

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 Covoco, Inc LEASE Meyer A-1 WELL NO. 17 DATE 3-17-88

LOCATION: Unit H Section 18 Township 21S Range 36E

L 3578 H 3578 LVH 1.000 G 0.7111 % CO₂ 0.4882 % N₂ 0.931 % H₂S 4

GH 2544.3 P_{gr} 667 T_{gr} 392
TABLE IX B X .41 TABLE IX B X .40

LINE	1	2	3	4	5	6	7	8
1 $T_w(W.H. \cdot R)$	520	520	520	520	520	520	520	520
2 $T_s(B.H. \cdot R)$	550	550	550	550	550	550	550	550
3 $T = (\frac{T_w}{2} + T_s)$	535	535	535	535	535	535	535	535
4 Z (Est.)	.941	.943	.942	.944	.943	.946	.944	.947
5 TZ	503.435	504.505	503.970	505.040	504.505	506.110	505.040	506.645
6 GH/TZ	5.0539	5.0432	5.0485	5.0378	5.0432	5.0272	5.0378	5.0219
7 e^S (Table XIV)	1.204	1.208	1.208	1.208	1.208	1.207	1.208	1.207
8 P_f or P_s	278.8	278.8	273.5	273.5	266.1	266.1	261.3	261.3
9 P_f^2 or P_s^2	77729.44	77729.44	74802.25	74802.25	70809.21	70809.21	68277.69	68277.69
10 $P_c^2 - P_f^2/e^S$ or $P_w^2 = P_s^2/e^S$	64292.34	64345.56	61922.39	61922.39	58616.90	58665.46	56521.27	56568.08
11 P_c or P_w	253.6	253.7	248.8	248.8	242.1	242.2	237.7	237.8
12 $P \cdot (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	266.2	266.25	261.15	261.15	254.1	254.15	249.5	249.55
13 $P_r = (P/P_{gr})$	0.40	0.40	0.39	0.39	0.38	0.38	0.37	0.37
14 $T_r = (T/T_{gr})$	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
15 Z (Table XI)	.943	.943	.944	.944	.946	.946	.947	.947

Mobley
Anderson
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