DATALOG
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Datalog has wide experience in performing integrated reservoir modeling and integrated FDP in different types of reservoirs within different countries. (Sudan-Yemen-Egypt-Kurdistan- Iraq- Qatar-Kuwait-Pakistan and India)

Sandstone Reservoirs: applying new technique in capturing facies heterogeneities by implementing 3D facies Well Correlation and deterministic facies distribution based on all the data available from core data, Reservoir production and engineering SCAL parameters. Specialist in capturing facies distribution in *ARG, Baharyia and AEB WD- Egypt*, moreover capturing the sand distribution in continental and lagoonal facies in Sudan. Also the tidal complex reservoir in Assam Basin- India
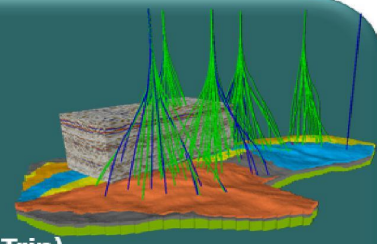
Fracture Basement: Wide experience in capturing the fracture analysis and DFN workflow in different field as *Byoot field (Yemen)*. Whereas FMI, Core, Mud logs, Seismic and all the other parameters were used to capture the fracture network based on basemen facies types and with new technique of combining Seismic attribute by fracture conceptual facies model

Carbonate Reservoir: Since most of the core description and facies logs described by using Dunham Classification whereas, it is avoiding the facies type and conceptual model. A new technique can be used to link between Dunham rock types and the location of these facies type in each Carbonate environments. Also the fracture network will be used combine with facie analysis to build a real static model (Ras fanar- Egypt). Alamen WD and other fields in Pakistan

Customized Workshops

1- Facies Analysis By Wireline Logs
2- Geology Of Egypt (Ain Sukhna As Field Analogy)
3- Rift tectonics and petroleum system (GOS . Field Analogy)
4- Inversion and Petroleum System (WD as Field Analogy)
5- ARG & Baharyia Formation Facies Analysis (One Day field Trip)
6- Deltaic Facies Analysis and Modeling (One day field trip)
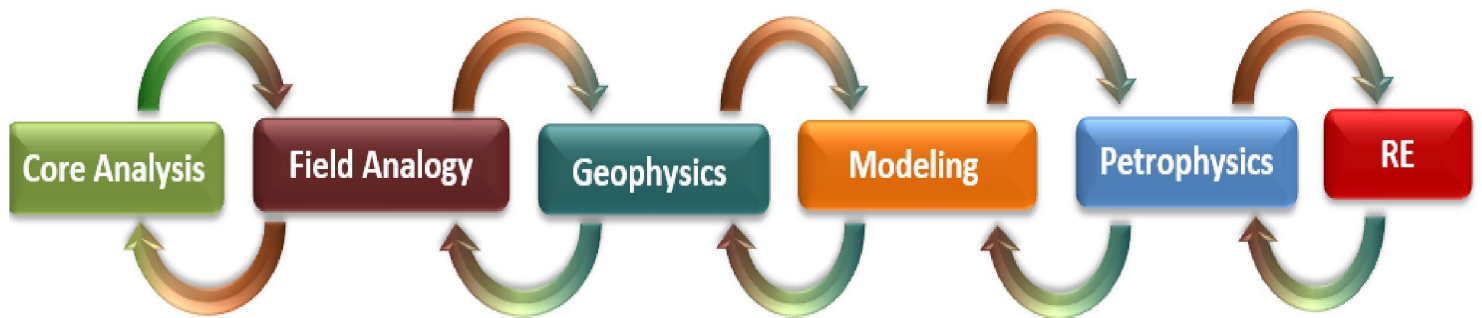7- Reefal Ls Facies analysis and Modeling (Wadi Gharaza field analogy)

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Mud Logging / Core Analysis / Rock Mechanics / Sedimentology / Training and Consultancy
Integrated Workflow Program

Integrated Workflow program

(Static – Dynamic –FDP)

Core Analysis → **Field Analogy** → **Geophysics** → **Modeling** → **Petrophysics** → **RE**

Core Analysis

1- Basic Conv.Core Analysis **DL-C1**
2- Special Core Analysis **DL-C2**
1-Advanced Conv.c Core Analysis **DL-C3**
2- Advanced Special Core Analysis **DL-C4**

Geophysics

1 - 3D Seismic Attribute for prospect identification and RC **DL-G1**
2- Seismic reflection of rock properties
3- 3D AVO "Lithology" **DL-G3**
4- Velocity modeling **DL-G4**
5- Advanced Seismic Interpretation **DL-G5**

Petrophysics

1 – Petrophysics for Unconventional Reservoir **DL-P1**
2- Shale Sand Petrophysics **DL-P2**
3- Advanced open Hole Logging **DL-P3**

Field Analogy

1 – Ain Sukhna Workshop **DL-F1**
2 – Baharyia Workshop **DL-F2**
3 – Esh El mellaha Workshop **DL-F3**
4 – Qasr El Sagha & Qatrani Area Workshop **DL-F4**
5 – Applied Sequence Stratigraphy and Facies analysis **DL-F5**

Modeling

1 –Carbonate Reservoir Modeling Workshop **DL-M1**
2 –Clastic Reservoir Modeling Workshop **DL-M2**
3 –Fracture Reservoir Modeling Workshop **DL-M3**

RE & Others

1-Link Between Static/Dynamic **Dl-R1**
2-Geology for RE **DL-R2**
3- Formation Damage Examination, Diagnosis and Prescription **DL-R3**

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Mud Logging / Core Analysis / Rock Mechanics / Sedimentology / Training and Consultancy
Customized Training Courses

Workshops Schedual Fees

	Workshop Name	Code	Fees $		
			In House	Cairo	Sukhna/Sharm
Core Analysis	Basic Conv.Core Analysis	DL-C1	Per Quote		
	Special Core Analysis	DL-C2			
	Advanced Conv. Core Analysis	DL-C3			
	Advanced Special Core Analysis	DL-C4			
Field Anology	Ain Sukhna Workshop , concept and Field Anology	DL-F1	Per Quote		
	Baharyia Workshop, Concept and Field Anology	DL-F2			
	Esh El Mellaha Workshop, Concept and F. Anology	DL-F3			
	Fayoum Concepual Model	DL-F4			
	Applied Sequence stratigraphy and Facies Analysis - Su	DL-F5			
Geophysics	3D Seismic Attribute for RC &prospect identification	DL-G1	Per Quote		
	Seismic reflection of rock properties	DL-G2			
	3D AVO "Lithology"	DL-G3			
	Velocity modeling	DL-G4			
	Advanced Seismic Interpretation	DL-G5			
Modeling	Carbonate Reservoir Modeling	DL-M1	Per Quote		
	Clastic Reservoir Modeling	DL-M2			
	Fracture Reservoir Modeling	DI-M3			
Petrophysics	Petrophysics for Unconventional Reservoir	DL-P1	Per Quote		
	Shale Sand Petrophysics	DL-P2			
	3- Advanced open Hole Logging	DI-P3			
RE & Others	Link Between Static/Dynamic	DL-R1	Per Quote		
	Geology for reservoir Engenners	DL-R2			
	Formation Damage Exam., Diag. and Prescription	DL-R3			