

# Technical Report

## Block 8 N. Port Fouad offshore



## N. Port Fouad offshore

### About The Block

**Location:** N. Port Fouad offshore block is located in the north eastern corner of Egypt's economic water border, at a distance approximately 140 km to the north of the Mediterranean shore line and El Arish city. The block is bounded from the south by North Hap'y offshore concession.

**Total Area :** 3440 Km<sup>2</sup>

**Water Depth:** 1400 - 1800 m

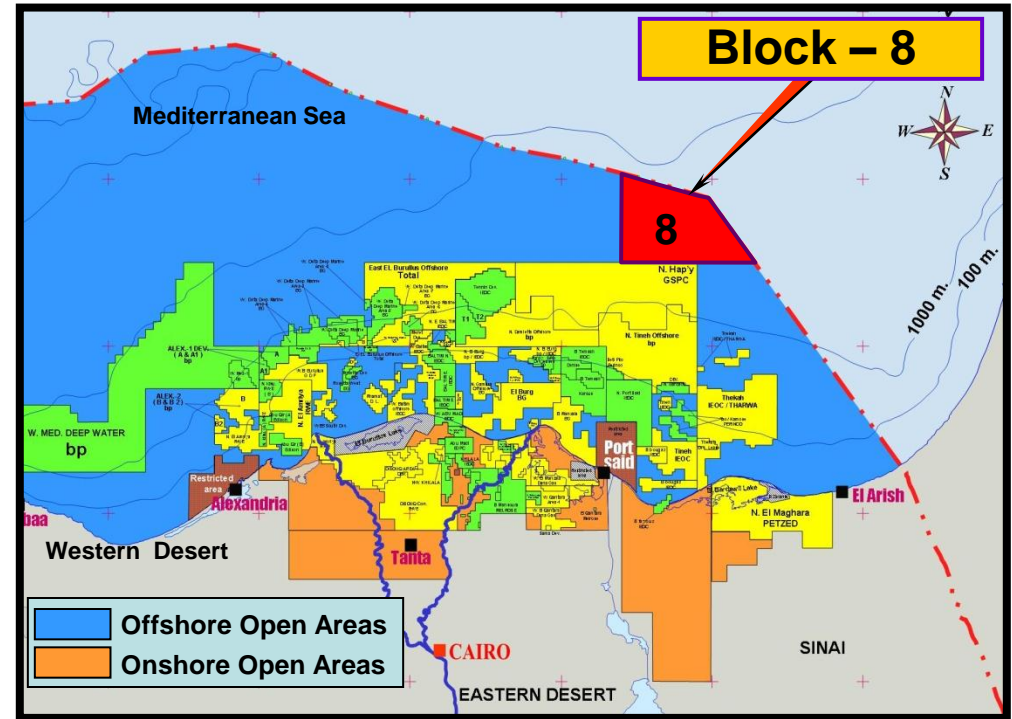
#### Seismic Surveys

: 2D Seismic lines (approx. 1163 Km)

#### Data review and Purchase form EGAS

**Previous Concessionaire :** Shell

**Nearby Fields & Discoveries:** La 52, Ld 51 and Kg 45 gas discoveries

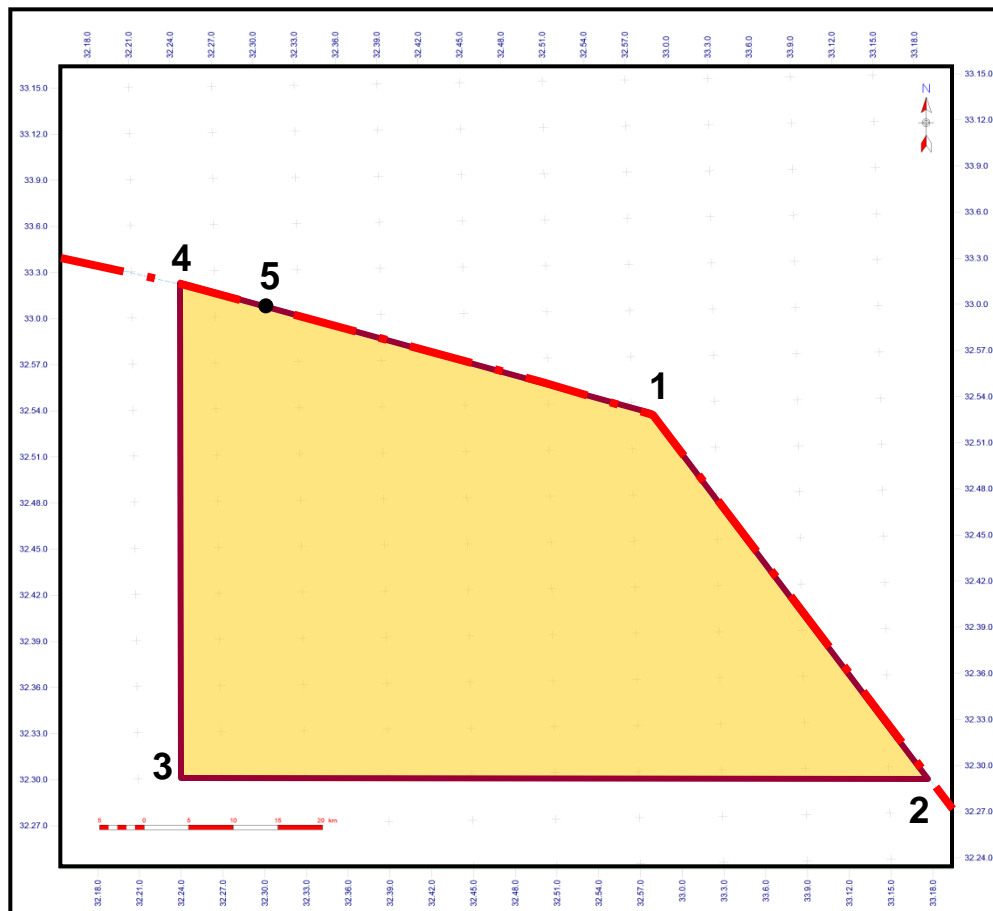


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### Block- 8

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No.	Latitude ( North )			Longitude ( East )		
1	32°	53''	20''	32°	58'	20''
2	32°	30''	00''	32°	17'	42.7''
3	32°	30''	00''	32°	24'	00''
4	33°	02''	10.16''	32°	24'	00''
5	33°	00''	40''	32°	31'	00''



***Block 8***  
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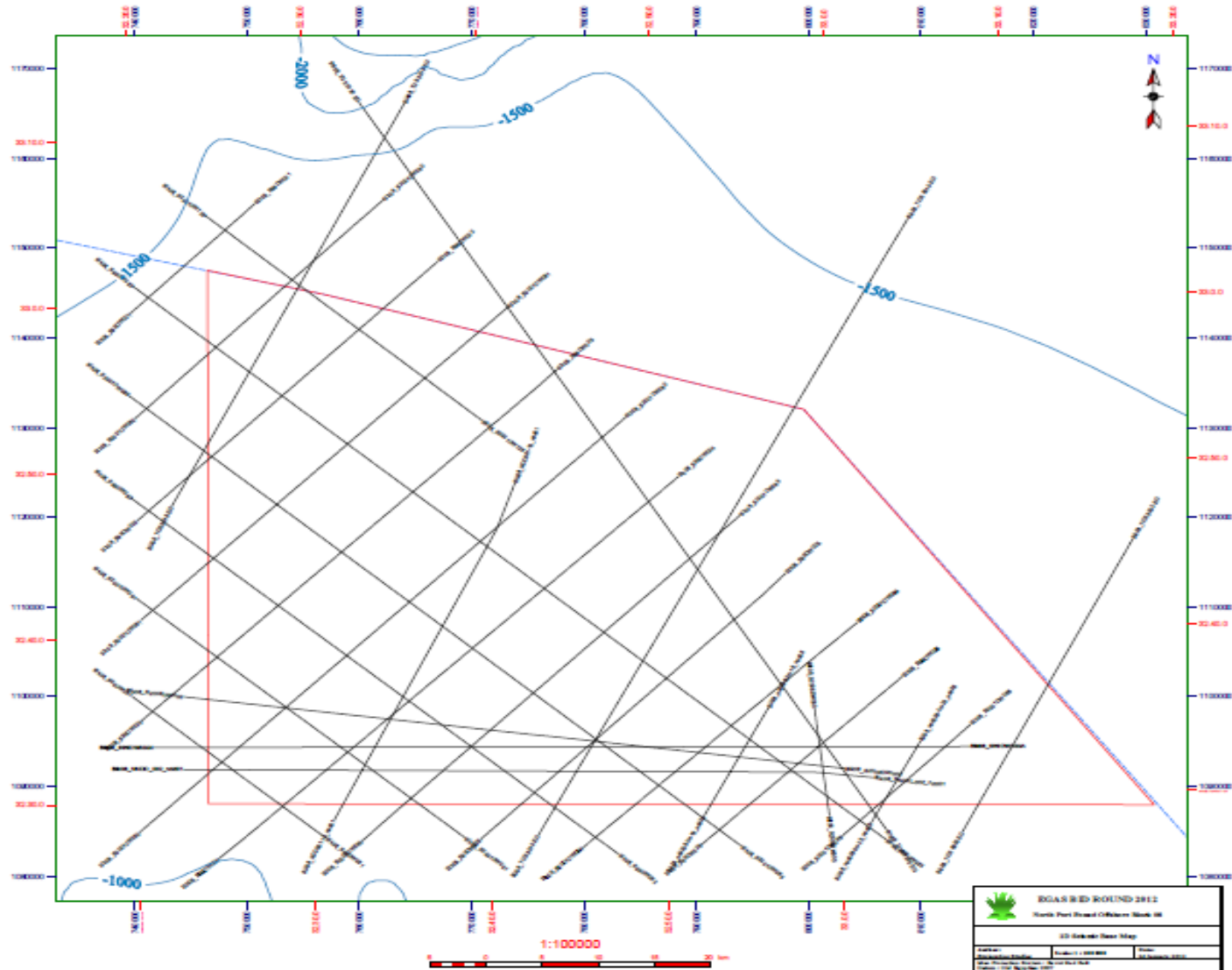
**SEISMIC DATA**

**A) "2D" SEISMIC DATA (Segy Standard Format)**

<b>Survey Name</b>	<b>Digital 2D Data (Km)</b>	<b>No. of Seismic lines</b>
<b>bp NDO</b>	<b>126</b>	<b>4</b>
<b>S99DW</b>	<b>445</b>	<b>10</b>
<b>S2001DW</b>	<b>335</b>	<b>9</b>
<b>S2008DW</b>	<b>72</b>	<b>2</b>
<b>TGS</b>	<b>185</b>	<b>4</b>
<b>TOTAL</b>	<b>1163</b>	<b>29</b>

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### PRICE LIST

Block No.	Block Name	Area (Km <sup>2</sup> )	Principal Data Package			3D Surveys	
			2D Total Line Km	Drilled Wells	Price US\$	3D Survey Km <sup>2</sup>	Price US\$
8	N. Port Fouad offshore	3440	1163	-	53430	-	-

- Data Package for each block in digital format will be available at EGAS premises at prices as shown in the above table.
- Technical reports for all wells are available for purchase at: (\$1100 for hard copy and \$1200 for digital format per well)
- Final geological reports for all wells are available for purchase at: (\$1500 for hard copy and \$1700 for digital format per well)
- Data review will be available at EGAS premises using Geographix Software (Seisvision, Prizm & Geoatlas) at cost:

10% of total price of the principal data package (2D and well logs) with a minimum of \$2000/block

10% of total price of request 3D seismic survey

- In case of data purchase after review, review fees will be deducted from the total purchase price

# PROSPECTIVITY

## Pliocene Play Concept:

This play was successfully explored in NEMED concession where gas bearing sand in slope channel complex were found to the west of this block.

## Source :

Basal Pliocene shale provides excellent source rock for the biogenic gas.

## Reservoir:

The reservoir rocks are represented by turbidite channel sand with high porosity and permeability.

## Trapping:

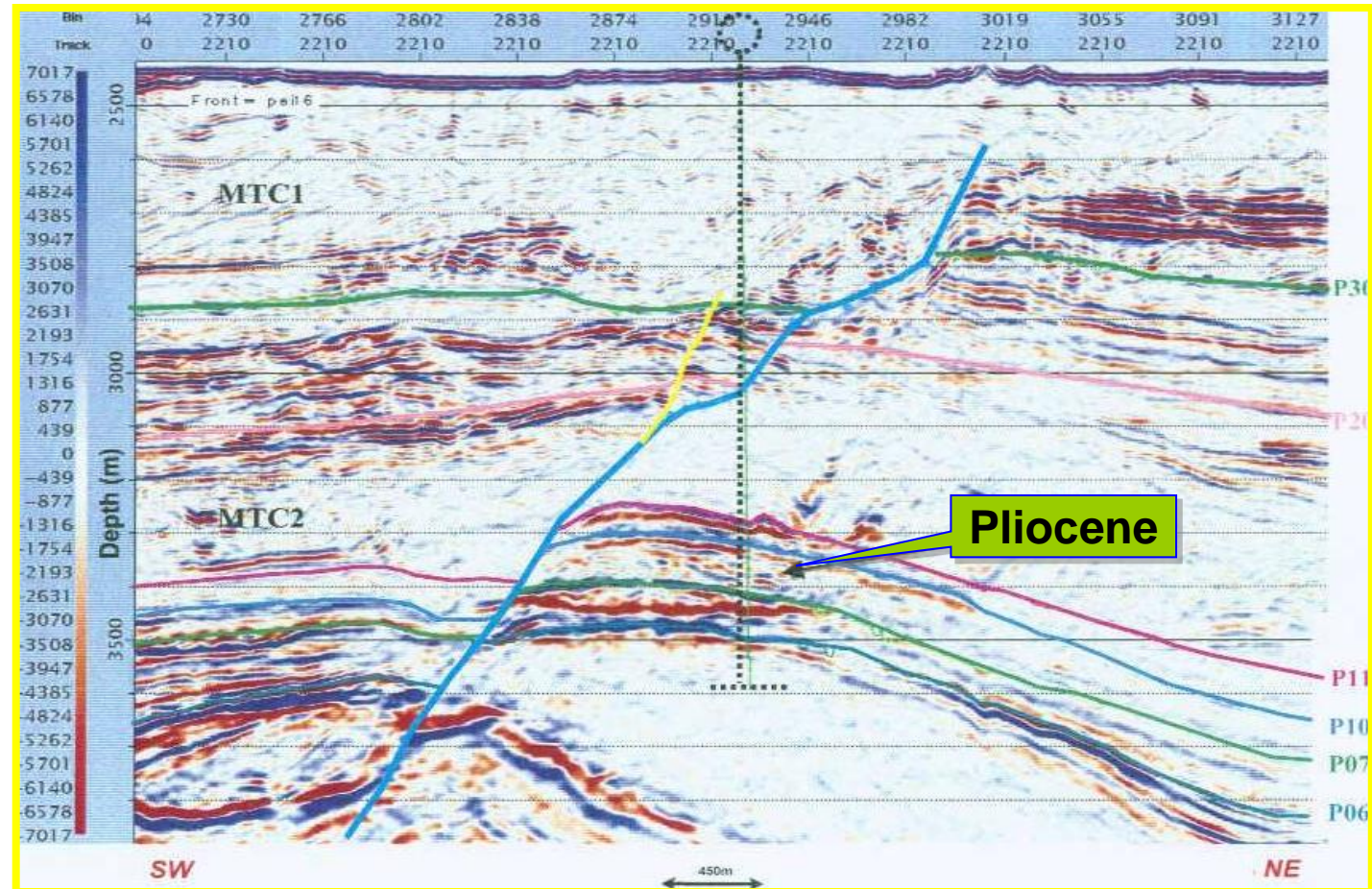
Structure / Stratigraphic traps provide the main trapping style.

## Sealing:

The thick interbedded shales act as good sealing capacity for this play.

## Charging:

Charging carried out through the interbedded and intraformational Shales which act as good source rocks for the biogenic gas.



# PROSPECTIVITY

## Messinian Play Concept:

This play is represented by Messinian sand (Abu Madi channel) which deposited in deltaic / shallow marine environment just after the end of the Messinian salt crisis. This play was successfully drilled and explored as gas bearing sand in the Nemed concession ( La52 & Ld51 Wells) offset to this block.

## Source :

The terrestrial and marine deposits developed during Oligocene-Miocene time are considered the main source rocks.

## Reservoir:

The reservoir sand was deposited in channel / Levee system which significantly encountered below and in between the Rosetta anhydrites as hydrocarbon bearing sand as in La52 and Ld51 wells drilled by Shell in NEMED concession.

## Trapping:

The traps are mainly structural traps with partial stratigraphic.

## Sealing:

Rosetta anhydrite act as an efficient seal.

## Charging:

Charging carried out from possible Oligocene and Lower Miocene deposits.

