

Gas Quality Reports

From Southeastern KS Pipe

3/20/2025 - 6/20/2025

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%)
03/19/2025 12:00AM	977.9	960.9	0.578	1,286.09	-199.97	3.024	0.899	95.809	0.166	0.056	0.010	0.015	0.004	0.004	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
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	978.6	961.5	0.578	1,287.16	-199.97	2.970	0.897	95.864	0.164	0.058	0.010	0.015	0.004	0.004	0.014
04/30/2025 12:00AM	978.5	961.5	0.578	1,287.00	-199.97	2.947	0.920	95.869	0.162	0.056	0.010	0.014	0.004	0.004	0.014

Gas Quality Reports

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3/20/2025 - 6/20/2025

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%)
05/01/2025 12:00AM	978.4	961.4	0.578	1,286.79	-199.97	2.950	0.926	95.864	0.159	0.056	0.010	0.014	0.004	0.004	0.015
05/02/2025 12:00AM	978.7	961.7	0.578	1,287.02	-199.97	2.953	0.920	95.854	0.161	0.061	0.011	0.016	0.005	0.004	0.016
05/03/2025 12:00AM	978.3	961.3	0.578	1,286.65	-199.97	2.964	0.921	95.859	0.154	0.055	0.010	0.015	0.004	0.004	0.015
05/04/2025 12:00AM	978.1	961.1	0.578	1,286.44	-199.97	2.975	0.920	95.849	0.157	0.053	0.010	0.014	0.004	0.004	0.014
05/05/2025 12:00AM	978.0	961.0	0.578	1,286.43	-199.97	2.968	0.920	95.870	0.153	0.048	0.009	0.013	0.004	0.003	0.014
05/06/2025 12:00AM	978.0	960.9	0.578	1,286.47	-199.97	2.961	0.921	95.881	0.150	0.046	0.008	0.012	0.004	0.003	0.014
05/07/2025 12:00AM	978.3	961.3	0.578	1,286.72	-199.97	2.965	0.917	95.859	0.158	0.054	0.010	0.014	0.004	0.004	0.015
05/08/2025 12:00AM	978.5	961.5	0.578	1,286.85	-199.97	2.961	0.918	95.853	0.160	0.059	0.011	0.016	0.005	0.004	0.015
05/09/2025 12:00AM	978.5	961.5	0.578	1,286.82	-199.97	2.961	0.920	95.851	0.160	0.059	0.011	0.016	0.005	0.004	0.015
05/10/2025 12:00AM	978.6	961.6	0.578	1,286.91	-199.97	2.958	0.921	95.840	0.173	0.060	0.010	0.016	0.004	0.004	0.015
05/11/2025 12:00AM	978.6	961.6	0.578	1,286.91	-199.97	2.958	0.922	95.835	0.178	0.060	0.010	0.015	0.004	0.004	0.015
05/12/2025 12:00AM	978.7	961.7	0.578	1,286.90	-199.97	2.959	0.923	95.823	0.185	0.061	0.010	0.015	0.004	0.004	0.015
05/13/2025 12:00AM	978.5	961.4	0.578	1,286.72	-199.97	2.967	0.920	95.838	0.167	0.059	0.010	0.015	0.004	0.004	0.015
05/14/2025 12:00AM	978.4	961.3	0.578	1,286.67	-199.97	2.970	0.918	95.849	0.157	0.057	0.010	0.015	0.004	0.004	0.016
05/15/2025 12:00AM	978.3	961.3	0.578	1,286.49	-199.97	2.976	0.921	95.842	0.155	0.058	0.010	0.015	0.004	0.004	0.015
05/16/2025 12:00AM	978.4	961.4	0.578	1,286.74	-199.97	2.963	0.919	95.861	0.152	0.057	0.010	0.015	0.004	0.004	0.015
05/17/2025 12:00AM	978.2	961.2	0.578	1,286.46	-199.97	2.980	0.918	95.842	0.155	0.057	0.010	0.015	0.004	0.004	0.015
05/18/2025 12:00AM	978.2	961.2	0.578	1,286.36	-199.97	2.983	0.920	95.838	0.153	0.058	0.010	0.015	0.004	0.004	0.015
05/19/2025 12:00AM	978.4	961.4	0.578	1,286.91	-199.97	2.950	0.919	95.880	0.150	0.055	0.010	0.014	0.004	0.003	0.015
05/20/2025 12:00AM	978.3	961.3	0.578	1,286.68	-199.97	2.964	0.921	95.847	0.166	0.057	0.010	0.014	0.004	0.003	0.014
05/21/2025 12:00AM	978.2	961.2	0.579	1,285.99	-199.97	3.002	0.929	95.777	0.178	0.063	0.011	0.016	0.005	0.004	0.015
05/22/2025 12:00AM	978.7	961.7	0.578	1,287.08	-199.97	2.954	0.917	95.846	0.173	0.059	0.010	0.016	0.005	0.004	0.016
05/23/2025 12:00AM	978.8	961.8	0.578	1,287.21	-199.97	2.950	0.915	95.856	0.170	0.059	0.010	0.016	0.005	0.004	0.016
05/24/2025 12:00AM	978.7	961.7	0.578	1,287.12	-199.97	2.950	0.918	95.853	0.172	0.059	0.010	0.015	0.004	0.004	0.015
05/25/2025 12:00AM	978.7	961.7	0.578	1,287.07	-199.97	2.951	0.919	95.850	0.172	0.059	0.010	0.015	0.004	0.004	0.015
05/26/2025 12:00AM	978.6	961.6	0.578	1,287.12	-199.97	2.947	0.918	95.867	0.161	0.059	0.010	0.016	0.005	0.004	0.015
05/27/2025 12:00AM	978.7	961.7	0.578	1,287.23	-199.97	2.957	0.907	95.866	0.160	0.059	0.010	0.016	0.005	0.004	0.015
05/28/2025 12:00AM	978.2	961.1	0.578	1,286.12	-199.97	2.983	0.933	95.818	0.156	0.059	0.010	0.016	0.005	0.004	0.016
05/29/2025 12:00AM	978.2	961.2	0.578	1,286.24	-199.97	2.986	0.925	95.822	0.159	0.058	0.010	0.016	0.005	0.004	0.016
05/30/2025 12:00AM	978.9	961.8	0.578	1,287.77	-199.97	2.917	0.908	95.915	0.159	0.055	0.010	0.015	0.004	0.004	0.014
05/31/2025 12:00AM	978.9	961.9	0.578	1,287.88	-199.97	2.903	0.915	95.921	0.162	0.054	0.010	0.014	0.004	0.004	0.013
06/01/2025 12:00AM	978.8	961.8	0.578	1,287.63	-199.97	2.916	0.916	95.906	0.162	0.055	0.010	0.014	0.004	0.004	0.014
06/02/2025 12:00AM	978.8	961.8	0.578	1,287.62	-199.97	2.926	0.908	95.907	0.157	0.055	0.010	0.014	0.004	0.004	0.014
06/03/2025 12:00AM	978.9	961.9	0.578	1,287.70	-199.97	2.942	0.897	95.885	0.171	0.058	0.010	0.015	0.004	0.004	0.014
06/04/2025 12:00AM	978.5	961.5	0.578	1,287.26	-199.97	2.942	0.910	95.884	0.171	0.051	0.009	0.013	0.004	0.003	0.013
06/05/2025 12:00AM	978.8	961.8	0.578	1,287.48	-199.97	2.938	0.908	95.875	0.178	0.056	0.010	0.014	0.004	0.003	0.013
06/06/2025 12:00AM	978.7	961.7	0.578	1,287.38	-199.97	2.940	0.910	95.879	0.170	0.056	0.010	0.014	0.004	0.003	0.014
06/07/2025 12:00AM	978.7	961.7	0.578	1,287.41	-199.97	2.933	0.912	95.891	0.161	0.056	0.010	0.014	0.004	0.003	0.014
06/08/2025 12:00AM	978.8	961.8	0.578	1,287.52	-199.97	2.939	0.906	95.882	0.167	0.058	0.010	0.015	0.004	0.004	0.014
06/09/2025 12:00AM	978.9	961.9	0.578	1,287.54	-199.97	2.940	0.908	95.866	0.179	0.060	0.010	0.015	0.004	0.004	0.014
06/10/2025 12:00AM	978.8	961.8	0.578	1,287.41	-199.97	2.946	0.908	95.862	0.177	0.059	0.010	0.015	0.004	0.004	0.014
06/11/2025 12:00AM	978.7	961.7	0.578	1,287.17	-199.97	2.943	0.921	95.853	0.176	0.059	0.010	0.015	0.004	0.004	0.014
06/12/2025 12:00AM	978.6	961.6	0.578	1,286.93	-199.97	2.933	0.937	95.853	0.172	0.058	0.010	0.015	0.004	0.004	0.014

Gas Quality Reports

From Southeastern KS Pipe

3/20/2025 - 6/20/2025

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%)
06/13/2025 12:00AM	978.7	961.6	0.578	1,287.03	-199.97	2.941	0.927	95.852	0.173	0.059	0.010	0.015	0.004	0.004	0.014
06/14/2025 12:00AM	978.7	961.7	0.578	1,287.09	-199.97	2.947	0.921	95.851	0.172	0.060	0.010	0.016	0.004	0.004	0.015
06/15/2025 12:00AM	978.6	961.6	0.578	1,287.10	-199.97	2.943	0.920	95.869	0.161	0.058	0.010	0.015	0.004	0.004	0.015
06/18/2025 12:00AM	978.6	961.6	0.578	1,287.18	-199.97	2.945	0.915	95.875	0.158	0.057	0.010	0.015	0.004	0.004	0.015
06/19/2025 12:00AM	978.7	961.6	0.578	1,287.22	-199.97	2.948	0.912	95.873	0.161	0.057	0.010	0.015	0.004	0.004	0.015

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;