



“GPC 2023 Workshop” Go to Green-Sustain Oil Gain

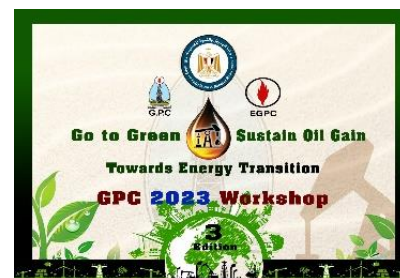


Proposed Date: October 21th, 2023 to October 23th, 2023.

Organizer: The General Petroleum Company (GPC)

Venue/ Location: Bakr Field, Ras Gharib-Eastern Desert.

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Objective: - GPC 2023 workshop is designed to discuss the state of the art technologies and ideas aiming to make oil and gas fields more green and sustainable and to discover the proper path to energy transition success

Global energy demand is growing faster than renewable resources, driving strong demand for generation from fossil fuels. Renewables are expanding quickly but not enough to meet the strong rebound in global energy demand.

Since green energy costs are still high and not at stable levels, relying on fossil fuel will continue. Now betting is on technology evolution to overcome challenges of green energy. In the medium term, Natural gas is seen to play a major role supporting the transition to net zero energy systems.

Workshop Guidelines: -

1. Only abstract, 1 page is required before the workshop.
2. No written manuscript is required.
3. Only power point presentation is required for presentation, 20-25 min, no specific format is needed.
4. Presentation should be shared by Geoscientist and Engineering disciplines.
5. Limited area for equipment and new technologies exhibition are available.
6. Workshop Agenda will be available after reviewing and screening the abstracts.

Suggested Topics

I- AI and digital transformation in Energy Industry

1. Digital transformation and AI, towards sustainable growth
2. Applications of AI in field operations
3. Innovated technologies in Exploration
4. Machine Learning in Exploration
5. Digital information and oil/gas business value

II-Energy transition and decarbonisation (Greening Oil & Gas Fields Operation)

1. Nonexplosive technology
2. Energy efficiency and sustainability.
3. Zero flare, maximizing benefits from flared gas.
4. Clean oil & gas fields operations, emission reduction.
5. Industrial wastewater treatment.
6. Improve operation efficiency

III-Unconventional resources development

1. Unconventional resources characterization and modelling.
2. Drilling and completion challenges and lessons learnt
3. Open & Cased hole logging in unconventional.

IV- Exploration challenges in Frontier Basins

1. Surface and subsurface, integration geological data.
2. Regional & Basins modeling.
3. New exploration concepts.
4. Advanced technology in deep horizons exploration

V- Gas exploration and production as a bridge for decarbonization

1. Tight Gas reservoir Development.
2. Smart drilling, completion & development in gas fields
3. Small Gas fields developments

VI- EOR and Completion Technologies

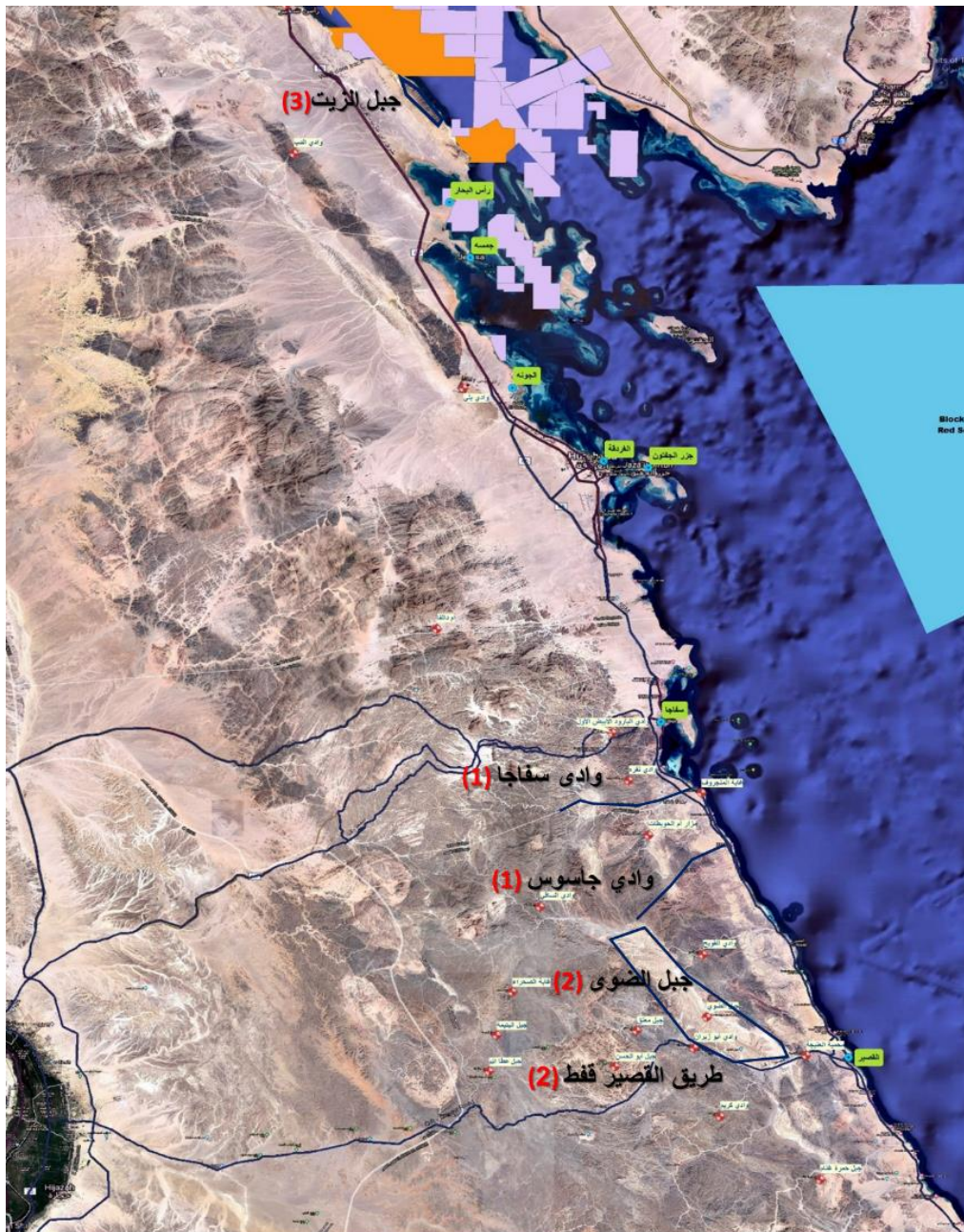
1. Water flooding
2. New production technologies.
3. Artificial lifting.
4. Frac technology.
5. Chemical EOR applications.
6. Sand control and Sand management.
7. Production Enhancement in Tight Reservoirs
8. Jet Pumps

❖ Wrap up Sessions

The workshop program will also include: -

- Panel Interview to discuss Greening Oil and Gas fields.
- Three Days pre-workshop field trip to the Southern Part of GOS and Red Sea areas.)
- Area of interest: Four main areas will be visited and studied during the three days,

G. El Zeit structural block, wadi Safage, wadi Gassus, Red Sea coastal plain, Gebel Duwi, Quseir - Qift road. The objective of the trip will be covered through selected stations in the recommended areas.



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