

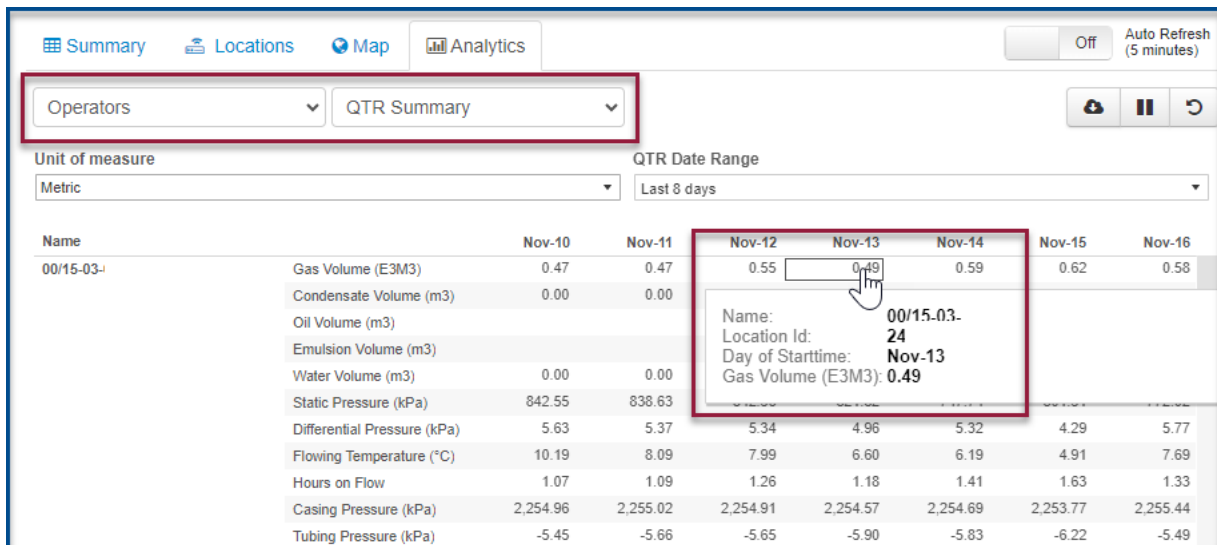
Zedi Analytics

By using Zedi analytics, users can quickly address problems as they emerge or identify underperforming areas of production. Users can reduce time gathering information with a tool that presents the most meaningful and useful production data for Operators, Production Accountants, Engineers, and Measurement personnel.

Understanding your Operator Dashboard

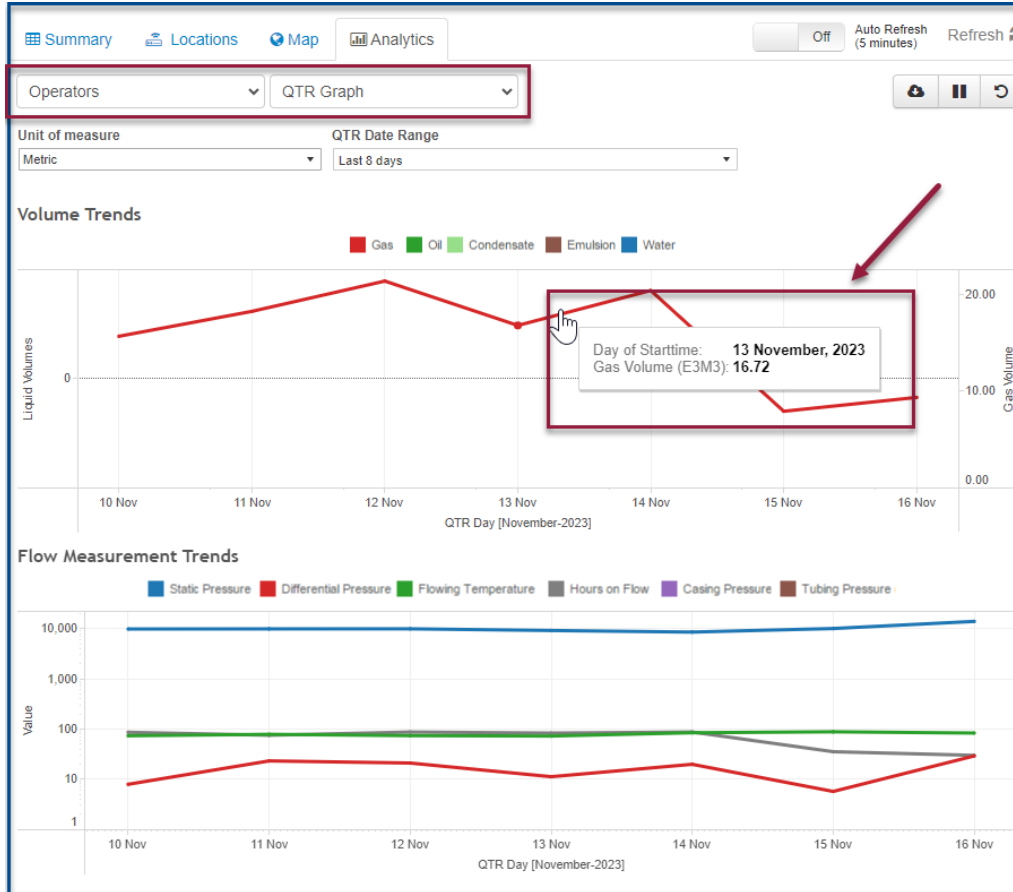
QTR Summary

For operators we have built 24-hour production or QTR (Quantity Transaction Record) summary graphs and alarm events based on locations selected to quickly address and reduce downtime. Within QTR graphs, you have access to cumulative volume trends and flow measurement allowing you to quickly address problems as they emerge or identify underperforming areas of production.



QTR Graph

View volume trends with QTR graphs.



Purpose built for operators is a dashboard based on current alarm and alarm history. This dashboard contains an alarm summary table and history of alarms where you can view past trends to help identify and mitigate potential future problems. This dashboard gives you a quick color coded visual of each group of alarms.

Current Alarms – A breakdown of all alarms from High, Low, Low Low & Other.

Active Alarms (Less than 90 days old)

High High	1
High	4
Low	4
Low Low	2

Alarm Summary

Name	Alarm Type	Sensor	Units	Value	Set Point
02-12-058-23W4M	Low Low	ALARM - FSLL-1050 TRANS..	-	0.00	0.00
		ALARM - FSLL-1725 RECYC..	-	0.00	0.00
CLI	Low	SYS Status	-	1.00	1.00
HEN	High	Injection Gas Meter Diff Press	in H2O	252.00	251.00
Loth	High	Well Status	-	1.00	1.00
North Plant Tank Monitoring	Low	T110 - Signal Quality Matrix		2.92	3.00
		T114 - Signal Quality Matrix			
Pruet	High High	BTU Value			
	High	@GV.ESD_Status			
		GC.GC_1.S1_Wobbe_Raw			
	Low	Differential Pressure			

Alarm Details:
 Alarm Type: Low
 Value: 2.92
 Location Id: 1020053
 Name: North Plant Tank Monitoring
 Sensor: T110 - Signal Quality Matrix
 Set Point: 3.00
 Units: -

Alarm History for North Plant Tank Monitoring

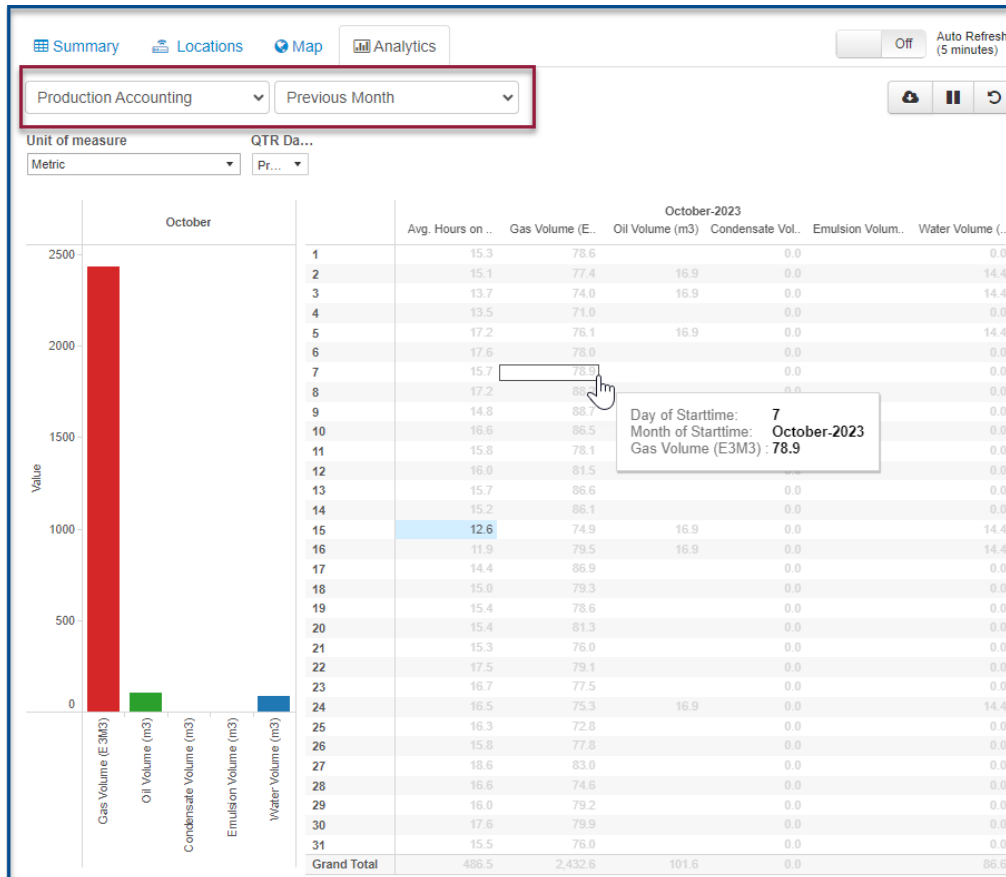
Name	Sensor	Alarm Type	2023											
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
North Plant Tank Monitoring	T102 - Signal Quality Matrix	Low	80	68	35	57	41	118	5	3	14	17	65	25
	T102 - Tank Level	High												
	T103 - Signal Quality Matrix	Low		1										
	T104 - Signal Quality Matrix	Low												
	T105 - Signal Quality Matrix	Low												
	T105 - Tank Level	High												
	T106 - Signal Quality Matrix	Low							1	4				
	T106 - Tank Level	High				1							1	1
	T107 - Tank Level	High											1	1
	T108 - Signal Quality Matrix	Low												1
	T108 - Tank Level	High											1	1
	T109 - Signal Quality Matrix	Low	8	13	1	4	1	3	3	1	1	1	1	

Alarm Count Summary:
 North Plant Tank Monitoring
 T102 - Signal Quality Matrix alarm count
 For May - 2023 : 118

Understanding your Production Accounting Dashboard

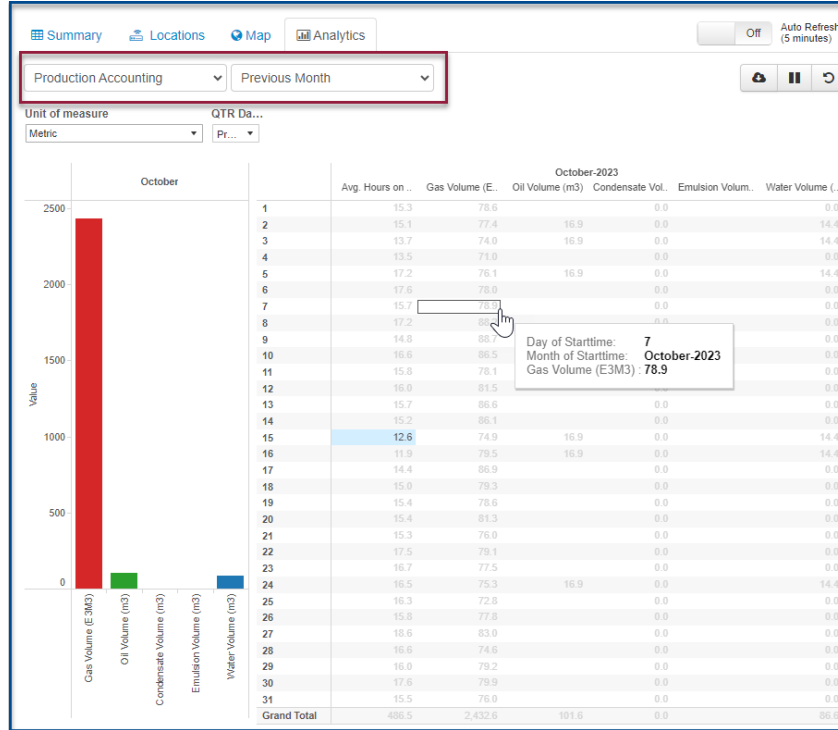
For Production Accounts we have two dashboards that provide monthly views of production data. The first dashboard generates a month to date production dashboard for you to easily identify anomalies in production data numbers from previous months.

Month to Date – Running totals in tabular format for whatever wells selected from the Well Tree Hierarchy.



Our second production accountant dashboard, the production breakdown dashboard, provides prebuilt easy-to-understand graphs and charts to access your production data faster and to help you trend and solve problems quicker.

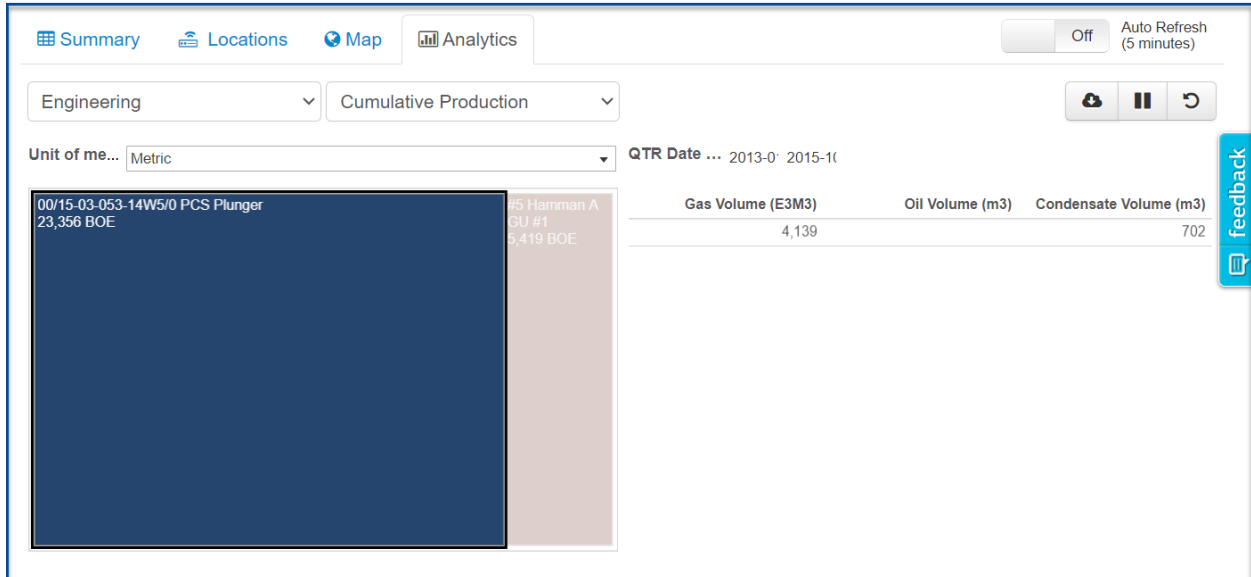
Production Breakdown – Breakdown of how each well is producing by month.



Understanding your Engineering Dashboard

For engineers a cumulative production and volume trend provide a running total of production and allows you to see how a single well or group of wells are performing. Historical well performance trends allow for forecasting future performance and easily identifying top producing wells.

Cumulative Production – Top 10 wells and performance based on BOE



Gas Composition Import Dashboards

The Gas Compositions are displayed in the dashboards. These are designed to help support the user by providing info for set up and verification of importing GCs. These dashboards are located on the 'Analytics' tab of Zedi Access under the name 'Gas Composition Imports'

1. SCADA Location Compatibility – Detail listing of devices you have permissions to seeing on Zedi Access and whether they are supported or unsupported for bulk GC import.
 - a. Protocol Summary – tally/summary of supported vs unsupported devices by communication protocol

The screenshot shows the 'SCADA Location Compatibility' dashboard. At the top, there are tabs for Summary, Locations, Map, and Analytics. Below the tabs, there are dropdown menus for 'Gas Composition Imports' and 'SCADA Location Compatibility'. A '1' in a circle highlights the 'SCADA Location Compatibility' dropdown. Below the dropdowns, there are filters for Protocol, Device Status, and Is Supported?. A table with columns for Serial Number, Device Status, Protocol, Shortname, and Zedi ID is visible. A dropdown menu is open over the Zedi ID column, showing a list of supported and unsupported devices. A 'feedback' button is visible on the right side of the dashboard.

2. New Locations – list newly commissioned sites onto Zedi Access

The screenshot shows the 'New Locations' dashboard. At the top, there are tabs for Summary, Locations, Map, and Analytics. Below the tabs, there are dropdown menus for 'Gas Composition Imports' and 'New Locations'. A '2' in a circle highlights the 'New Locations' dropdown. Below the dropdowns, there are filters for Date Created, with a dropdown menu set to 'Last 30 days'. A date range selector is visible, showing '2023-10-12 to 2023-11-10'. A table with columns for Serial Number, Device Status, and Protocol is visible. The table shows several rows of data, including Serial Number 1064585 and Device Status Online.

- Gas Composition Write Status - details the success or failure of the gas composition writing out to the device.

Gas Composition Write Status

Effective Date: November-2023

Import Date: (All)

Status: (All)

Effective Date	Import Date	Write Date	Imported By	Location Name	Zedi ID	Write Status
November 2, 2023	November 2, 2023	5 November, 2023		02-11-08	6	Failed
				10-27-078	6	Failed
		3 November, 2023		00/02-03	5	Applied
				00/03-18	5	Applied
				00/11-07-050-04110/04-10	007770	Applied

- Upcoming Gas Composition Writes - this outlines a list of GCs that are waiting for the effective date/start date to roll around before the GCs are written to device

Upcoming Gas Composition Writes