

M - CPL

7/12/2017 - 10/12/2017

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%)
07/12/2017	1,044.4	1,026.2	.584	1,366.18	-146.16	.384	.401	94.509	4.496	.182	.011	.009	.002	.001	.005
07/13/2017	1,041.1	1,023.0	.581	1,365.42	-149.52	.375	.349	95.005	4.126	.125	.007	.007	.002	.001	.003
07/14/2017	1,045.0	1,026.9	.585	1,366.07	-144.48	.379	.428	94.537	4.330	.265	.022	.020	.005	.004	.010
07/15/2017	1,037.6	1,019.6	.581	1,361.51	-150.92	.391	.440	95.289	3.685	.159	.011	.011	.004	.003	.008
07/16/2017	1,037.3	1,019.3	.582	1,359.52	-149.97	.413	.522	95.147	3.681	.190	.014	.014	.005	.003	.011
07/17/2017	1,040.4	1,022.3	.581	1,364.67	-149.14	.356	.379	95.183	3.853	.190	.012	.012	.004	.003	.008
07/18/2017	1,044.2	1,026.0	.584	1,366.81	-146.13	.339	.389	94.746	4.264	.222	.013	.012	.004	.003	.008
07/19/2017	1,047.6	1,029.4	.582	1,372.83	-145.72	.277	.215	94.756	4.552	.180	.008	.006	.002	.001	.004
07/20/2017	1,045.9	1,027.7	.579	1,374.54	-148.38	.234	.105	95.271	4.227	.155	.005	.003	0	0	.001
07/21/2017	1,045.4	1,027.3	.579	1,373.47	-148.48	.235	.146	95.240	4.210	.159	.006	.003	0	0	0
07/22/2017	1,045.9	1,027.7	.580	1,373.56	-147.76	.221	.162	95.246	4.159	.183	.013	.009	.002	.001	.002
07/23/2017	1,045.2	1,027.0	.579	1,373.60	-148.56	.218	.142	95.370	4.075	.173	.011	.008	.002	0	.002
07/24/2017	1,047.1	1,028.8	.580	1,374.81	-146.72	.217	.134	95.232	4.154	.222	.020	.013	.004	.002	.002
07/25/2017	1,048.9	1,030.7	.582	1,375.48	-145.25	.230	.145	94.919	4.448	.224	.015	.011	.003	.001	.002
07/26/2017	1,050.2	1,031.9	.582	1,376.00	-144.54	.238	.150	94.670	4.723	.200	.008	.007	.002	0	.002
07/27/2017	1,060.9	1,042.4	.589	1,382.81	-137.20	.230	.111	93.391	6.036	.215	.008	.006	.001	0	.001
07/28/2017	1,063.4	1,044.9	.591	1,383.67	-135.27	.237	.134	93.041	6.318	.253	.009	.007	.001	0	.001
07/29/2017	1,055.1	1,036.7	.586	1,377.75	-140.37	.238	.203	93.941	5.371	.221	.013	.009	.002	.001	.002
07/30/2017	1,048.2	1,029.9	.587	1,368.61	-142.25	.333	.417	94.243	4.715	.229	.020	.019	.007	.005	.013
07/31/2017	1,050.7	1,032.4	.588	1,370.21	-140.42	.333	.407	93.952	5.001	.246	.019	.018	.006	.004	.014
08/01/2017	1,047.5	1,029.2	.585	1,369.52	-143.56	.319	.357	94.454	4.602	.219	.015	.014	.005	.003	.010
08/02/2017	1,043.9	1,025.7	.583	1,367.63	-66.90	.305	.360	95.052	3.968	.233	.023	.024	.009	.006	.019
08/03/2017	1,042.6	1,024.4	.579	1,370.59	-149.38	.258	.197	95.515	3.841	.155	.010	.010	.003	.002	.009
08/04/2017	1,039.1	1,021.0	.577	1,367.41	-152.02	.288	.240	95.759	3.555	.126	.010	.010	.003	.002	.007
08/05/2017	1,034.1	1,016.1	.577	1,361.22	-153.65	.334	.386	96.089	2.973	.151	.018	.020	.007	.005	.016
08/06/2017	1,026.7	1,008.8	.576	1,352.95	-159.01	.415	.546	96.476	2.366	.130	.018	.019	.007	.005	.017
08/07/2017	1,030.4	1,012.4	.577	1,357.02	-75.82	.381	.466	96.300	2.627	.153	.020	.021	.008	.006	.018
08/08/2017	1,027.4	1,009.5	.576	1,353.95	-158.58	.396	.529	96.459	2.420	.130	.018	.019	.007	.005	.017
08/09/2017	1,025.4	1,007.5	.576	1,351.36	-67.65	.383	.613	96.613	2.176	.132	.022	.024	.010	.007	.021
08/10/2017	1,023.4	1,005.6	.575	1,349.57	-67.45	.420	.622	96.773	1.961	.142	.022	.023	.009	.007	.021
08/11/2017	1,021.4	1,003.6	.575	1,346.46	-71.33	.504	.671	96.733	1.850	.162	.021	.025	.009	.006	.019
08/12/2017	1,017.3	999.6	.577	1,339.18	-166.19	.640	.845	96.387	1.972	.119	.011	.013	.004	.002	.007
08/13/2017	1,035.3	1,017.2	.587	1,351.34	-147.82	.562	.798	94.579	3.720	.257	.023	.032	.008	.006	.014
08/14/2017	1,031.2	1,013.3	.582	1,352.11	-152.72	.469	.694	95.481	3.095	.185	.020	.025	.008	.006	.016
08/15/2017	1,029.7	1,011.8	.589	1,341.68	-65.34	.586	1.133	94.572	3.312	.287	.028	.044	.011	.010	.018
08/16/2017	1,028.3	1,010.5	.587	1,342.10	-66.91	.516	1.111	95.041	2.862	.346	.037	.048	.012	.010	.016
08/17/2017	1,046.3	1,028.1	.596	1,354.90	-45.91	.497	.988	93.714	3.804	.729	.100	.108	.024	.018	.018
08/18/2017	1,042.2	1,024.1	.592	1,354.73	-67.79	.486	.878	93.930	4.140	.449	.042	.044	.010	.008	.014

M - CPL

7/12/2017 - 10/12/2017

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%)
08/19/2017	1,068.6	1,050.0	.596	1,384.33	-130.25	.267	.235	92.252	6.801	.404	.018	.015	.002	.002	.004
08/20/2017	1,068.8	1,050.2	.595	1,385.78	-131.57	.232	.186	92.215	7.101	.254	.007	.004	0	0	0
08/21/2017	1,061.8	1,043.3	.590	1,381.99	-136.46	.235	.178	93.050	6.350	.178	.005	.003	0	0	0
08/22/2017	1,045.6	1,027.4	.581	1,372.01	-148.08	.250	.216	94.976	4.436	.115	.004	.002	0	0	0
08/23/2017	1,034.6	1,016.6	.573	1,366.23	-157.90	.250	.196	96.395	3.098	.056	.003	.002	0	0	.001
08/24/2017	1,031.6	1,013.7	.572	1,363.56	-160.30	.257	.243	96.644	2.804	.047	.002	.002	0	0	0
08/25/2017	1,027.7	1,009.9	.572	1,359.33	-163.21	.273	.338	96.888	2.453	.042	.002	.002	0	0	.001
08/26/2017	1,039.6	1,021.5	.580	1,365.35	-151.09	.332	.337	95.330	3.851	.129	.008	.008	.002	.001	.002
08/27/2017	1,033.3	1,015.4	.588	1,347.53	-72.82	.664	.877	94.457	3.624	.288	.026	.033	.009	.006	.015
08/28/2017	1,035.4	1,017.4	.589	1,349.31	-68.25	.670	.839	94.310	3.768	.314	.029	.037	.009	.006	.017
08/29/2017	1,029.5	1,011.6	.588	1,342.47	-70.38	.756	.970	94.564	3.302	.313	.028	.036	.009	.006	.016
08/30/2017	1,019.7	1,001.9	.582	1,336.62	-159.37	.727	.998	95.736	2.220	.241	.023	.030	.007	.005	.014
08/31/2017	1,026.3	1,008.5	.589	1,337.48	-150.91	.857	1.075	94.510	3.128	.340	.028	.036	.008	.005	.013
09/01/2017	1,041.4	1,023.2	.587	1,359.28	-145.86	.480	.613	94.275	4.367	.222	.014	.015	.004	.002	.009
09/02/2017	1,053.0	1,034.6	.587	1,373.78	-141.01	.314	.300	93.759	5.440	.166	.008	.008	.001	.001	.003
09/03/2017	1,058.2	1,039.8	.588	1,379.67	-138.67	.244	.189	93.477	5.907	.171	.006	.005	0	0	.001
09/04/2017	1,058.2	1,039.8	.588	1,379.85	-138.75	.242	.181	93.497	5.901	.167	.006	.005	0	0	.001
09/05/2017	1,057.0	1,038.6	.590	1,376.19	-137.73	.338	.275	93.344	5.774	.229	.014	.015	.003	.002	.005
09/06/2017	1,057.0	1,038.6	.590	1,376.56	-137.71	.329	.262	93.401	5.732	.234	.014	.016	.004	.003	.006
09/07/2017	1,053.1	1,034.7	.585	1,377.24	-142.25	.244	.166	94.211	5.191	.172	.008	.006	.001	0	.002
09/08/2017	1,034.5	1,016.5	.574	1,365.61	-157.50	.251	.225	96.362	3.076	.075	.004	.004	.001	0	.001
09/09/2017	1,027.4	1,009.5	.570	1,360.80	-164.37	.275	.251	97.165	2.236	.059	.005	.005	.001	0	.002
09/10/2017	1,028.8	1,010.9	.570	1,362.14	-162.68	.269	.226	97.074	2.346	.071	.006	.006	.001	0	.002
09/11/2017	1,042.8	1,024.6	.579	1,370.51	-150.10	.255	.210	95.361	4.041	.123	.005	.004	0	0	.001
09/12/2017	1,049.5	1,031.2	.583	1,375.02	-145.09	.255	.170	94.621	4.780	.162	.005	.004	0	0	.001
09/13/2017	1,051.3	1,033.0	.583	1,376.78	-144.07	.241	.140	94.483	4.962	.164	.005	.004	0	0	.001
09/14/2017	1,051.7	1,033.4	.583	1,377.07	-143.52	.241	.138	94.433	5.008	.169	.005	.004	0	0	.001
09/15/2017	1,034.1	1,016.1	.572	1,366.94	-158.45	.246	.147	96.612	2.903	.082	.004	.004	0	0	.001
09/16/2017	1,027.8	1,009.9	.569	1,362.90	-165.07	.252	.169	97.325	2.207	.040	.003	.003	0	0	.001
09/17/2017	1,028.9	1,011.0	.569	1,363.86	-163.56	.246	.155	97.232	2.315	.044	.004	.003	0	0	.001
09/18/2017	1,029.0	1,011.1	.569	1,363.73	-163.36	.249	.162	97.209	2.320	.050	.004	.004	0	0	.001
09/19/2017	1,026.5	1,008.6	.569	1,361.30	-165.93	.297	.184	97.355	2.116	.040	.003	.003	0	0	.001
09/20/2017	1,028.9	1,011.0	.569	1,364.58	-164.38	.247	.117	97.321	2.263	.044	.003	.004	0	0	.001
09/21/2017	1,029.5	1,011.6	.569	1,364.80	-163.15	.249	.122	97.226	2.348	.045	.004	.004	.001	0	.001
09/22/2017	1,029.4	1,011.5	.569	1,364.47	-163.06	.253	.134	97.206	2.348	.049	.004	.004	.001	0	.001
09/23/2017	1,030.1	1,012.2	.570	1,364.86	-162.41	.252	.134	97.130	2.423	.051	.004	.004	.001	0	.001
09/24/2017	1,032.0	1,014.0	.571	1,365.49	-160.44	.251	.156	96.838	2.688	.055	.004	.004	.001	0	.001
09/25/2017	1,031.6	1,013.6	.571	1,365.68	-160.97	.251	.136	96.932	2.616	.054	.004	.004	.001	0	.001

M - CPL

7/12/2017 - 10/12/2017

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%)
09/26/2017	1,031.2	1,013.2	.570	1,365.22	-161.37	.249	.148	96.955	2.586	.053	.004	.003	0	0	.001
09/27/2017	1,030.4	1,012.5	.570	1,364.85	-162.06	.253	.144	97.056	2.489	.050	.004	.004	.001	0	.001
09/28/2017	1,047.4	1,029.2	.580	1,374.81	-147.16	.243	.129	94.956	4.546	.115	.005	.004	0	0	.001
09/29/2017	1,072.8	1,054.2	.597	1,389.03	-129.41	.231	.133	91.808	7.570	.241	.009	.006	0	0	.001
09/30/2017	1,073.1	1,054.5	.597	1,389.42	-129.37	.233	.120	91.769	7.644	.219	.007	.005	0	0	.001
10/01/2017	1,062.3	1,043.8	.590	1,383.19	-136.45	.238	.129	93.060	6.420	.141	.006	.005	0	0	.001
10/02/2017	1,044.6	1,026.5	.579	1,372.93	-149.41	.244	.145	95.238	4.290	.075	.004	.003	0	0	.001
10/03/2017	1,029.5	1,011.6	.571	1,362.95	-162.40	.251	.216	97.020	2.441	.063	.004	.004	0	0	.001
10/04/2017	1,042.1	1,024.0	.581	1,367.72	-147.90	.249	.337	95.594	3.342	.383	.047	.041	.003	.002	.001
10/05/2017	1,031.5	1,013.6	.571	1,365.69	-161.09	.248	.136	96.937	2.619	.052	.004	.004	0	0	.001
10/06/2017	1,031.5	1,013.6	.571	1,365.69	-161.09	.248	.136	96.937	2.619	.052	.004	.004	0	0	.001
10/07/2017	1,031.5	1,013.6	.571	1,365.69	-161.09	.248	.136	96.937	2.619	.052	.004	.004	0	0	.001
10/08/2017	1,031.5	1,013.6	.571	1,365.69	-161.09	.248	.136	96.937	2.619	.052	.004	.004	0	0	.001
10/09/2017	1,031.4	1,013.4	.571	1,364.77	-161.08	.252	.176	96.837	2.687	.043	.002	.002	0	0	0
10/10/2017	1,030.9	1,013.0	.570	1,365.08	-161.62	.250	.148	96.982	2.565	.047	.004	.003	0	0	.001

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: BusinessUnitID = 70; Analysis_Key = 48752;