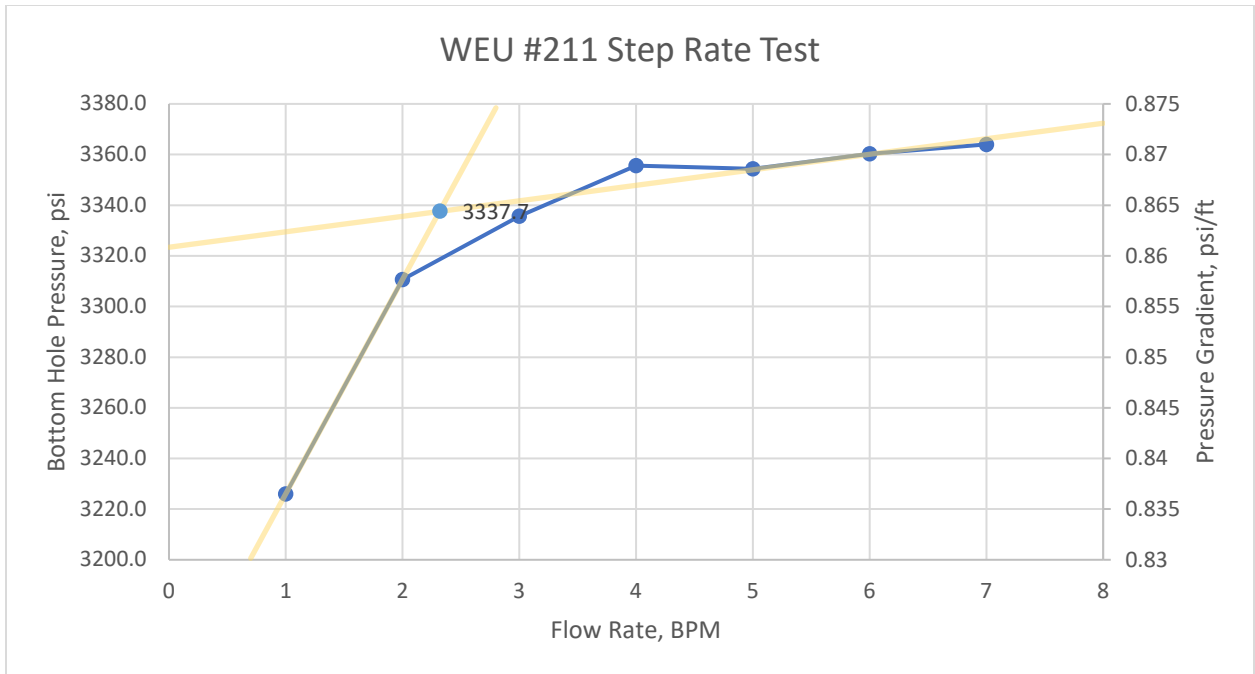




| Rate (BPD)   | 0      | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|
|              | 2650   | 3209   | 3309   | 3335   | 3356   | 3355   | 3362   | 3364   |
|              | 2625   | 3228   | 3311   | 3336   | 3355   | 3354   | 3360   |        |
|              |        | 3241   | 3312   | 3336   | 3356   | 3354   | 3359   |        |
| avg BHP(psi) | 2637.5 | 3226.0 | 3310.7 | 3335.7 | 3355.7 | 3354.3 | 3360.3 | 3364.0 |

$$MSIP = BHFP - \left[ 0.433 \frac{\text{psi}}{\text{ft}} * SG * Depth \right] - SF$$

$$1533 \text{ psi} \cong 3337.7 \text{ psi} - \left[ 0.433 \frac{\text{psi}}{\text{ft}} * 1.05 * 3860 \text{ ft} \right] - 50 \text{ psi}$$

MSIP = Maximum Surface Injection Pressure in psi

BHFP = Bottom Hole Fracture Pressure in psi

SG = Specific Gravity

Depth = Depth to top perf in ft

SF = Safety Factor in psi