

Gas Quality Reports

From Southeastern KS Pipe

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1/30/2025 - 4/30/2025

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%)
01/29/2025 12:00AM	977.1	960.1	0.579	1,284.38	-199.97	3.090	0.922	95.720	0.162	0.062	0.011	0.015	0.004	0.003	0.012
01/30/2025 12:00AM	976.8	959.8	0.579	1,284.04	-199.97	3.113	0.918	95.702	0.161	0.061	0.011	0.015	0.004	0.003	0.012
01/31/2025 12:00AM	976.8	959.8	0.579	1,283.93	-199.97	3.119	0.919	95.695	0.161	0.062	0.011	0.015	0.004	0.003	0.012
02/01/2025 12:00AM	976.9	959.9	0.579	1,284.04	-199.97	3.117	0.917	95.696	0.163	0.062	0.011	0.015	0.004	0.003	0.012
02/02/2025 12:00AM	976.9	959.9	0.579	1,284.07	-199.97	3.114	0.918	95.697	0.164	0.062	0.011	0.015	0.004	0.003	0.012
02/03/2025 12:00AM	977.0	960.0	0.579	1,284.28	-199.97	3.101	0.918	95.714	0.162	0.061	0.011	0.015	0.004	0.003	0.012
02/04/2025 12:00AM	977.1	960.1	0.579	1,284.48	-199.97	3.092	0.917	95.722	0.163	0.061	0.011	0.015	0.004	0.003	0.012
02/05/2025 12:00AM	977.1	960.1	0.579	1,284.57	-199.97	3.089	0.915	95.727	0.164	0.060	0.011	0.015	0.004	0.003	0.012
02/06/2025 12:00AM	977.2	960.2	0.579	1,284.70	-199.97	3.085	0.913	95.735	0.163	0.060	0.011	0.015	0.004	0.003	0.013
02/07/2025 12:00AM	977.2	960.2	0.579	1,284.79	-199.97	3.084	0.910	95.737	0.165	0.058	0.011	0.015	0.004	0.003	0.013
02/08/2025 12:00AM	977.3	960.3	0.579	1,284.87	-199.97	3.077	0.912	95.743	0.165	0.058	0.010	0.015	0.004	0.003	0.013
02/09/2025 12:00AM	977.5	960.5	0.578	1,285.23	-199.97	3.066	0.905	95.758	0.167	0.058	0.010	0.015	0.004	0.003	0.014
02/10/2025 12:00AM	977.5	960.5	0.578	1,285.35	-199.97	3.056	0.906	95.772	0.165	0.056	0.010	0.014	0.004	0.003	0.014
02/11/2025 12:00AM	977.4	960.4	0.578	1,285.18	-199.97	3.059	0.911	95.764	0.166	0.056	0.010	0.014	0.004	0.003	0.013
02/12/2025 12:00AM	977.7	960.7	0.578	1,285.62	-199.97	3.050	0.901	95.782	0.165	0.057	0.010	0.015	0.004	0.003	0.013
02/13/2025 12:00AM	977.7	960.7	0.578	1,285.63	-199.97	3.058	0.895	95.779	0.163	0.058	0.010	0.015	0.005	0.004	0.014
02/14/2025 12:00AM	977.8	960.8	0.578	1,285.78	-199.97	3.037	0.905	95.787	0.165	0.059	0.010	0.015	0.004	0.003	0.014
02/15/2025 12:00AM	977.9	960.9	0.578	1,285.92	-199.97	3.031	0.904	95.790	0.166	0.060	0.011	0.016	0.004	0.003	0.013
02/16/2025 12:00AM	977.6	960.6	0.578	1,285.34	-199.97	3.063	0.906	95.756	0.168	0.060	0.011	0.015	0.004	0.003	0.014
02/17/2025 12:00AM	978.2	961.2	0.578	1,286.40	-199.97	3.007	0.903	95.815	0.169	0.060	0.011	0.015	0.004	0.003	0.013
02/18/2025 12:00AM	983.1	966.0	0.578	1,292.60	-197.86	2.740	0.900	95.837	0.390	0.078	0.013	0.019	0.006	0.004	0.014
02/19/2025 12:00AM	1,001.7	984.3	0.583	1,311.52	-168.29	2.362	0.718	94.779	1.942	0.145	0.013	0.019	0.005	0.005	0.013
02/20/2025 12:00AM	1,001.0	983.6	0.584	1,310.45	-67.81	2.388	0.737	94.820	1.840	0.144	0.014	0.021	0.007	0.006	0.023
02/21/2025 12:00AM	1,011.7	994.1	0.588	1,319.58	-25.23	2.239	0.676	94.305	2.443	0.179	0.017	0.028	0.010	0.011	0.092
02/22/2025 12:00AM	1,028.2	1,010.3	0.589	1,339.33	-69.82	1.770	0.434	93.498	3.986	0.242	0.013	0.028	0.007	0.007	0.017
02/23/2025 12:00AM	1,028.0	1,010.1	0.589	1,339.22	-69.42	1.771	0.433	93.527	3.957	0.241	0.013	0.028	0.007	0.007	0.017
02/24/2025 12:00AM	988.3	971.1	0.581	1,296.98	-145.57	2.848	0.756	95.277	0.984	0.079	0.008	0.013	0.004	0.004	0.028
02/25/2025 12:00AM	976.8	959.8	0.577	1,286.26	-199.97	3.000	0.869	95.965	0.130	0.020	0.003	0.004	0.001	0	0.007
02/26/2025 12:00AM	976.8	959.8	0.578	1,285.10	-199.97	2.958	0.962	95.878	0.148	0.031	0.006	0.007	0.002	0.001	0.008
02/27/2025 12:00AM	976.6	959.7	0.579	1,283.55	-199.97	3.042	0.987	95.713	0.166	0.053	0.009	0.013	0.004	0.003	0.011
02/28/2025 12:00AM	976.9	959.9	0.579	1,283.61	-199.97	3.079	0.966	95.670	0.177	0.061	0.011	0.016	0.005	0.004	0.012
03/01/2025 12:00AM	976.1	959.2	0.579	1,282.57	-199.97	3.179	0.934	95.605	0.174	0.060	0.011	0.015	0.005	0.003	0.012
03/02/2025 12:00AM	975.2	958.3	0.580	1,280.86	-199.97	3.259	0.946	95.515	0.171	0.061	0.012	0.016	0.005	0.003	0.013
03/03/2025 12:00AM	976.3	959.3	0.579	1,283.11	-199.97	3.155	0.926	95.649	0.168	0.057	0.011	0.015	0.004	0.003	0.012
03/04/2025 12:00AM	976.8	959.8	0.579	1,284.22	-199.97	3.102	0.915	95.723	0.164	0.053	0.010	0.013	0.004	0.003	0.011
03/05/2025 12:00AM	977.1	960.1	0.578	1,284.75	-199.97	3.085	0.907	95.747	0.166	0.054	0.010	0.014	0.004	0.003	0.012
03/06/2025 12:00AM	977.0	960.0	0.578	1,284.66	-199.97	3.098	0.900	95.742	0.166	0.052	0.010	0.013	0.004	0.003	0.012
03/07/2025 12:00AM	977.0	960.0	0.578	1,284.75	-199.97	3.096	0.896	95.752	0.163	0.050	0.010	0.013	0.004	0.003	0.012
03/08/2025 12:00AM	977.3	960.3	0.578	1,285.29	-199.97	3.088	0.881	95.775	0.162	0.050	0.010	0.014	0.004	0.003	0.012
03/09/2025 12:00AM	977.2	960.2	0.578	1,285.21	-199.97	3.106	0.872	95.764	0.164	0.051	0.010	0.014	0.004	0.003	0.012
03/10/2025 12:00AM	976.9	959.9	0.578	1,285.25	-199.97	3.093	0.868	95.808	0.156	0.041	0.008	0.010	0.003	0.002	0.011
03/11/2025 12:00AM	977.1	960.1	0.578	1,285.02	-199.97	3.124	0.865	95.754	0.163	0.052	0.010	0.014	0.004	0.003	0.011
03/12/2025 12:00AM	977.0	960.0	0.578	1,284.76	-199.97	3.103	0.893	95.746	0.161	0.053	0.010	0.014	0.004	0.003	0.011

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1/30/2025 - 4/30/2025

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%)
03/13/2025 12:00AM	977.0	960.0	0.578	1,284.67	-199.97	3.084	0.909	95.750	0.162	0.052	0.010	0.014	0.004	0.003	0.011
03/14/2025 12:00AM	977.4	960.4	0.578	1,285.20	-199.97	3.075	0.899	95.755	0.169	0.057	0.010	0.015	0.004	0.003	0.012
03/15/2025 12:00AM	977.8	960.8	0.578	1,285.86	-199.97	3.038	0.899	95.790	0.171	0.057	0.011	0.015	0.004	0.003	0.011
03/16/2025 12:00AM	977.7	960.7	0.578	1,285.68	-199.97	3.041	0.903	95.785	0.169	0.057	0.010	0.015	0.004	0.003	0.011
03/17/2025 12:00AM	977.7	960.7	0.578	1,286.01	-199.97	3.022	0.900	95.817	0.166	0.054	0.009	0.013	0.004	0.003	0.011
03/18/2025 12:00AM	977.7	960.7	0.578	1,285.70	-199.97	3.049	0.899	95.778	0.171	0.059	0.010	0.015	0.004	0.004	0.012
03/19/2025 12:00AM	977.8	960.8	0.578	1,285.86	-199.97	3.036	0.900	95.796	0.167	0.056	0.010	0.015	0.004	0.003	0.012
03/20/2025 12:00AM	977.9	960.9	0.578	1,286.16	-199.97	3.026	0.893	95.815	0.168	0.054	0.010	0.014	0.004	0.003	0.012
03/21/2025 12:00AM	977.9	960.9	0.578	1,286.16	-199.97	3.029	0.891	95.813	0.169	0.054	0.010	0.014	0.004	0.003	0.012
03/22/2025 12:00AM	978.0	961.0	0.578	1,286.32	-199.97	3.021	0.893	95.813	0.170	0.058	0.010	0.015	0.004	0.003	0.012
03/23/2025 12:00AM	977.9	960.9	0.578	1,286.16	-199.97	3.029	0.894	95.804	0.170	0.058	0.010	0.015	0.004	0.003	0.011
03/24/2025 12:00AM	977.9	960.9	0.578	1,286.08	-199.97	3.027	0.898	95.803	0.170	0.058	0.010	0.015	0.004	0.003	0.011
03/25/2025 12:00AM	977.8	960.8	0.578	1,286.04	-199.97	3.026	0.899	95.807	0.167	0.057	0.010	0.015	0.004	0.003	0.011
03/26/2025 12:00AM	977.9	960.8	0.578	1,286.06	-199.97	3.024	0.900	95.809	0.167	0.057	0.010	0.015	0.004	0.003	0.011
03/27/2025 12:00AM	977.9	960.9	0.578	1,286.15	-199.97	3.016	0.903	95.812	0.168	0.057	0.010	0.015	0.004	0.003	0.011
03/28/2025 12:00AM	978.0	961.0	0.578	1,286.13	-199.97	3.015	0.906	95.808	0.168	0.059	0.010	0.015	0.004	0.004	0.012
03/29/2025 12:00AM	978.0	961.0	0.578	1,286.16	-199.97	3.008	0.908	95.817	0.163	0.058	0.010	0.015	0.004	0.004	0.012
03/30/2025 12:00AM	978.0	961.0	0.578	1,286.19	-199.97	3.004	0.911	95.817	0.165	0.058	0.010	0.016	0.004	0.004	0.012
03/31/2025 12:00AM	978.0	961.0	0.578	1,286.16	-199.97	3.008	0.910	95.812	0.166	0.058	0.011	0.016	0.004	0.004	0.012
04/01/2025 12:00AM	978.0	961.0	0.578	1,286.06	-199.97	3.015	0.909	95.805	0.167	0.057	0.010	0.016	0.005	0.004	0.012
04/02/2025 12:00AM	977.8	960.8	0.578	1,285.88	-199.97	3.025	0.907	95.801	0.165	0.057	0.010	0.015	0.004	0.004	0.012
04/03/2025 12:00AM	977.8	960.8	0.578	1,285.90	-199.97	3.019	0.911	95.803	0.165	0.057	0.010	0.015	0.004	0.004	0.012
04/04/2025 12:00AM	977.9	960.9	0.578	1,286.01	-199.97	3.007	0.917	95.809	0.164	0.057	0.011	0.016	0.005	0.004	0.012
04/05/2025 12:00AM	977.8	960.8	0.578	1,285.86	-199.97	3.018	0.914	95.802	0.164	0.057	0.010	0.016	0.004	0.004	0.012
04/06/2025 12:00AM	977.8	960.8	0.578	1,285.88	-199.97	3.009	0.918	95.811	0.162	0.056	0.010	0.015	0.004	0.003	0.011
04/07/2025 12:00AM	977.9	960.9	0.578	1,285.93	-199.97	3.006	0.919	95.809	0.165	0.057	0.010	0.015	0.004	0.004	0.011
04/08/2025 12:00AM	977.8	960.8	0.578	1,285.87	-199.97	3.002	0.922	95.815	0.162	0.054	0.010	0.015	0.004	0.003	0.011
04/09/2025 12:00AM	977.8	960.8	0.578	1,286.06	-199.97	2.985	0.924	95.841	0.156	0.053	0.009	0.014	0.004	0.003	0.011
04/10/2025 12:00AM	977.6	960.6	0.578	1,285.64	-199.97	3.019	0.918	95.808	0.158	0.054	0.010	0.014	0.004	0.004	0.011
04/11/2025 12:00AM	977.7	960.7	0.578	1,285.79	-199.97	3.012	0.917	95.814	0.157	0.055	0.010	0.015	0.004	0.004	0.011
04/12/2025 12:00AM	977.7	960.7	0.578	1,285.72	-199.97	3.021	0.914	95.810	0.155	0.056	0.010	0.015	0.004	0.004	0.011
04/13/2025 12:00AM	977.7	960.7	0.578	1,285.85	-199.97	3.011	0.916	95.819	0.157	0.055	0.010	0.015	0.004	0.004	0.011
04/14/2025 12:00AM	977.8	960.8	0.578	1,285.91	-199.97	3.006	0.917	95.822	0.155	0.055	0.010	0.015	0.004	0.004	0.012
04/15/2025 12:00AM	977.7	960.7	0.578	1,285.78	-199.97	3.010	0.919	95.818	0.153	0.056	0.010	0.015	0.004	0.003	0.011
04/16/2025 12:00AM	977.7	960.7	0.578	1,285.77	-199.97	3.011	0.918	95.821	0.152	0.055	0.010	0.015	0.004	0.003	0.011
04/17/2025 12:00AM	977.8	960.8	0.578	1,285.89	-199.97	3.012	0.914	95.815	0.159	0.055	0.010	0.015	0.004	0.004	0.012
04/18/2025 12:00AM	977.8	960.8	0.578	1,285.99	-199.97	3.012	0.909	95.825	0.157	0.053	0.010	0.015	0.004	0.004	0.012
04/19/2025 12:00AM	977.7	960.7	0.578	1,285.89	-199.97	3.016	0.909	95.825	0.154	0.052	0.010	0.014	0.004	0.003	0.012
04/20/2025 12:00AM	977.6	960.6	0.578	1,285.84	-199.97	3.020	0.906	95.828	0.153	0.050	0.009	0.014	0.004	0.003	0.012
04/21/2025 12:00AM	977.6	960.6	0.578	1,285.85	-199.97	3.017	0.906	95.839	0.149	0.048	0.009	0.013	0.004	0.003	0.012
04/22/2025 12:00AM	977.4	960.4	0.578	1,285.89	-199.97	3.003	0.907	95.870	0.144	0.041	0.008	0.011	0.003	0.002	0.012
04/23/2025 12:00AM	977.9	960.9	0.578	1,286.31	-199.97	3.003	0.901	95.845	0.159	0.050	0.009	0.013	0.004	0.003	0.013
04/24/2025 12:00AM	977.9	960.9	0.578	1,286.44	-199.97	2.992	0.902	95.862	0.153	0.049	0.009	0.013	0.004	0.003	0.013

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%)
04/25/2025 12:00AM	978.1	961.1	0.578	1,286.73	-199.97	2.976	0.903	95.875	0.152	0.051	0.009	0.013	0.004	0.003	0.013
04/26/2025 12:00AM	978.3	961.3	0.578	1,286.90	-199.97	2.965	0.907	95.872	0.158	0.054	0.010	0.014	0.004	0.003	0.013
04/27/2025 12:00AM	978.4	961.4	0.578	1,286.99	-199.97	2.961	0.908	95.864	0.168	0.055	0.009	0.014	0.004	0.003	0.013
04/28/2025 12:00AM	978.5	961.5	0.578	1,287.03	-199.97	2.959	0.909	95.868	0.162	0.056	0.010	0.015	0.004	0.004	0.014
04/29/2025 12:00AM	978.5	961.5	0.578	1,287.13	-199.97	2.971	0.897	95.867	0.160	0.058	0.010	0.015	0.004	0.004	0.014

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 = 68701;