

*Arab Republic of Egypt*

*Ministry Petroleum and Mineral Resources*

**South Valley Egyptian Petroleum Holding Company  
(Ganope)**

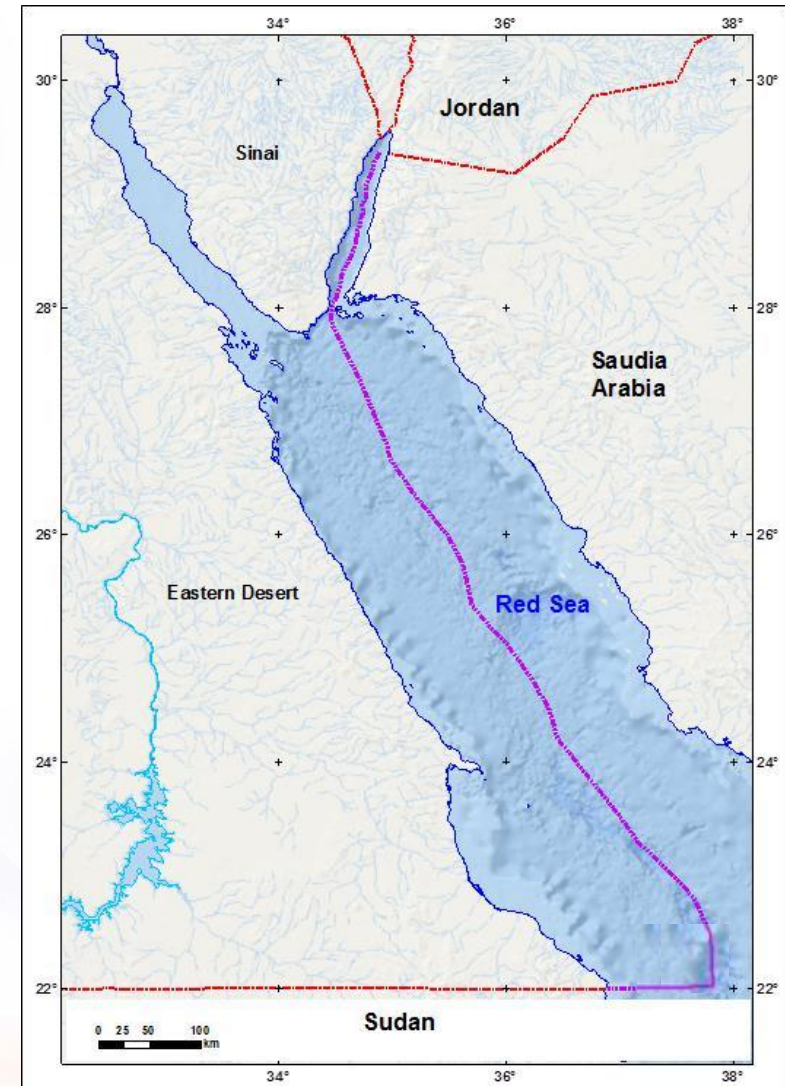
**Offshore Red Sea International Bid Round /2019  
For Oil and Gas Exploration and Exploitation**

**Petroleum Systems and Play Concepts  
Future Exploration of the Red Sea**

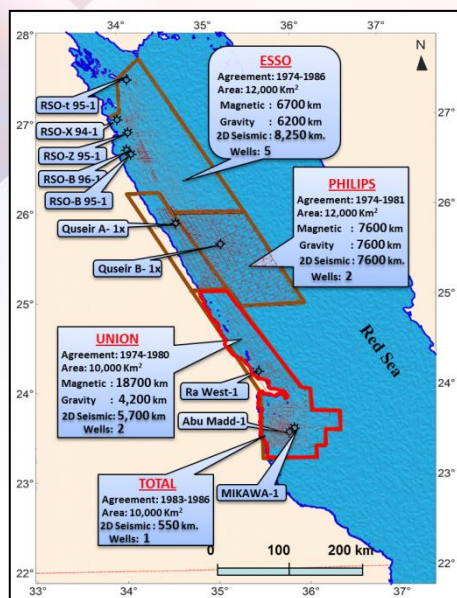
## The Egyptian sector of the Red Sea attains:

- ❑ Area: 66,000 km<sup>2</sup>
- ❑ Length: ~800 km .
- ❑ Width: ranges from 120 to 150 km.
- ❑ Water Depth: from 50 to 1150 m.

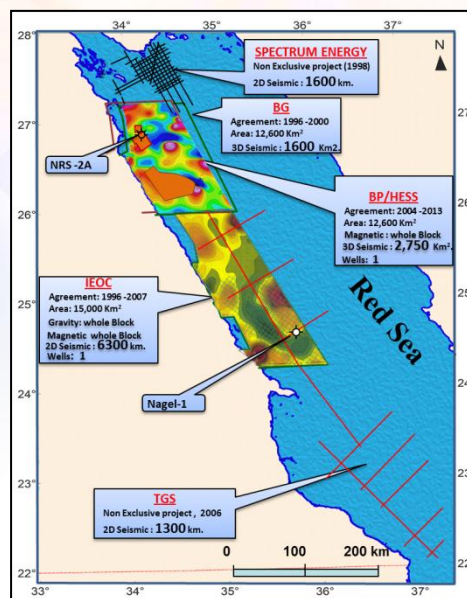
Approximately 40% of the Red Sea is relatively shallow and not deeper than 100 m (330 ft), about 25% is shallower and not deeper than 50 m (164 ft).



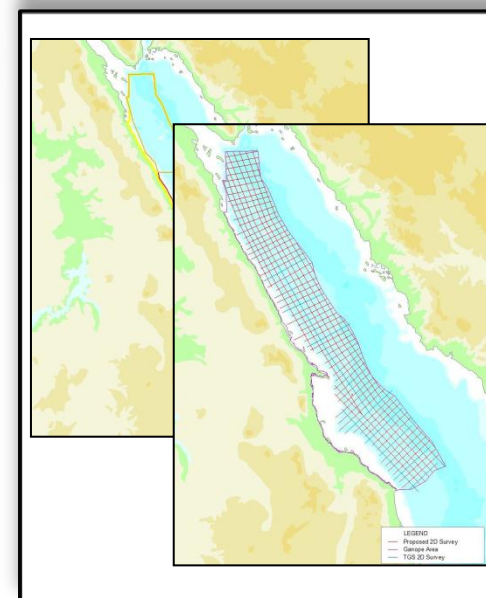
# Exploration History



60's - 80's



90's - 2013



PRESENT

- ☐ EXXON
- ☐ PHILLIPS
- ☐ UNION
- ☐ TOTAL

- ☐ BP
- ☐ ENI
- ☐ BG
- ☐ HESS

**A New Approach  
(Multi-Client  
Project)**





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## **Pre- Miocene Reservoir Nubia Sandstones.**



## **Middle Miocene Carbonate Reservoir**



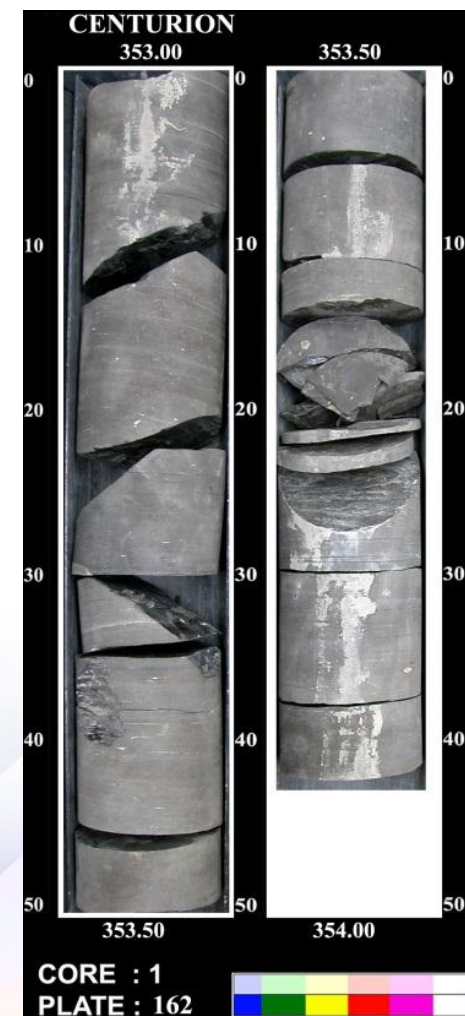


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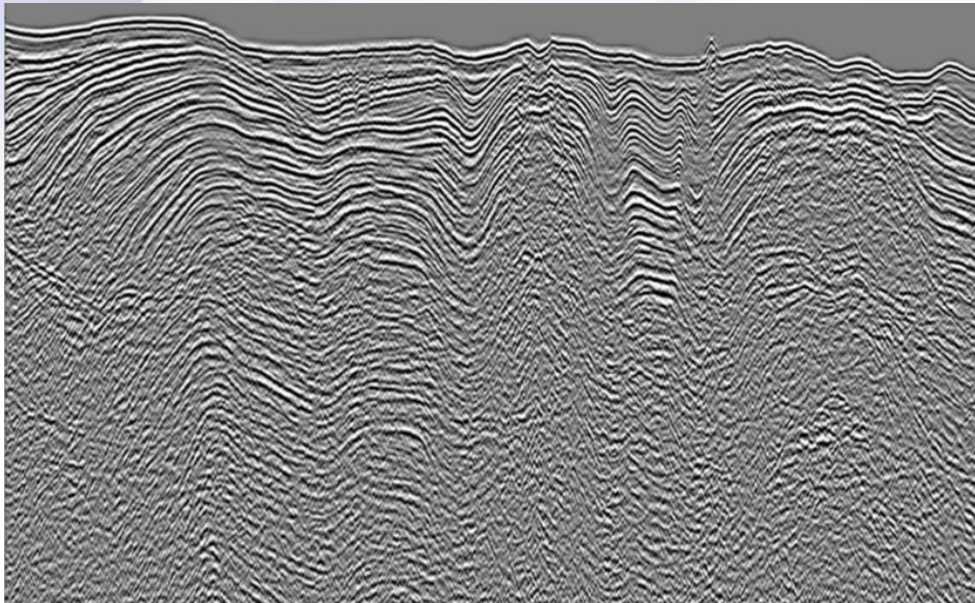
## Proven Source Rock.



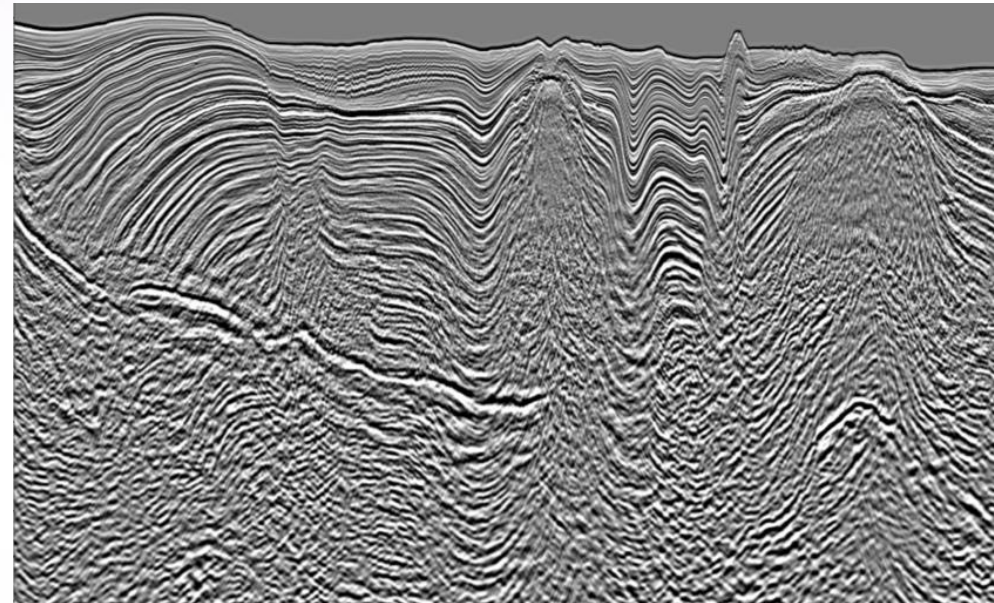


# A New Data for A New Exploration Era

## Improved Subsurface Imaging



**Legacy Data**

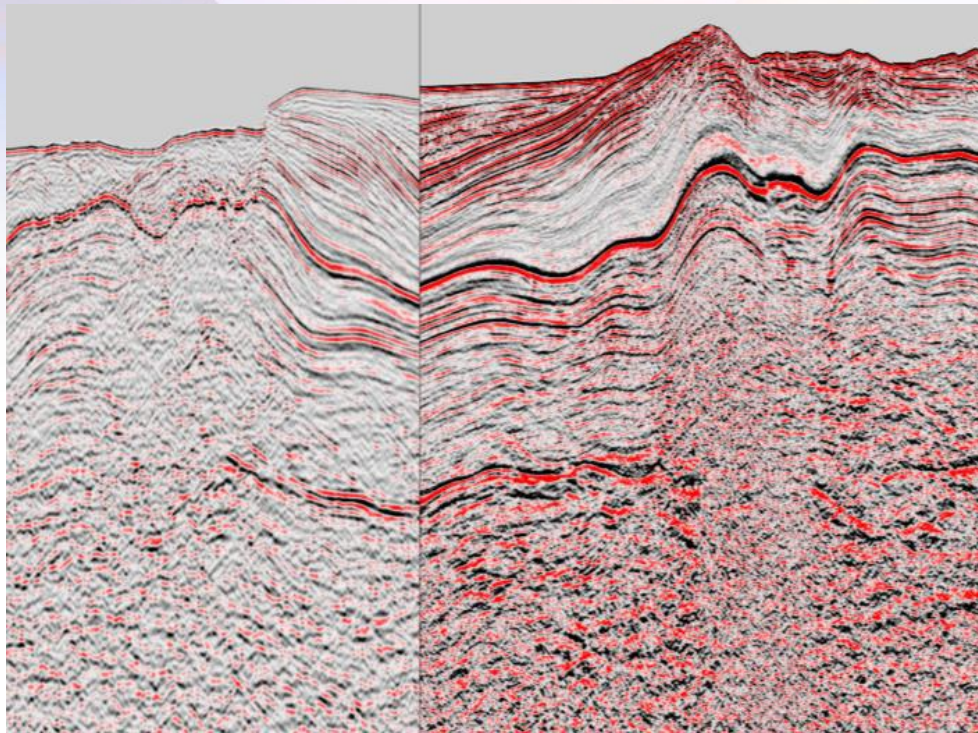


**RS 2018**

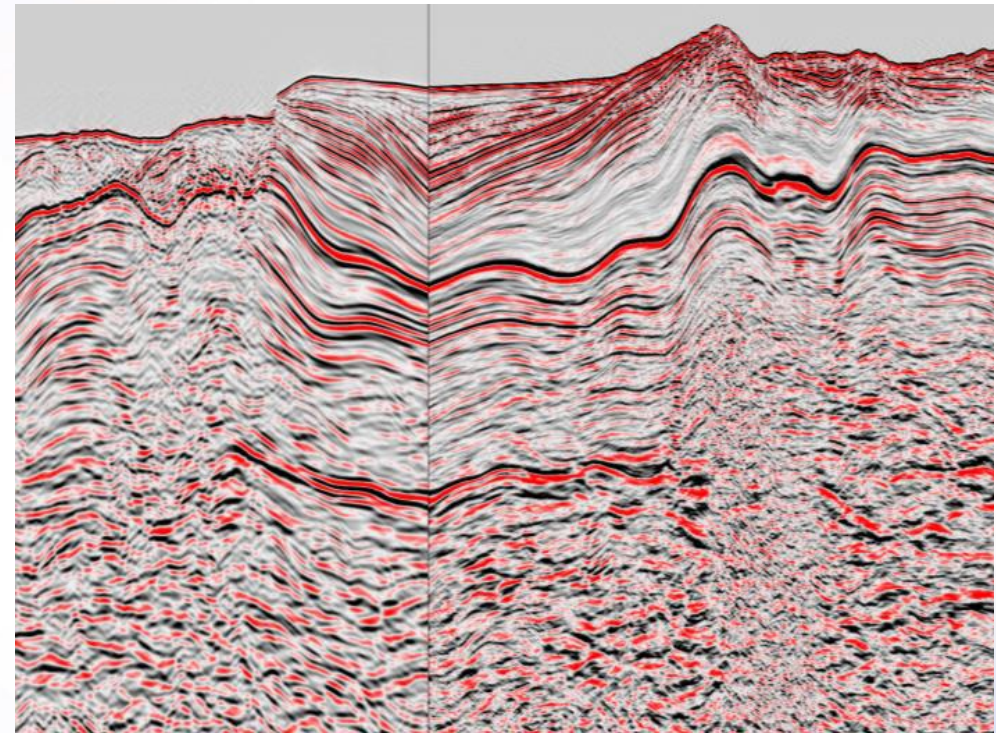


# A New Data for A New Exploration Era

## Legacy Data still hold high value



**Different Vintages 2D intersected lines before  
Post Stack Reprocessing**



**Different Vintages 2D intersected lines after  
Post Stack Reprocessing**





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# **Future Exploration of the Red Sea**

## **It's really Just the Beginning**