

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (Pc or Pw)
FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

FORM C-122F

COMPANY STEVENS & TULL

LEASE : SWEET THINELL NO. : 1

DATE 2/24/98

UNIT

SECTION : 36

TWNSHP : 20

RANGE : 21

L

7860

H : 7860

L/H : 1

G/GMIX : 0.6420

CO2 : 0.61

N2 : 0.313

H2S :

GH : 5046.1

PCR : 667

TCR : 368

LINE		1	2	3	4	5	6	7	8
1	TW(W.H. R)	534	534	534	534	534	534	534	534
2	Ts(B.H. R)	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6
3	T=(Tw+Ts/2)	573.3	573.3	573.3	573.3	573.3	573.3	573.3	573.3
4	Z (EST.)	0.853	0.787	0.793	0.786	0.790	0.785	0.789	0.784
5	TZ	489	451	454	450	453	450	452	449
6	GH/TZ	10.324	11.186	11.106	11.204	11.135	11.217	11.161	11.227
7	eS(TABLE XIV)	1.473	1.521	1.517	1.522	1.518	1.523	1.520	1.524
8	Pf or Ps	2900.2	2900.2	2847.2	2847.2	2783.9	2783.9	2718.3	2718.3
9	Pf2 or Ps2	8411.2	8411.2	8106.5	8106.5	7750.1	7750.1	7389.2	7389.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	5711.1	5529.4	5345.1	5325.5	5104.6	5088.9	4862.1	4850.0
11	Pc or Pw	2390	2351	2312	2308	2259	2256	2205	2202
12	P=(Pw+Ps/2)or(Pc+Pf/2)	2645	2626	2580	2577	2522	2520	2462	2460
13	Pr=(P/Pcr)	3.97	3.94	3.87	3.86	3.78	3.78	3.69	3.69
14	Tr(T/Tcr)	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56
15	Z (TABLE XI)	0.787	0.786	0.786	0.786	0.785	0.785	0.784	0.784

PW 1 : 2351.5 PW 2 : 2307.7 PW 3 : 2255.9 PW 4 : 2202.3