25.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
86	35.2683	2958.6	2886.7	53.64
87	35.1206	3003.8	2931.6	54.17
88	34.9713	3049.1	2976.7	54.69
89	34.8204	3094.7	3022.0	55.20
90	34.6680	3140.5	3067.4	55.71
91	34.5141	3186.4	3113.0	56.22
92	34.3587	3232.6	3158.9	56.72
93	34.2018	3278.9	3204.8	57.22
94	34.0435	3325.4	3251.0	57.72
95	33.8838	3372.0	3297.2	58.22
96	33.7226	3418.8	3343.7	58.71
97	33.5600	3465.7	3390.3	59.19
98	33.3960	3512.8	3437.0	59.67
99	33.2304	3560.1	3483.8	60.15
100	33.0634	3607.4	3530.8	60.63
101	32.8948	3654.9	3577.9	61.10
102	32.7246	3702.6	3625.2	61.57
103	32.5528	3750.3	3672.5	62.04
104	32.3793	3798.2	3720.0	62.50
105	32.2041	3846.2	3767.6	62.96
106	32.0271	3894.4	3815.3	63.42
107	31.8482	3942.6	3863.1	63.87
108	31.6673	3991.0	3911.0	64.32
109	31.4844	4039.6	3959.1	64.77
110	31.2993	4088.3	4007.3	65.21
111	31.1120	4137.1	4055.7	65.65
112	30.9223	4186.1	4104.2	66.09
113	30.7301	4235.3	4152.9	66.53
114	30.5352	4284.7	4201.8	66.97
115	30.3375	4334.3	4250.8	67.40
116	30.1368	4384.2	4300.1	67.83
117	29.9330	4434.3	4349.7	68.26
118	29.7257	4484.7	4399.5	68.69
119	29.5149	4535.5	4449.6	69.12
120	29.3001	4586.6	4500.1	69.55
121	29.0811	4638.1	4551.0	69.97
122	28.8577	4690.1	4602.3	70.40
123	28.6293	4742.6	4654.1	70.83
124	28.3957	4795.7	4706.5	71.26
125	28.1562	4849.5	4759.5	71.69
126	27.9104	4904.1	4813.3	72.13
127	27.6576	4959.5	4867.9	72.57
128	27.3971	5015.8	4923.4	73.01
129	27.1280	5073.3	4980.0	73.46
130	26.8492	5132.1	5037.8	73.91
131	26.5594	5192.4	5097.0	74.37
132	26.2572	5254.4	5157.9	74.84
133	25.9405	5318.4	5220.7	75.33
134	25.6069	5384.8	5285.8	75.82
* 134.829	25.3151	5441.9	5341.9	76.25
* 134.829	3.36017	9388.3	8634.4	105.52
135	3.34525	9397.7	8640.4	105.59
136	3.26288	9451.0	8674.6	105.98
137	3.18785	9501.6	8707.0	106.35
138	3.11895	9549.9	8737.7	106.70
139	3.05522	9596.3	8767.2	107.04
140	2.99593	9641.0	8795.5	107.36
141	2.94050	9684.3	8822.8	107.67
142	2.88846	9726.2	8849.2	107.96
143	2.83941	9767.0	8874.8	108.25
144	2.79304	9806.7	8899.8	108.53
145	2.74906	9845.5	8924.0	108.79
146	2.70725	9883.5	8947.7	109.05
147	2.66740	9920.6	8970.9	109.31
148	2.62935	9957.1	8993.6	109.56
149	2.59294	9992.8	9015.9	109.80
150	2.55804	10028.0	9037.7	110.03
151	2.52454	10062.6	9059.2	110.26
152	2.49232	10096.7	9080.3	110.49
153	2.46131	10130.3	9101.1	110.71
154	2.43141	10163.4	9121.6	110.92
155	2.40255	10196.1	9141.8	111.13
156	2.37467	10228.4	9161.7	111.34
157	2.34770	10260.4	9181.4	111.55
158	2.32159	10291.9	9200.8	111.75
159	2.29629	10323.2	9220.0	111.94
160	2.27176	10354.1	9239.0	112.14

* PHASE CHANGE

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25.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
161	2.24794	10384.7	9257.8	112.33	231	1.37957	12184.8	10348.6	121.68
162	2.22481	10415.0	9276.4	112.52	232	1.37261	12208.1	10362.6	121.78
163	2.20233	10445.0	9294.8	112.70	233	1.36573	12231.5	10376.7	121.88
164	2.18046	10474.8	9313.1	112.88	234	1.35894	12254.8	10390.7	121.98
165	2.15917	10504.4	9331.1	113.06	235	1.35221	12278.0	10404.7	122.08
166	2.13844	10533.7	9349.1	113.24	236	1.34556	12301.3	10418.6	122.18
167	2.11824	10562.8	9366.9	113.41	237	1.33899	12324.5	10432.6	122.28
168	2.09855	10591.6	9384.5	113.59	238	1.33248	12347.6	10446.5	122.38
169	2.07933	10620.3	9402.0	113.76	239	1.32605	12370.8	10460.4	122.47
170	2.06058	10648.7	9419.4	113.92	240	1.31969	12393.9	10474.3	122.57
171	2.04227	10677.0	9436.6	114.09	241	1.31339	12416.9	10488.2	122.67
172	2.02438	10705.1	9453.8	114.25	242	1.30716	12440.0	10502.1	122.76
173	2.00690	10733.0	9470.8	114.42	243	1.30100	12463.0	10515.9	122.86
174	1.98981	10760.8	9487.7	114.58	244	1.29490	12486.0	10529.7	122.95
175	1.97309	10788.4	9504.5	114.73	245	1.28886	12509.0	10543.5	123.05
176	1.95672	10815.8	9521.2	114.89	246	1.28288	12531.9	10557.3	123.14
177	1.94071	10843.1	9537.8	115.04	247	1.27697	12554.9	10571.1	123.23
178	1.92502	10870.2	9554.3	115.20	248	1.27112	12577.7	10584.9	123.32
179	1.90966	10897.2	9570.7	115.35	249	1.26533	12600.6	10598.6	123.42
180	1.89460	10924.1	9587.0	115.50	250	1.25959	12623.5	10612.3	123.51
181	1.87985	10950.8	9603.3	115.65	251	1.25391	12646.3	10626.1	123.60
182	1.86538	10977.5	9619.5	115.79	252	1.24829	12669.1	10639.8	123.69
183	1.85118	11004.0	9635.5	115.94	253	1.24272	12691.9	10653.4	123.78
184	1.83726	11030.3	9651.5	116.08	254	1.23721	12714.6	10667.1	123.87
185	1.82359	11056.6	9667.5	116.22	255	1.23175	12737.3	10680.8	123.96
186	1.81018	11082.8	9683.3	116.37	256	1.22635	12760.0	10694.4	124.05
187	1.79700	11108.8	9699.1	116.51	257	1.22099	12782.7	10708.0	124.14
188	1.78407	11134.8	9714.9	116.64	258	1.21569	12805.4	10721.6	124.22
189	1.77136	11160.6	9730.5	116.78	259	1.21044	12828.0	10735.2	124.31
190	1.75887	11186.4	9746.1	116.92	260	1.20523	12850.6	10748.8	124.40
191	1.74659	11212.0	9761.7	117.05	261	1.20008	12873.3	10762.4	124.49
192	1.73453	11237.6	9777.2	117.19	262	1.19497	12895.8	10776.0	124.57
193	1.72266	11263.1	9792.6	117.32	263	1.18991	12918.4	10789.5	124.66
194	1.71099	11288.5	9808.0	117.45	264	1.18490	12940.9	10803.1	124.74
195	1.69951	11313.8	9823.3	117.58	265	1.17994	12963.5	10816.6	124.83
196	1.68821	11339.1	9838.5	117.71	266	1.17501	12986.0	10830.1	124.91
197	1.67710	11364.2	9853.8	117.84	267	1.17014	13008.5	10843.6	125.00
198	1.66616	11389.3	9868.9	117.96	268	1.16531	13030.9	10857.1	125.08
199	1.65539	11414.3	9884.0	118.09	269	1.16052	13053.4	10870.6	125.17
200	1.64478	11439.3	9899.1	118.21	270	1.15577	13075.8	10884.0	125.25
201	1.63434	11464.1	9914.1	118.34	271	1.15106	13098.2	10897.5	125.33
202	1.62405	11488.9	9929.1	118.46	272	1.14640	13120.6	10910.9	125.41
203	1.61392	11513.7	9944.1	118.58	273	1.14178	13143.0	10924.4	125.50
204	1.60393	11538.3	9959.0	118.70	274	1.13720	13165.4	10937.8	125.58
205	1.59409	11562.9	9973.8	118.82	275	1.13265	13187.7	10951.2	125.66
206	1.58439	11587.5	9988.6	118.94	276	1.12815	13210.1	10964.6	125.74
207	1.57483	11612.0	10003.4	119.06	277	1.12368	13232.4	10978.0	125.82
208	1.56541	11636.4	10018.1	119.18	278	1.11926	13254.7	10991.4	125.90
209	1.55611	11660.7	10032.9	119.30	279	1.11487	13277.0	11004.8	125.98
210	1.54694	11685.1	10047.5	119.41	280	1.11052	13299.2	11018.2	126.06
211	1.53790	11709.3	10062.2	119.53	281	1.10620	13321.5	11031.5	126.14
212	1.52899	11733.5	10076.7	119.64	282	1.10192	13343.8	11044.9	126.22
213	1.52019	11757.7	10091.3	119.76	283	1.09768	13366.0	11058.2	126.30
214	1.51151	11781.8	10105.8	119.87	284	1.09347	13388.2	11071.5	126.38
215	1.50294	11805.8	10120.3	119.98	285	1.08929	13410.4	11084.9	126.45
216	1.49448	11829.8	10134.8	120.09	286	1.08515	13432.6	11098.2	126.53
217	1.48614	11853.8	10149.3	120.20	287	1.08104	13454.8	11111.5	126.61
218	1.47790	11877.7	10163.7	120.31	288	1.07697	13476.9	11124.8	126.69
219	1.46977	11901.6	10178.0	120.42	289	1.07293	13499.1	11138.1	126.76
220	1.46173	11925.4	10192.4	120.53	290	1.06892	13521.2	11151.4	126.84
221	1.45380	11949.2	10206.7	120.64	291	1.06495	13543.3	11164.6	126.92
222	1.44597	11972.9	10221.0	120.75	292	1.06100	13565.4	11177.9	126.99
223	1.43823	11996.6	10235.3	120.85	293	1.05709	13587.5	11191.2	127.07
224	1.43059	12020.3	10249.5	120.96	294	1.05320	13609.6	11204.4	127.14
225	1.42304	12043.9	10263.8	121.06	295	1.04935	13631.7	11217.7	127.22
226	1.41558	12067.5	10277.9	121.17	296	1.04553	13653.8	11230.9	127.29
227	1.40820	12091.0	10292.1	121.27	297	1.04174	13675.8	11244.1	127.37
228	1.40092	12114.5	10306.3	121.38	298	1.03797	13697.8	11257.3	127.44
229	1.39372	12138.0	10320.4	121.48	299	1.03424	13719.9	11270.6	127.51
230	1.38660	12161.4	10334.5	121.58	300	1.03053	13741.9	11283.8	127.59