



# Project Profile

## Syria, 2007-2008



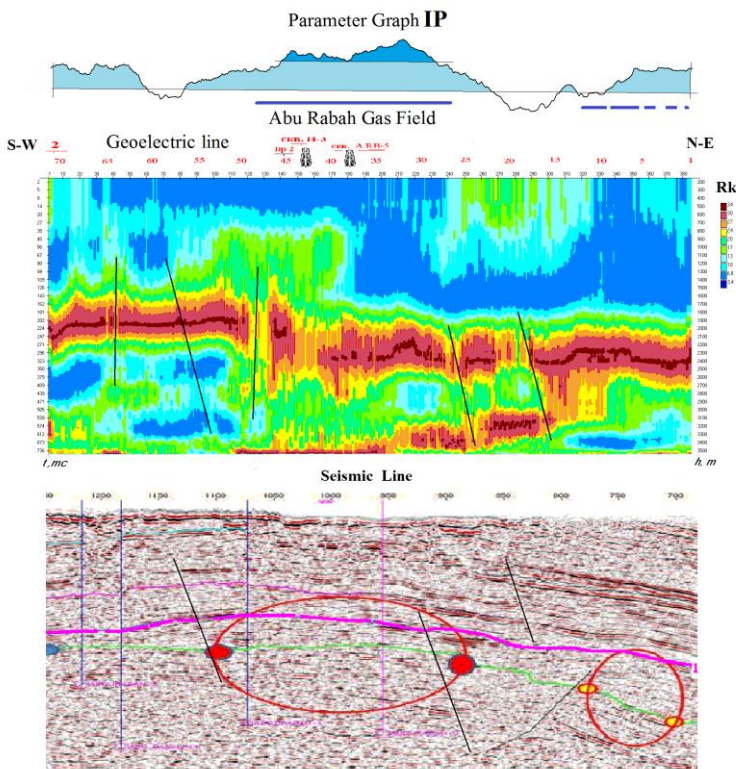
**Target** High Resolution Electromagnetic survey for prospects ranking and exploration risk reduction

**Country** Syria

**Regions** Lattakia and Homs

**Areas**

**Client** Syrian Petroleum Company



Profile 1. Homs, Syria. Abu Rabah Gas Field

### GEOLOGICAL OBJECTIVES

1. Anticline traps, Clastic reservoirs
2. Stratigraphic traps, channels, deltas
3. Producing fields monitoring

### SCOPE OF SERVICES:

Integrated set of three TDEM-IP electromagnetic methods was applied:

- I- Induced Induced Polarisation- **IIP**,
- II- Second Seismo Electrical Effect - **SSEF**,
- III- Induced Polarisation -**IP**.

### TECHNIQUES

Dipole Receivers array – 1300 m for **measure Rk**,  
 Symmetrical Source line- 400 m – for **measure IP**,  
 Record length – 6 sec  
 Fold - 40 (5x8)

### RESULTS

Total square of anomalies – 44 sq.km

Prospects ranking by exploration risk assessment has been made.

Recommendation on new exploration well location were made.

