

## Block Summary

### Location :

Located in the Middle of the Eastern flank of the Gulf of Suez.

**Total Area: 528.7 km<sup>2</sup>**

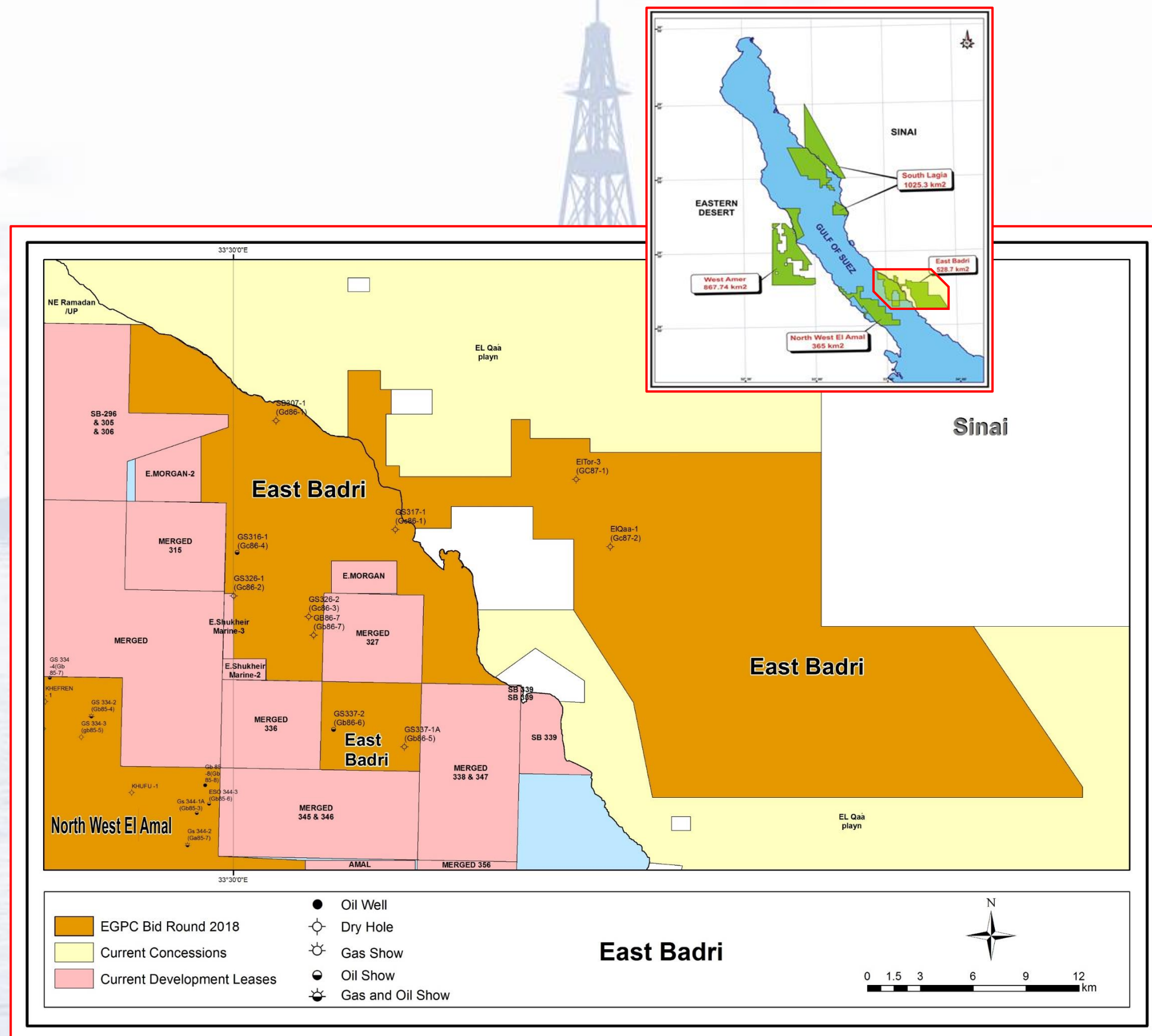
**Previous Concessionaire: BP, CONOCO & UNICAL**

**2D Seismic Survey: 1929 Km**

**3D Seismic Survey: 245 Km<sup>2</sup>**

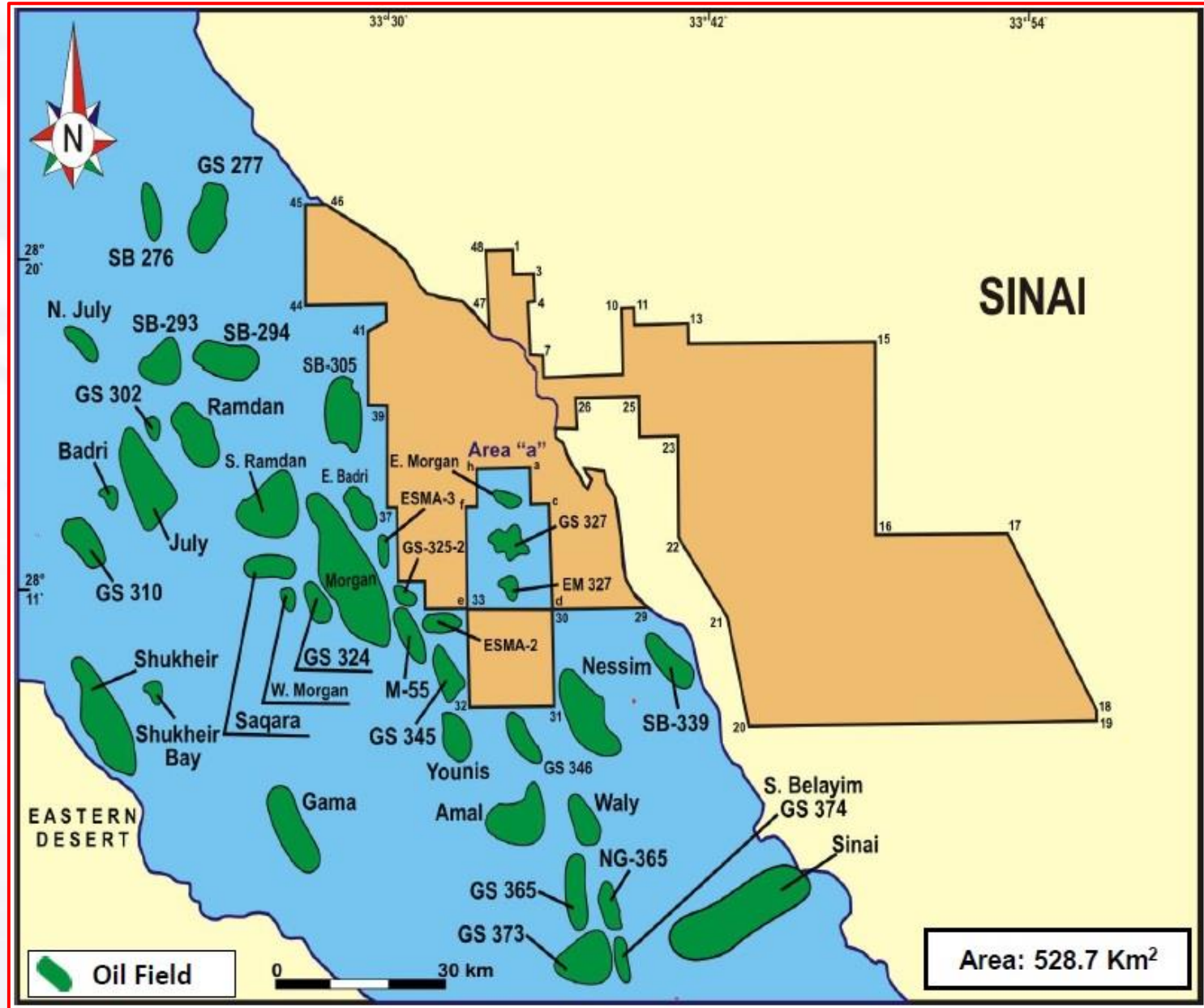
**Drilled Wells: 11 Wells**

**Range of wells TD: from 4060 ft. to 12100 ft.**





## Block Coordinates



**Geographic Coordinate System used:** Egypt 1907  
**Angular Unit:** Degree  
**Radians per unit:** 0.0174532925199433  
**Prime Meridian:** Greenwich, Longitude (00° 001 00.0011)  
**Datum:** Egypt 1907  
**Spheroid:** Helmert 1906  
**Semi major Axis:** 6378200.0  
**Semi minor Axis:** 6356818.169627891  
**Inverse Flattening:** 298.3

Coordinates							
LAT.	LONG.	LAT.	LONG.	LAT.	LONG.	LAT.	LONG.
1- 28° 19' 50.00"	33° 34' 30.00"	16- 28° 12' 00.00"	33° 48' 00.00"	31- 28° 07' 33.18"	33° 35' 41.89"	46- 28° 21' 14.63"	Eastern Coast of GOS Shoreline
2- 28° 19' 15.00"	33° 34' 30.00"	17- 28° 12' 00.00"	33° 52' 40.00"	32- 28° 07' 36.61"	33° 32' 38.86"	47- Eastern Coast of GOS Shoreline	33° 33' 30.00"
3- 28° 19' 15.00"	33° 34' 50.00"	18- 28° 07' 05.00"	33° 56' 00.00"	33- 28° 10' 18.873"	33° 32' 42.701"	48- 28° 19' 50.00"	33° 33' 30.00"
4- 28° 18' 30.00"	33° 34' 50.00"	19- 28° 06' 45.00"	33° 56' 00.00"	34- 28° 10' 22.00"	33° 31' 00.00"	<div style="border: 1px solid black; padding: 5px;"> <b>Area Excluded</b>  <b>Area "a"</b>                      a- 28° 14' 00.00"    33° 35' 00.00"                      b- 28° 12' 58.00"    33° 35' 00.00"                      c- 28° 12' 57.686"    33° 35' 49.726"                      d- 28° 10' 15.433"    33° 35' 45.802"                      e- 28° 10' 18.873"    33° 32' 42.701"                      f- 28° 13' 01.10"    33° 32' 46.548"                      g- 28° 13' 01.00"    33° 33' 00.00"                      h- 28° 14' 00.00"    33° 33' 00.00"                 </div>	
5- 28° 18' 30.00"	33° 34' 40.00"	20- 28° 06' 45.00"	33° 42' 50.00"	35- 28° 11' 00.00"	33° 31' 00.00"		
6- 28° 16' 55.00"	33° 34' 40.00"	21- 28° 09' 40.00"	33° 42' 15.00"	36- 28° 11' 00.00"	33° 30' 00.00"		
7- 28° 16' 55.00"	33° 35' 05.00"	22- 28° 12' 30.00"	33° 40' 25.00"	37- 28° 13' 00.00"	33° 30' 00.00"		
8- 28° 16' 35.00"	33° 35' 05.00"	23- 28° 14' 40.00"	33° 40' 25.00"	38- 28° 13' 00.00"	33° 29' 43.50"		
9- 28° 16' 35.00"	33° 38' 30.00"	24- 28° 14' 40.00"	33° 39' 10.00"	39- 28° 15' 46.77"	33° 29' 47.14"		
10- 28° 18' 20.00"	33° 38' 30.00"	25- 28° 15' 40.00"	33° 39' 10.00"	40- 28° 15' 48.00"	33° 29' 00.00"		
11- 28° 18' 20.00"	33° 39' 05.00"	26- 28° 15' 40.00"	33° 36' 40.00"	41- 28° 17' 49.00"	33° 29' 00.00"		
12- 28° 17' 45.00"	33° 39' 05.00"	27- 28° 15' 00.00"	33° 36' 40.00"	42- 28° 18' 06.01"	33° 29' 50.39"		
13- 28° 17' 45.00"	33° 40' 55.00"	28- 28° 15' 00.00"	Eastern Coast of GOS Shoreline	43- 28° 18' 29.04"	33° 29' 50.39"		
14- 28° 17' 20.00"	33° 40' 55.00"	29- 28° 10' 11.78"	Eastern Coast of GOS Shoreline	44- 28° 18' 32.36"	33° 26' 47.58"		
15- 28° 17' 20.00"	33° 48' 00.00"	30- 28° 10' 15.433"	33° 35' 45.802"	45- 28° 21' 14.63"	33° 26' 51.30"		

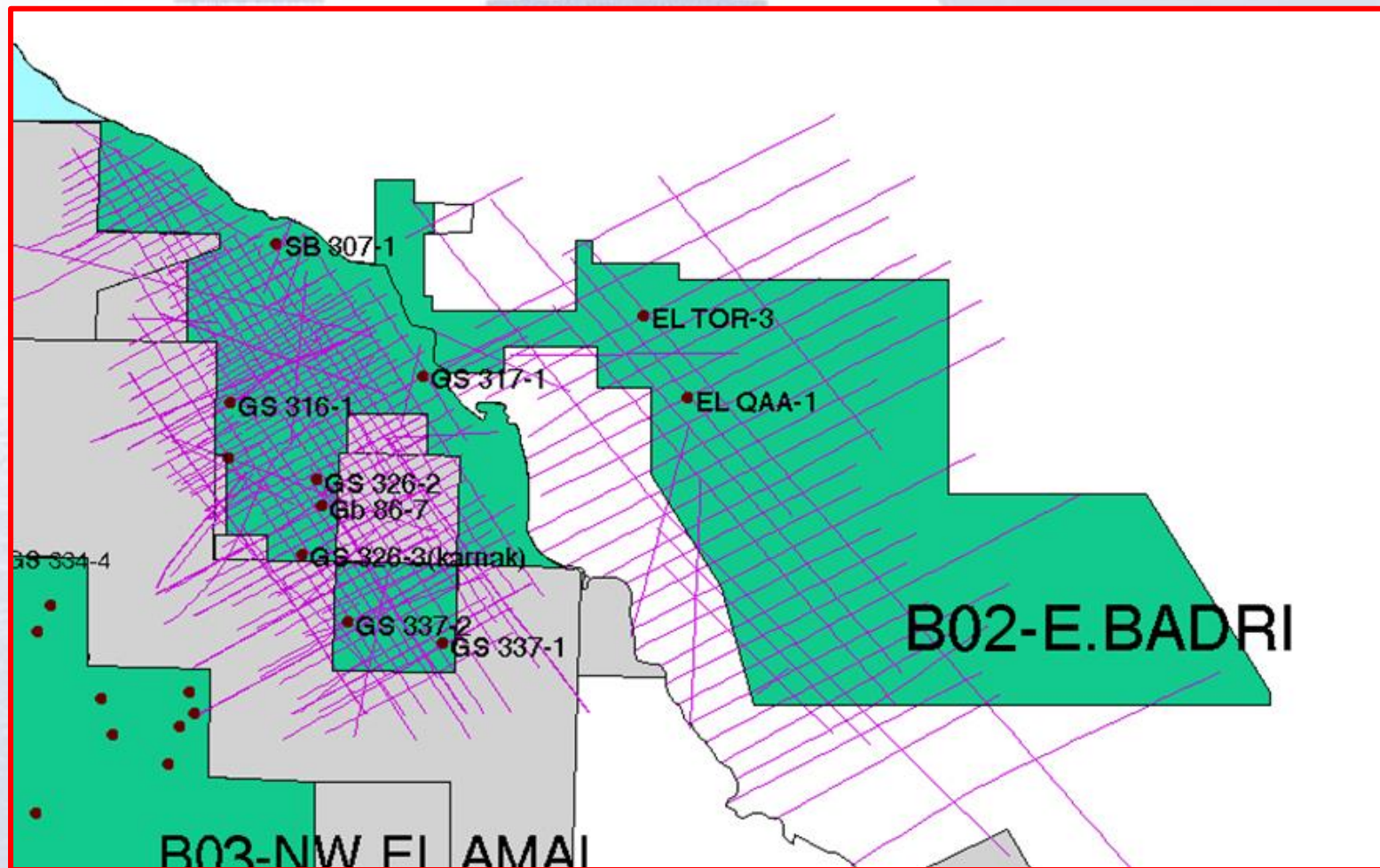
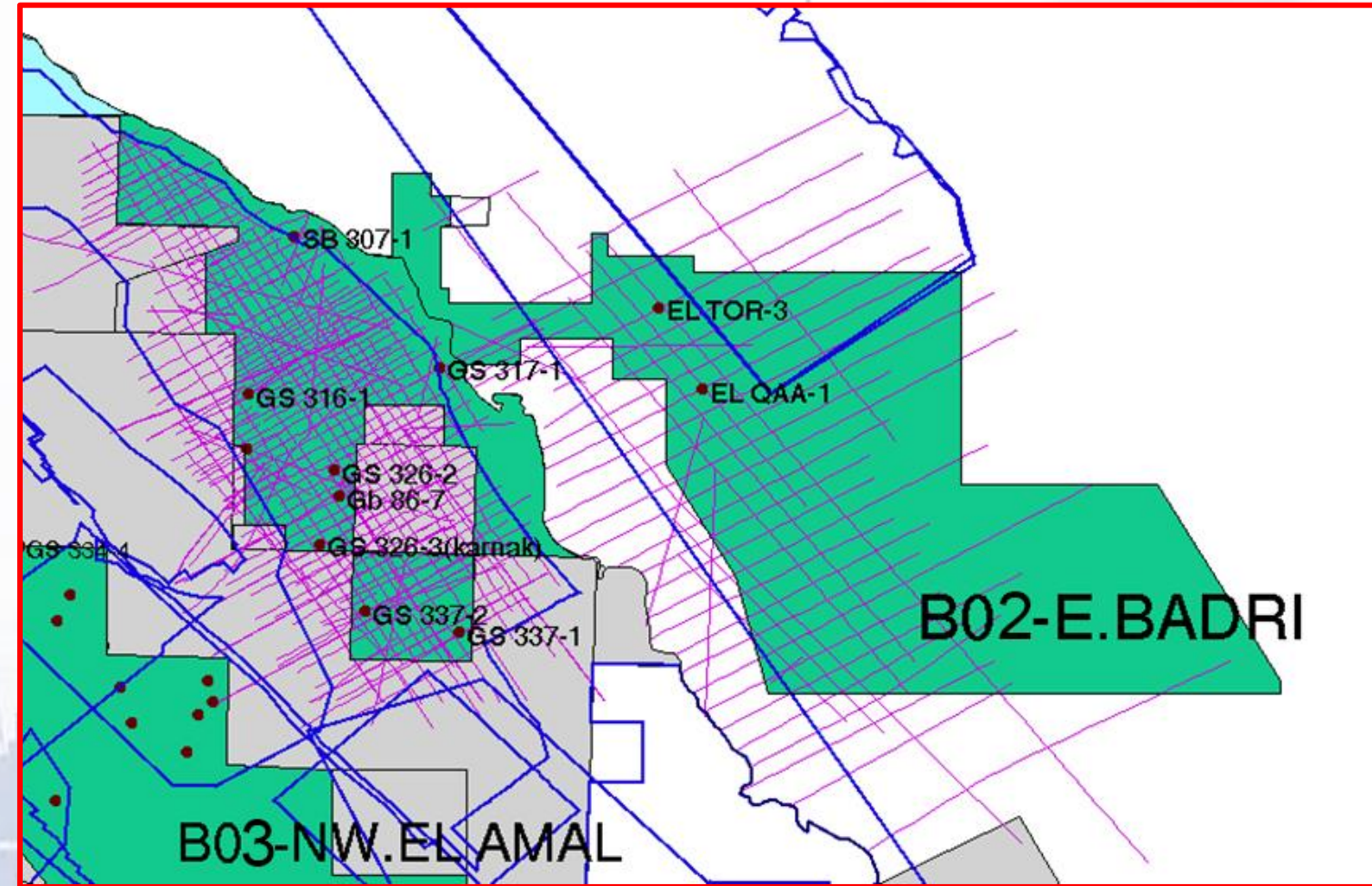
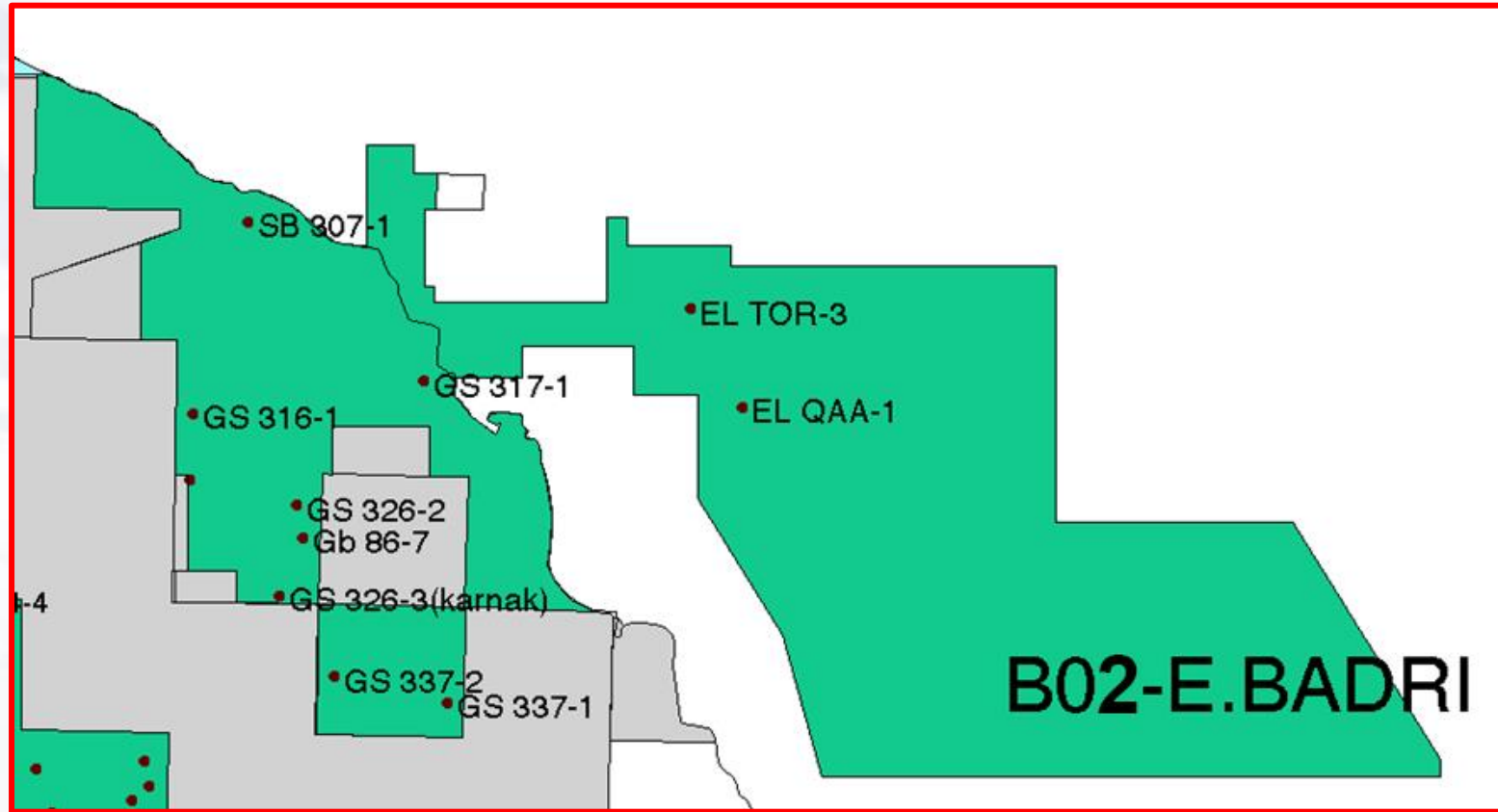


## ***EAST BADRI WELLS***

NO.	WELL NAME / NEW NAME	COMPANY	SPUD. DATE COMP. DATE	LAT. LONG.	T. D. FEET	FORMATION REACHED	FINAL STATUS
1	<b>KARNAK</b> <i>(GS 326-3)</i>	<b>bp</b>	<b>05/11/2003</b> <b>08/12/2003</b>	<b>28° 10' 30.94"</b> <b>33° 31' 57.70"</b>	<b>11,329</b>	<b>NUBIA</b>	<b>P &amp; A</b>
2	<b>GB 86 -7</b> <i>(Gb 86-7)</i>	<b>UNICAL</b>	<b>07/01/1991</b> <b>16/02/1991</b>	<b>28° 11' 43.6"</b> <b>33° 32' 27.4"</b>	<b>10,700</b>	<b>NUBIA</b>	<b>P &amp; A</b>
3	<b>GS 337 -2</b> <i>(Gb 86-6)</i>	<b>bp</b>	<b>05/06/1983</b> <b>27/07/1983</b>	<b>28° 08' 50.8"</b> <b>33° 33' 04.7"</b>	<b>12,100</b>	<b>NUBIA</b>	<b>P &amp; A</b> <i>Oil shows in Kareem Fm.</i>
4	<b>GS 337 -1A</b> <i>(Gb 86-5)</i>	<b>bp</b>	<b>20/01/1983</b> <b>22/03/1983</b>	<b>28° 08' 18.5"</b> <b>33° 35' 14.2"</b>	<b>09,716</b>	<b>MIOCENE</b> <b>L. RUDEIS</b>	<b>P &amp; A</b> <i>Oil shows in Watta Fm.</i>
5	<b>GS 316 -1</b> <i>(Gc 86-4)</i>	<b>bp</b>	<b>09/11/1982</b> <b>19/01/1983</b>	<b>28° 14' 16.14"</b> <b>33° 30' 07.77"</b>	<b>12,550</b>	<b>NUBIA</b>	<b>P &amp; A</b> <i>Oil shows in Kareem Fm.</i>
6	<b>GS 326 -2</b> <i>(Gc 86-3)</i>	<b>bp</b>	<b>04/09/1982</b> <b>01/10/1982</b>	<b>28° 12' 17.8"</b> <b>33° 32' 18.6"</b>	<b>07,050</b>	<b>MIOCENE</b> <b>U. RUDEIS</b>	<b>P &amp; A</b>
7	<b>GS 326 -1</b> <i>(Gc 86-2)</i>	<b>bp</b>	<b>01/05/1982</b> <b>13/06/1982</b>	<b>28° 12' 55.8"</b> <b>33° 30' 00.7"</b>	<b>10,773</b>	<b>NUBIA</b>	<b>P &amp; A</b>
8	<b>GS 317 -1</b> <i>(Gc 86-1)</i>	<b>bp</b>	<b>18/03/1982</b> <b>25/04/1982</b>	<b>28° 14' 57.85"</b> <b>33° 34' 57.5"</b>	<b>08,097</b>	<b>TURONIAN</b> <i>(WATA Fm.)</i>	<b>P &amp; A</b>
9	<b>SB 307 -1</b> <i>(Gd 86-1)</i>	<b>bp</b>	<b>27/02/1982</b> <b>13/03/1982</b>	<b>28° 18' 17.9"</b> <b>33° 31' 18.3"</b>	<b>04,506</b>	<b>BASEMENT</b>	<b>P &amp; A</b>
10	<b>EL QAA -1</b> <i>(Gc 87-2)</i>	<b>CONOCO</b>	<b>21/01/1982</b> <b>08/02/1982</b>	<b>28° 14' 26.3"</b> <b>33° 41' 32.8"</b>	<b>04,059</b>	<b>BASEMENT</b>	<b>P &amp; A</b>
11	<b>EL TOR-3</b> <i>(GC 87-1)</i>	<b>INOC</b>	<b>07/06/1977</b> <b>22/06/1977</b>	<b>28° 16' 30.0"</b> <b>33° 40' 30.0"</b>	<b>04,610</b>	<b>NUBIA</b>	<b>P &amp; A</b>



## Seismic Database



**2D Seismic Survey: 1929 Km**

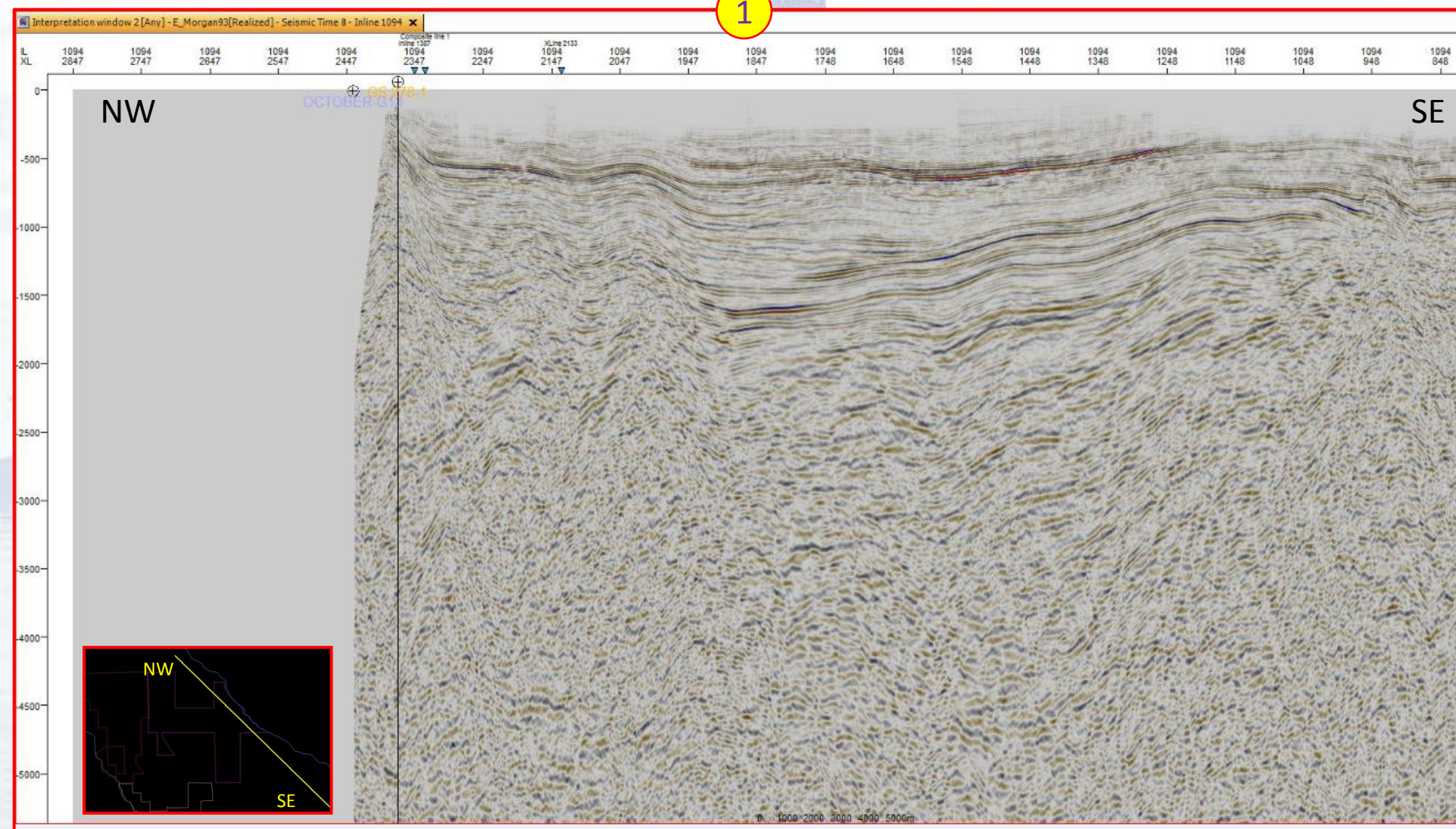
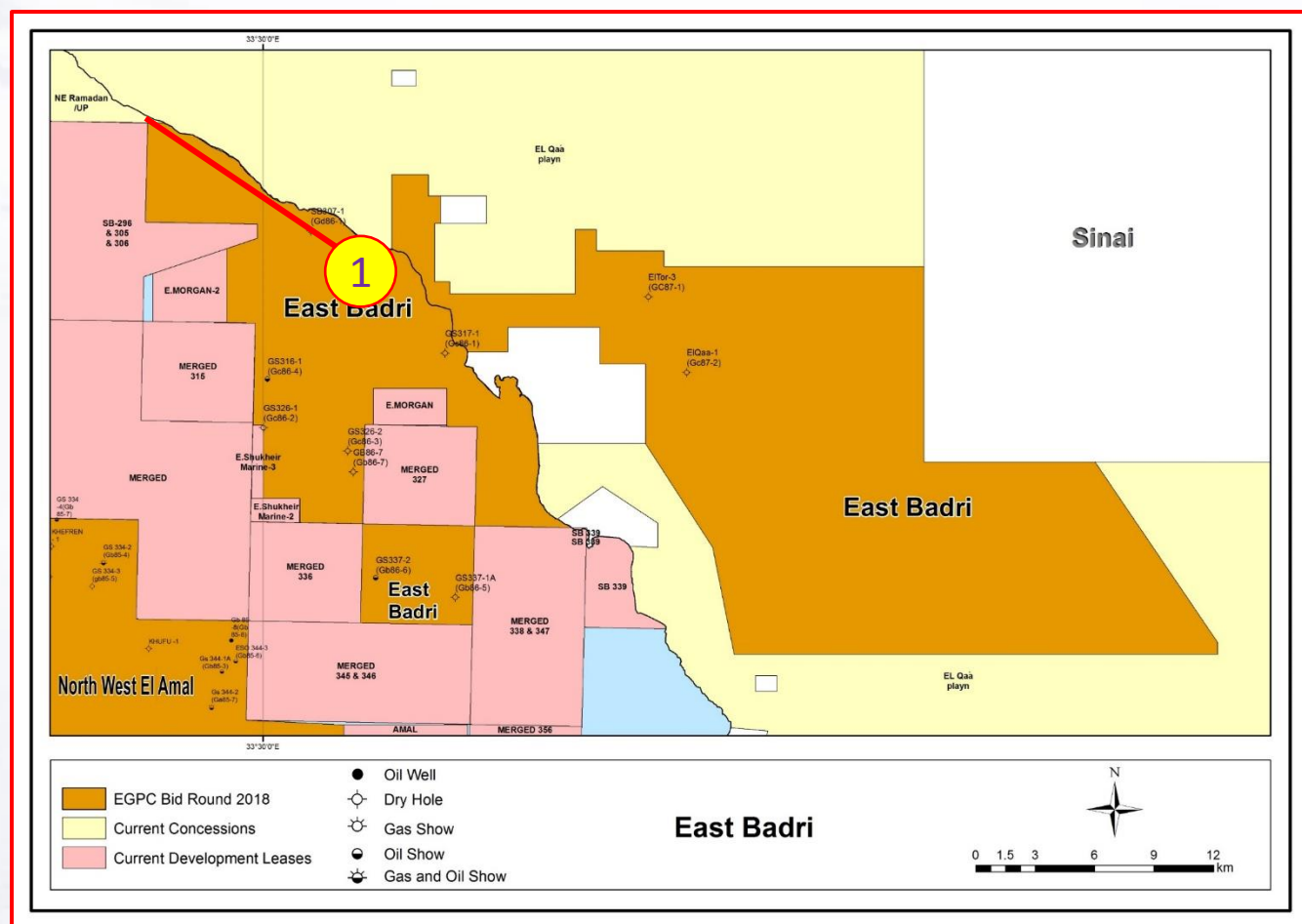
**3D Seismic Survey: 245 Km<sup>2</sup>**

- ✓ Gupco CGOS Reprocessing: 199 Km<sup>2</sup>
- ✓ Dana El Qaa 2015: 46 Km<sup>2</sup>



# 3. East Badri 2018 BID ROUND BLOCKS

## Seismic Model





## Petroleum System Elements & Hydrocarbon Plays

➤ **Basin:** The area lies in Southern central province of the GOS in the South- Belayim trough.

### ➤ Sources:

The principal source rock is almost certainly the pre-rift, Campanian Brown Limestone, Thebes limestones and the deep marine syn-rift Miocene Rudeis shales, have probably contributed also.

### ➤ Reservoirs:

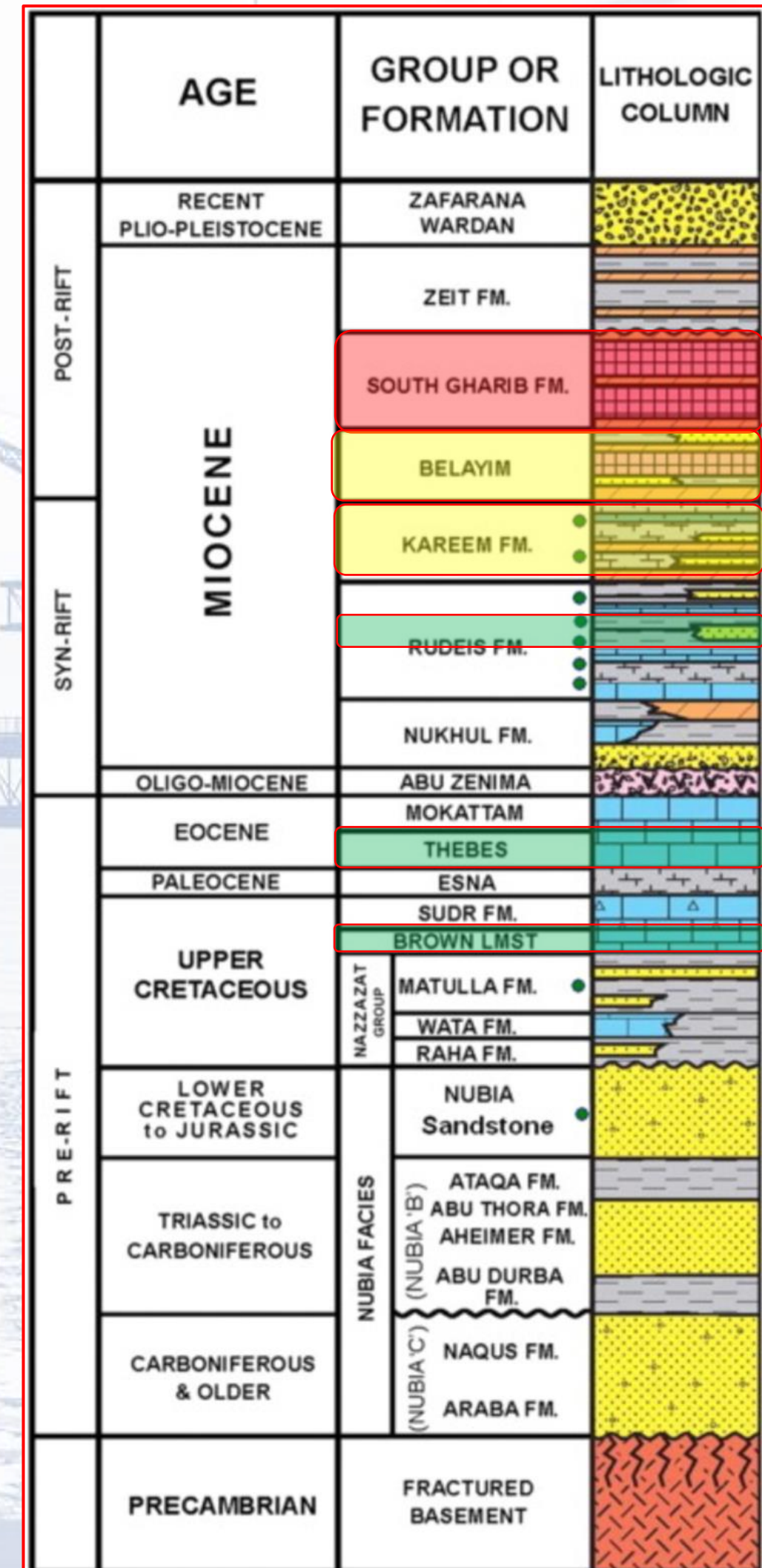
The main reservoirs in E. Badri block is the Miocene age (Belayim & Kareem Fms)

### ➤ Seal:

Main vertical seal is Anhydrites & Salts of South Gharib Fm in addition to the shales of Kareem Formation.

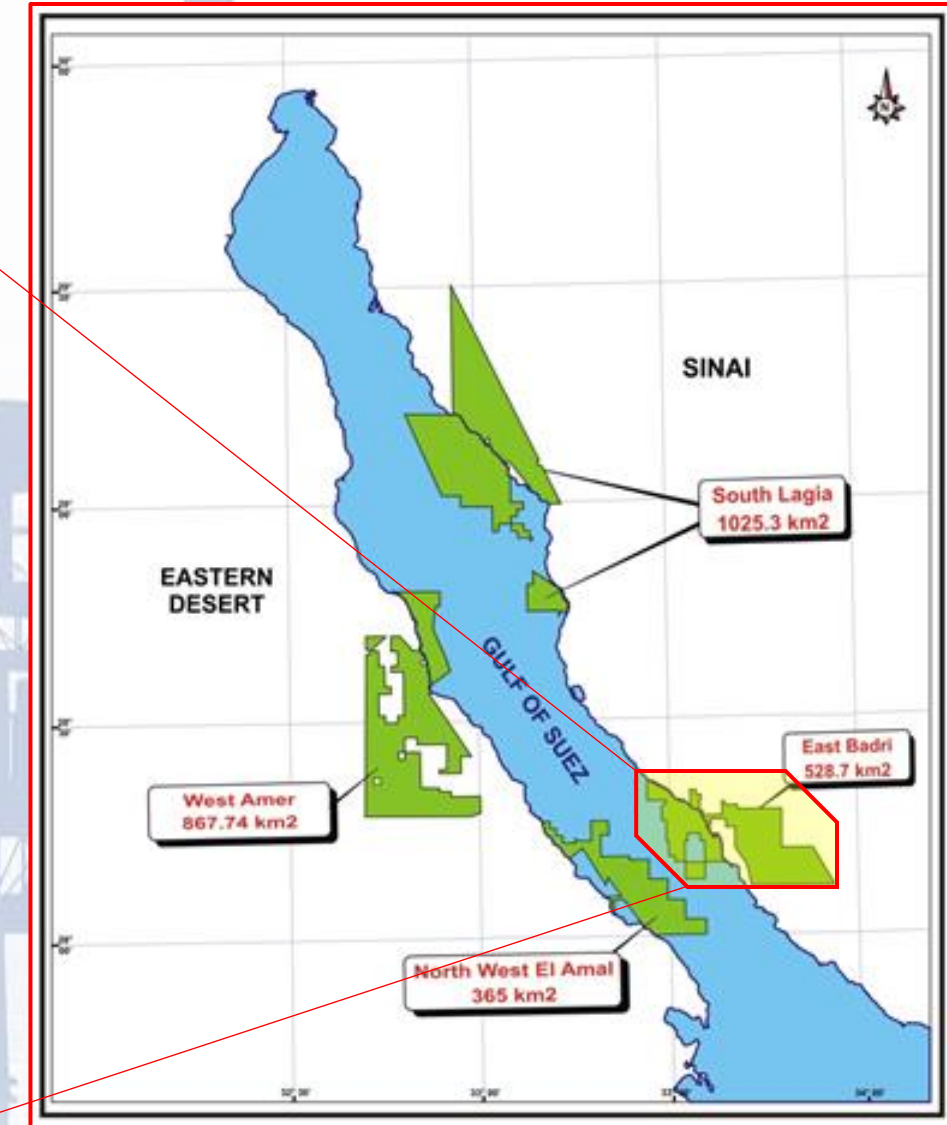
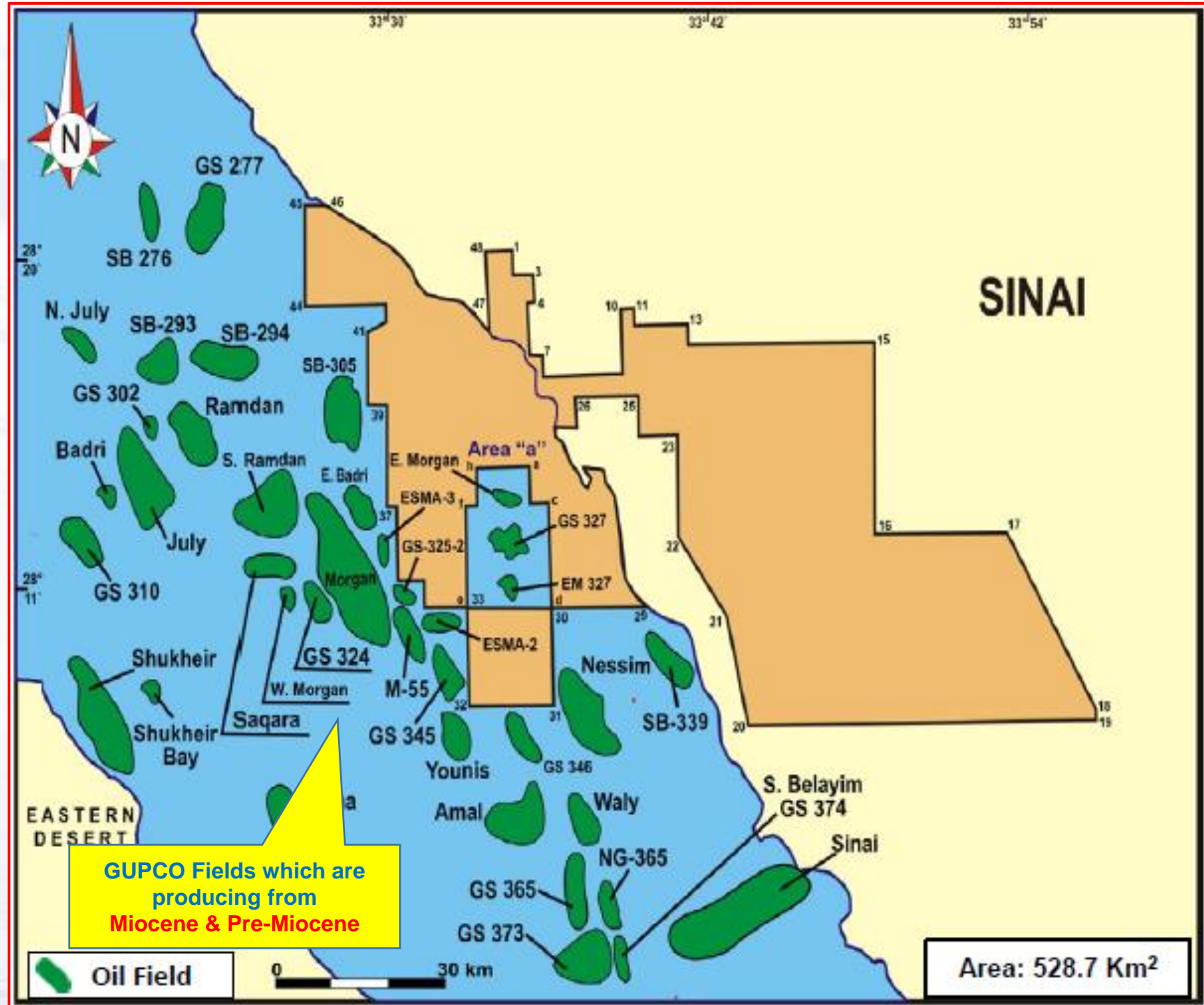
### ➤ Trap Mechanism:

The Block have mainly structure trap rotated Tilted fault block and horst block.





## Nearby Fields & Productivity



### Nearby Fields:

The area is surrounded by a number of oil fields (S. Belayim, E. Morgan, Badri, GS 327, ESMA-3, ESMA-2, El Morgan, Younis, GS 345, GS 346, Nessim & SB 339) operated by BP/ GUPCO