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FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SURFACE) PRESSURE (Pc & Pw) .
COMPANY : PHILLIPS PETRO CO LEASE : RANGER 17 WELL NO. : 1 DATE : 5 19 92
UNIT : 0 SECTION : 34 TOWNSHIP : 12 RANGE : 34
L : 12675 H : 12675 L/H : 1.0 G/GMIX : 1.098
CO2 : 2.24 N2 : 3.36 H2S : 0
d : 2.441 Fr : 0.010763 Qm : 0.000 (L/H) (Fr Qm) 0.000000
PCR : 656 TCR : 508
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LINE ITEM SOURCE 1 2 3 4 5 6
1 H 12675 6338 0
2 GH 13917.15 6958.58 0 DELTA P = 2231.0
3 37.5GH 521893 260947 0 Pw = 2774.5
4 Pc or Pn 5005.6 3949.9 3933.7 2862.9 2719.1 2742.3
5 Pr 7.87 6.02 6.00 4.36 4.14 4.18
6 T 660.75 597.375 597.375 534 534 534
7 Tr 1.30 1.18 1.18 1.05 1.05 1.05
8 Z 0.966 0.793 0.790 0.508 0.504 0.505
9 P/ZP/Z 4/8 5346.4 4983.8 4978.8 5636.0 5397.2 5435.0
10 P/TZ 9/6 8.0914 8.3428 8.3345 10.5543 10.1071 10.1779
11 Ln10^2/1000:(10)2/100:
12 L/H(Fr Qm)2
13 11+12
14 In 10/13 123.589 119.864 119.983 94.748 98.940 98.252
15 M=Pn-Pn-1 1056 1072 1071 1215 1191
16 N=In+In-1 243.452 243.572 214.731 218.923 218.235
17 M x N 15x16 261075 259999
18 SUM(MxN) SUM17 521893 260819
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