

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (Pc or Pw)

FORM C-122F

FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

COMPANY DEVON SFS OPERATING LEASE :S. CROSS 1WELL NO. : 1 DATE 8/6/01
 UNIT SECTION : TWNSHP : RANGE :
 L 6284 H : 6284 L/H : 1 G/GMIX : 0.6440
 CO2 : 0.241 N2 : 1.24 H2S :
 GH : 4046.9 PCR : 672 TCR : 367

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)	596.8	596.8	596.8	596.8	596.8	596.8	596.8	596.8
3	T=(Tw+Ts/2)	565.4	565.4	565.4	565.4	565.4	565.4	565.4	565.4
4	Z (EST.)	0.837	0.785	0.782	0.788	0.789	0.796	0.806	0.815
5	TZ	473	444	442	446	446	450	456	461
6	GH/TZ	8.551	9.115	9.156	9.081	9.076	8.987	8.875	8.777
7	eS(TABLE XIV)	1.378	1.408	1.410	1.406	1.405	1.401	1.395	1.390
8	Pf or Ps	1995.8	1995.8	1936.8	1936.8	1774.4	1774.4	1488.7	1488.7
9	Pf2 or Ps2	3983.2	3983.2	3751.2	3751.2	3148.5	3148.5	2216.2	2216.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	2890.4	2830.0	2661.1	2668.5	2240.2	2247.7	1588.8	1594.7
11	Pc or Pw	1700	1682	1631	1634	1497	1499	1260	1263
12	P=(Pw+Ps/2)or(Pc+Pf/2)	1848	1839	1784	1785	1636	1637	1375	1376
13	Pr=(P/Pcr)	2.75	2.74	2.65	2.66	2.43	2.44	2.05	2.05
14	Tr(T/Tcr)	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54
15	Z (TABLE XI)	0.785	0.786	0.788	0.788	0.796	0.796	0.815	0.815

PW 1 : 1682.2 PW 2 : 1633.6 PW 3 : 1499.2 PW 4 : 1262.8

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