

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (~~P_w~~ or P_w)
FROM KNOWN BOTTOM HOLE PRESSURE (~~P_b~~ or P_b)

FORM C-122F

COMPANY ORYX ENERGY LEASE : ADKINS WELL NO. : 10 DATE 5 8 91
UNIT SECTION : TOWNSHIP : RANGE :
L 3021 H : 3021 L/H : 1 G/GMIX : 0.6770
CO2 : 0 N2 : 3.55 H2S :
GH : 2045.2 PCR : 664 TCR : 373

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)	564.2	564.2	564.2	564.2	564.2	564.2	564.2	564.2
3	T=(Tw+Ts/2)	549.1	549.1	549.1	549.1	549.1	549.1	549.1	549.1
4	Z (EST.)	0.948	0.886	0.887	0.890	0.892	0.895	0.901	0.904
5	TZ	521	487	487	489	490	491	495	496
6	GH/TZ	3.929	4.202	4.200	4.184	4.176	4.162	4.135	4.122
7	eS(TABLE X17)	1.159	1.171	1.171	1.170	1.170	1.169	1.168	1.167
8	Pf or Ps	600.2	600.2	576.2	576.2	543.2	543.2	484.2	484.2
9	Pf2 or Ps2	360.2	360.2	332.0	332.0	295.1	295.1	234.4	234.4
10	Pc2=Pf/eS or Pw2=Ps2/eS	310.9	307.7	283.6	283.8	252.3	252.4	200.8	200.9
11	Pc or Pw	558	555	533	533	502	502	448	448
12	P=(Pw+Ps/2)or(Pc+Pf/2)	579	577	554	554	523	523	466	466
13	Pr=(P/PCR)	0.87	0.87	0.83	0.84	0.79	0.79	0.70	0.70
14	Tr(T/TCR)	1.47	1.47	1.47	1.47	1.47	1.47	1.47	1.47
15	Z (TABLE X1)	0.886	0.887	0.890	0.890	0.895	0.895	0.904	0.903

PW 1 : 554.7 PW 2 : 532.7 PW 3 : 502.4 PW 4 : 448.2