



“GPC 2022 Workshop” Brown Fields Rejuvenation “Maximizing Production & Recovery”



Proposed Date: October 9th, 2022 to October 11th, 2022.

Organizer: The General Petroleum Company (GPC)

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

<https://maps.app.goo.gl/vnxgavAMnZwhokRP6>

Objective: - The majority of oil fields in Egypt are brown fields, the production from good quality reservoir rock are steadily declined. Low grade reservoir facies that are penetrated in old fields are either not recognized or in production in some locations with low production rate. The main objective of this workshop is to share knowledge, success stories and innovative ideas and techniques to increase production from brown fields at optimized cost by adding new productive zones utilizing fit-to-purpose technology.

Suggested disciplines:

1. Case studies and learned lessons tested as successful productive examples.
2. New technology applications for better understanding the nature of tight and unconventional reservoirs.
3. Different approaches to evaluate drilling, completion, production and stimulation.

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. Slabbed cores or diameter core samples could be shown up to demonstrate Tight and unconventional reservoir quality.
6. Limited area for tool exhibition is available.
7. Workshop Agenda will be available after reviewing and screening the abstracts.

Suggested Topics

1. Business Impact of GPC 2021 Carbonate Workshop

Success Production stories from carbonate reservoir after GPC 2021 Carbonate workshop.

2. Unconventional & tight reservoirs evaluation

- Low Resistivity Pay.
- Tight Clastic and Conglomeratic Reservoir.
- Tight Carbonate Reservoir.

3- Reservoir Stimulation

- Advances in Acid Stimulation
- New fracturing technologies (frac. sleeve, multi stage,)

4- Formation Damage

- Wettability alteration and its effect on production
- Chemical application to alter wettability
- Drilling fluids and solids control to minimize formation damage.
- Underbalance drilling

5- Production Technology

- Smart Completion.
- New perforation technology (wireline & TCP).
- Sand Control case studies (gravel pack, sand bond,.....)
- Non-metallic Pipelines.

6- Digital Oil Fields

- Data transfer and field digitalization.
- Machine Learning.
- Multiphase meters
- SCADA telemetry system
- Case studies.

7- New Opportunities in Brown Fields

- New exploration plays.
- New added reservoir zones.

❖ Wrap up Session

Notes:

- No participation fees.
- Dress code: Smart Casual or Semi-formal.
- Arriving to Bakr field on Sunday 9th October, 2022 @ 9:00 am.
- Accommodation for sister companies in Bakr camp whenever available.
- Workshop sponsorship is accepted from IOC's and Service Companies.