

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%)
07/04/2024 12:00AM	1,046.1	1,027.9	0.602	1,348.28	-134.90	1.765	0.517	91.110	6.144	0.398	0.021	0.027	0.006	0.004	0.008
07/05/2024 12:00AM	1,034.1	1,016.1	0.594	1,341.86	-143.39	1.778	0.479	92.684	4.647	0.340	0.020	0.032	0.006	0.005	0.008
07/06/2024 12:00AM	1,046.7	1,028.5	0.600	1,350.88	-69.57	1.460	0.592	91.630	5.831	0.395	0.027	0.038	0.009	0.007	0.011
07/07/2024 12:00AM	1,046.9	1,028.7	0.603	1,347.71	-133.65	1.888	0.490	90.838	6.274	0.438	0.022	0.031	0.006	0.004	0.008
07/08/2024 12:00AM	1,027.4	1,009.5	0.593	1,334.37	-147.17	2.016	0.519	92.886	4.192	0.317	0.018	0.034	0.005	0.005	0.007
07/09/2024 12:00AM	1,031.5	1,013.5	0.596	1,335.92	-69.66	2.041	0.548	92.416	4.481	0.401	0.026	0.055	0.010	0.010	0.012
07/10/2024 12:00AM	1,043.7	1,025.6	0.603	1,344.50	-51.98	1.946	0.529	91.298	5.552	0.527	0.034	0.067	0.014	0.014	0.018
07/11/2024 12:00AM	1,040.2	1,022.1	0.600	1,343.36	-94.90	1.894	0.511	91.784	5.231	0.459	0.030	0.058	0.011	0.011	0.011
07/12/2024 12:00AM	1,047.2	1,029.0	0.605	1,346.07	-73.70	1.866	0.604	90.968	5.817	0.568	0.043	0.082	0.018	0.017	0.017
07/13/2024 12:00AM	1,054.4	1,036.1	0.608	1,351.70	-41.50	1.646	0.666	90.566	6.268	0.634	0.053	0.099	0.023	0.023	0.022
07/14/2024 12:00AM	1,049.0	1,030.8	0.604	1,349.34	-73.32	1.724	0.573	90.959	6.114	0.496	0.033	0.060	0.013	0.013	0.015
07/15/2024 12:00AM	1,034.8	1,016.8	0.597	1,339.08	-138.88	2.024	0.493	91.966	5.122	0.329	0.018	0.032	0.006	0.005	0.006
07/16/2024 12:00AM	1,030.7	1,012.8	0.595	1,335.93	-141.33	2.131	0.466	92.317	4.692	0.323	0.018	0.035	0.006	0.006	0.007
07/17/2024 12:00AM	1,033.8	1,015.8	0.596	1,338.59	-129.55	2.056	0.465	92.155	4.877	0.371	0.020	0.037	0.007	0.006	0.007
07/18/2024 12:00AM	1,036.1	1,018.1	0.597	1,341.27	-116.29	1.839	0.534	92.254	4.891	0.389	0.025	0.043	0.008	0.007	0.009
07/19/2024 12:00AM	1,051.8	1,033.5	0.606	1,351.42	-81.51	1.816	0.490	90.485	6.596	0.529	0.026	0.038	0.008	0.005	0.009
07/20/2024 12:00AM	1,049.5	1,031.2	0.604	1,350.23	-106.33	1.842	0.464	90.683	6.476	0.467	0.021	0.030	0.006	0.004	0.007
07/21/2024 12:00AM	1,048.0	1,029.8	0.604	1,348.60	-108.09	1.987	0.411	90.717	6.307	0.501	0.023	0.036	0.006	0.005	0.007
07/22/2024 12:00AM	1,033.7	1,015.7	0.596	1,338.60	-136.41	2.079	0.447	92.167	4.863	0.355	0.022	0.045	0.007	0.007	0.008
07/23/2024 12:00AM	1,035.0	1,017.0	0.597	1,339.82	-118.43	2.033	0.452	92.114	4.942	0.362	0.025	0.048	0.008	0.008	0.009
07/24/2024 12:00AM	1,030.3	1,012.4	0.593	1,337.52	-130.61	2.028	0.431	92.792	4.291	0.353	0.025	0.053	0.008	0.009	0.009
07/25/2024 12:00AM	1,032.4	1,014.5	0.595	1,338.29	-132.37	2.043	0.446	92.461	4.567	0.389	0.024	0.046	0.008	0.008	0.009
07/26/2024 12:00AM	1,037.8	1,019.8	0.598	1,341.82	-120.16	2.003	0.451	91.838	5.216	0.410	0.022	0.039	0.007	0.006	0.008
07/27/2024 12:00AM	1,045.4	1,027.2	0.602	1,347.53	-91.70	1.823	0.496	91.258	5.844	0.485	0.028	0.044	0.008	0.006	0.009
07/28/2024 12:00AM	1,051.6	1,033.3	0.607	1,349.85	-68.15	1.855	0.543	90.441	6.460	0.570	0.037	0.060	0.012	0.010	0.011
07/29/2024 12:00AM	1,037.3	1,019.3	0.598	1,341.04	-83.15	1.875	0.560	92.078	4.931	0.431	0.030	0.058	0.012	0.012	0.014
07/30/2024 12:00AM	1,039.1	1,021.0	0.600	1,340.99	-67.56	2.154	0.438	91.446	5.420	0.425	0.027	0.055	0.011	0.011	0.012
07/31/2024 12:00AM	1,039.1	1,021.0	0.599	1,342.04	-72.37	1.998	0.481	91.703	5.282	0.422	0.027	0.055	0.010	0.010	0.012
08/01/2024 12:00AM	1,032.8	1,014.8	0.594	1,339.56	-114.32	1.910	0.476	92.631	4.531	0.355	0.023	0.047	0.008	0.008	0.010
08/02/2024 12:00AM	1,030.8	1,012.9	0.593	1,338.16	-139.77	1.962	0.457	92.700	4.504	0.307	0.017	0.033	0.006	0.006	0.008
08/03/2024 12:00AM	1,031.0	1,013.1	0.594	1,337.36	-144.85	2.015	0.473	92.487	4.669	0.293	0.016	0.030	0.005	0.005	0.007
08/04/2024 12:00AM	1,033.0	1,015.1	0.594	1,340.38	-141.55	1.900	0.446	92.522	4.801	0.272	0.014	0.027	0.005	0.005	0.007
08/05/2024 12:00AM	1,037.1	1,019.1	0.597	1,342.64	-121.56	1.907	0.447	92.046	5.209	0.324	0.018	0.029	0.006	0.005	0.009
08/06/2024 12:00AM	1,045.8	1,027.6	0.602	1,347.64	-132.40	1.857	0.480	91.086	6.049	0.460	0.022	0.031	0.006	0.004	0.006
08/07/2024 12:00AM	1,040.7	1,022.6	0.598	1,346.19	-136.47	1.853	0.401	91.837	5.480	0.366	0.018	0.028	0.005	0.004	0.006
08/08/2024 12:00AM	1,049.2	1,030.9	0.604	1,349.89	-93.23	1.878	0.449	90.751	6.320	0.526	0.023	0.034	0.007	0.005	0.007
08/09/2024 12:00AM	1,052.1	1,033.8	0.604	1,353.15	-113.22	1.995	0.284	90.480	6.627	0.547	0.022	0.032	0.005	0.004	0.005
08/10/2024 12:00AM	1,036.0	1,018.0	0.597	1,341.13	-141.35	1.958	0.462	92.063	5.089	0.357	0.019	0.035	0.005	0.005	0.006
08/11/2024 12:00AM	1,041.9	1,023.8	0.600	1,345.17	-132.58	1.856	0.494	91.534	5.607	0.443	0.020	0.031	0.005	0.004	0.006
08/12/2024 12:00AM	1,034.8	1,016.8	0.595	1,340.93	-141.02	1.757	0.564	92.405	4.893	0.324	0.016	0.025	0.005	0.004	0.006
08/13/2024 12:00AM	1,038.4	1,020.4	0.597	1,343.61	-140.56	1.724	0.556	92.049	5.259	0.353	0.017	0.027	0.005	0.004	0.006
08/14/2024 12:00AM	1,047.2	1,029.0	0.601	1,350.58	-108.77	1.286	0.738	91.604	5.896	0.397	0.025	0.033	0.008	0.005	0.009
08/15/2024 12:00AM	1,029.2	1,011.3	0.592	1,337.17	-130.80	1.818	0.554	93.000	4.268	0.292	0.017	0.032	0.006	0.006	0.007

Gas Quality Reports
LS235 - On Sugar Creek 16"
7/4/2024 - 10/4/2024

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%)
08/16/2024 12:00AM	1,039.5	1,021.4	0.600	1,342.10	-117.26	1.864	0.582	91.647	5.399	0.426	0.023	0.039	0.007	0.006	0.007
08/17/2024 12:00AM	1,038.7	1,020.7	0.598	1,343.07	-121.12	1.834	0.521	91.937	5.225	0.404	0.021	0.037	0.007	0.006	0.008
08/18/2024 12:00AM	1,055.0	1,036.7	0.608	1,352.81	-81.40	1.705	0.587	90.249	6.752	0.576	0.035	0.059	0.014	0.012	0.011
08/19/2024 12:00AM	1,044.4	1,026.3	0.603	1,344.71	-89.60	1.799	0.637	91.115	5.873	0.485	0.025	0.042	0.008	0.007	0.009
08/20/2024 12:00AM	1,049.2	1,030.9	0.604	1,350.32	-108.29	1.710	0.535	90.864	6.352	0.473	0.021	0.028	0.006	0.004	0.006
08/21/2024 12:00AM	1,047.1	1,028.9	0.601	1,350.72	-135.06	1.968	0.278	91.044	6.243	0.417	0.016	0.021	0.005	0.003	0.005
08/22/2024 12:00AM	1,049.3	1,031.1	0.605	1,348.50	-124.79	1.728	0.631	90.536	6.602	0.449	0.018	0.023	0.005	0.003	0.005
08/23/2024 12:00AM	1,039.2	1,021.1	0.599	1,342.99	-128.40	1.961	0.458	91.711	5.392	0.408	0.020	0.034	0.006	0.005	0.006
08/24/2024 12:00AM	1,037.0	1,019.0	0.597	1,341.92	-141.54	1.922	0.472	91.963	5.241	0.343	0.017	0.028	0.005	0.004	0.006
08/25/2024 12:00AM	1,040.2	1,022.1	0.599	1,343.53	-113.64	1.642	0.669	91.799	5.451	0.362	0.022	0.034	0.007	0.006	0.008
08/26/2024 12:00AM	1,036.0	1,018.0	0.597	1,341.20	-139.31	1.772	0.580	92.184	5.067	0.333	0.017	0.030	0.005	0.005	0.006
08/27/2024 12:00AM	1,030.9	1,013.0	0.593	1,339.04	-146.39	1.884	0.463	92.743	4.613	0.250	0.013	0.021	0.004	0.004	0.005
08/28/2024 12:00AM	1,035.3	1,017.3	0.597	1,339.69	-139.02	2.042	0.465	91.891	5.220	0.324	0.017	0.029	0.005	0.004	0.004
08/29/2024 12:00AM	1,040.7	1,022.6	0.599	1,345.19	-126.95	1.676	0.574	91.891	5.404	0.378	0.023	0.036	0.007	0.006	0.007
08/30/2024 12:00AM	1,038.0	1,020.0	0.596	1,344.14	-135.75	1.615	0.584	92.297	5.096	0.344	0.019	0.028	0.006	0.005	0.006
08/31/2024 12:00AM	1,043.6	1,025.5	0.602	1,345.26	-133.45	1.736	0.623	91.293	5.843	0.435	0.022	0.033	0.006	0.004	0.006
09/01/2024 12:00AM	1,044.6	1,026.5	0.604	1,344.71	-104.17	1.972	0.530	90.904	6.037	0.469	0.026	0.040	0.008	0.007	0.007
09/02/2024 12:00AM	1,045.1	1,027.0	0.606	1,343.10	-93.20	1.882	0.694	90.736	6.066	0.529	0.027	0.044	0.008	0.006	0.008
09/03/2024 12:00AM	1,042.5	1,024.3	0.601	1,345.12	-105.23	1.434	0.791	91.746	5.559	0.387	0.025	0.036	0.008	0.006	0.008
09/04/2024 12:00AM	1,033.6	1,015.6	0.596	1,339.36	-132.01	1.820	0.571	92.439	4.755	0.345	0.019	0.032	0.006	0.005	0.007
09/05/2024 12:00AM	1,036.8	1,018.8	0.599	1,339.80	-114.40	1.944	0.570	91.793	5.232	0.381	0.021	0.037	0.007	0.007	0.008
09/06/2024 12:00AM	1,048.0	1,029.8	0.608	1,343.77	-60.27	1.931	0.720	90.187	6.576	0.480	0.027	0.046	0.012	0.011	0.013
09/07/2024 12:00AM	1,048.5	1,030.3	0.609	1,343.80	-60.95	1.898	0.755	90.115	6.651	0.475	0.027	0.046	0.012	0.011	0.012
09/08/2024 12:00AM	1,051.2	1,032.9	0.609	1,347.41	-60.29	1.980	0.584	90.103	6.647	0.553	0.034	0.060	0.014	0.013	0.012
09/09/2024 12:00AM	1,053.9	1,035.6	0.608	1,351.99	-68.18	1.849	0.503	90.243	6.718	0.553	0.035	0.060	0.014	0.013	0.011
09/10/2024 12:00AM	1,051.9	1,033.6	0.608	1,349.12	-69.06	1.737	0.672	90.299	6.649	0.527	0.031	0.050	0.012	0.011	0.011
09/11/2024 12:00AM	1,042.5	1,024.3	0.601	1,344.17	-94.67	1.794	0.605	91.441	5.622	0.433	0.027	0.047	0.011	0.010	0.010
09/12/2024 12:00AM	1,049.0	1,030.7	0.607	1,346.31	-65.39	1.902	0.627	90.337	6.554	0.474	0.027	0.045	0.012	0.011	0.012
09/13/2024 12:00AM	1,040.9	1,022.8	0.602	1,341.46	-101.77	2.051	0.538	91.184	5.697	0.430	0.025	0.046	0.010	0.009	0.009
09/14/2024 12:00AM	1,040.3	1,022.2	0.598	1,344.78	-109.20	1.989	0.372	91.748	5.379	0.431	0.022	0.038	0.007	0.007	0.007
09/15/2024 12:00AM	1,041.6	1,023.4	0.600	1,345.17	-99.26	1.944	0.424	91.540	5.616	0.392	0.022	0.036	0.008	0.007	0.010
09/16/2024 12:00AM	1,047.4	1,029.2	0.606	1,345.85	-68.58	2.066	0.493	90.614	6.141	0.543	0.035	0.067	0.015	0.014	0.012
09/17/2024 12:00AM	1,047.1	1,028.9	0.606	1,345.01	-60.87	2.209	0.437	90.390	6.309	0.533	0.030	0.055	0.013	0.012	0.011
09/18/2024 12:00AM	1,047.9	1,029.7	0.606	1,345.91	-64.04	2.107	0.479	90.520	6.141	0.632	0.032	0.057	0.011	0.011	0.010
09/19/2024 12:00AM	1,058.4	1,040.0	0.613	1,351.46	-40.40	1.903	0.636	89.869	6.465	0.848	0.064	0.132	0.028	0.028	0.027
09/20/2024 12:00AM	1,061.7	1,043.2	0.615	1,354.00	-28.74	1.921	0.588	89.814	6.337	0.993	0.078	0.166	0.034	0.035	0.035
09/21/2024 12:00AM	1,048.9	1,030.7	0.602	1,352.27	-113.90	2.051	0.196	91.059	6.009	0.597	0.028	0.043	0.007	0.005	0.006
09/22/2024 12:00AM	1,051.8	1,033.5	0.603	1,354.90	-102.43	1.872	0.260	91.029	6.092	0.641	0.032	0.050	0.009	0.007	0.007
09/23/2024 12:00AM	1,061.6	1,043.1	0.617	1,351.28	-27.35	1.945	0.723	89.439	6.545	1.019	0.075	0.160	0.032	0.033	0.030
09/24/2024 12:00AM	1,048.5	1,030.3	0.608	1,344.73	-87.87	1.936	0.677	90.348	6.331	0.583	0.031	0.058	0.012	0.011	0.012
09/25/2024 12:00AM	1,044.5	1,026.3	0.605	1,343.28	-94.70	2.043	0.558	90.690	6.152	0.475	0.022	0.036	0.008	0.007	0.008
09/26/2024 12:00AM	1,048.3	1,030.1	0.608	1,344.91	-75.17	1.956	0.646	90.585	5.998	0.632	0.043	0.087	0.017	0.017	0.018
09/27/2024 12:00AM	1,049.9	1,031.7	0.610	1,344.53	-58.78	1.978	0.707	90.025	6.572	0.582	0.034	0.062	0.014	0.014	0.012

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%)
09/28/2024 12:00AM	1,048.9	1,030.7	0.609	1,344.54	-98.41	1.971	0.678	90.099	6.627	0.520	0.027	0.048	0.010	0.010	0.010
09/29/2024 12:00AM	1,063.0	1,044.5	0.618	1,352.14	-41.31	2.107	0.611	89.660	5.994	1.129	0.104	0.241	0.049	0.053	0.052
09/30/2024 12:00AM	1,058.3	1,039.9	0.614	1,350.26	-14.29	2.027	0.617	90.258	5.599	1.051	0.093	0.215	0.045	0.048	0.048
10/01/2024 12:00AM	1,052.4	1,034.0	0.608	1,349.61	-68.52	1.846	0.587	90.227	6.651	0.576	0.031	0.051	0.010	0.009	0.011
10/02/2024 12:00AM	1,048.4	1,030.2	0.606	1,346.32	-87.66	1.934	0.586	90.369	6.555	0.476	0.022	0.033	0.009	0.007	0.009
10/03/2024 12:00AM	1,047.2	1,029.0	0.607	1,344.56	-99.01	2.087	0.545	90.259	6.556	0.479	0.021	0.030	0.008	0.006	0.008

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 = 68423;