

COMPLETION REPORT
 12-1-65

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_{wf} , P_{gs} , P_w)
 FROM KNOWN BOTTOM HOLE PRESSURE (P_{gs})

Form C-122F
 Adopted 9-1-65

 = P_{wf}
 = P_{gs}
 = P_w

COMPANY NEWBOLDZNE OIL CO. LEASE EGG. R2 WELL NO. 1 DATE 7-5-60
 LOCATION: Unit 7 Section 7 Township 17S Range 27E
 L 2632 H 2632 L/H 1.000 G .710 %CO₂ 5.09 %N₂ .84 %H₂S -
 GH 6128.7 P_{gs} 689 T_{gs} 350
 TABLE IX & X

LINE	1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	534	534	534	534	534	534	534
2	$T_s(B.H. \cdot R)$	620	620	620	620	620	620	620
3	$T = \frac{T_w + T_s}{2}$	597	597	597	597	597	597	597
4	Z (Est.)	.829	.829	.829	.829	.838	.837	.847
5	TZ	473.1	478.3	478.2	480.0	480.7	483.5	488.7
6	GH/TZ	12.953	12.812	12.921	12.736	12.824	12.675	12.609
7	e^s (Table XIV)	1.625	1.616	1.623	1.615	1.628	1.609	1.600
8	P_{gs}	2228.0	2228.0	2132.0	2132.0	1992.0	1992.0	1860.0
9	P_{gs} or P_s	4964.0	4964.0	4505.4	4505.4	3968.1	3968.1	3240.0
10	$P_c = P_{gs}/e^s$ or $P_w = P_s/e^s$	3054.0	3050.1	2700.1	2716.1	2452.9	2466.9	2030.4
11	P_w or P_{gs}	1749.5	1752.1	1672.2	1678.1	1566.1	1570.6	1422.8
12	$P_c = \frac{P_w + P_s}{2}$ or $(\frac{P_c + P_s}{2})$	1997.7	1990.0	1902.6	1903.7	1779.0	1781.3	1631.4
13	$P_r = (P/P_{gs})$	2.88	2.88	2.72	2.72	2.58	2.58	2.33
14	$T_r = (T/T_{gs})$	1.64	1.64	1.64	1.64	1.64	1.64	1.64
15	Z (Table XI)	.829	.829	.832	.832	.838	.838	.847