

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

FORM C-122F

COMPANY DEVON
UNIT L
LEASE : RIVERSIDE WELL NO. : 1
SECTION : TWSHP :
H : 8282 L/H : 1
CO2 : 0.304 N2 : 0.638
GH : 5540.7 PCR : 673
DATE
RANGE :
G/GMIX : 0.6690
H2S :
TCR : 374

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)	616.8	616.8	616.8	616.8	616.8	616.8	616.8	616.8
3	T=(Tw+Ts/2)	575.4	575.4	575.4	575.4	575.4	575.4	575.4	575.4
4	Z (EST.)	0.832	0.774	0.774	0.777	0.778	0.786	0.798	0.810
5	Tz	479	445	445	447	448	452	459	466
6	GH/Tz	11.571	12.444	12.444	12.389	12.373	12.249	12.061	11.885
7	eS(TABLE XIV)	1.543	1.595	1.595	1.591	1.590	1.583	1.572	1.562
8	Pf or Ps	2552.2	2552.2	2292.8	2292.8	2016.2	2016.2	1591.3	1591.3
9	Pf2 or Ps2	6513.7	6513.7	5256.9	5256.9	4065.1	4065.1	2532.2	2532.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	4220.7	4084.7	3296.7	3303.4	2556.0	2567.9	1611.0	1621.6
11	Pc or Pw	2054	2021	1816	1818	1599	1602	1269	1273
12	P=(Pw+Ps/2) or (Pc+Pf/2)	2303	2287	2054	2055	1807	1809	1430	1432
13	Pr=(P/Pcr)	3.42	3.40	3.05	3.05	2.69	2.69	2.13	2.13
14	Tr(T/Tcr)	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54
15	Z (TABLE XI)	0.774	0.774	0.777	0.777	0.786	0.786	0.810	0.810

PW 1 : 2021.1 PW 2 : 1817.5 PW 3 : 1602.5 PW 4. 1273.4

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