

## **AVAILABLE REPORTS**

### **→ NIGER DELTA Six Detailed Reports**

#### **GEOLOGICAL EVALUATION STUDY OF THE NIGER DELTA**

This report contains a statistical/historical approach, over 40 general maps and graphs in page-size format, a detailed structural map at 1:500,000 with all oil and gas fields and 16 subsurface cross-sections based on over 200 well summaries. This study (Cost US\$20,000.-) sets the stage for the **5 detailed reports** below.

#### **DETAILED STUDY OF DISCOVERIES NOT PLACED IN PRODUCTION** (onshore and shelf)

These discoveries are now made available by the authorities. This report consists of 50 index sheets (1 per block) detailing 200 discoveries amounting to 2200 MMBO of recoverable reserves that have not been produced. Included are listings per company and a 1:500,000 scale distribution map of unproduced fields and discoveries, ranked and plotted in color-coded categories. An updated electronic listing of all oil, condensate and gas discoveries and related exploration and appraisal wells is also available. (Cost US\$30,000.-).

#### **DETAILED STUDY OF “ACCESSIBLE” BLOCKS**

This study is intended for operators needing funding or looking for technical and/or financial partners, in blocks that have been insufficiently explored or overlooked/neglected, whose potential has been underestimated. 37 such blocks are presented (most of them being exploration prone) with a detailed index sheet per block, a summary of exploration results; potential and rating are summarized on a 1:500,000 scale map (Cost US\$20,000.-).

#### **DETAILED STUDY OF THE DEEP WATER AREA**

This report contains a structural and prospect map at 1:500,000, seismic sections and a summary of results to-date (Cost US\$50,000.-)

#### **INVENTORY OF GAS RESERVES IN THE NIGER DELTA**

This report presents Nigeria's gas reserves and potential from a producer's standpoint. It includes a data base, a 1:500,000 map with figures of reserves produced and not produced, reserves industrially used and density of reserves per block per 100 km<sup>2</sup>, a page size format of the density of reserves per 100 km<sup>2</sup> and graphs with reserves cumulated, on stream, produced and unproduced.

### **STUDY OF OIL FIELDS PRODUCTION**

Includes a data base with detailed productions and producing wells for all fields. Some of the fields may be used as references to help assessing the economics of unproduced discoveries (marginal fields).

#### **About the author:**

The author of the above reports on the Niger Delta is an Exploration Geologist, retired from Elf, with 25 years of experience in the Niger Delta as Chief Geophysicist, Exploration Manager & Consultant.

The reports, based on the author's own data base and personal knowledge, are presented in an accessible and detailed manner; they cover various investment opportunities currently existing in the Niger Delta. They may be purchased separately or as a set.

The purchase of any report gives access, in the author's office in southern France, to the data and information on which the report is based. Upon request, a one-day presentation of the report(s) can be organized, at the Client's office (at incurred costs) or at the author's office in France, with accommodation available in a nearby countryside hotel.

## **NIGER DELTA**

### **GEOLOGICAL EVALUATION STUDY OF THE NIGER DELTA**

#### **LIST OF HISTOGRAMS, GRAPHS, FIGURES & PLATES**

##### **Page size format (35 documents)**

S. Nigeria: Magnetic accidents map & time map of acoustic basement. 1/5,000,000

S. Nigeria Magnetic accidents map & sedimentary cover isopachs. 1/5,000,000

Histograms 1950 to 2000:

- Exploration wells (Cretaceous, delta onshore, offshore-shelf, & deep-water offshore).
- Annual & cumulated exploration wells (with discovery ratio).
- Annual exploration wells (with discovery ratio) & total annual IRR.
- Annual discovery ratio & max, mean annual discoveries.
- Total annual & cumulated IRR with total annual & cumulated first-on-stream.
- Daily & annual production.
- Cumulated IRR, first-on-stream & production.

Graphs:

- Distribution of discoveries in classes.
- Fields & discoveries sizes distribution (log/log scale).

S. Nigeria: Density of exploration wells (No. of exploration wells per 100 km<sup>2</sup>). 1/2,500,000

S. Nigeria : Total IRR per 100 km<sup>2</sup>. 1/2,500,000

S. Nigeria: Density of discoveries (No. of discoveries per 100 km<sup>2</sup>). 1/2,500,000

S. Nigeria: Mean IRR per 100 km<sup>2</sup>. 1/2,500,000

S. Nigeria: Success Ratio per 100 km<sup>2</sup>. 1/2,500,000

Niger Delta Terrain map. 1/2,500,000

Niger Delta: Mining domain. 1/2,500,000

Synthetic structural map of the delta. 1/2,500,000

Fields and undeveloped discoveries distribution map. 1/2,500,000

Lithostratigraphic synopsis,

Interpreted geological section across the delta.

Top Agbada Fm. map. 1/2,500,000

Base Agbada Fm. map. 1/2,500,000

Isopach map Agbada Fm.. 1/2,500,000

Top geopressures map. 1/2,500,000

Velocity gradients map. 1/2,500,000

Present mean geothermal gradient map. 1/2 500 000

Present top of oil generating window ( $V_r = 0.65$ ). 1/2,500,000

Organic matter study (organic matter type and content). 1/2,500,000

Examples of .HI/OI plots.

Relationship between geotemperature and lithology

Relationship between HC occurrences and pore pressure.

Oil densities distribution.

##### **Large size documents:**

16 subsurface geological cross sections integrating 220 wells. Vert. scale: 1/20,000. Hor. scale 1/500,000

- Dip direction: 9 cross sections.
- Strike direction (along the depot-belts): 7 cross sections.

Structural map of the delta (onshore, offshore-shelf & deep water), 1/500,000

2 maps of the Western Delta and Eastern Delta, with oil & gas fields.

**NIGER DELTA**  
**DETAILED STUDY OF DISCOVERIES NOT PLACED IN**  
**PRODUCTION**

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  - 4.5. Texaco
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    - Dubri
    - Panocean
    - Cavendish
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    - Queen
    - Summit
    - Mareena
    - Petroleum Production

ENCLOSURES

- Listings of Unproduced Discoveries per Decreasing Order of IRR per Company
- Index Sheets of Discoveries per Block (50 index sheet)

**NIGER DELTA**  
**DETAILED STUDY OF “ACCESSIBLE” BLOCKS**

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**NIGER DELTA**  
**DETAILED STUDY OF THE DEEP WATER AREA**

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- 2.0 DEEP-WATER STUDY
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    - Last Mega-Structure / Depo-Belt of the Shelf
    - Deep Water Province
    - Drilling and results
    - Value and Potential of the Undrilled Blocks and of Those Recently Attributed
  - 2.3. Ultra Deep-Water
- 3.0 SELECTED BIBLIOGRAPHY

FIGURES/ENCLOSURES

- Deep-Water lease Map
- Synthetic Structural Map of the Delta at 1/2,500,000 scale
- Southern Nigeria. Magnetic Accidents Map. Sedimentary Cover Isopachs. Map at 1/5,000,000
- Drilling and Results
- Deep-Water. Structural and Prospect Map at 1/500,000.









