

uzmaLAB

Uzma has an established track record in integrated reservoir and production simulation studies carried out by the Geosciences and Petroleum Engineering group. With the establishment of our laboratory facility in Shah Alam, Uzma also provides actual laboratory data to support integrated reservoir characterization and modeling studies (formation evaluation, reservoir development, reservoir engineering models, hydrocarbon recovery predictions).

- Laboratories in Malaysia and Indonesia
- Affiliations with many other laboratories worldwide to provide state-of-the-art specialized services
- In-house specialists and affiliates worldwide

Our Services

Uzma Laboratory Services

Core and cuttings samples are the only direct source of data from subsurface reservoirs. Laboratory testing and analysis provides critical information for accurate reservoir characterization and reservoir evaluation and the development of optimum reservoir development and management strategies. The more completely the properties of oil field reservoir systems are understood, the more oil and gas these fields will ultimately produce.

Uzma with its Technology Partner PT Geoservices offers a full range of laboratory services including Routine Core Analysis, Special Core Analysis, Reservoir Geology, Stratigraphy, Petroleum Geochemistry and Reservoir Fluids/PVT. We provide fully integrated services from single well and multi-well laboratory studies to regional basin and reservoir characterization and modeling studies together with Uzma's Geosciences and Petroleum Engineering group.



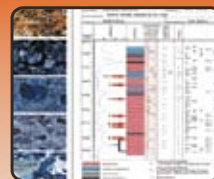
Routine Core Analysis

- Core Handling (including wellsite)
- Core Preservation
- Digital Imaging
- Core Gamma
- Porosity (storage capacity)
- Permeability (flow capacity)
- Profile Permeametry
- Fluid Saturations



Special Core Analysis

- Electrical Properties
- Wettability
- Capillary Pressure
- Waterflood
- Relative Permeability
- Formation Damage
- Rock Mechanics



Reservoir Geology

- Sedimentology/Core Description
- Petrography
- XRD
- SEM
- Reservoir Characterization



Stratigraphy

- Micropaleontology
- Calcareous Nannofossils
- Palynology/ Palynofaces
- Regional Correlation and Facies Analysis
- Sequence Stratigraphy



Geochemistry

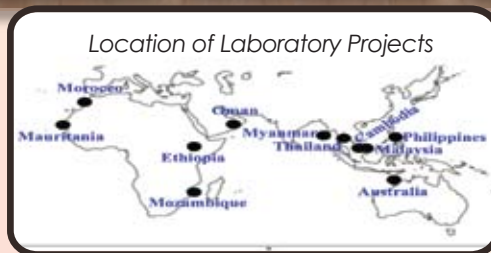
- Source Rock Assessment
- Maturity Analysis
- Oil and Gas Properties
- Fluid-Source Relationships
- Basin Modeling



Reservoir Fluids/PVT

- Compositional Analysis
- Physical Recombination
- Constant Composition Expansion (CCE)
- Differential Liberation
- Constant Volume Depletion (CVD)
- Separator Tests

For more information, please visit us at www.uzmagroup.com



Robert Hulsbos gained his BSc and MSc degrees in geology from the Free University in Amsterdam. He has extensive experience in laboratory services and regional basin studies having worked in the oil and gas industry for over 25 years in countries like Libya, Indonesia, Malaysia and the UK. Robert Hulsbos is currently Manager Laboratory Services of uzmaLAB.