

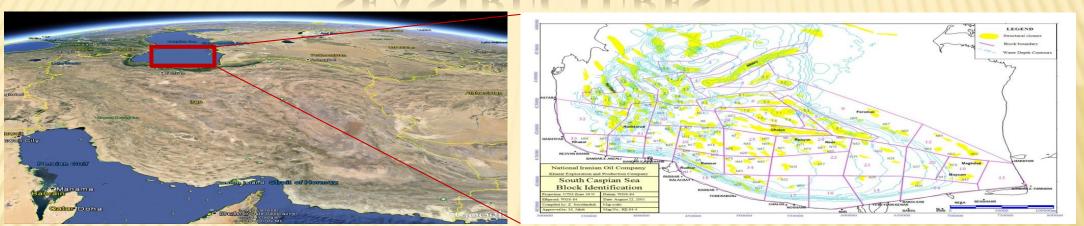
# CASPIAN SEA EXPLORATION BLOCKS AND SARDAR-E-JANGAL FIELD



# LOCATION OF SOUTH CASPIAN SEA STRUCTURES







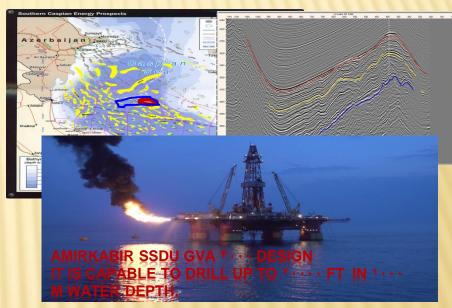
- □ Caspian sea is divided into three sections of North, Middle and South Caspian Basin.
- □ In south of Caspian sea, , · · · Km. D Seismic lines has been acquired.
- □ \* · · · Km' "D Seismic has been acquired in \*, ∨, h and ۲٩ Blocks during ۲ · · ۳-۲ · · b
- □ Blocks ۲۴, ۲۶, ۲۹ and Sardar-e-Jangal field are being introduced for Exploration and Delvelopment.

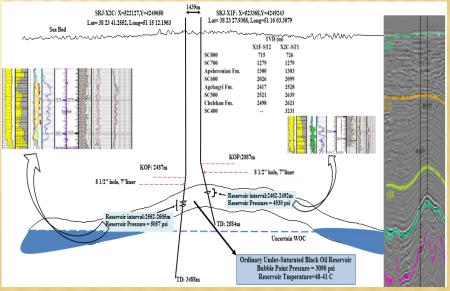
# SARDAR-E-JANGAL FIELD GENERAL SPECIFICATIONS





- □ Sardar-E-Jangal field in block γ with dimensions of γ κ κ km. is located about γ δ · Km. of Caspian Sea coastline, in γ δ · m water depth.
- □ It is expected the main prospect is Cheleken. Although the first exploration well in ''' has discovered hydrocarbon in layers above Cheleken.
- □ The second delineation/exploration well has been completed in ''' and was tested ''' bbl/d oil with ''' Psi WHP.
- □ It contains about '··· MMSTB oil with API of and GOR of ٩٨٧ Scf/bbl.

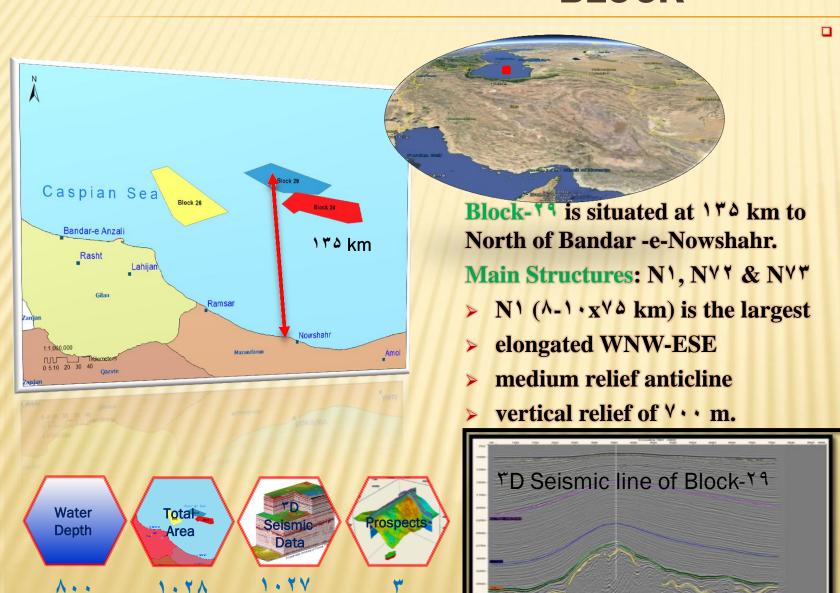








## BLOCK-Y9



Structures

Sq Km

Sq Km

m

### **Hydrocarbon Systems:**

### > Seal Rock:

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

### > Reservoir Rocks:

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

### Source Rock:

Lower Shale layers from Maykop Series & base of Aghchagyl Formation

		11111	
		Iran	
	l	Neo Caspian	
PLEISTOCENE		Khvalynian	<u> </u>
IST		Khazarian	:
PLE	L	Bakunian	
		Apsheronian	=
	Late	Akchagyl	<u> </u>
PLIOCENE	Early	Cheleken Series (Continental Red Bed)	# # # # # # # # # # # # # # # # # # #
MESOZOIC 8	Cretaceous		No Scale