

FLOWQOUNTTM



UNIFICATION OF RESERVES TO REVENUE

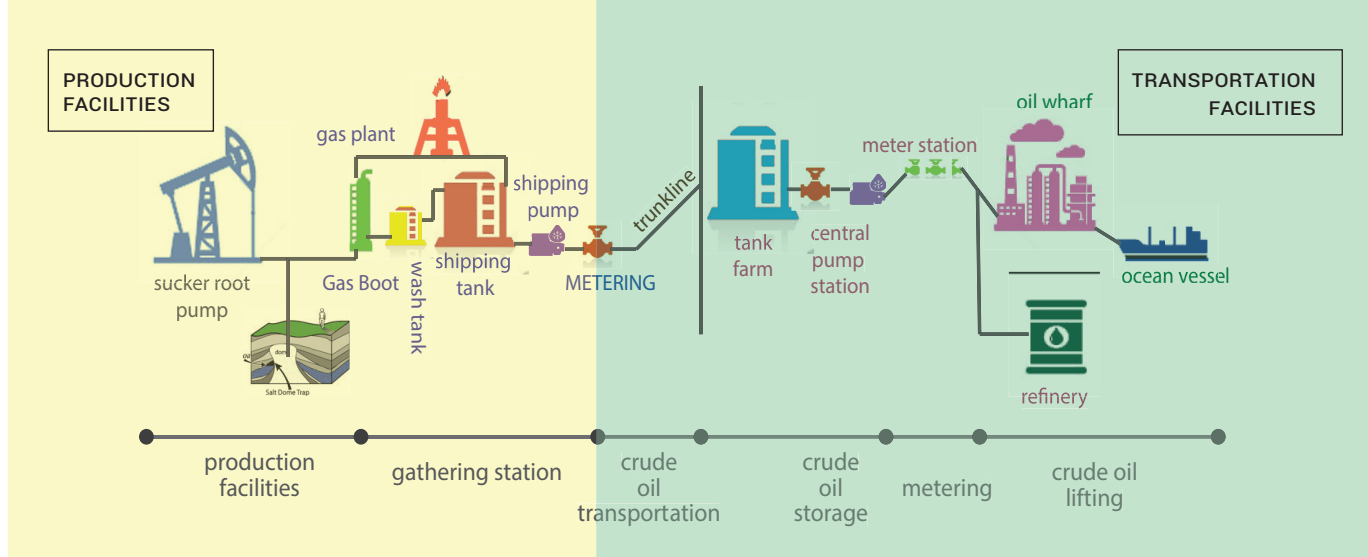
FlowQount (FQ) is flow quantity accounting system. It is approach for determining points of measurement, reading, recording, processing, and reporting production quantitative information. The approach delivers common and consistent pattern across variety of oil and gas fields that makes production quantity reasonable assurance possible.

REDEFINE TERMS OF 'HYDRO CARBON ACCOUNTING'

FQ is not merely only a HydroCarbon Accounting (HCA) but it provides oil and gas production quantity reasonable assurance. The common and consistent approach used enables production data verification of upstream oil and gas operating asset. This will shift the main focus of current understanding of HCA to a point where it matters to the business, revenue.

POWERFUL MODELING FEATURES

FQ main strength is at its modeling capabilities. Model consist of fluid flow diagram and metadata parameter. It can model your process stretch from lifting point to well head, even to the reservoir. The modeling can be on high level or it can be detailed to any layer



that suits your needs. The modeling becomes a powerful tool to enable all of your stakeholders to have the same perspective of the process flow, what information recorded at which point within the network and how the information is generated. Hence, full collaboration, analysis and reporting can be performed in efficient and effective manner.

DATA INTEGRATION

FQ integrates the perspective of multi functions toward the upstream oil and gas operating asset from reserve potential to lifting/sales actual. FQ serves as Online Transactional Processing system and also as Online Analytical Processing system. Example of data integrated within FQ such as:

- PVT information at any nodal within fluid network
- Well test data
- Production operation activity data
- Node properties e.g. well, equipment, facility, reservoir, processing plant, terminal, etc.

ENABLES CONTINUES IMPROVEMENT

FQ with its modeling tools enable you to expand your model both horizontally and vertically according to the readiness of your production operation processes. This provides a platform for continues improvement with minimum effort and cost and able to react quickly and swiftly to whatever change that may be required.

FLEXIBLE, SCALABLE AND QUICK IMPLEMENTATION

FQ can adapt to any field type operation situation and condition; on-shore operation, off-shore operation, sharing facility asset, multi operator entity, modern or conventional field type operation.

FQ can be implemented with limited information of asset configuration and can be broken down into lower level of detail whenever further information of asset configuration is available.

The asset and its operational arrangement is configured through modeling feature. Any changes to asset model are dynamically applied and reflected to the operational module via confirmation mechanism. This approach shortens solution deployment time to the business, hence reduce system implementation risk.

UTILIZES PRODML AS STANDARD NOTATION FOR DATA EXCHANGE

PRODML (Production Markup Language) is an industry initiative released by energistics to provide open, non-proprietary, standard interfaces between software tools used to monitor, manage and optimize hydrocarbon production. This translates into enabling the development of plug compatible software by energy sector vendors as well as energy companies. The PRODML standards form a framework within which energy companies can configure processes related to operations, optimization, reporting, and/or information management.

FQ does not only comply to PRODML standard, but it is developed based on PRODML standard. Therefore FQ is able to fully harness benefits of PRODML providing increased efficiency and effectiveness while reducing cost and risk.

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