

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%)
08/08/2024 12:00AM	1,055.1	1,036.8	0.609	1,351.76	-91.74	1.993	0.461	89.752	7.105	0.620	0.024	0.032	0.006	0.004	0.005
08/09/2024 12:00AM	1,054.1	1,035.7	0.606	1,354.41	-107.07	2.005	0.272	90.258	6.822	0.574	0.023	0.033	0.005	0.004	0.005
08/10/2024 12:00AM	1,038.8	1,020.7	0.599	1,342.31	-136.38	1.991	0.463	91.684	5.387	0.398	0.021	0.039	0.006	0.006	0.006
08/11/2024 12:00AM	1,049.6	1,031.4	0.606	1,348.56	-101.56	1.856	0.553	90.522	6.440	0.553	0.024	0.035	0.006	0.004	0.006
08/12/2024 12:00AM	1,041.3	1,023.2	0.600	1,343.80	-116.04	1.743	0.623	91.550	5.609	0.409	0.020	0.030	0.006	0.005	0.007
08/13/2024 12:00AM	1,048.3	1,030.0	0.605	1,347.57	-122.83	1.748	0.635	90.646	6.440	0.468	0.020	0.028	0.005	0.004	0.006
08/14/2024 12:00AM	1,051.7	1,033.4	0.604	1,352.86	-84.74	1.213	0.803	91.092	6.367	0.439	0.028	0.035	0.009	0.006	0.010
08/15/2024 12:00AM	1,032.2	1,014.3	0.595	1,337.97	-119.20	1.851	0.585	92.524	4.629	0.333	0.020	0.036	0.007	0.006	0.008
08/16/2024 12:00AM	1,040.4	1,022.3	0.601	1,342.46	-116.60	1.865	0.589	91.533	5.491	0.438	0.023	0.041	0.007	0.006	0.007
08/17/2024 12:00AM	1,038.7	1,020.6	0.598	1,343.03	-118.59	1.826	0.527	91.947	5.214	0.405	0.022	0.037	0.007	0.006	0.008
08/18/2024 12:00AM	1,055.5	1,037.1	0.608	1,353.06	-76.37	1.707	0.586	90.199	6.794	0.582	0.035	0.060	0.013	0.012	0.011
08/19/2024 12:00AM	1,045.0	1,026.8	0.604	1,345.02	-83.92	1.798	0.636	91.058	5.928	0.488	0.025	0.042	0.008	0.007	0.010
08/20/2024 12:00AM	1,053.6	1,035.3	0.606	1,353.07	-95.58	1.649	0.565	90.409	6.795	0.514	0.022	0.029	0.006	0.004	0.007
08/21/2024 12:00AM	1,052.3	1,034.0	0.604	1,354.45	-116.73	1.859	0.309	90.587	6.743	0.447	0.018	0.022	0.005	0.004	0.006
08/22/2024 12:00AM	1,050.5	1,032.2	0.606	1,349.05	-121.75	1.729	0.637	90.379	6.742	0.459	0.018	0.023	0.006	0.004	0.005
08/23/2024 12:00AM	1,040.4	1,022.3	0.600	1,343.65	-119.67	1.951	0.465	91.574	5.521	0.416	0.020	0.035	0.006	0.005	0.007
08/24/2024 12:00AM	1,037.4	1,019.4	0.597	1,342.16	-141.24	1.907	0.482	91.922	5.284	0.344	0.017	0.029	0.005	0.005	0.006
08/25/2024 12:00AM	1,040.1	1,022.1	0.599	1,343.48	-114.03	1.642	0.671	91.804	5.444	0.363	0.022	0.035	0.007	0.006	0.008
08/26/2024 12:00AM	1,037.0	1,019.0	0.597	1,341.70	-128.32	1.752	0.598	92.070	5.177	0.337	0.018	0.031	0.005	0.005	0.007
08/27/2024 12:00AM	1,032.4	1,014.5	0.594	1,339.78	-145.15	1.860	0.487	92.560	4.789	0.256	0.014	0.022	0.005	0.004	0.005
08/28/2024 12:00AM	1,037.9	1,019.9	0.599	1,340.82	-136.86	2.030	0.493	91.552	5.515	0.345	0.018	0.032	0.005	0.004	0.005
08/29/2024 12:00AM	1,042.2	1,024.1	0.599	1,346.16	-119.97	1.631	0.597	91.774	5.524	0.392	0.024	0.038	0.008	0.006	0.008
08/30/2024 12:00AM	1,045.5	1,027.3	0.600	1,349.53	-119.66	1.287	0.741	91.832	5.647	0.408	0.026	0.036	0.008	0.006	0.008
08/31/2024 12:00AM	1,045.0	1,026.8	0.603	1,345.98	-129.84	1.691	0.657	91.166	5.962	0.449	0.023	0.034	0.006	0.005	0.006
09/01/2024 12:00AM	1,045.9	1,027.7	0.604	1,345.35	-100.76	1.968	0.538	90.750	6.170	0.484	0.026	0.041	0.008	0.007	0.007
09/02/2024 12:00AM	1,047.6	1,029.4	0.607	1,344.47	-83.06	1.846	0.721	90.469	6.312	0.555	0.029	0.046	0.008	0.007	0.008
09/03/2024 12:00AM	1,046.8	1,028.6	0.603	1,347.89	-110.49	1.344	0.834	91.339	5.979	0.417	0.027	0.037	0.009	0.006	0.009
09/04/2024 12:00AM	1,037.8	1,019.7	0.598	1,341.93	-118.43	1.734	0.620	92.030	5.165	0.374	0.021	0.036	0.007	0.006	0.008
09/05/2024 12:00AM	1,036.5	1,018.5	0.599	1,339.60	-112.03	1.954	0.565	91.824	5.199	0.379	0.021	0.037	0.007	0.007	0.008
09/06/2024 12:00AM	1,047.4	1,029.2	0.608	1,343.79	-71.48	2.070	0.606	90.204	6.531	0.482	0.027	0.047	0.012	0.011	0.010
09/07/2024 12:00AM	1,055.0	1,036.6	0.608	1,352.50	-59.21	1.881	0.488	90.011	6.965	0.541	0.030	0.050	0.012	0.011	0.012
09/08/2024 12:00AM	1,055.9	1,037.6	0.606	1,356.31	-59.70	1.829	0.341	90.315	6.899	0.499	0.031	0.051	0.012	0.011	0.012
09/09/2024 12:00AM	1,052.7	1,034.4	0.607	1,351.34	-75.86	1.787	0.541	90.417	6.595	0.534	0.034	0.056	0.013	0.012	0.011
09/10/2024 12:00AM	1,053.3	1,035.0	0.609	1,349.89	-65.25	1.698	0.701	90.153	6.793	0.538	0.031	0.051	0.012	0.011	0.011
09/11/2024 12:00AM	1,048.1	1,029.9	0.605	1,347.25	-72.40	1.730	0.660	90.821	6.178	0.490	0.031	0.054	0.013	0.012	0.012
09/12/2024 12:00AM	1,049.3	1,031.0	0.607	1,346.39	-61.91	1.913	0.625	90.281	6.597	0.476	0.027	0.046	0.012	0.011	0.012
09/13/2024 12:00AM	1,043.7	1,025.5	0.604	1,342.64	-78.01	2.054	0.559	90.810	6.015	0.455	0.027	0.049	0.011	0.010	0.010
09/14/2024 12:00AM	1,052.9	1,034.6	0.607	1,351.74	-71.68	1.865	0.474	90.385	6.589	0.563	0.033	0.058	0.012	0.011	0.011
09/15/2024 12:00AM	1,050.0	1,031.8	0.605	1,350.38	-88.33	1.879	0.450	90.645	6.462	0.461	0.027	0.044	0.011	0.010	0.012
09/16/2024 12:00AM	1,049.1	1,030.8	0.607	1,346.72	-59.78	2.112	0.468	90.389	6.331	0.545	0.037	0.072	0.016	0.016	0.014
09/17/2024 12:00AM	1,048.0	1,029.8	0.606	1,345.91	-56.72	2.252	0.387	90.326	6.376	0.524	0.032	0.061	0.015	0.014	0.013
09/18/2024 12:00AM	1,049.3	1,031.1	0.607	1,347.25	-57.43	2.213	0.379	90.349	6.297	0.630	0.033	0.060	0.013	0.012	0.012
09/19/2024 12:00AM	1,059.4	1,040.9	0.614	1,352.25	-35.40	1.914	0.616	89.817	6.492	0.863	0.067	0.140	0.031	0.031	0.029

Gas Quality Reports
LS235 - On Sedalia 20" at Peculiar
8/9/2024 - 11/9/2024

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%)
09/20/2024 12:00AM	1,062.7	1,044.2	0.615	1,354.78	-21.71	1.943	0.564	89.755	6.364	1.006	0.081	0.174	0.036	0.038	0.040
09/21/2024 12:00AM	1,048.9	1,030.7	0.602	1,352.30	-108.07	2.056	0.191	91.067	6.001	0.596	0.028	0.043	0.007	0.005	0.007
09/22/2024 12:00AM	1,052.0	1,033.7	0.602	1,355.53	-102.88	1.878	0.228	91.068	6.079	0.641	0.033	0.051	0.009	0.007	0.007
09/23/2024 12:00AM	1,065.0	1,046.5	0.620	1,353.11	-19.95	1.996	0.697	89.210	6.561	1.133	0.090	0.195	0.040	0.042	0.035
09/24/2024 12:00AM	1,050.5	1,032.2	0.609	1,345.95	-67.83	1.989	0.638	90.140	6.489	0.590	0.035	0.068	0.016	0.016	0.018
09/25/2024 12:00AM	1,045.0	1,026.8	0.605	1,344.07	-85.92	2.027	0.542	90.708	6.166	0.470	0.023	0.038	0.009	0.008	0.009
09/26/2024 12:00AM	1,051.8	1,033.5	0.609	1,347.69	-48.73	1.943	0.610	90.335	6.250	0.658	0.048	0.093	0.020	0.020	0.023
09/27/2024 12:00AM	1,052.9	1,034.5	0.612	1,346.10	-48.29	1.980	0.712	89.717	6.823	0.607	0.038	0.071	0.017	0.017	0.017
09/28/2024 12:00AM	1,048.6	1,030.3	0.608	1,344.76	-98.21	2.035	0.613	90.098	6.684	0.470	0.025	0.043	0.011	0.010	0.012
09/29/2024 12:00AM	1,064.1	1,045.6	0.618	1,353.04	-40.40	2.121	0.586	89.631	5.973	1.164	0.110	0.256	0.053	0.056	0.050
09/30/2024 12:00AM	1,060.5	1,042.0	0.616	1,351.68	-6.47	2.084	0.569	90.220	5.475	1.128	0.106	0.248	0.053	0.058	0.060
10/01/2024 12:00AM	1,052.8	1,034.5	0.608	1,350.55	-66.32	1.859	0.541	90.251	6.675	0.556	0.030	0.051	0.011	0.010	0.015
10/02/2024 12:00AM	1,048.3	1,030.1	0.606	1,346.31	-88.34	1.940	0.581	90.376	6.548	0.475	0.022	0.033	0.009	0.007	0.009
10/03/2024 12:00AM	1,047.2	1,029.0	0.607	1,344.53	-88.61	2.045	0.576	90.272	6.561	0.473	0.020	0.029	0.008	0.007	0.009
10/04/2024 12:00AM	1,051.7	1,033.4	0.611	1,345.02	-55.13	2.133	0.630	90.248	5.878	0.805	0.066	0.146	0.033	0.033	0.030
10/05/2024 12:00AM	1,048.8	1,030.5	0.609	1,344.34	-55.86	2.104	0.597	90.076	6.568	0.525	0.030	0.055	0.014	0.013	0.018
10/06/2024 12:00AM	1,045.8	1,027.7	0.606	1,343.59	-133.17	2.138	0.523	90.283	6.553	0.450	0.017	0.022	0.006	0.004	0.006
10/07/2024 12:00AM	1,053.1	1,034.8	0.609	1,349.24	-95.94	1.938	0.572	89.782	7.128	0.512	0.020	0.031	0.006	0.005	0.005
10/08/2024 12:00AM	1,052.8	1,034.5	0.609	1,349.52	-104.99	2.193	0.381	89.706	7.087	0.574	0.018	0.027	0.006	0.004	0.005
10/09/2024 12:00AM	1,051.7	1,033.4	0.607	1,349.60	-130.48	1.957	0.495	90.047	6.954	0.499	0.016	0.021	0.005	0.003	0.004
10/10/2024 12:00AM	1,056.6	1,038.2	0.609	1,353.76	-121.11	1.785	0.532	89.791	7.276	0.560	0.019	0.024	0.005	0.003	0.004
10/11/2024 12:00AM	1,061.7	1,043.2	0.613	1,356.43	-63.94	1.784	0.546	89.369	7.493	0.691	0.033	0.055	0.011	0.009	0.008
10/12/2024 12:00AM	1,060.6	1,042.2	0.612	1,355.62	-58.91	1.953	0.447	89.296	7.536	0.659	0.029	0.051	0.010	0.009	0.009
10/13/2024 12:00AM	1,058.2	1,039.8	0.611	1,354.18	-55.23	1.742	0.588	89.818	7.085	0.627	0.036	0.065	0.014	0.013	0.011
10/14/2024 12:00AM	1,060.8	1,042.4	0.613	1,355.25	-44.68	1.778	0.587	89.710	6.945	0.769	0.050	0.099	0.021	0.021	0.020
10/15/2024 12:00AM	1,057.8	1,039.4	0.611	1,353.48	-59.73	1.826	0.559	89.655	7.245	0.603	0.031	0.052	0.011	0.009	0.010
10/16/2024 12:00AM	1,058.5	1,040.1	0.612	1,353.33	-58.18	1.922	0.526	89.521	7.235	0.667	0.035	0.064	0.012	0.010	0.009
10/17/2024 12:00AM	1,058.5	1,040.1	0.612	1,353.33	-58.18	1.922	0.526	89.521	7.235	0.667	0.035	0.064	0.012	0.010	0.009
10/18/2024 12:00AM	1,058.5	1,040.1	0.612	1,353.33	-58.18	1.922	0.526	89.521	7.235	0.667	0.035	0.064	0.012	0.010	0.009
10/19/2024 12:00AM	1,058.5	1,040.1	0.612	1,353.33	-58.18	1.922	0.526	89.521	7.235	0.667	0.035	0.064	0.012	0.010	0.009
10/20/2024 12:00AM	1,058.6	1,040.2	0.612	1,353.38	-57.24	1.946	0.511	89.490	7.253	0.667	0.036	0.065	0.012	0.011	0.010
10/21/2024 12:00AM	1,057.4	1,039.0	0.611	1,352.22	-58.87	1.800	0.633	89.805	6.921	0.670	0.045	0.081	0.017	0.015	0.015
10/22/2024 12:00AM	1,030.2	1,012.3	0.593	1,337.73	-90.94	1.902	0.498	92.981	4.153	0.352	0.026	0.054	0.011	0.011	0.011
10/23/2024 12:00AM	1,029.6	1,011.7	0.592	1,338.27	-84.15	1.871	0.471	93.215	3.957	0.362	0.028	0.060	0.012	0.013	0.012
10/24/2024 12:00AM	1,060.4	1,042.0	0.614	1,353.64	-43.67	2.029	0.501	89.320	7.210	0.737	0.051	0.095	0.021	0.019	0.017
10/25/2024 12:00AM	1,061.7	1,043.2	0.611	1,357.80	-69.21	2.212	0.189	89.134	7.700	0.662	0.028	0.051	0.009	0.008	0.007
10/26/2024 12:00AM	1,067.3	1,048.8	0.619	1,356.95	-39.43	1.434	0.927	88.998	7.558	0.847	0.064	0.110	0.023	0.021	0.018
10/27/2024 12:00AM	1,058.4	1,039.9	0.609	1,355.81	-64.82	1.406	0.724	90.053	7.197	0.534	0.027	0.037	0.008	0.006	0.010
10/28/2024 12:00AM	1,056.0	1,037.6	0.607	1,354.97	-70.17	1.522	0.620	90.314	6.923	0.543	0.024	0.034	0.007	0.005	0.007
10/29/2024 12:00AM	1,052.0	1,033.7	0.606	1,351.79	-121.67	1.509	0.678	90.640	6.618	0.492	0.021	0.026	0.006	0.004	0.006
10/30/2024 12:00AM	1,051.1	1,032.8	0.606	1,350.71	-119.74	1.893	0.456	90.406	6.669	0.513	0.021	0.029	0.006	0.004	0.005
10/31/2024 12:00AM	1,029.4	1,011.5	0.591	1,339.42	-126.76	1.767	0.469	93.447	3.857	0.354	0.025	0.052	0.011	0.011	0.009
11/01/2024 12:00AM	1,053.9	1,035.6	0.608	1,351.90	-61.26	2.071	0.362	90.077	6.756	0.615	0.030	0.056	0.011	0.011	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%)
11/02/2024 12:00AM	1,057.8	1,039.4	0.609	1,355.12	-102.59	1.954	0.384	89.630	7.374	0.597	0.021	0.029	0.005	0.003	0.004
11/03/2024 12:00AM	1,052.4	1,034.1	0.608	1,350.05	-91.72	1.718	0.650	90.239	6.778	0.546	0.024	0.029	0.006	0.004	0.006
11/04/2024 12:00AM	1,037.0	1,018.9	0.594	1,345.18	-132.06	1.813	0.363	92.437	4.995	0.348	0.013	0.021	0.004	0.003	0.004
11/05/2024 12:00AM	1,039.4	1,021.4	0.596	1,346.49	-141.70	2.015	0.238	91.938	5.404	0.370	0.011	0.017	0.002	0.002	0.002
11/06/2024 12:00AM	1,038.3	1,020.3	0.595	1,346.49	-129.12	1.711	0.402	92.456	5.003	0.377	0.015	0.025	0.004	0.004	0.004
11/07/2024 12:00AM	1,067.1	1,048.5	0.615	1,361.06	-62.51	1.719	0.502	88.918	8.017	0.749	0.032	0.046	0.007	0.005	0.004
11/08/2024 12:00AM	1,064.1	1,045.6	0.614	1,358.31	-65.11	1.757	0.535	89.100	7.796	0.724	0.030	0.043	0.007	0.004	0.004

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 = 68421;