

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_w)

Form C-122F
Adopted 8-1-65

FROM KNOWN BOTTOM HOLE PRESSURE (P_1 or P_b)

COMPANY GREENT WESTERN DRILLING WELL NO. 32-2 DATE 11-14-88

LOCATION: Unit 9563 Section 1.000 Township 642 Range 0

L 9563 H 9563 LM 1.000 G 642 % CO₂ 1.35 % N₂ 66 % H₂S 0

* SKUTCHIN BNP
CAL. BACK TO SURFACE GH 6139.4 P_{cr} 620 T_{cr} 322

TABLE IN 8.2

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LINE		1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	534	534						
2	$T_g(B.H. \cdot R)$	650	650						
3	$T = (\frac{T_w + T_g}{2})$	592	592						
4	Z (Est.)	.894	.866						
5	TZ	529.2	512.6						
6	GH/TZ	11.600	11.925						
7	e^s (Table XIV)	1.544	1.566						
8	P_1 or P_g	4055.2	4055.2						
9	P_1^2 or P_g^2	16444.6	16444.6						
10	$P_c^2 = P_1^2/e^s$ or $P_w^2 = P_g^2/e^s$	10643.9	10495.2						
11	P_g or P_w	3262.5	3239.6						
12	$P = (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_1}{2})$	3658.8	3647.4						
13	$P_r = (P/P_{cr})$	5.46	5.45						
14	$T_r = (T/T_{cr})$	1.59	1.59						
15	Z (Table XI)	.866	.866						