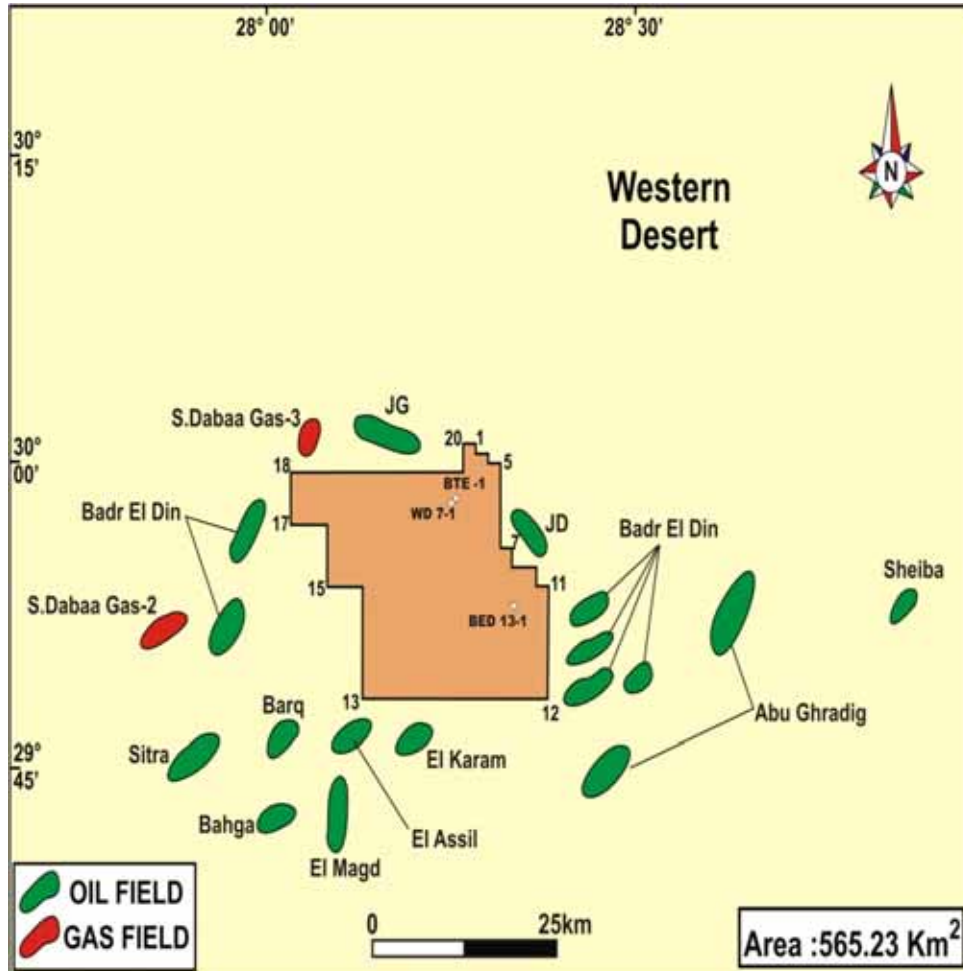




EGPC

N. ALAM EL SHAWISH BLOCK



LOCATION :

The block is located in the northern geological domain of the Western Desert in the western portion of Abu El Gharadig basin which is one of the most important basin in the WD.

TOTAL AREA : 565.23 Km² .

NEARBY FIELDS :

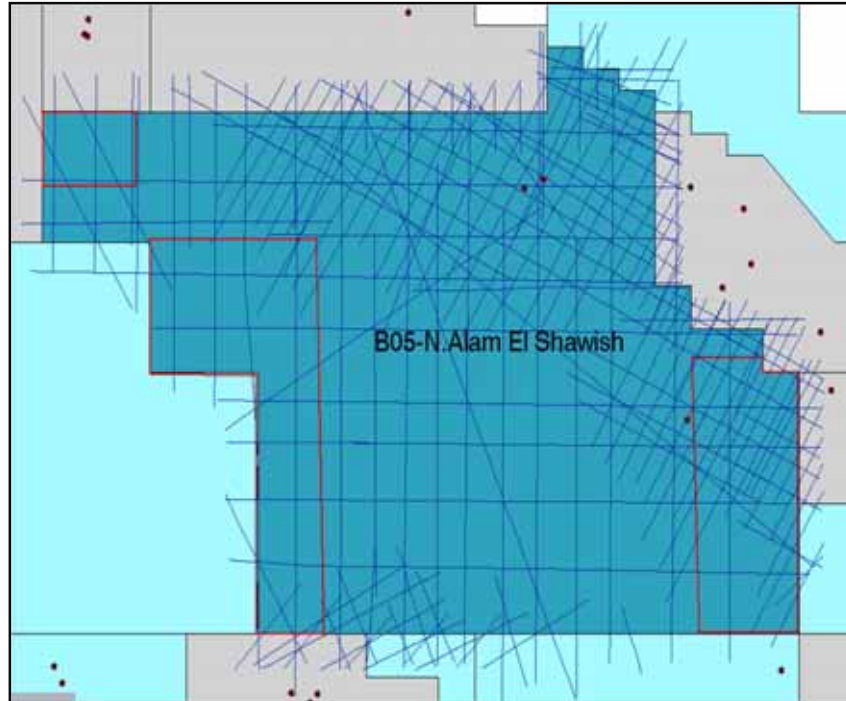
BED, Sitra, El Assil, El Karam, Barq, JG, JD oil fields and S. Dabaa gas fields.

Coordinates

	LAT.	LONG.	LAT.	LONG.
1	- 30° 01' 30.00"	28° 18' 00.00"	11- 29° 54' 00.00"	28° 24' 00.00"
2	- 30° 01' 00.00"	28° 18' 00.00"	12- 29° 48' 00.00"	28° 24' 00.00"
3	- 30° 01' 00.00"	28° 19' 00.00"	13- 29° 48' 00.00"	28° 09' 00.00"
4	- 30° 00' 30.00"	28° 19' 00.00"	14- 29° 54' 00.00"	28° 09' 00.00"
5	- 30° 00' 30.00"	28° 20' 00.00"	15- 29° 54' 00.00"	28° 06' 00.00"
6	- 29° 56' 00.00"	28° 20' 00.00"	16- 29° 57' 00.00"	28° 06' 00.00"
7	- 29° 56' 00.00"	28° 21' 00.00"	17- 29° 57' 00.00"	28° 03' 00.00"
8	- 29° 55' 00.00"	28° 21' 00.00"	18- 30° 00' 00.00"	28° 03' 00.00"
9	- 29° 55' 00.00"	28° 23' 00.00"	19- 30° 00' 00.00"	28° 17' 00.00"
10	- 29° 54' 00.00"	28° 23' 00.00"	20- 30° 01' 30.00"	28° 17' 00.00"



N. ALAM EL SHAWISH BLOCK



SEISMIC SURVEY :

- 1561 Km 2D .
- 144 km² 3D .

NUMBER OF WELLS :

- 3 WELLS .

PREVIOUS CONCESSIONNAIRE :

- SHELL .

NO.	WELL NAME / NEW NAME	COMPANY	SPUD. DATE COMP. DATE	LAT. LONG.	T.D. FEET	FORMATION REACHED	FINAL STATUS
1	BED 13-1 (Hi 34-1)	BAPETCO	10/05/1987 15/08/1987	29° 52' 55.5" 28° 20' 54.7"	15,784	Abu Roash "A"	P & A
2	BTE -1 (Hj 33-2)	SHELL	26/03/1997 29/09/1997	29° 58' 27.3" 28° 16' 55.6"	18,078	KHARITA	P & A
3	WD 7-1 (Hj 33-1)	AMOCO	16/05/1972 05/07/1972	29° 58' 15.0" 28° 16' 24.0"	12,431	Maestrichtian	P & A with Gas shows in Eocene & U. Cretaceous



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N. ALAM EL SHAWISH BLOCK

STRATIGRAPHIC COLUMN OF THE AREA

AGE		FM. / Mb	LITHOLOGY	SOURCE ROCK
OLIG.- MIOC.		MOGHRA FM.		
LATE EOC.-OLIG.		DABAA FM.		
PAL.-MID EOC.		APOLLONIA FM.	A	
			B	
			C	
			D	
SENONIAN		KHOMAN FM.	A	
LATE CRETACEOUS	TURONIAN	ABU ROASH	A	
			B	
			C	
			D	
			E	
			F	
			G	
LATE CENOM.				
EARLY CENOM.	BAHARIYA FM.			
ALBIAN	KHARITA FM.			
APTIAN	DAHAB Mbr	ALAMEIN FM.		
	CARBONATE Mbr.			
BARREMIAN	ALAM EL BUEIB FM.			
NEOCOMIAN	BETTY FM.			
MID	MASAJID			
	KHATATBA FM.			
EARLY	WADI EL NATRUN FM.	BAHREIN FM.		
PALEOZOIC				
PRE-CAMBRIAN		BASEMENT		

Charge and Source Rocks :

- The Jurassic shales of the Khatatba Formation and the interbedded shales throughout Alam El Bueib and Abu Roash are the main source rocks for the block.
- The area is feeding by Abu EL Gharadig basin.

Potential Reservoirs :

- Sandstones of Bahariya Formation.
- Abu Roash E sand as a second target.

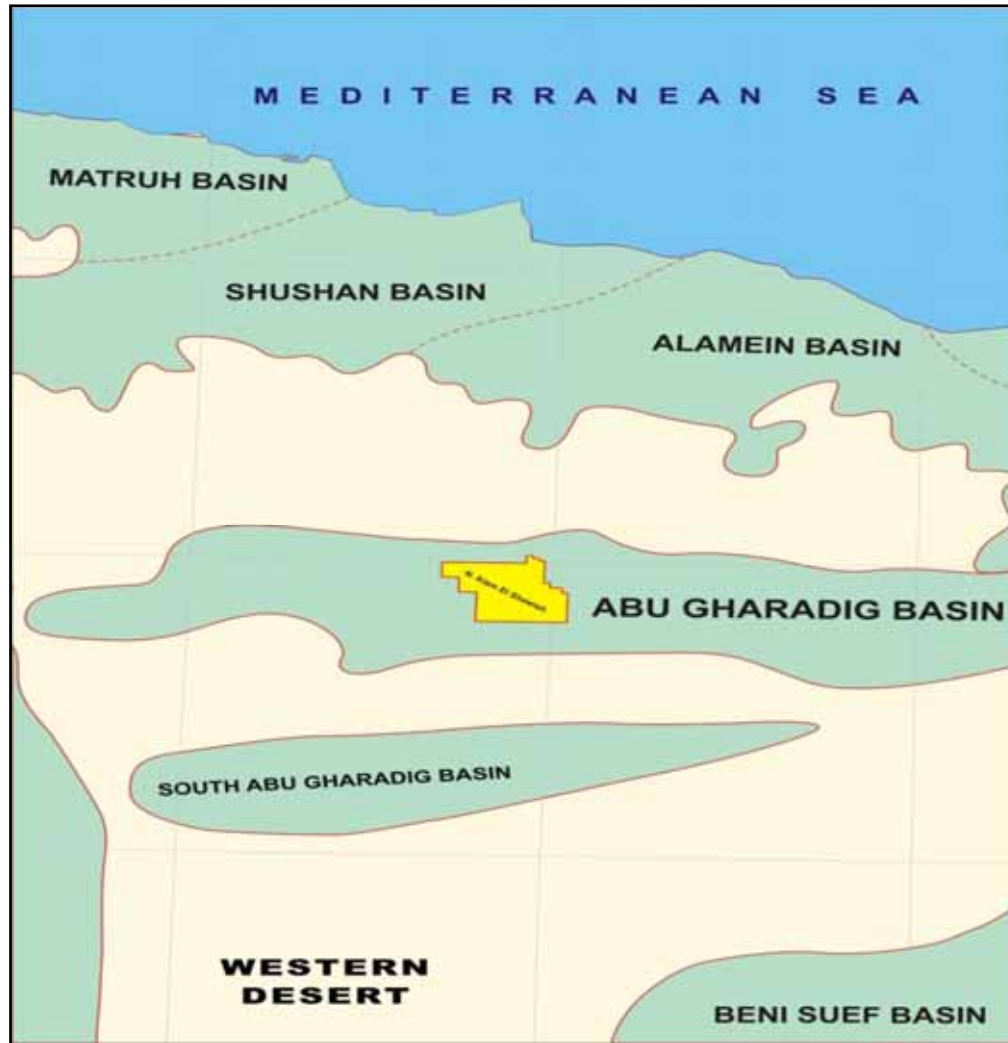
Seals :

- Intra formational shales and limestones of the Bahariya Fm.
- Abu Roash limestone and shale succession which act as vertical and lateral seal for the Bahariya reservoir.



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N. ALAM EL SHAWISH BLOCK



Structural Setting :

- *The block is affecting mainly by Abu El Gharadig basin which trending east-west and considered one of the most significant tectonic features of the Western Desert.*