



EXPLORATION BLOCKS





CASPIAN SEA

EXPLORATION & DEVELOPMENT

BLOCK-۲۴

BLOCK-۲۴

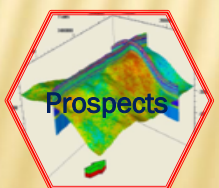
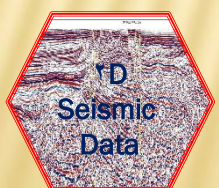
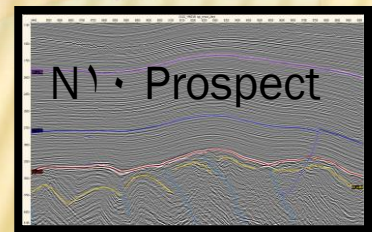
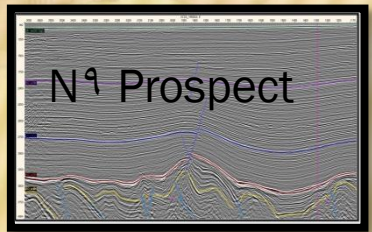


Block-۲۴ is situated at ۱۳۰ km to North of Bandar-e-Nowshahr.

Main Structures: N^۹ (Rouyan) (۹x۱۹ km), N^{۱۰} (Noor) & N^{۱۴} (۴x۲۱ km)

low-moderate relief four-way dip closed structure

Maximum closure in both prospects at the deeper levels is at least ۴۰۰ meters



m Sq Km Sq Km Structures

□ **Hydrocarbon Systems:**

➤ **Seal Rock:**

- Pliocene Evaporate of Surakhani (Upper Productive Series)
- The fine clay of Upper Aghchagyl Formation

➤ **Reservoir Rocks:**

- Aghchaghyll sandstone
- Lower Productive series sandstone (Balakhany equivalent)

➤ **Source Rock:**

- Lower Shale layers from Maykop Series & base of Aghchagyl Formation

PLEISTOCENE		Iran	
		Neo Caspian	
		Khvalynian	
		Khazarian	
		Bakunian	
		Apsheeronian	
PLIOCENE	Late	Akchagyl	
	Early	Cheleken Series (Continental Red Bed)	
MESOZOIC	Cretaceous		
No Scale			



CASPIAN SEA

EXPLORATION & DEVELOPMENT

BLOCK-۲۶

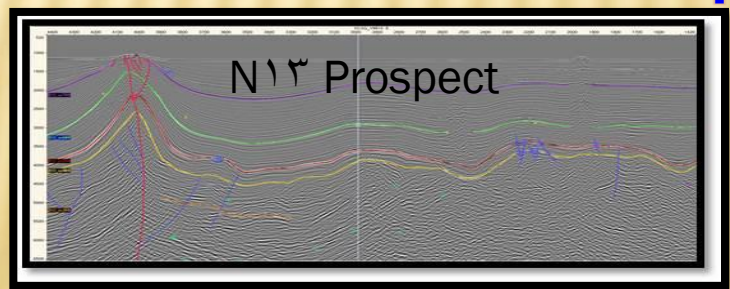
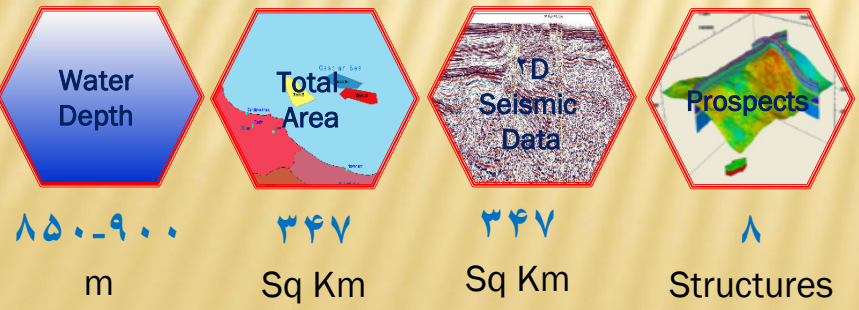
BLOCK-۲۶



Block-۲۶ is situated at some ۱۰۰ to ۱۳۰ km to North-East of Bandar-e Anzali

Main Structures: N۱۱, N۱۲, N۱۳, N۱۴, N۱۷, N۵۵, N۷۴ & N۷۵

- combination of N۱۱, N۱۲ and N۱۳ (۳۰x۵ Km.)
- and individual prospects N۱۴ and N۱۷ (۱۲x۶ Km.)



Hydrocarbon Systems:

Seal Rock:

- Pliocene Evaporate of Surakhani (Upper Productive Series)
- The fine clay of Upper Aghchagyl Formation

Reservoir Rocks:

- Aghchagyl sandstone
- Lower Productive Series sandstone (Balakhany equivalent)

Source Rock:

- Lower Shale layers from Maykop series & base of Aghchagyl Formation

PLEISTOCENE	Iran	
	Neo Caspian	
	Khvalynian	
	Khazarian	
PLEISTOCENE	Bakumian	
	Apsheeronian	
	Akchagyl	
PLIOCENE	Late	
	Early	
MESOZOIC	Cretaceous	Cheleken Series (Continental Red Bed)
		No Scale



CASPIAN SEA

EXPLORATION & DEVELOPMENT

BLOCK-۲۹

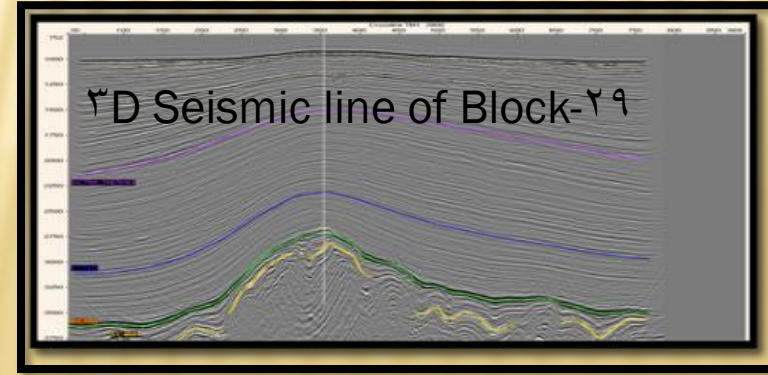
BLOCK-۲۹



Block-۲۹ is situated at ۱۳۵ km to North of Bandar -e-Nowshahr.

Main Structures: N۱, N۷۲ & N۷۳

- N۱ (۸-۱۰x۷۵ km) is the largest
- elongated WNW-ESE
- medium relief anticline
- vertical relief of ۷۰۰ m.



Water Depth

۱۰۰

m

Total Area

۱۰۰۰

Sq Km

2D Seismic Data

۱۰۰۰

Sq Km

Prospects

۳

Structures

❑ **Hydrocarbon Systems:**

➤ **Seal Rock:**

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- The fine clay of Upper Aghchagyl Formation

➤ **Reservoir Rocks:**

- Aghchaghyl sandstone
- Lower Productive Series sandstone (Balakhany equivalent)

➤ **Source Rock:**

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PLEISTOCENE		Iran	
		Neo Caspian	
		Khvalynian	
		Khazarian	
		Bakunian	
		Apsheonian	
PLIOCENE	Late	Akchagyl	
	Early	Cheleken Series (Continental Red Bed)	
MESOZOIC	Cretaceous		No Scale