UNIVERSITY of HOUSTON
ENERGY INDUSTRY PARTNERSHIPS

BRINGING **VALUE** TO THE ENERGY INDUSTRY

LOOKING TO RECOVER MORE OIL?
BUILD A PARTNERSHIP WITH THE UNIVERSITY OF HOUSTON

UH's Energy Industry Partnerships (EIP) team will:

- Partner with **your asset** team to optimize production and **maximize value**
- Develop **integrated solutions** by following a multidisciplinary team (MDT) approach
- Provide **expertise** for conventional and unconventional fields

INNOVATIVE IRAM™ WORKSHOP

Practical workshop on **Integrated Reservoir Asset Management (IRAM™)** to identify:

- Critical challenges
- Improvement opportunities
- Lessons learned
- Best practices

? WHAT DOES IT COVER?

- A thorough discussion of practical aspects of IRAM
- Integration of subsurface, surface, wells, and operations (MDT)
- Data acquisition, integration, analysis and management
- Production and injection performance analysis
- Surveillance, analysis and optimization
- IOR / EOR, infill drilling, well types, completions technology
- Facilities planning and discussion
- Economics/Risk analysis, Uncertainty Management Plan (UMP)

◎ WHAT ARE THE DELIVERABLES?

- A clear picture of SWOT
- A "first-pass" FDP
- Identification of additional opportunities
- Short and long-term action plans
- Focused competency development (technical and interpersonal)

👥 HOW WILL YOU BENEFIT?

EIP team will work closely with your MDT on your field, utilizing all available information to:

- Develop a roadmap for immediate and long-term success
- Nurture collaboration and foster continuous learning

📅 HOW LONG?

- 1-3 WEEKS (customized for asset need)

EIP FOCUS AREAS

- Integrated reservoir characterization and simulation
- 3D and 4D seismic for identifying bypassed oil
- IOR – waterflood and infill drilling
- CO_2 – EOR pilot and field applications
- Unconventional field development and management
- Wells: Placement, multi-stage fracturing, completions
- Production and injection optimization

AREAS OF GROWTH

- IOR/EOR of unconventional hydrocarbons
- Shale gas and tight oil
- Data mining and analytics
- High performance computing for simulation

EXPERTISE

Dedicated team under the leadership of world renowned mentor and technical advisor, Ganesh Thakur, PhD, MBA, NAE, with over four decades of hands-on experience on projects in 30 different countries.

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