

**FLUID WEIGHT AND PRESSURE CONVERSION TABLE**

Degrees API	Specific Gravity	Weight / Density (lb.)		Fluid Head		Degrees API	Specific Gravity	Weight / Density (lb.)		Fluid Head	
		Pounds per Gallon	Pounds per Cubic Foot	Height per Pound (ft.)	Pressure per Foot (psi)			Pounds per Gallon	Pounds per Cubic Foot	Height per Pound (ft.)	Pressure per Foot (psi)
60	.739	6.16	46.1	3.13	.320		1.20	10.0	74.8	1.93	.519
59	.743	6.20	46.4	3.11	.322		1.22	10.2	76.3	1.89	.530
58	.747	6.23	46.6	3.09	.324		1.25	10.4	77.8	1.85	.540
57	.751	6.26	46.8	3.08	.325		1.27	10.6	79.3	1.81	.551
56	.755	6.30	47.1	3.06	.327		1.29	10.8	80.8	1.78	.561
55	.759	6.33	47.4	3.04	.329		1.32	11.0	82.3	1.75	.571
54	.763	6.36	47.6	3.03	.330		1.34	11.2	83.8	1.72	.582
53	.767	6.40	47.9	3.01	.332		1.37	11.4	85.3	1.69	.592
52	.771	6.43	48.1	2.99	.334		1.39	11.6	86.8	1.66	.603
51	.775	6.46	48.3	2.98	.336		1.41	11.8	88.3	1.63	.613
50	.780	6.51	48.7	2.96	.338		1.44	12.0	89.8	1.61	.623
49	.784	6.54	48.9	2.94	.340		1.46	12.2	91.3	1.58	.634
48	.788	6.57	49.2	2.93	.341		1.49	12.4	92.8	1.55	.644
47	.793	6.61	49.5	2.92	.343		1.51	12.6	94.3	1.53	.655
46	.797	6.65	49.8	2.90	.345		1.53	12.8	95.8	1.50	.665
45	.802	6.69	50.0	2.87	.348		1.56	13.0	97.3	1.48	.675
44	.806	6.72	50.3	2.87	.349		1.58	13.2	98.7	1.46	.686
43	.811	6.76	50.6	2.85	.351		1.61	13.4	100	1.44	.696
42	.816	6.81	50.9	2.82	.354		1.63	13.6	102	1.42	.706
41	.820	6.84	51.2	2.82	.355		1.65	13.8	103	1.39	.717
40	.825	6.88	51.5	2.80	.357		1.68	14.0	105	1.38	.727
39	.830	6.92	51.8	2.79	.359		1.70	14.2	106	1.36	.738
38	.835	6.96	52.1	2.76	.362		1.73	14.4	108	1.34	.748
37	.840	7.01	52.4	2.75	.364		1.75	14.6	109	1.32	.758
36	.845	7.05	52.7	2.73	.366		1.77	14.8	111	1.30	.769
35	.850	7.09	53.0	2.72	.368		1.80	15.0	112	1.28	.779
34	.855	7.13	53.3	2.70	.370		1.82	15.2	114	1.27	.790
33	.860	7.17	53.6	2.69	.372		1.85	15.4	115	1.25	.800
32	.865	7.21	53.9	2.67	.375		1.87	15.6	117	1.23	.810
31	.871	7.26	54.3	2.65	.377		1.89	15.8	118	1.22	.821
30	.876	7.31	54.7	2.63	.380		1.92	16.0	120	1.20	.831
29	.882	7.36	55.1	2.62	.382		1.94	16.2	121	1.19	.842
28	.887	7.40	55.4	2.60	.384		1.97	16.4	123	1.17	.852
27	.893	7.45	55.7	2.58	.387		1.99	16.6	124	1.16	.862
26	.898	7.49	56.0	2.57	.389		2.01	16.8	126	1.15	.873
25	.904	7.54	56.4	2.55	.392		2.04	17.0	127	1.13	.883
24	.910	7.59	56.8	2.54	.394		2.06	17.2	129	1.12	.894
23	.916	7.64	57.2	2.52	.397		2.09	17.4	130	1.11	.904
22	.922	7.69	57.5	2.51	.399		2.11	17.6	132	1.09	.914
21	.928	7.74	57.9	2.49	.402		2.13	17.8	133	1.08	.925
20	.934	7.79	58.3	2.47	.405		2.16	18.0	135	1.07	.935
19	.940	7.84	58.7	2.46	.407		2.18	18.2	136	1.06	.945
18	.946	7.89	59.0	2.44	.410		2.21	18.4	138	1.05	.956
17	.953	7.95	59.5	2.42	.413		2.23	18.6	139	1.04	.966
16	.959	8.00	59.8	2.40	.416		2.25	18.8	141	1.02	.977
15	.966	8.06	60.3	2.39	.419		2.28	19.0	142	1.01	.987
14	.973	8.11	60.7	2.38	.421		2.30	19.2	144	1.00	.997
13	.979	8.16	61.0	2.36	.424		2.33	19.4	145	.992	1.01
12	.986	8.22	61.5	2.34	.427		2.35	19.6	147	.982	1.02
11	.993	8.28	61.9	2.33	.430		2.37	19.8	148	.972	1.03
10° API or Pure Water	1.00	8.34	62.4	2.31	.433		2.40	20.0	150	.962	1.04
	1.01	8.40	62.8	2.29	.436		2.42	20.2	151	.953	1.05
15% HCL	1.03	8.60	64.3	2.24	.447		2.45	20.4	153	.943	1.06
	1.06	8.80	65.8	2.19	.457		2.47	20.6	154	.935	1.07
	1.08	9.00	67.3	2.14	.468		2.49	20.8	156	.925	1.08
	1.10	9.20	68.8	2.09	.478		2.52	21.0	157	.917	1.09
Salt Water	1.13	9.40	70.3	2.05	.488		2.54	21.2	159	.908	1.10
	1.15	9.60	71.8	2.00	.499		2.57	21.4	160	.899	1.11
	1.154	9.625	72.0	2.00	.500		2.59	21.6	162	.891	1.12
	1.18	9.80	73.3	1.96	.509		2.61	21.8	163	.883	1.13

**GASTABLE**

To find the bottom hole pressure, multiply the surface pressure by the factor corresponding to the well depth and gravity of the gas.

Well Depth	CORRECTION FACTORS		
	0.6 Gravity	0.7 Gravity	0.8 Gravity
4,500	1.099	1.116	1.132
5,000	1.110	1.130	1.149
5,500	1.120	1.141	1.163
6,000	1.132	1.155	1.181
6,500	1.143	1.175	1.195
7,000	1.155	1.184	1.211

Well Depth	CORRECTION FACTORS		
	0.6 Gravity	0.7 Gravity	0.8 Gravity
7,500	1.171	1.195	1.227
8,000	1.181	1.210	1.241
8,500	1.190	1.230	1.260
9,000	1.202	1.240	1.273
9,500	1.215	1.250	1.285
10,000	1.225	1.265	1.305