

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_w or P_s)
 FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

Form C-122F
 Adopted 9-1-65

COMPANY BASS ENTERPRISES LEASE PAIMILLO STATE # WELL NO. 1 DATE 06-02-80

LOCATION: Unit G Section 1 Township 19s Range 28e

L 10790 H 10790 L/H 1.000 G .6422 % CO₂ 1.298 % N₂ .426 % H₂S _____

GH 6929 P_{cr} 670 T_{cr} 372
TABLE IX & X
 1st 2nd 3rd 4th

LINE	1	2	3	4	5	6	7	8
1	T _w (W.H. °R)	534	534	534	534	534	534	534
2	T _s (B.H. °R)	642	642	642	642	642	642	642
3	T _f = (T _w + T _s) / 2	588	588	588	588	588	588	588
4	Z (Est.)	.905	.870	.895	.863	.892	.859	.887
5	TZ	532.1	511.6	526.3	507.4	524.5	505.1	521.6
6	GH/TZ	13.021	13.545	13.166	13.655	13.211	13.718	13.285
7	e ^s (Table XIV)	1.630	1.662	1.638	1.669	1.641	1.673	1.646
8	P _f or P _s	4270.2	4270.2	4149.2	4149.2	4099.2	4099.2	4042.2
9	P _f ² or P _s ²	18234.6	18234.6	17215.9	17215.9	16803.4	16803.4	16339.4
10	P _c ² = P _f ² /e ^s or P _w ² = P _s ² /e ^s	11190.1	10972.4	10507.7	10316.7	10238.7	10045.8	9928.3
11	P _c or P _w	3345.2	3312.5	3241.6	3212.0	3199.8	3169.5	3150.9
12	P _f = (P _w + P _s) / 2 or (P _c + P _f) / 2	3807.7	3791.3	3695.4	3680.6	3649.5	3634.4	3596.6
13	P _f = (P/P _{cr})	5.68	5.66	5.52	5.49	5.45	5.42	5.37
14	T _f = (T/T _{cr})	1.58	1.58	1.58	1.58	1.58	1.58	1.58
15	Z (Table XI)	.870	.869	.863	.861	.859	.858	.854