

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_w or P_h)

Form C-122F
Adopted 9-1-65

FROM KNOWN BOTTOM HOLE PRESSURE (P_h or P_s)

COMPANY BASS ENTERPRISES LEASE BASS 32 STATE WELL NO. 1 DATE 9-13-82
LOCATION: Unit C Section 32 Township 19S Range 34
L 13.426 H 13.426 L/H 1.00 G .677 % CO₂ _____ % N₂ _____ % H₂S _____

GH 9089 P_{CT} 669 T_{CT} 382
TABLE 1 & 2 TABLE 1 & 2

LINE	RATE 1				RATE 2				RATE 3				RATE 4			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	T _w (W.H. °R)	534	534	534	534	534	534	534	534	534	534	534	534	534	534	534
2	T _s (B.H. °R)	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
3	T _r = (T _w + T _s) / 2	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601
4	Z (Est.)	.935	.889	.930	.884	.924	.908	.879	.908	.879	.908	.866	.908	.879	.908	.866
5	TZ	561.9	534.3	558.9	531.3	555.3	545.7	528.3	555.3	528.3	545.7	520.5	555.3	528.3	545.7	520.5
6	GH/TZ	16.174	17.011	16.261	17.108	16.367	16.655	17.205	16.367	17.205	16.655	17.467	16.367	17.205	16.655	17.467
7	e ^s (Table XIV)	1.834	1.893	1.840	1.899	1.847	1.867	1.906	1.847	1.906	1.867	1.925	1.847	1.906	1.867	1.925
8	P _f or P _s	4572.2	4576.2	4507.2	4507.2	4431.2	4227.2	4431.2	4431.2	4431.2	4227.2	4227.2	4431.2	4431.2	4227.2	4227.2
9	P _f ² or P _s ²	20941.6	20941.6	20314.9	20314.9	19635.5	17869.2	19635.5	19635.5	19635.5	17869.2	17869.2	19635.5	19635.5	17869.2	17869.2
10	P _c ² = P _f ² /e ^s or P _w ² = P _s ² /e ^s	11418.0	11065.3	11040.2	10695.4	10628.9	9568.7	10300.1	10628.9	10300.1	9568.7	9283.2	10628.9	10300.1	9568.7	9283.2
11	P _c or P _w	3379.1	3326.4	3322.9	3270.4	3260.2	3093.3	3209.4	3260.2	3209.4	3093.3	3046.8	3260.2	3209.4	3093.3	3046.8
12	P _r = (P _w + P _s) / 2 or (P _c + P _f) / 2	3977.6	3951.3	3914.9	3888.8	3845.7	3660.3	3820.3	3845.7	3820.3	3660.3	3637.0	3845.7	3820.3	3660.3	3637.0
13	P _r = (P/P _{CT})	5.95	5.91	5.85	5.81	5.75	5.47	5.71	5.75	5.71	5.47	5.44	5.75	5.71	5.47	5.44
14	T _r = (T/T _{CT})	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
15	Z (Table XI)	.889	.887	.884	.882	.879	.866	.877	.879	.877	.866	.864	.879	.877	.866	.864

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