SPE-Iran Section Technical Workshop

Gas Field Reservoir Management
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This course will:

o Provide a solid technical overview on the current state of managing diverse group of gas fields (Big gas, gas condensates, unconventional gas, tight gas, etc.) Increase the knowledge and level of understanding of the impact of gas field management on business delivery

o Provide attendees with examples of best gas management practice, that will enable them to:
  o Improve their understanding of tools to optimize production performance
  o Identify reservoir recovery mechanisms and how to optimize recovery factor
  o Discuss how to assess risk and uncertainty in gas reservoir management and how to devise a surveillance plan to mitigate risks

The target audience should be:

o "Experienced RE/PE/Geos who have well and reservoir expertise in gas fields or team leaders/managers who influence decisions
o Multi-discipline subsurface and operations (facilities)
o Max 25 attendees.

Class structure

o 50/50 information into room by class leaders and attendees / interaction working session follow up
o Reinforce good practices – positive/negative examples
o Guidance – all attendees must contribute

Contents:

o PVT Properties and Gas Reservoir Categories
o Reserves Classification
o Well Performance, PTA and completion efficiency
o Gas Condensate Fields
o Gas fields with oil rim
o Unconventional Gas Resources, Tight gas
o Performance data Analysis, Profile Prediction, and forecasting
o Surveillance Planning in Gas Field Management
o Integrated Asset Modeling, IAM
o Production issues (deliquefication, erosion, etc.)
o Gas Reservoir Risk and Uncertainty
o Case Studies, Gas Analogues
o Commercial Overview (LNG, LPG, etc.)