

Gas Quality Reports

LS145 - South Glavin

5/17/2019 - 8/17/2019

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%)
05/17/2019	1,053.5	1,035.1	0.608	1,351.47	-43.56	1.965	0.437	90.882	5.437	1.044	0.068	0.117	0.018	0.016	0.016
05/18/2019	1,046.9	1,028.7	0.632	1,317.12	-23.57	4.286	0.664	86.683	6.463	1.469	0.136	0.201	0.039	0.038	0.022
05/19/2019	1,084.0	1,065.2	0.624	1,372.80	-28.86	1.277	0.669	88.783	7.282	1.642	0.105	0.182	0.025	0.022	0.016
05/20/2019	1,075.1	1,056.4	0.628	1,357.08	-29.36	2.083	0.743	87.836	7.416	1.574	0.102	0.183	0.025	0.023	0.015
05/21/2019	1,053.1	1,034.7	0.644	1,312.21	-5.75	5.007	0.705	84.798	7.131	1.754	0.151	0.304	0.054	0.056	0.040
05/22/2019	1,064.9	1,046.4	0.620	1,352.54	-33.99	2.257	0.555	88.627	7.150	1.136	0.075	0.135	0.023	0.022	0.019
05/23/2019	1,053.5	1,035.2	0.613	1,345.74	-50.22	2.551	0.377	89.400	6.572	0.926	0.051	0.086	0.014	0.012	0.011
05/24/2019	1,043.9	1,025.7	0.609	1,337.79	-60.66	3.056	0.178	89.691	6.163	0.790	0.036	0.059	0.010	0.008	0.009
05/25/2019	1,041.7	1,023.6	0.607	1,337.32	-51.61	2.798	0.303	90.373	5.593	0.761	0.047	0.082	0.014	0.014	0.014
05/26/2019	1,056.7	1,038.3	0.617	1,345.15	-36.79	2.883	0.293	88.764	6.714	1.089	0.070	0.126	0.021	0.020	0.019
05/27/2019	1,056.0	1,037.7	0.621	1,339.82	-33.45	3.170	0.389	88.149	6.800	1.195	0.081	0.150	0.024	0.023	0.019
05/28/2019	995.9	978.6	0.641	1,244.18	-37.52	8.436	0.510	83.367	6.249	1.159	0.081	0.140	0.022	0.020	0.015
05/29/2019	1,053.3	1,035.0	0.623	1,334.13	-37.52	3.349	0.509	87.735	6.946	1.191	0.076	0.140	0.021	0.020	0.015
05/30/2019	1,052.5	1,034.2	0.619	1,337.56	-44.02	3.129	0.429	88.342	6.766	1.118	0.062	0.112	0.016	0.014	0.012
05/31/2019	1,047.9	1,029.7	0.623	1,328.01	-43.29	3.663	0.473	87.647	6.854	1.129	0.068	0.123	0.017	0.016	0.011
06/01/2019	1,027.7	1,009.8	0.607	1,319.35	-61.67	3.283	0.537	90.425	4.889	0.711	0.045	0.079	0.011	0.010	0.009
06/02/2019	1,039.3	1,021.2	0.615	1,324.72	-54.07	3.459	0.504	88.856	6.065	0.942	0.052	0.091	0.012	0.010	0.009
06/03/2019	1,044.2	1,026.0	0.619	1,327.32	-52.14	3.620	0.415	88.126	6.636	1.027	0.054	0.092	0.011	0.010	0.008
06/04/2019	1,031.4	1,013.5	0.626	1,303.43	-49.65	4.996	0.466	86.635	6.567	1.136	0.063	0.107	0.013	0.011	0.007
06/05/2019	1,028.5	1,010.6	0.630	1,295.98	-44.68	5.631	0.389	85.910	6.562	1.291	0.068	0.113	0.015	0.012	0.010
06/06/2019	1,029.6	1,011.7	0.626	1,301.76	-50.53	5.401	0.235	86.480	6.514	1.180	0.062	0.099	0.012	0.010	0.007
06/07/2019	1,025.5	1,007.7	0.622	1,299.99	-46.33	5.392	0.200	87.113	5.966	1.122	0.068	0.098	0.016	0.013	0.012
06/08/2019	1,044.9	1,026.7	0.619	1,328.39	-37.94	3.912	0.184	88.321	6.030	1.325	0.075	0.106	0.017	0.012	0.018
06/09/2019	1,039.7	1,021.6	0.610	1,331.47	-48.38	3.423	0.155	89.807	5.386	1.067	0.050	0.075	0.013	0.009	0.015
06/10/2019	1,039.7	1,021.6	0.610	1,331.47	-48.38	3.423	0.155	89.807	5.386	1.067	0.050	0.075	0.013	0.009	0.015
06/11/2019	1,039.7	1,021.6	0.610	1,331.47	-48.38	3.423	0.155	89.807	5.386	1.067	0.050	0.075	0.013	0.009	0.015
06/12/2019	1,049.5	1,031.3	0.614	1,339.65	-33.66	2.975	0.311	89.319	6.168	0.995	0.065	0.099	0.022	0.020	0.026
06/13/2019	1,040.8	1,022.7	0.609	1,333.57	-53.67	3.175	0.236	89.763	5.872	0.808	0.042	0.069	0.012	0.010	0.013
06/14/2019	1,045.8	1,027.6	0.613	1,335.95	-57.20	3.038	0.357	89.310	6.170	0.966	0.051	0.082	0.011	0.010	0.006
06/15/2019	1,053.8	1,035.5	0.618	1,339.98	-49.03	2.894	0.488	88.576	6.699	1.128	0.068	0.114	0.014	0.013	0.007
06/16/2019	1,050.8	1,032.5	0.612	1,343.50	-51.29	2.575	0.399	89.717	6.128	1.010	0.053	0.085	0.013	0.011	0.011
06/17/2019	1,065.4	1,046.8	0.620	1,353.38	-38.82	2.367	0.451	88.591	7.070	1.290	0.070	0.115	0.017	0.015	0.015
06/18/2019	1,053.3	1,035.0	0.613	1,345.22	-44.02	2.309	0.558	89.803	6.037	1.082	0.063	0.102	0.017	0.015	0.015
06/19/2019	1,035.7	1,017.7	0.604	1,332.88	-53.06	2.345	0.652	91.446	4.567	0.832	0.047	0.074	0.012	0.011	0.015
06/20/2019	1,051.8	1,033.5	0.611	1,345.77	-46.07	2.513	0.343	89.894	6.069	0.997	0.054	0.087	0.015	0.013	0.015
06/21/2019	1,041.8	1,023.7	0.604	1,340.50	-54.28	2.400	0.391	91.082	5.163	0.815	0.047	0.068	0.012	0.010	0.014
06/22/2019	1,064.1	1,045.6	0.619	1,352.93	-46.55	2.655	0.247	88.422	7.211	1.289	0.056	0.089	0.011	0.009	0.009
06/23/2019	1,059.3	1,040.9	0.616	1,349.97	-44.41	2.462	0.385	89.126	6.655	1.170	0.062	0.099	0.015	0.013	0.013
06/24/2019	1,059.9	1,041.5	0.615	1,351.09	-42.81	2.470	0.335	89.248	6.488	1.241	0.067	0.107	0.017	0.014	0.013
06/25/2019	1,055.1	1,036.8	0.610	1,351.16	-53.49	2.235	0.331	90.110	6.118	1.046	0.051	0.082	0.011	0.008	0.009
06/26/2019	1,029.5	1,011.6	0.598	1,330.91	-71.39	2.378	0.541	92.080	4.297	0.596	0.032	0.051	0.009	0.008	0.009
06/27/2019	1,055.0	1,036.6	0.609	1,351.34	-57.33	2.134	0.383	90.077	6.341	0.928	0.043	0.067	0.010	0.008	0.008
06/28/2019	1,061.6	1,043.1	0.613	1,355.55	-55.79	2.410	0.179	89.067	7.250	0.965	0.041	0.064	0.009	0.007	0.008

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06/29/2019	1,036.3	1,018.3	0.601	1,336.60	-70.72	2.551	0.330	91.276	5.127	0.618	0.029	0.046	0.008	0.006	0.008
06/30/2019	1,037.9	1,019.9	0.601	1,338.66	-65.98	2.340	0.406	91.437	5.066	0.636	0.033	0.053	0.009	0.008	0.010
07/01/2019	1,059.8	1,041.3	0.614	1,352.68	-52.44	2.279	0.368	89.307	6.832	1.071	0.046	0.072	0.010	0.008	0.009
07/02/2019	1,037.2	1,019.2	0.600	1,339.16	-72.44	2.176	0.465	91.690	4.983	0.585	0.030	0.048	0.008	0.007	0.008
07/03/2019	1,036.3	1,018.3	0.597	1,341.36	-65.45	1.990	0.435	92.327	4.585	0.544	0.031	0.054	0.011	0.011	0.012
07/04/2019	1,071.5	1,052.9	0.618	1,362.96	-46.03	2.362	0.112	88.452	7.615	1.283	0.057	0.089	0.012	0.009	0.009
07/05/2019	1,068.2	1,049.6	0.615	1,361.68	-50.07	2.322	0.105	88.750	7.591	1.078	0.051	0.074	0.011	0.009	0.009
07/06/2019	1,062.3	1,043.8	0.613	1,356.28	-54.69	2.479	0.116	88.972	7.335	0.960	0.046	0.066	0.010	0.008	0.008
07/07/2019	1,046.8	1,028.6	0.606	1,344.31	-62.83	2.394	0.344	90.427	5.950	0.763	0.040	0.058	0.009	0.007	0.008
07/08/2019	1,060.3	1,041.9	0.612	1,355.61	-55.10	2.223	0.258	89.513	6.893	0.975	0.047	0.066	0.010	0.007	0.008
07/09/2019	1,062.6	1,044.1	0.613	1,356.96	-54.59	2.254	0.235	89.206	7.192	0.969	0.049	0.069	0.010	0.008	0.008
07/10/2019	1,061.9	1,043.4	0.613	1,356.55	-55.67	2.249	0.238	89.250	7.194	0.933	0.046	0.065	0.010	0.008	0.008
07/11/2019	1,048.0	1,029.8	0.605	1,347.77	-59.58	2.005	0.445	91.015	5.598	0.802	0.044	0.063	0.011	0.008	0.010
07/12/2019	1,058.6	1,040.2	0.609	1,356.76	-56.72	1.897	0.354	90.176	6.564	0.871	0.046	0.066	0.010	0.008	0.009
07/13/2019	1,058.0	1,039.6	0.609	1,355.35	-45.58	1.977	0.359	90.260	6.277	0.927	0.055	0.098	0.017	0.016	0.015
07/14/2019	1,053.7	1,035.3	0.609	1,350.73	-59.13	2.390	0.208	89.886	6.616	0.775	0.037	0.060	0.010	0.009	0.009
07/15/2019	1,056.9	1,038.5	0.611	1,351.57	-56.74	2.357	0.286	89.498	6.838	0.880	0.044	0.070	0.011	0.009	0.008
07/16/2019	1,056.1	1,037.7	0.611	1,350.68	-50.50	2.213	0.404	89.899	6.272	1.029	0.054	0.097	0.013	0.010	0.010
07/17/2019	1,081.0	1,062.2	0.622	1,370.22	-35.68	1.969	0.263	88.266	7.705	1.479	0.086	0.187	0.019	0.016	0.009
07/18/2019	1,062.5	1,044.0	0.612	1,357.75	-51.34	2.007	0.351	89.650	6.796	1.006	0.056	0.106	0.012	0.010	0.008
07/19/2019	1,057.9	1,039.5	0.610	1,354.12	-56.17	2.277	0.230	89.706	6.752	0.874	0.050	0.084	0.010	0.008	0.008
07/20/2019	1,059.4	1,040.9	0.614	1,352.48	-55.13	2.483	0.232	89.037	7.184	0.929	0.044	0.065	0.009	0.007	0.009
07/21/2019	1,067.3	1,048.7	0.616	1,360.25	-51.57	2.316	0.160	88.734	7.557	1.095	0.044	0.069	0.009	0.007	0.008
07/22/2019	1,051.0	1,032.7	0.607	1,348.53	-58.13	2.241	0.344	90.262	6.265	0.757	0.036	0.064	0.011	0.010	0.010
07/23/2019	1,062.7	1,044.2	0.614	1,356.04	-54.98	2.271	0.280	89.041	7.286	0.986	0.043	0.068	0.010	0.008	0.007
07/24/2019	1,053.7	1,035.3	0.611	1,348.02	-62.88	2.497	0.290	89.475	6.787	0.832	0.038	0.061	0.008	0.007	0.005
07/25/2019	1,057.5	1,039.1	0.610	1,353.70	-59.98	2.268	0.245	89.643	6.877	0.850	0.037	0.058	0.009	0.007	0.007
07/26/2019	1,063.2	1,044.7	0.616	1,354.85	-50.42	2.292	0.350	88.866	7.283	1.063	0.046	0.072	0.011	0.009	0.010
07/27/2019	1,067.9	1,049.4	0.617	1,359.16	-48.97	2.287	0.261	88.583	7.564	1.137	0.054	0.084	0.011	0.009	0.008
07/28/2019	1,070.4	1,051.8	0.617	1,362.93	-51.74	2.280	0.133	88.529	7.764	1.151	0.047	0.073	0.009	0.007	0.006
07/29/2019	1,069.1	1,050.5	0.616	1,362.26	-48.80	2.239	0.155	88.749	7.596	1.099	0.051	0.079	0.012	0.010	0.009
07/30/2019	1,028.1	1,010.2	0.598	1,329.72	-80.12	2.537	0.456	91.982	4.417	0.513	0.028	0.044	0.008	0.007	0.008
07/31/2019	1,065.0	1,046.5	0.616	1,357.08	-46.58	2.350	0.242	89.029	6.908	1.305	0.051	0.084	0.011	0.009	0.010
08/01/2019	1,055.4	1,037.0	0.610	1,351.27	-56.99	2.304	0.290	89.864	6.446	0.962	0.041	0.068	0.009	0.008	0.008
08/02/2019	1,049.4	1,031.1	0.608	1,345.68	-60.75	2.151	0.509	90.373	5.994	0.842	0.040	0.066	0.009	0.008	0.007
08/03/2019	1,049.1	1,030.8	0.606	1,347.25	-65.84	2.157	0.409	90.484	6.105	0.730	0.035	0.057	0.008	0.008	0.007
08/04/2019	1,036.5	1,018.5	0.600	1,338.61	-139.29	2.302	0.391	91.413	5.409	0.418	0.019	0.032	0.005	0.005	0.005
08/05/2019	1,034.4	1,016.4	0.599	1,336.18	-140.69	2.207	0.519	91.570	5.275	0.365	0.019	0.030	0.005	0.005	0.006
08/06/2019	1,036.1	1,018.0	0.600	1,337.29	-139.38	2.270	0.471	91.333	5.461	0.407	0.017	0.027	0.004	0.004	0.006
08/07/2019	1,038.3	1,020.2	0.601	1,339.57	-137.76	2.144	0.498	91.397	5.392	0.495	0.022	0.033	0.006	0.005	0.008
08/08/2019	1,038.9	1,020.9	0.600	1,340.97	-138.34	2.054	0.501	91.395	5.584	0.410	0.016	0.025	0.004	0.004	0.007
08/09/2019	1,047.9	1,029.7	0.605	1,346.75	-67.70	2.255	0.335	90.468	6.191	0.662	0.027	0.042	0.007	0.006	0.008
08/10/2019	1,057.6	1,039.2	0.612	1,351.37	-54.78	2.532	0.205	89.235	6.942	0.962	0.037	0.060	0.010	0.008	0.009

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08/11/2019	1,044.8	1,026.6	0.605	1,343.40	-67.94	2.313	0.384	90.636	5.904	0.668	0.028	0.046	0.007	0.006	0.008
08/12/2019	1,051.9	1,033.6	0.606	1,350.82	-59.05	2.046	0.372	90.616	5.976	0.872	0.035	0.058	0.009	0.007	0.010
08/13/2019	1,052.6	1,034.3	0.609	1,348.46	-58.19	2.334	0.337	89.948	6.375	0.889	0.035	0.057	0.008	0.007	0.009
08/14/2019	1,035.7	1,017.7	0.599	1,338.47	-140.89	2.011	0.564	91.671	5.384	0.322	0.013	0.022	0.004	0.004	0.006
08/15/2019	1,037.6	1,019.6	0.599	1,340.82	-140.17	1.973	0.521	91.579	5.579	0.303	0.012	0.020	0.004	0.004	0.006

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 = 53881