

COMPANY : Collins & Ware LEASE : Boeing Fed. Com. WELL NO. : 1 Pc = 2993.2 Pc2 = 8959.2 *
 UNIT : E SECTION : 2 TOWNSHIP : 23 Pt2 = 308.2 Pw = 557.6 *
 L : 11700 H : 11700 L/H : 1 G/GMIX : 0.584 . DATE : 8/10/92 185.1 434.4 *
 %CO2 : 1.33 %N2 : 0.31 H2S : RANGE : 26 154.6 398.0 *
 d : 2.441 Fr : 0.010763 GH : 6832.8 137.8 379.1 *

VOL 1 : 453 PSIA 1 : 555.2 RESV. TEMP 191.0 Pc2-Pw2= 8648.4 Pw2 = 310.9 *
 VOL 2 : 528 PSIA 2 : 430.2 8770.5 188.7 *
 VOL 3 : 536 PSIA 3 : 393.2 SHUT-IN PR= 2993.2 8800.9 158.4 *
 VOL 4 : 670 PSIA 4 : 371.2 8815.5 143.7 *
 PCR : 676 n = 1.000 *
 TCR : 349 Pc2/(Pc2-Pw2) = 1.036 *

| LINE | RATE 1 | | RATE 2 | | RATE 3 | | RATE 4 | | |
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | 1ST | 2ND | 1ST | 2ND | 1ST | 2ND | 1ST | 2ND | |
| 1 | QM | 0.453 | 0.453 | 0.528 | 0.528 | 0.536 | 0.536 | 0.670 | 0.670 |
| 2 | TW | 534 | 534 | 534 | 534 | 534 | 534 | 534 | 534 |
| 3 | Ts | 651.0 | 651.0 | 651.0 | 651.0 | 651.0 | 651.0 | 651.0 | 651.0 |
| 4 | T | 592.5 | 592.5 | 592.5 | 592.5 | 592.5 | 592.5 | 592.5 | 592.5 |
| | PR (est) | 0.82 | | 0.64 | | 0.58 | | 0.55 | |
| 5 | Z(est) | 0.925 | 0.919 | 0.936 | 0.931 | 0.939 | 0.934 | 0.941 | 0.936 |
| 6 | TZ | 548.0 | 544.3 | 554.4 | 551.4 | 556.3 | 553.5 | 557.5 | 554.7 |
| 7 | GH/TZ | 12.468 | 12.553 | 12.324 | 12.392 | 12.282 | 12.344 | 12.256 | 12.317 |
| 8 | eS | 1.596 | 1.601 | 1.588 | 1.592 | 1.585 | 1.589 | 1.583 | 1.587 |
| 9 | 1-e-S | 0.373 | 0.375 | 0.370 | 0.372 | 0.369 | 0.371 | 0.368 | 0.370 |
| 10 | Pt | 555.2 | 555.2 | 430.2 | 430.2 | 393.2 | 393.2 | 371.2 | 371.2 |
| 11 | Pt2 /1000 | 308.2 | 308.2 | 185.1 | 185.1 | 154.6 | 154.6 | 137.8 | 137.8 |
| 12 | Fr | 0.010763 | 0.010763 | 0.010763 | 0.010763 | 0.010763 | 0.010763 | 0.010763 | 0.010763 |
| 13 | Fc=FrTZ | 5.898 | 5.858 | 5.967 | 5.935 | 5.988 | 5.958 | 6.001 | 5.971 |
| 14 | FcQm | 2.67 | 2.65 | 3.15 | 3.13 | 3.21 | 3.19 | 4.02 | 4.00 |
| 15 | L/H(FcQm) | 7.1 | 7.0 | 9.9 | 9.8 | 10.3 | 10.2 | 16.2 | 16.0 |
| 16 | Fw | 12.666318 | 12.644438 | 13.673716 | 13.649367 | 13.801947 | 13.778588 | 15.955583 | 15.9195363 |
| 17 | Pw2 | 310.9 | 310.9 | 188.7 | 188.7 | 158.4 | 158.4 | 143.7 | 143.7 |
| 18 | Ps2 | 496.2 | 497.8 | 299.6 | 300.4 | 251.1 | 251.6 | 227.6 | 228.1 |
| 19 | Ps | 704.4 | 705.5 | 547.4 | 548.0 | 501.1 | 501.6 | 477.1 | 477.6 |
| 20 | P | 629.8 | 630.4 | 488.8 | 489.1 | 447.1 | 447.4 | 424.1 | 424.4 |
| 21 | Pr | 0.93 | 0.93 | 0.72 | 0.72 | 0.66 | 0.66 | 0.63 | 0.63 |
| 22 | Tr | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 |
| 23 | Z | 0.919 | 0.919 | 0.931 | 0.931 | 0.934 | 0.934 | 0.936 | 0.936 |

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