

STATION 1000
 BHP 2000
 T.S. 2000

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_w)
 FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

Form C-122F
 Adopted 9-1-65

COMPANY MEMPHIS OIL (LEASE) WELL NO. FEED, R DATE 7-9-60

LOCATION: Unit 8632 Section 17 Township 17S Range 27E

L 8632 H 8632 L/H 1.000 G .710 % CO₂ 5.04 % N₂ .84 % H₂S —

$X = BHP$ 2000 GAT 6128.7 P_{cr} 689 T_{cr} 350
 TABLE IX & X

LINE		1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	534	534						
2	$T_s(B.H. \cdot R)$	620	620						
3	$T = \frac{T_w + T_s}{2}$	577	577						
4	Z (Est.)	.828	.823						
5	TZ	471.9	474.2						
6	GH/TZ	12.584	12.506						
7	e^s (Table XIV)	1.627	1.632						
8	P_{f2} or P_{s2}	2349.0	2349.0						
9	P_{f2} or P_{s2}	5517.8	5517.8						
10	$P_c = P_{f2}/e^s$ or $P_w = P_{s2}/e^s$	3390.7	3400.7						
11	P_c or P_w	1841.3	1841.3						
12	$P_c \cdot \left(\frac{P_w + P_s}{2}\right)$ or $\left(\frac{P_c + P_f}{2}\right)$	2091.1	2096.5						
13	$P_f = (P/P_{cr})$	3.04	3.04						
14	$T_f = (T/T_{cr})$	1.64	1.64						
15	Z (Table XI)	.823	.823						

1841.3
= P_c