

Gas Quality Reports

LS235 - On Sedalia 20" at Peculiar
2/7/2025 - 5/7/2025

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%)
02/06/2025 12:00AM	1,051.0	1,032.8	0.605	1,351.36	-114.25	2.369	0.105	90.202	6.654	0.612	0.019	0.029	0.004	0.003	0.004
02/07/2025 12:00AM	1,033.9	1,015.9	0.593	1,342.25	-123.21	1.857	0.399	92.754	4.559	0.349	0.021	0.038	0.008	0.008	0.009
02/08/2025 12:00AM	1,055.0	1,036.6	0.608	1,353.44	-59.50	1.821	0.473	90.319	6.602	0.653	0.037	0.062	0.012	0.010	0.010
02/09/2025 12:00AM	1,041.9	1,023.8	0.598	1,346.90	-98.85	1.874	0.385	91.814	5.393	0.442	0.024	0.041	0.009	0.008	0.010
02/10/2025 12:00AM	1,029.6	1,011.7	0.590	1,340.59	-148.37	1.729	0.439	93.293	4.297	0.192	0.010	0.021	0.005	0.005	0.009
02/11/2025 12:00AM	1,030.0	1,012.1	0.590	1,340.74	-147.93	1.752	0.428	93.220	4.350	0.197	0.011	0.022	0.005	0.006	0.009
02/12/2025 12:00AM	1,030.3	1,012.4	0.591	1,340.67	-147.62	1.797	0.410	93.129	4.411	0.201	0.011	0.023	0.005	0.005	0.008
02/13/2025 12:00AM	1,030.4	1,012.5	0.591	1,340.19	-146.97	1.853	0.404	93.026	4.443	0.214	0.013	0.026	0.006	0.006	0.009
02/14/2025 12:00AM	1,038.3	1,020.3	0.596	1,345.01	-110.64	1.896	0.361	92.226	5.038	0.395	0.021	0.038	0.008	0.007	0.011
02/15/2025 12:00AM	1,053.0	1,034.7	0.603	1,355.59	-62.79	1.723	0.357	91.037	6.120	0.645	0.035	0.055	0.010	0.008	0.010
02/16/2025 12:00AM	1,056.3	1,037.9	0.611	1,351.51	-53.79	1.754	0.666	89.985	6.720	0.722	0.044	0.071	0.014	0.011	0.012
02/17/2025 12:00AM	1,038.7	1,020.7	0.597	1,344.05	-120.29	1.793	0.496	92.033	5.245	0.363	0.018	0.031	0.007	0.006	0.009
02/18/2025 12:00AM	1,031.9	1,014.0	0.593	1,340.39	-145.36	1.877	0.425	92.775	4.604	0.253	0.015	0.030	0.007	0.007	0.008
02/19/2025 12:00AM	1,051.1	1,032.8	0.604	1,352.11	-82.67	1.655	0.533	90.954	6.163	0.590	0.031	0.049	0.008	0.007	0.009
02/20/2025 12:00AM	1,060.9	1,042.4	0.609	1,359.73	-59.56	1.434	0.567	90.246	6.932	0.707	0.036	0.054	0.009	0.007	0.010
02/21/2025 12:00AM	1,069.7	1,051.1	0.615	1,363.98	-56.05	1.257	0.728	89.129	8.068	0.704	0.036	0.054	0.008	0.006	0.010
02/22/2025 12:00AM	1,053.8	1,035.5	0.612	1,346.67	-51.14	1.982	0.711	89.685	6.765	0.673	0.048	0.090	0.017	0.016	0.013
02/23/2025 12:00AM	1,042.5	1,024.4	0.613	1,331.79	-34.41	2.718	0.696	89.655	6.055	0.590	0.062	0.138	0.029	0.031	0.026
02/24/2025 12:00AM	1,050.5	1,032.2	0.613	1,342.36	-31.59	2.251	0.672	89.708	6.539	0.565	0.056	0.121	0.027	0.029	0.033
02/25/2025 12:00AM	1,054.7	1,036.3	0.606	1,355.27	-80.51	1.276	0.722	90.827	6.597	0.476	0.027	0.042	0.009	0.008	0.015
02/26/2025 12:00AM	1,052.4	1,034.1	0.604	1,353.75	-131.85	1.349	0.686	90.908	6.550	0.443	0.021	0.029	0.005	0.003	0.006
02/27/2025 12:00AM	1,051.5	1,033.2	0.605	1,352.30	-80.86	1.579	0.586	90.863	6.371	0.498	0.028	0.049	0.010	0.008	0.009
02/28/2025 12:00AM	1,055.3	1,036.9	0.606	1,355.23	-62.53	1.710	0.458	90.473	6.668	0.571	0.034	0.057	0.011	0.009	0.009
03/01/2025 12:00AM	1,058.9	1,040.4	0.610	1,355.25	-58.79	1.630	0.624	89.823	7.222	0.577	0.037	0.057	0.012	0.009	0.010
03/02/2025 12:00AM	1,051.4	1,033.1	0.603	1,354.30	-80.84	1.724	0.376	91.033	6.262	0.500	0.030	0.048	0.010	0.008	0.009
03/03/2025 12:00AM	1,045.8	1,027.6	0.597	1,353.06	-127.96	1.731	0.265	91.886	5.601	0.435	0.025	0.037	0.008	0.006	0.008
03/04/2025 12:00AM	1,041.3	1,023.2	0.594	1,351.02	-134.77	1.735	0.234	92.435	5.159	0.366	0.021	0.031	0.007	0.005	0.006
03/05/2025 12:00AM	1,027.0	1,009.1	0.588	1,339.76	-150.38	1.704	0.417	93.789	3.814	0.213	0.013	0.026	0.006	0.007	0.010
03/06/2025 12:00AM	1,039.3	1,021.3	0.596	1,346.44	-102.23	1.732	0.422	92.293	5.123	0.341	0.022	0.039	0.009	0.008	0.011
03/07/2025 12:00AM	1,045.7	1,027.6	0.597	1,353.47	-82.50	1.454	0.423	92.239	5.354	0.412	0.033	0.051	0.013	0.010	0.012
03/08/2025 12:00AM	1,033.0	1,015.1	0.593	1,341.35	-117.58	1.817	0.446	92.847	4.481	0.317	0.023	0.040	0.009	0.008	0.012
03/09/2025 12:00AM	1,039.3	1,021.3	0.598	1,343.97	-85.29	2.010	0.376	91.881	5.189	0.442	0.027	0.046	0.010	0.009	0.012
03/10/2025 12:00AM	1,045.2	1,027.0	0.600	1,348.93	-80.44	1.783	0.436	91.531	5.694	0.451	0.028	0.044	0.011	0.009	0.013
03/11/2025 12:00AM	1,050.9	1,032.7	0.603	1,353.17	-55.41	1.561	0.531	91.202	6.059	0.515	0.037	0.055	0.014	0.011	0.016
03/12/2025 12:00AM	1,045.5	1,027.3	0.602	1,347.10	-94.19	2.185	0.285	90.859	6.112	0.484	0.021	0.032	0.007	0.005	0.009
03/13/2025 12:00AM	1,045.6	1,027.4	0.604	1,345.07	-125.76	2.340	0.298	90.424	6.383	0.492	0.018	0.031	0.005	0.004	0.004
03/14/2025 12:00AM	1,046.1	1,027.9	0.602	1,347.78	-134.46	2.115	0.314	90.794	6.264	0.453	0.018	0.028	0.005	0.004	0.004
03/15/2025 12:00AM	1,051.6	1,033.4	0.605	1,351.50	-113.13	1.916	0.415	90.409	6.664	0.519	0.024	0.037	0.007	0.005	0.004
03/16/2025 12:00AM	1,037.4	1,019.4	0.593	1,347.54	-143.78	1.679	0.337	92.757	4.846	0.324	0.017	0.025	0.005	0.004	0.006
03/17/2025 12:00AM	1,056.1	1,037.8	0.604	1,359.27	-72.96	1.473	0.417	90.967	6.483	0.550	0.032	0.050	0.011	0.009	0.009
03/18/2025 12:00AM	1,054.5	1,036.2	0.602	1,358.60	-65.88	1.339	0.492	91.285	6.242	0.535	0.031	0.048	0.010	0.008	0.010
03/19/2025 12:00AM	1,051.8	1,033.5	0.606	1,350.89	-82.86	1.928	0.444	90.393	6.563	0.578	0.028	0.045	0.008	0.006	0.006
03/20/2025 12:00AM	1,052.7	1,034.3	0.605	1,352.91	-58.85	1.532	0.620	90.870	6.302	0.533	0.039	0.065	0.014	0.013	0.011

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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%)
03/21/2025 12:00AM	1,054.2	1,035.9	0.607	1,352.64	-64.79	1.623	0.624	90.397	6.675	0.577	0.031	0.047	0.009	0.008	0.009
03/22/2025 12:00AM	1,062.2	1,043.7	0.611	1,358.41	-58.80	1.427	0.686	89.817	7.263	0.678	0.038	0.063	0.011	0.009	0.008
03/23/2025 12:00AM	1,049.6	1,031.3	0.623	1,329.69	-32.20	3.412	0.622	87.691	7.040	0.907	0.075	0.161	0.032	0.034	0.025
03/24/2025 12:00AM	1,060.7	1,042.2	0.611	1,356.61	-52.62	1.642	0.597	89.753	7.193	0.678	0.037	0.064	0.012	0.011	0.014
03/25/2025 12:00AM	1,061.4	1,043.0	0.613	1,355.83	-59.40	1.745	0.598	89.377	7.465	0.698	0.034	0.057	0.010	0.009	0.008
03/26/2025 12:00AM	1,060.2	1,041.7	0.611	1,355.92	-57.99	1.669	0.602	89.727	7.185	0.688	0.038	0.062	0.011	0.010	0.009
03/27/2025 12:00AM	1,061.2	1,042.7	0.612	1,356.47	-55.17	1.662	0.607	89.654	7.228	0.704	0.040	0.071	0.013	0.012	0.010
03/28/2025 12:00AM	1,061.6	1,043.2	0.613	1,355.77	-49.49	1.668	0.656	89.624	7.104	0.756	0.050	0.094	0.018	0.017	0.012
03/29/2025 12:00AM	1,060.0	1,041.6	0.610	1,356.73	-52.19	1.656	0.560	89.950	6.984	0.691	0.041	0.074	0.015	0.014	0.013
03/30/2025 12:00AM	1,059.7	1,041.2	0.611	1,355.92	-58.04	1.550	0.664	89.897	7.110	0.643	0.037	0.066	0.013	0.011	0.009
03/31/2025 12:00AM	1,037.4	1,019.3	0.597	1,342.40	-115.11	1.692	0.606	92.286	4.913	0.408	0.025	0.045	0.009	0.008	0.008
04/01/2025 12:00AM	1,060.1	1,041.7	0.609	1,358.17	-54.61	1.416	0.641	90.227	6.936	0.633	0.040	0.068	0.014	0.013	0.012
04/02/2025 12:00AM	1,052.2	1,033.9	0.605	1,353.23	-74.34	1.541	0.581	90.976	6.217	0.562	0.034	0.058	0.011	0.010	0.011
04/03/2025 12:00AM	1,055.6	1,037.2	0.607	1,355.00	-60.03	1.538	0.591	90.728	6.293	0.689	0.044	0.080	0.014	0.013	0.010
04/04/2025 12:00AM	1,040.5	1,022.4	0.598	1,345.95	-98.35	1.663	0.528	92.219	5.029	0.443	0.029	0.055	0.011	0.011	0.012
04/05/2025 12:00AM	1,060.9	1,042.5	0.610	1,357.92	-58.73	1.504	0.623	89.905	7.202	0.641	0.035	0.059	0.011	0.010	0.009
04/06/2025 12:00AM	1,038.8	1,020.7	0.631	1,308.50	-24.82	4.706	0.641	86.451	6.676	1.109	0.095	0.210	0.042	0.044	0.028
04/07/2025 12:00AM	1,039.3	1,021.2	0.641	1,298.53	-5.75	5.514	0.705	84.859	7.095	1.280	0.117	0.266	0.055	0.060	0.049
04/08/2025 12:00AM	1,059.7	1,041.3	0.615	1,351.79	-39.12	1.673	0.816	89.449	7.155	0.743	0.039	0.069	0.014	0.014	0.027
04/09/2025 12:00AM	1,059.3	1,040.9	0.612	1,353.75	-52.25	1.660	0.701	89.725	7.035	0.731	0.041	0.072	0.013	0.012	0.012
04/10/2025 12:00AM	1,057.7	1,039.3	0.611	1,352.81	-59.95	1.790	0.617	89.693	7.113	0.670	0.033	0.057	0.010	0.008	0.009
04/11/2025 12:00AM	1,051.1	1,032.9	0.604	1,352.30	-129.65	1.589	0.568	90.784	6.536	0.464	0.019	0.026	0.005	0.003	0.005
04/12/2025 12:00AM	1,058.2	1,039.8	0.609	1,355.63	-103.55	1.696	0.540	89.765	7.393	0.545	0.021	0.029	0.005	0.003	0.004
04/13/2025 12:00AM	1,057.7	1,039.3	0.611	1,353.60	-95.90	1.907	0.498	89.544	7.345	0.637	0.024	0.035	0.005	0.003	0.004
04/14/2025 12:00AM	1,065.9	1,047.4	0.617	1,356.94	-64.09	1.691	0.715	88.553	8.275	0.678	0.029	0.045	0.006	0.005	0.004
04/15/2025 12:00AM	1,065.9	1,047.3	0.616	1,358.30	-60.59	1.574	0.715	88.852	8.095	0.660	0.032	0.051	0.008	0.007	0.006
04/16/2025 12:00AM	1,063.3	1,044.8	0.614	1,356.97	-59.73	1.549	0.724	89.216	7.775	0.623	0.034	0.054	0.010	0.009	0.008
04/17/2025 12:00AM	1,064.1	1,045.6	0.614	1,358.27	-60.28	1.360	0.802	89.298	7.865	0.570	0.031	0.048	0.010	0.008	0.009
04/18/2025 12:00AM	1,063.8	1,045.3	0.616	1,354.98	-67.16	1.792	0.692	88.696	8.025	0.696	0.031	0.050	0.008	0.006	0.006
04/19/2025 12:00AM	1,056.8	1,038.5	0.613	1,349.73	-60.40	2.139	0.533	89.223	7.281	0.696	0.035	0.064	0.011	0.010	0.007
04/20/2025 12:00AM	1,059.9	1,041.5	0.613	1,353.21	-56.77	1.920	0.580	89.317	7.283	0.762	0.038	0.070	0.011	0.010	0.008
04/21/2025 12:00AM	1,058.8	1,040.4	0.614	1,351.55	-57.32	1.967	0.607	89.303	7.207	0.772	0.040	0.074	0.011	0.010	0.007
04/22/2025 12:00AM	1,059.1	1,040.7	0.613	1,352.47	-53.40	1.845	0.645	89.470	7.150	0.729	0.042	0.081	0.014	0.014	0.010
04/23/2025 12:00AM	1,061.1	1,042.7	0.614	1,354.75	-51.74	1.745	0.649	89.388	7.372	0.688	0.041	0.077	0.014	0.014	0.012
04/24/2025 12:00AM	1,065.6	1,047.1	0.616	1,357.53	-50.53	1.610	0.724	89.036	7.696	0.773	0.043	0.080	0.014	0.013	0.011
04/25/2025 12:00AM	1,070.2	1,051.6	0.618	1,361.60	-60.48	1.510	0.709	88.560	8.343	0.776	0.033	0.053	0.006	0.005	0.005
04/26/2025 12:00AM	1,075.2	1,056.5	0.622	1,363.23	-58.02	1.520	0.774	87.830	8.884	0.892	0.035	0.054	0.005	0.004	0.002
04/27/2025 12:00AM	1,064.6	1,046.1	0.615	1,357.09	-67.81	1.777	0.610	88.774	8.040	0.722	0.027	0.040	0.004	0.003	0.002
04/28/2025 12:00AM	1,061.9	1,043.4	0.613	1,356.32	-80.61	1.666	0.637	89.221	7.787	0.621	0.024	0.035	0.004	0.003	0.003
04/29/2025 12:00AM	1,062.6	1,044.1	0.613	1,357.08	-75.15	1.474	0.743	89.290	7.846	0.578	0.025	0.033	0.005	0.003	0.004
04/30/2025 12:00AM	1,063.8	1,045.3	0.614	1,357.51	-69.27	1.464	0.766	89.133	7.956	0.607	0.025	0.036	0.005	0.003	0.004
05/01/2025 12:00AM	1,076.7	1,058.0	0.622	1,365.19	-56.45	1.019	1.039	88.151	8.859	0.813	0.040	0.062	0.007	0.005	0.004
05/02/2025 12:00AM	1,082.0	1,063.2	0.628	1,365.88	-53.80	0.985	1.194	87.365	9.350	0.975	0.046	0.070	0.007	0.005	0.004

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%)
05/03/2025 12:00AM	1,088.6	1,069.6	0.629	1,372.66	-46.87	1.057	0.973	86.985	9.782	1.048	0.051	0.083	0.010	0.008	0.005
05/04/2025 12:00AM	1,087.4	1,068.5	0.628	1,371.81	-47.50	1.045	0.991	87.092	9.698	1.021	0.050	0.081	0.009	0.008	0.005
05/05/2025 12:00AM	1,065.1	1,046.6	0.637	1,335.54	-40.79	3.418	0.816	85.368	8.896	1.210	0.080	0.162	0.022	0.020	0.008
05/06/2025 12:00AM	1,060.9	1,042.5	0.643	1,322.90	0.00	4.700	0.545	84.885	7.647	1.525	0.144	0.353	0.073	0.082	0.048

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;