

FAN-AZMA



INTEGRATED LABORATORY TESTING

&

ANALYSIS

OIL & GAS RESERVOIR

FAN-AZMA is a group of Iranian companies consisting of the following members:

- ❖ **A**zmouneh Foolad
- ❖ **F**ollowrd industrial projects
- ❖ **N**amvaran upstream
- ❖ **P**etro Azma

FAN-AZMA provides wide range of laboratory services for testing reservoir rock and fluid and interpreting the result for reservoir analysis.

The laboratories are located in Shiraz , Esfehan and Karaj equipped with testing facilities

- Porosity
- Liquid/Air Permeability
- Two Phase Relative permeability
- Electrical Properties (α , m , n - @desired P&T)
- Capillary Pressure (Centrifuge)
- EOR/IOR Core Flooding (oil/gas flooding @desired P&T)
- Minimum miscibility pressure (Slim Tube, VIT)
- HPHT imbibition (@desired P&T)
- Viscosity (Capillary Tube/Rolling Ball @desired P&T)
- Wettability
- Interfacial tension and contact angle (@desired P&T)
- PVT Analysis
- Formation Damage Analysis (@desired P&T)
- Three axial stress test at reservoir condition (15,000 psi & 140°C)





- Unconfined stress test
- Hydraulic fracturing test
- Biot coefficient
- Acoustic Wave Velocity
- Uniaxial and three axial creep test
- Fracture toughness

Project Experiences

- ◆ South pars gas (Geo-mechanics)
- ◆ Salman (Geo-mechanics)
- ◆ Soroosh (Geo-mechanics)
- ◆ Yaran (Geo-mechanics)
- ◆ Mansouri (Geo-mechanics)
- ◆ Ahmadi (UGS Study, Geo-Mechanics, RCAL & SCAL)
- ◆ Miscellaneous RCAL, SCAL and Rock Mechanics Projects
- ◆ Kangan (Saline Water Source Detection)
- ◆ Setting Up Several Core Analysis Labs
- ◆ RCAL & SCAL studies for Mansouri oil field
- ◆ RCAL studies for Tabnak gas field
- ◆ SCAL studies for Kupal oil field
- ◆ SCAL studies for Gadvan and Fahlian formations

FAN-AZMA



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