

Ground Truth--Row 2 4500 Points detected 4250 Bressure (psia) 3750 3500 3500 3000 2750 2500 Liquid rate (STB/D) **-**2000 · -4000 -6000 -8000 Points detected -10000 20000 first_order_derivative Points detected <u>1e6</u> second_order_derivative Points detected 700 400 500 600 800 900 1000













