

Atmospheric gauge tank

Atmospheric Gauge Tank is the vessel designed for temporal storing of the crude oil after the separation in the separator and surge tanks, used in onshore and offshore well testing operations. Being the part of the well testing system, Atmospheric Gauge Vessel mainly used to measure the flow rate and calibrate liquid metering instruments of the test separator. Atmospheric Gauge Tank has inlet and outlet of the crude oil. Oil enters from the surge tank and emptied by the oil transfer pumps.

Atmospheric gauge tank consists of the enforced vessel to ensure proper storage, sight glasses (level gauges) to control oil level, flame arrestors on each vent of the vessel, a grounding strap, and shearing roof to prevent the vessel from overpressure. Nowadays, gauge tanks rarely used in offshore well test operations and replaced by the surge tank. Also, gauge tank is not used in areas where H₂S is presented as this is hazardous to the operation personnel.



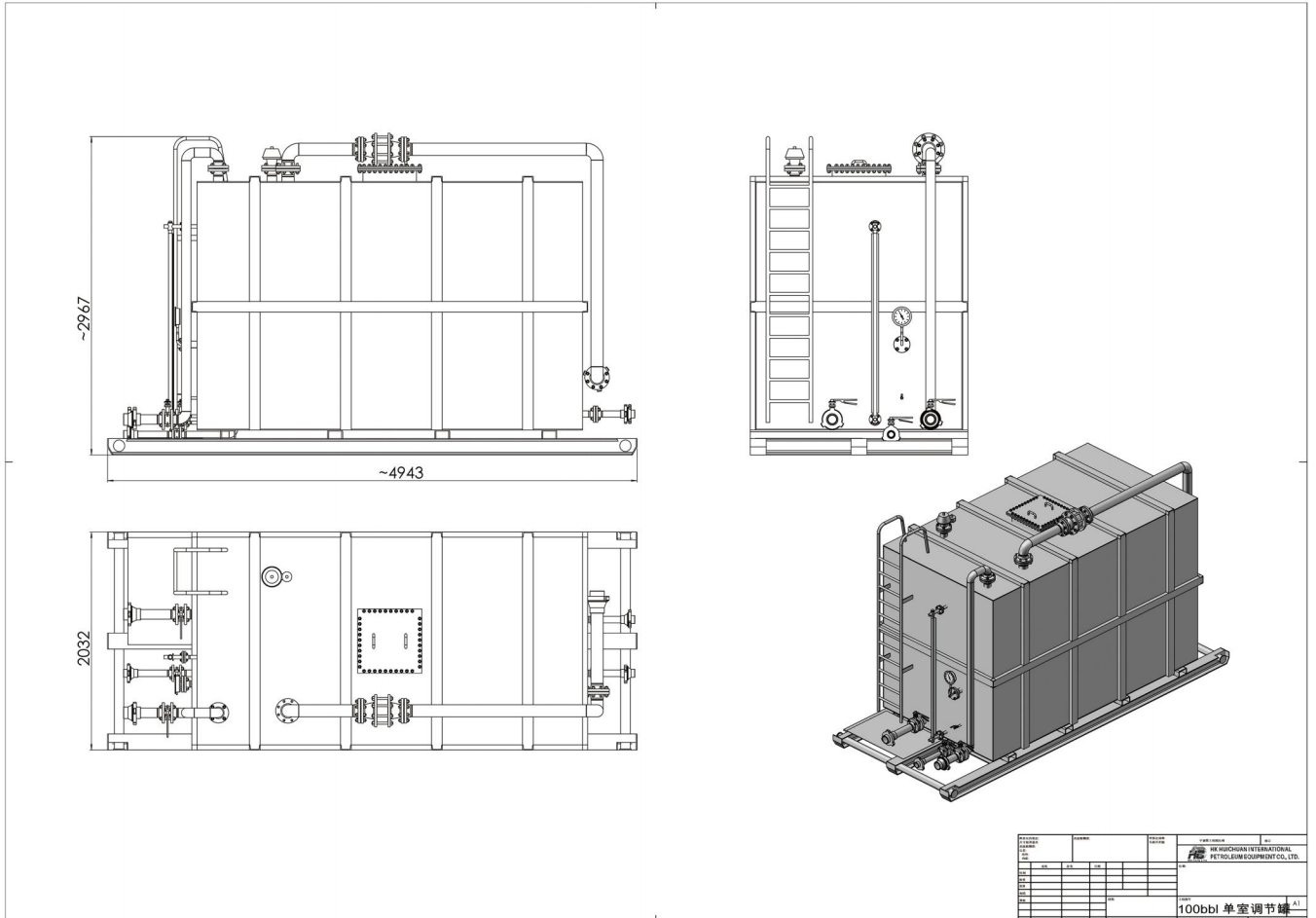
Application

- Well Testing
- Well Clean-ups
- Frack Flowback

Technical Parameters

HC Model Number	HCWT-GT-100-1	HCWT-GT-210	HCWT-GT-500
Capacity	100 bbl	210 bbl	500 bbl
Compartment numbers	Single	Dual	Dual
Service	General	General	General
Pressure	150 psi	150 psi	150 psi
Working Pressure	Atmospheric	Atmospheric	Atmospheric
Inlet	3 inch ANSI 602 WECO	3 inch ANSI 602 WECO	4 inch ANSI 602 WECO
Outlet	3 inch ANSI 602 WECO	3 inch ANSI 602 WECO	3 inch ANSI 602 WECO
Drain	3 inch ANSI 602 WECO	3 inch ANSI 602 WECO	3 inch ANSI 602 WECO
Code	API/ANSI	API/ANSI	API/ANSI
Weight	7000 lbs.	12100 lbs.	21100 lbs.

Technical drawings



Production Photos

