BlackWaters, the ExxonMobil 80% joint co-venture and a 20% fully carried interest from Petro-Canada. The operation of the field is conducted by BlackWaters.

**KHALAKAN**
- Operator: Petro-Canada, 80%
- Other PSC participant: PetroQuest Energy, 80%
- Size: 25% part carried
- 2010, 123 square kilometres
- Spudded October 2011 drilled to depth of 4,000 metres in Cretaceous. Oil column discovered in and Upper Cretaceous.
- Expected to be awarded to a Turkish entity
- Kewa Chirmila-1: Spudded Q3 2012, abandoned
- Sarqala-1: Spudded June 2011, initial flow test of 9,444 bopd at 40° API
- Produced more 40% net third-party interest
- Anticipated spud date 2014

**QUSH TAPPA**
- Operator: Repsol, 80%
- Other PSC participant: Gulf Keystone, 80%
- Size: 20% fully carried
- Spudded August 2007, drilled to 3,350 metres with oil and gas
- Early production tests have reached 3,650 bopd of 37° API oil with 770,000 cubic metres per day (26 mcf per day) of gas with an ultimate potential of 15,000 bopd of 40° API oil.

**SINDI-AMEDI**
- Operator: Hunt Oil, 44%
- Size: 511 square kilometres
- Spudded Q4 2012, abandoned
- Taza-2 to spud second half of 2013.
- Planned power plant
- Taq Taq-Khurmala-Fish Khabur oil pipeline
- Disputed territory border
- Taq Taq-54: Spudded Q3 2012 for sour gas injection
- Shaikan-18: Testing, Flow rates of 7,000 bopd of 37° API plus 184,000 cubic metres per day (5 mcf per day) of gas
- Yow (Shaikan-18): Exploration well completed 2011, hydrocarbons shows announced

**SULAVONI**
- Operator: DNO, 40%
- 20% fully carried
- Other PSC participant: Western Zagros, 20%
- Spudded January 2011, spud October 2011, total depth of 3,800 metres
- Spudded December 2011, total depth of 3,500 and 2,425 metres
- Initial open-hole drill stem test in Upper Fars
- 43° to 44° API oil flowed, no water and no H2S
- Anticipated spud date 2014

**AL QUWAYR**
- Operator: ExxonMobil, 80%
- 40% net third-party interest
- Expected to be awarded to a Turkish entity
- KRG BI:
  - AKRI-BIJEEL
  - Operator: ExxonMobil, 80%
  - Size: 315 square kilometres
  - Spudded December 2011, drilled to a total depth of 5,000 metres, no commercial flow discovered
  - Bijeel-7: Jurassic, 2,200 metres, testing completed

**ATRUSH**
- Operator: Chevron, 44%
- 549 square kilometres
- Spudded August 2011, reached 2,425 metres
- Initial open-hole drill stem test in Upper Fars
- Oil column discovered in and Upper Cretaceous.
- 2012, 123 square kilometres
- Spudded August 2007, drilled to 3,350 metres with oil and gas.
- History:
  - 1982-83: Initial 45-day dry hole drilled, as reservoirs proved uncommercial
  - 1983-87:
    - Total 14.75 miles drilled, no hydrocarbons from 6,400 feet to 17,500 feet
  - Shamaran, 20.1%, 80% net third-party interest
- Field Development Plan:
  - 2013,Submitted Declaration of Commerciality.

**BINA BAWI**
- Operator: Genel Energy, 44%
- Other PSC participants:
  - Coregas, 22.5%
  - Crescent Petroleum, Dana Gas, 25%
  - TAQA (Genel Energy, Addax Petroleum), 40%
- Size: 667 square kilometres
- Spudded October 2012 testing planned for Q2 2013. Bina Bawi-4 and 5 together confirmed a pre-existing discovery from 1961 with three wells drilled
- Kurdamir-1: Spudded Q4 2012, abandoned
- Spudded October 2012 testing planned for Q2 2013. Bina Bawi-4 and 5 together confirmed a pre-existing discovery from 1961 with three wells drilled
- Production:
  - 2012, 123 square kilometres
  - Spudded August 2007, drilled to 3,350 metres with oil and gas.
  - Estimated ultimate recovery of 1.47 billion barrels recoverable

**GARADU**
- Operator: Crescent Petroleum, Dana Gas
- Other PSC participants:
  - Coregas, 22.5%
  - Crescent Petroleum, Dana Gas, 25%
  - TAQA (Genel Energy, Addax Petroleum), 40%
- Size: 667 square kilometres
- Spudded October 2012 testing planned for Q2 2013. Bina Bawi-4 and 5 together confirmed a pre-existing discovery from 1961 with three wells drilled
- Production:
  - 2012, 123 square kilometres
  - Spudded August 2007, drilled to 3,350 metres with oil and gas.
  - Estimated ultimate recovery of 1.47 billion barrels recoverable

**KURDAMIR**
- Operator: Crescent Petroleum, Dana Gas
- Other PSC participants:
  - Coregas, 22.5%
  - Crescent Petroleum, Dana Gas, 25%
  - TAQA (Genel Energy, Addax Petroleum), 40%
- Size: 667 square kilometres
- Spudded October 2012 testing planned for Q2 2013. Bina Bawi-4 and 5 together confirmed a pre-existing discovery from 1961 with three wells drilled
- Production:
  - 2012, 123 square kilometres
  - Spudded August 2007, drilled to 3,350 metres with oil and gas.
  - Estimated ultimate recovery of 1.47 billion barrels recoverable

**TAQA**
- Operator: Total, 60%
- Other PSC participants:
  - Repsol, 80%
  - Other PSC participant: Crescent Petroleum, Dana Gas, 25%
  - Size: 667 square kilometres
  - Spudded October 2012 testing planned for Q2 2013. Bina Bawi-4 and 5 together confirmed a pre-existing discovery from 1961 with three wells drilled
- Production:
  - 2012, 123 square kilometres
  - Spudded August 2007, drilled to 3,350 metres with oil and gas.
  - Estimated ultimate recovery of 1.47 billion barrels recoverable