DIP Multiphase Flow Meter

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Co-founder

RTS SERVICES INC.

What DIP can measure

Main

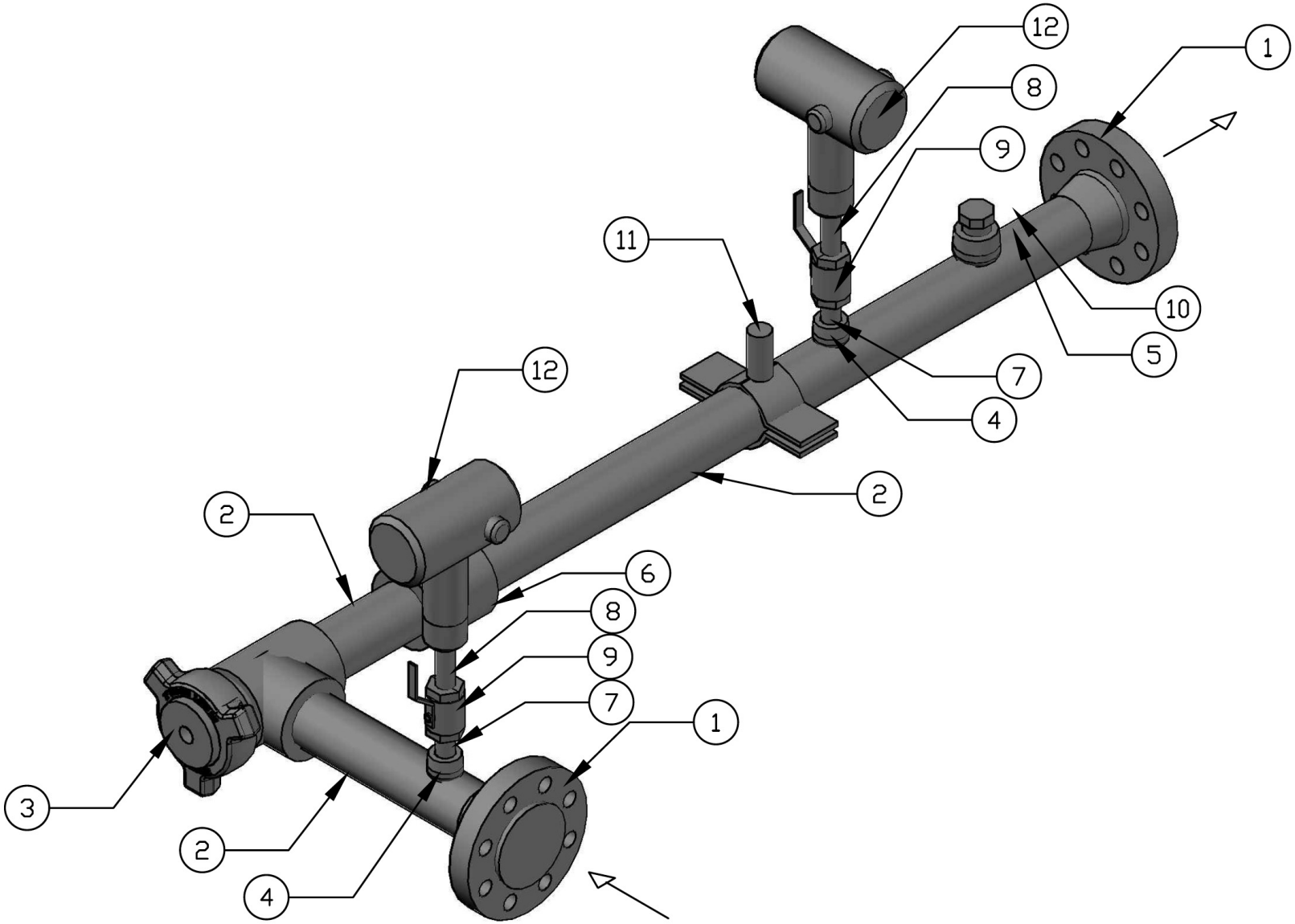
- Gas flow rate
- Oil flow rate
- Water flow rate

Additional

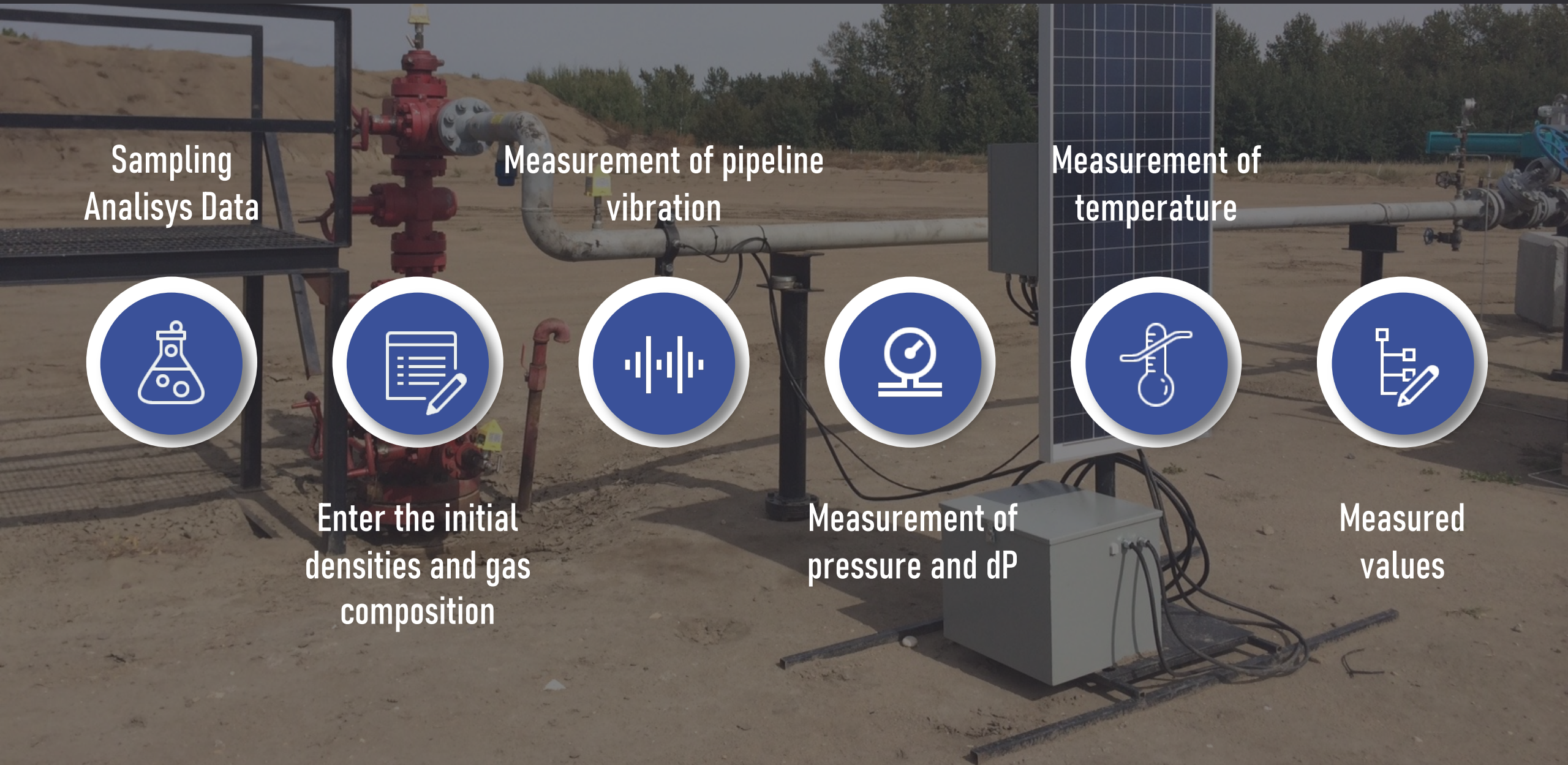
- Flow velocity
- GVF
- Watercut
- Density
- Liquid viscosity (developing)
- Sand rate (developing)

DIP Flow
Computer
DIP Flow
Sensor Spools

DIP Flow Sensor Spool



Method of measurement



Sampling Analisys Data

Enter the initial densities and gas composition

Measurement of pipeline vibration

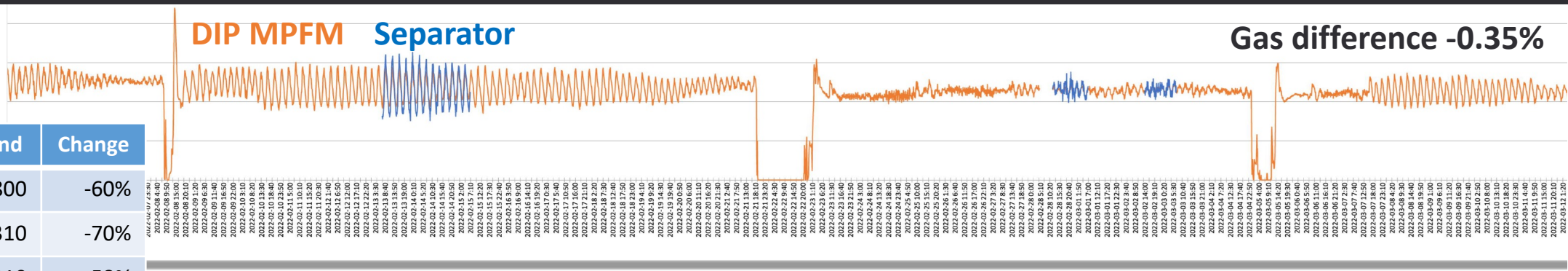
Measurement of pressure and dP

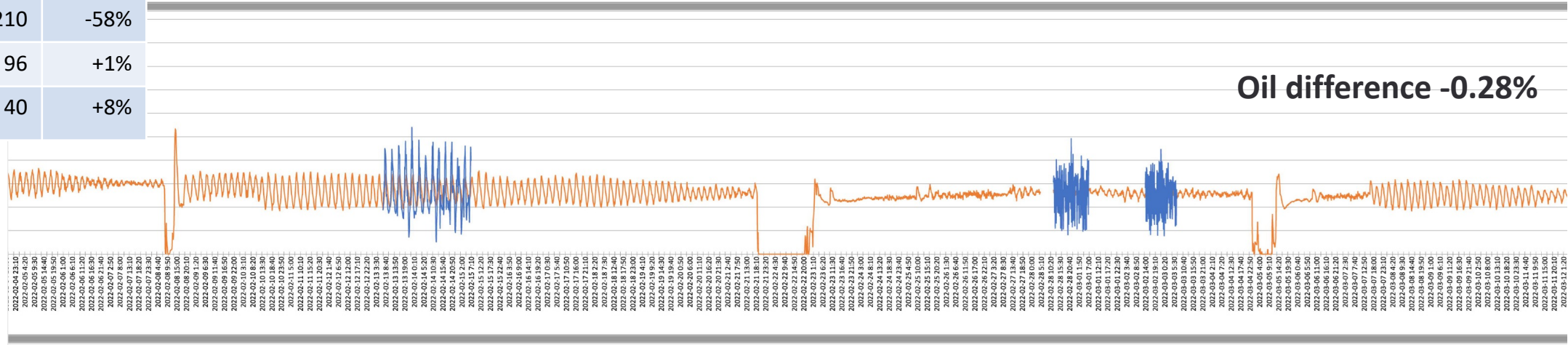
Measurement of temperature

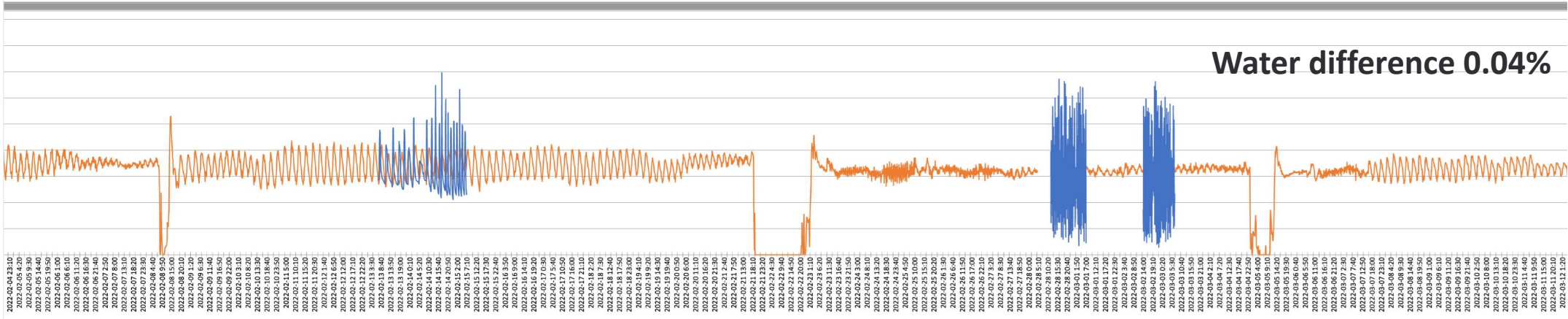
Measured values

Flow rates comparison during 4 months well test (part)

	Start	End	Change
Gas, scf/day	2000	800	-60%
Oil, bbl/day	1050	310	-70%
Water, bbl/day	500	210	-58%
GVF, %	95	96	+1%
Watercut, %	32	40	+8%







Limitations

PETROLEUM TECHNOLOGY

RTS SERVICES INC.

Questions?

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