

Pressure Rise (ΔP) during Recent High Intensity Stores

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|--------|-----------|-----------|-----------|
| #4377: | B = 48e+9 | Y = 46e+9 | (Jan. 24) |
| #4431: | B = 54e+9 | Y = 48e+9 | (Jan. 31) |
| #4436 | B = 51e+9 | Y = 48e+9 | (Feb. 2) |

ΔP @ Transition

| | | |
|---------------|----------------------------|---------------------|
| #4377: | G11 ($\Delta P = 0$) | < G1 < G7 < G5 < G9 |
| #4431: | G11 ($\Delta P = 3e-11$) | < G5 < G7 < G1 < G9 |
| #4436: | G11 ($\Delta P = 1e-10$) | < G7 < G5 < G9 < G1 |
| For all three | G11 < G12 | |

Is NEG @ G11 helped? **Yes**

ΔP @ transition: yo4-pw3.3

ΔP @ injection: bi8-pw3.2, yo1-pw3.2, bo2-pw3.2

Do NEG pipes (between 3.2 & 3.3) helped @ yo1 and bo2?
pw3.1 < pw3.3 < pw3.2 but IPMs are closer to 3.2 and 3.3
bo2 NEG was saturated due to leaks

Don't know!

No ΔP @ other NEG sections (yi2, bi9 and yi10).

Large ΔP during d x Au run?

Do NEG pipes helped? **Yes**