

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

FORM C-122F

COMPANY SANTA Fe ENERGY LEASE :LAGU SLA WELL NO. : 1 DATE 2 26 91
UNIT SECTION : 22 TOWNSHIP : 23 S RANGE : 29 E
L 13071 H : 13071 L/H : 1 G/GMIX : 0.5820
CO2 : 1.09 N2 : 0.26 H2S :
GH : 7607.3 PCR : 676 TCR : 349

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)	664.7	664.7	664.7	664.7	664.7	664.7	664.7	664.7
3	T=(Tw+Ts/2)	599.4	599.4	599.4	599.4	599.4	599.4	599.4	599.4
4	Z (EST.)	1.000	0.903	0.918	0.890	0.895	0.873	0.879	0.862
5	TZ	599	541	550	534	537	523	527	517
6	GH/TZ	12.691	14.062	13.819	14.255	14.178	14.538	14.441	14.727
7	eS(TABLE XIV)	1.609	1.694	1.679	1.707	1.702	1.725	1.719	1.737
8	Pf or Ps	4498.9	4498.9	4289.2	4289.2	3890.6	3890.6	3567.2	3567.2
9	Pf2 or Ps2	20240.1	20240.1	18397.2	18397.2	15136.8	15136.8	12724.9	12724.9
10	Pc2=Pf/eS or Pw2=Ps2/eS	12575.5	11945.3	10957.1	10779.5	8894.8	8775.5	7404.0	7325.1
11	Pc or Pw	3546	3456	3310	3283	2982	2962	2721	2706
12	P=(Pw+Ps/2)or(Pc+Pf/2)	4023	3978	3800	3786	3437	3426	3144	3137
13	Pr=(P/Pcr)	5.95	5.88	5.62	5.60	5.08	5.07	4.65	4.64
14	Tr(T/Tcr)	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72
15	Z (TABLE XI)	0.903	0.900	0.890	0.890	0.873	0.873	0.862	0.862

PW 1 : 3456.2 PW 2 : 3283.2 PW 3 : 2962.3 PW 4 : 2706.5