

### Legend

**BLOCKS (indicative)**

- Open Blocks
- Shamaran Operated
- Awards announced by Kurdistan Regional Government (KRG)
- Shamaran Non-operated

**FIELDS & PIPELINES**

- Oil field
- Oil Discovery
- Gas field
- Gas / Condensate field
- Gas / Condensate field Discovery
- Oil pipeline
- Gas pipeline
- KICE pipeline

**OTHERS**

- Leads / Prospects
- Well planned, recently drilled or currently drilling
- Well location unknown
- Other wells
- Airports with European direct flights

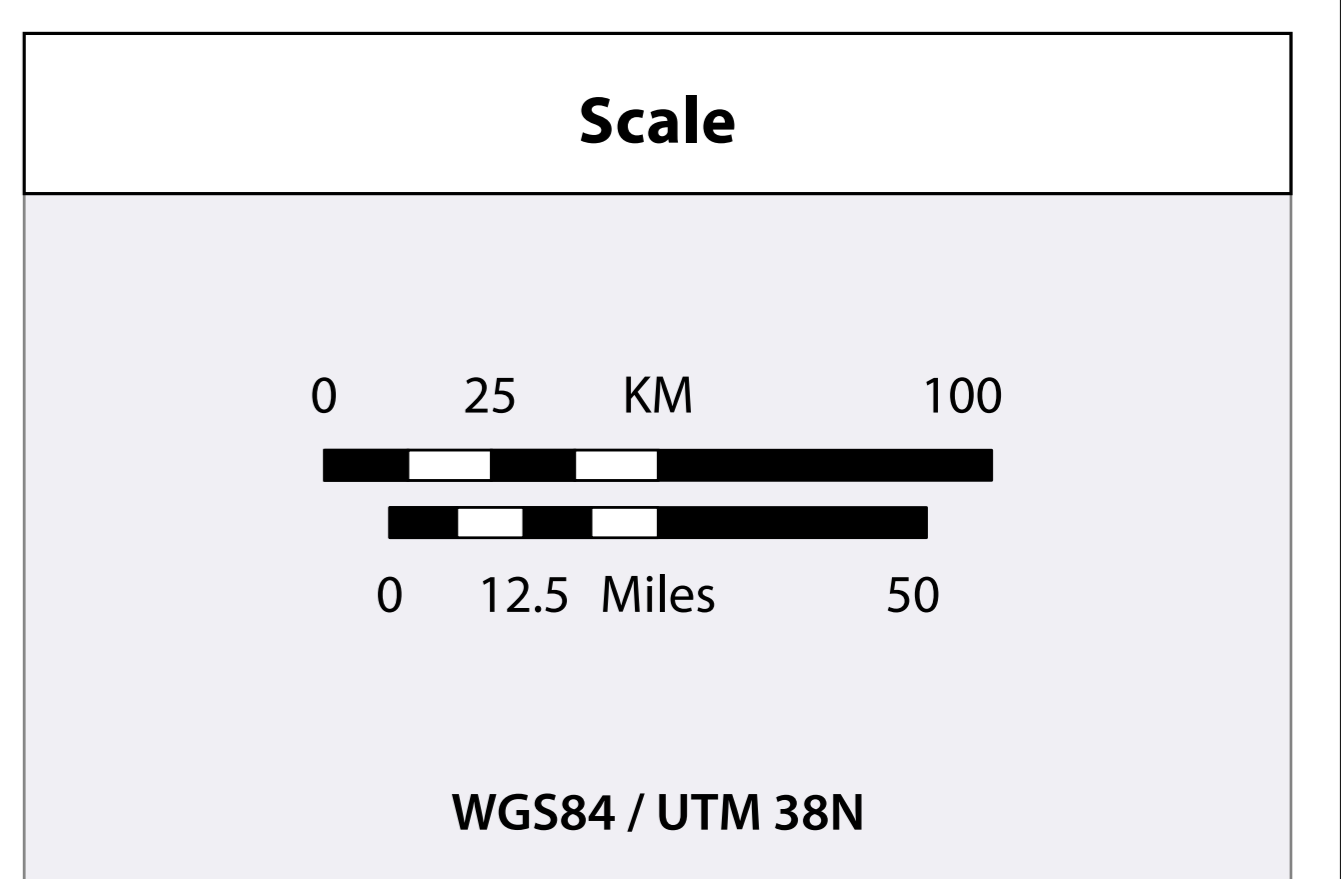
**RESERVOIR WITH HYDROCARBONS (PRODUCTION & DISCOVERY)**

- TERTIARY
- CRETACEOUS
- JURASSIC
- TRIASSIC

### Current Exploration Success for Oil on new PSCs = 77 % (17/22)

**LISTED OPERATORS / PARTNERS**

- Addax (Sinopec)
- Afren
- DNO
- Crescent Petroleum
- Dana Gas
- Gas Plus Khalakan
- Genel Enerji
- General Exploration Partners (Aspect 66.5%, Shamaran Petroleum 33.5%)
- Groundstar Ressources
- Gulf Keystone Petroleum (GKL)
- Heritage Oil
- Hess
- HKN Energy
- HOME (Hunt Oil Middle East Limited)
- Kurdistan Exploration and Production Company (KEPCO)
- Korean National Oil Company (KNOC)
- Komet Group SA
- Longford Energy Inc. (Forbes & Manhattan)
- Marathon Oil
- MOL Hungarian Oil and Gas PLC (Kalegran Limited)
- Murphy Central Duhok Oil Co.
- Niko Resources
- Norbest Limited
- North Oil Company
- Oil Search Iraq Limited (OSIL)
- OMV Petroleum Exploration GMBH
- Perenco
- Petrolic Int.
- Prime Natural Resources JV (Hawler Energy)
- Reliance Industries Limited
- Shakal Production (Prime Natural Resources JV)
- Shamaran Petroleum
- Sterling Energy
- Talisman Energy
- TTOPCO (JV between Addax (Sinopec) and Genel)
- UI Energy
- Vast Exploration
- Western Zagros Resources (WZR)



## Kurdistan Oil & Gas Activity

### August 2011

Reference Number: SP0001