010	0.018	0.004	0.004	0.006
07/02/2020	1,036.4	1,018.4	0.593	1,345.48	-141.82	1.969	0.227	92.694	4.507	0.536	0.022	0.033	0.005	0.003	0.004
07/03/2020	1,045.4	1,027.2	0.601	1,348.25	-134.13	2.066	0.295	91.369	5.449	0.734	0.031	0.046	0.005	0.003	0.002
07/04/2020	1,038.3	1,020.2	0.600	1,340.71	-137.55	2.435	0.243	91.474	5.105	0.668	0.027	0.041	0.004	0.003	0.001
07/05/2020	1,033.5	1,015.5	0.595	1,340.32	-142.21	2.287	0.208	92.384	4.514	0.533	0.024	0.038	0.005	0.004	0.003
07/06/2020	1,025.1	1,007.2	0.586	1,338.78	-71.80	1.897	0.282	94.122	3.279	0.307	0.027	0.048	0.013	0.012	0.013
07/07/2020	1,023.1	1,005.3	0.584	1,338.42	-79.17	1.841	0.278	94.386	3.168	0.241	0.019	0.034	0.009	0.009	0.015
07/08/2020	1,022.6	1,004.8	0.584	1,338.41	-154.58	1.831	0.270	94.402	3.220	0.215	0.014	0.026	0.006	0.006	0.009
07/09/2020	1,022.8	1,005.0	0.582	1,340.29	-155.70	1.703	0.259	94.662	3.120	0.203	0.013	0.023	0.005	0.005	0.007
07/10/2020	1,025.2	1,007.3	0.587	1,338.58	-151.32	1.916	0.284	93.926	3.506	0.301	0.019	0.031	0.007	0.006	0.005
07/11/2020	1,022.5	1,004.8	0.583	1,338.80	-155.11	1.757	0.295	94.535	3.126	0.227	0.015	0.027	0.006	0.006	0.007
07/12/2020	1,021.2	1,003.4	0.582	1,338.56	-156.96	1.719	0.290	94.755	2.988	0.197	0.012	0.023	0.005	0.005	0.006
07/13/2020	1,024.2	1,006.4	0.584	1,340.05	-153.25	1.729	0.296	94.423	3.231	0.257	0.016	0.027	0.007	0.006	0.008
07/14/2020	1,023.8	1,006.0	0.586	1,337.57	-152.71	1.940	0.281	93.981	3.477	0.273	0.013	0.022	0.004	0.004	0.004
07/15/2020	1,028.0	1,010.1	0.586	1,342.73	-150.32	1.604	0.353	94.136	3.536	0.302	0.019	0.030	0.007	0.006	0.008
07/16/2020	1,022.9	1,005.1	0.584	1,339.01	-155.58	1.640	0.372	94.501	3.248	0.196	0.010	0.018	0.004	0.004	0.005
07/17/2020	1,023.3	1,005.5	0.585	1,338.15	-154.71	1.771	0.344	94.223	3.407	0.220	0.009	0.016	0.004	0.003	0.003
07/18/2020	1,025.4	1,007.6	0.585	1,341.04	-153.04	1.703	0.298	94.257	3.449	0.248	0.011	0.021	0.005	0.005	0.003
07/19/2020	1,023.9	1,006.1	0.583	1,341.18	-155.49	1.595	0.316	94.617	3.215	0.218	0.010	0.018	0.004	0.004	0.003
07/20/2020	1,022.2	1,004.5	0.583	1,339.37	-157.22	1.551	0.390	94.702	3.147	0.185	0.007	0.012	0.002	0.002	0.002
07/21/2020	1,022.1	1,004.3	0.584	1,337.99	-156.35	1.692	0.367	94.487	3.209	0.216	0.008	0.014	0.003	0.002	0.002
07/22/2020	1,022.3	1,004.5	0.585	1,337.11	-154.79	1.799	0.350	94.348	3.190	0.263	0.012	0.023	0.005	0.005	0.005
07/23/2020	1,031.2	1,013.2	0.595	1,337.40	-143.50	2.367	0.243	92.362	4.462	0.507	0.019	0.030	0.004	0.003	0.002
07/24/2020	1,037.0	1,018.9	0.597	1,341.60	-139.09	2.300	0.241	91.947	4.784	0.655	0.026	0.037	0.005	0.003	0.003
07/25/2020	1,039.0	1,021.0	0.598	1,343.63	-138.05	2.186	0.268	91.905	4.895	0.664	0.028	0.042	0.005	0.004	0.003
07/26/2020	1,041.9	1,023.8	0.598	1,347.38	-137.15	1.954	0.306	91.965	5.040	0.659	0.026	0.037	0.005	0.004	0.004
07/27/2020	1,040.1	1,022.0	0.599	1,343.58	-137.07	2.175	0.313	91.699	5.053	0.678	0.028	0.042	0.005	0.004	0.002
07/28/2020	1,041.2	1,023.1	0.604	1,339.99	-134.71	2.497	0.335	90.779	5.600	0.715	0.027	0.041	0.004	0.003	0
07/29/2020	1,028.8	1,010.9	0.593	1,336.24	-145.15	2.262	0.298	92.820	4.079	0.451	0.024	0.042	0.008	0.007	0.008
07/30/2020	1,030.6	1,012.7	0.590	1,341.59	-146.28	1.819	0.356	93.464	3.806	0.480	0.022	0.038	0.005	0.005	0.005
07/31/2020	1,032.1	1,014.2	0.589	1,344.37	-146.06	1.620	0.381	93.684	3.757	0.481	0.022	0.038	0.005	0.005	0.007
08/01/2020	1,028.8	1,010.9	0.587	1,343.10	-149.62	1.515	0.416	94.153	3.479	0.370	0.018	0.032	0.005	0.005	0.007
08/02/2020	1,030.3	1,012.4	0.587	1,344.65	-148.63	1.481	0.401	94.103	3.550	0.394	0.019	0.035	0.005	0.005	0.006
08/03/2020	1,024.8	1,007.0	0.583	1,342.22	-154.52	1.376	0.431	94.852	3.007	0.270	0.015	0.031	0.005	0.006	0.007
08/04/2020	1,022.7	1,004.9	0.582	1,340.49	-156.64	1.472	0.396	94.879	2.996	0.214	0.010	0.019	0.004	0.004	0.006
08/05/2020	1,020.7	1,003.0	0.583	1,337.32	-157.21	1.741	0.328	94.660	3.025	0.202	0.011	0.020	0.004	0.004	0.003
08/06/2020	1,022.3	1,004.5	0.584	1,338.33	-155.73	1.660	0.376	94.568	3.118	0.232	0.011	0.021	0.004	0.004	0.005

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08/07/2020	1,018.9	1,001.1	0.579	1,339.35	-161.46	1.529	0.301	95.339	2.683	0.124	0.006	0.012	0.002	0.002	0.002
08/08/2020	1,022.9	1,005.1	0.582	1,340.41	-155.99	1.652	0.289	94.685	3.119	0.209	0.012	0.021	0.005	0.005	0.004
08/09/2020	1,022.3	1,004.5	0.583	1,339.31	-155.61	1.796	0.234	94.584	3.130	0.194	0.015	0.027	0.007	0.006	0.007
08/10/2020	1,023.2	1,005.4	0.583	1,340.45	-154.97	1.786	0.206	94.581	3.159	0.202	0.015	0.029	0.007	0.007	0.007
08/11/2020	1,023.4	1,005.6	0.584	1,339.22	-154.17	1.876	0.219	94.305	3.328	0.213	0.013	0.025	0.006	0.006	0.007

NOTES:**Wobbe Index:** Interchangeability constant calculated using the Gross (or Higher) Heating Value (HHV) divided by the square root of the Specific Gravity**Hydrocarbon Dewpoint (HCDP):** Theoretically determined value using the Redlich-Kwong equation of state (EOS)

Selection: Business Unit ID = 70; Analysis_Key = 65211