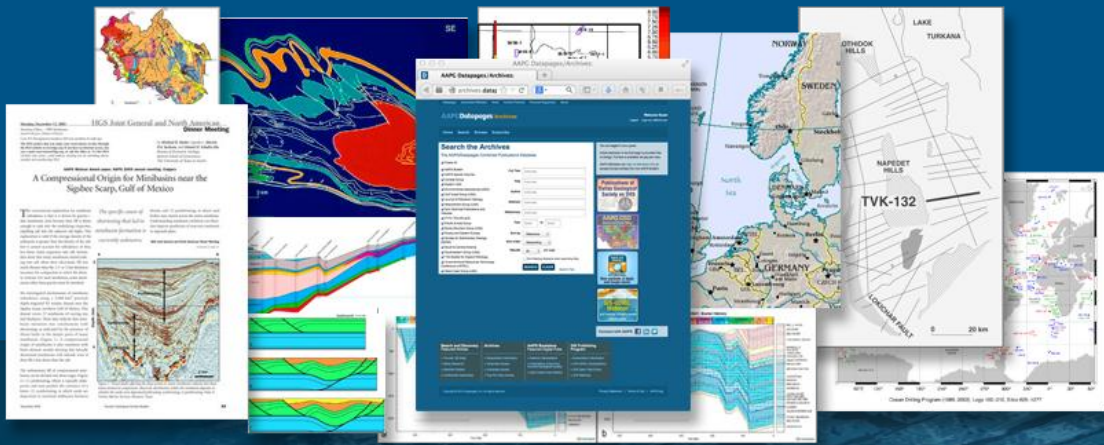


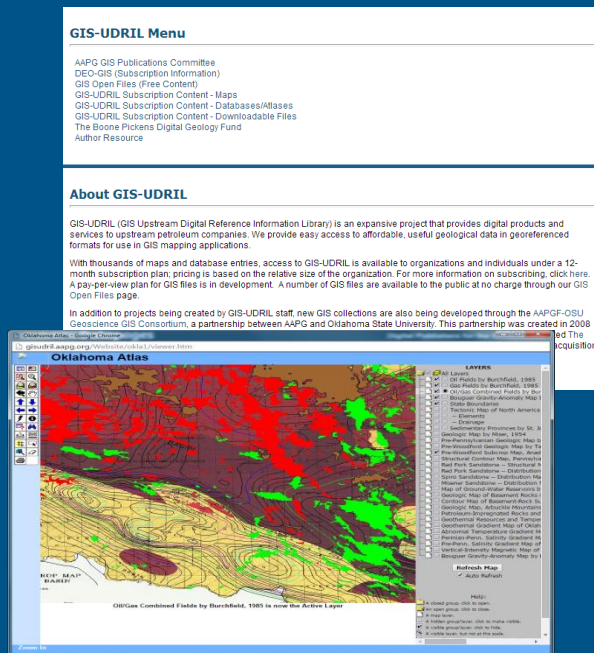
# About AAPG Datapages

- Datapages was founded more than 25 years
- Wholly-owned subsidiary of AAPG
- 100 years of publishing history - electronic access to AAPG Bulletin, Memoirs, Special publication

- AAPG-Datapages - World leader in Petroleum Geology Information
- Our content also includes publications from over 60 other societies
- SEARCH AND DISCOVERY, GIS-UDRIL, THE ARCHIVES, DEO-GIS



# ARCHIVES





## Datapages Exploration Objects™

What's **NEW**

Basemaps Selection Tools Overlays: Labelling Basins Location, Basin, Formation...

Version 1.2.0

### MAP-BASED SEARCH FOR EXPLORATION OBJECTS

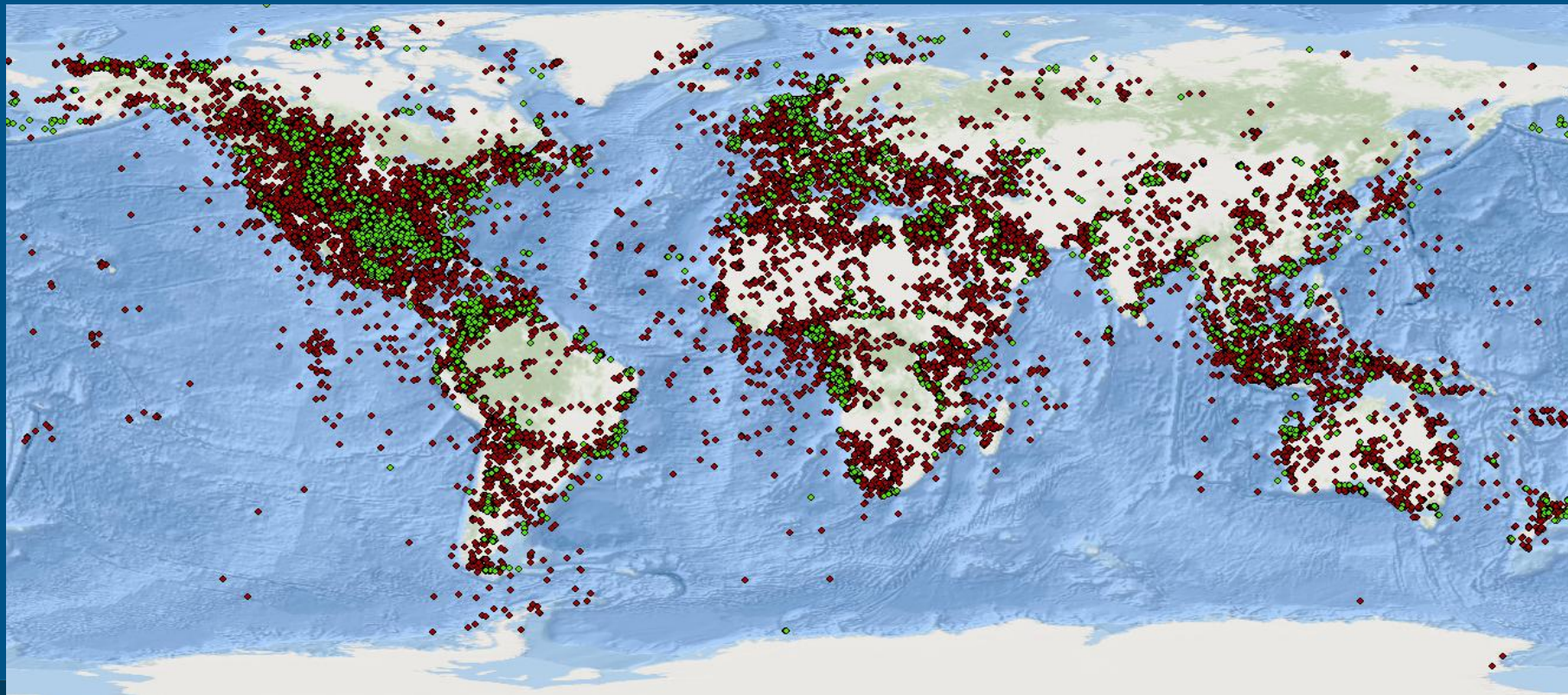
Maps  
Cross-sections  
Seismic Sections  
Well logs  
Photomicrographs  
Cores  
Variety of other figures

GEBCO, IHO-IOC GEBCO, NGS, DeLorme | Esri, HERE





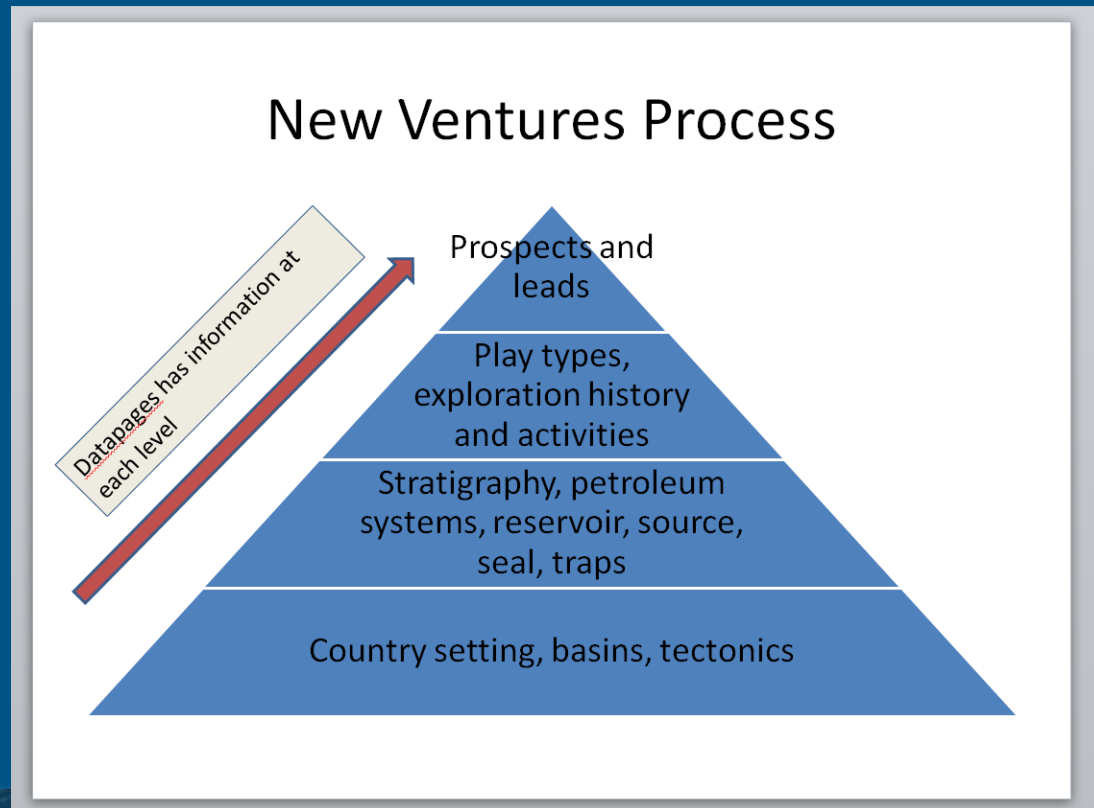
# DEO Today





# Examples for New Venture Screening & Data Type

- Basin
- Play Types
- E&P Activities
- Reservoir
- Source
- Seal
- Economics



# Basin Location and Geology

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## Datapages Exploration Objects

Basemaps Selection Tools Overlays: Basins

AAPG

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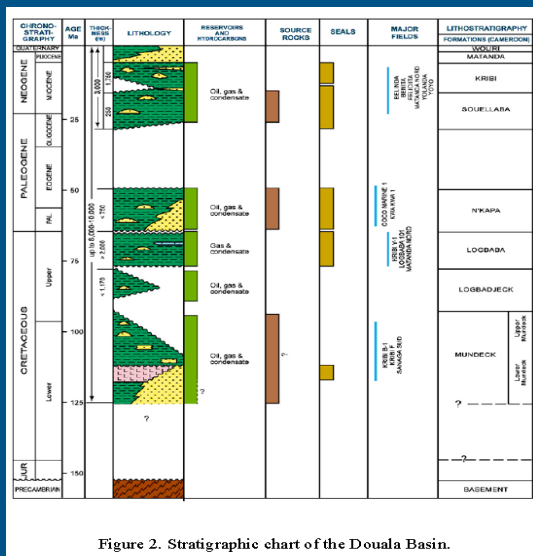


Figure 2. Stratigraphic chart of the Douala Basin.

## Basin Stratigraphy

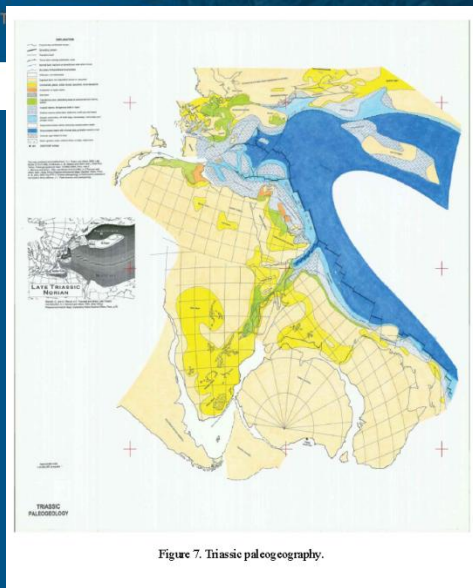
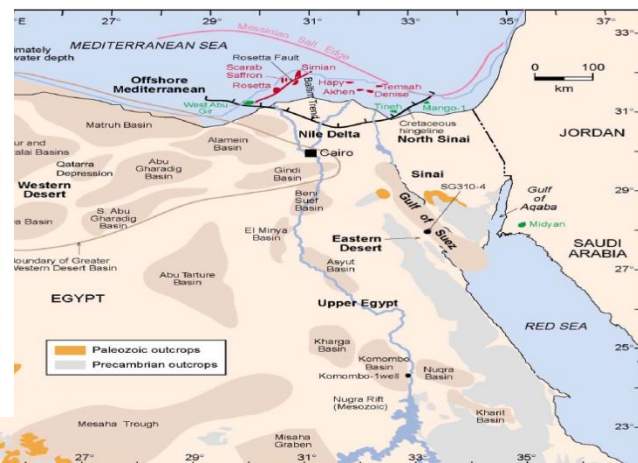


Figure 7. Triassic paleogeography.

## Paleogeography

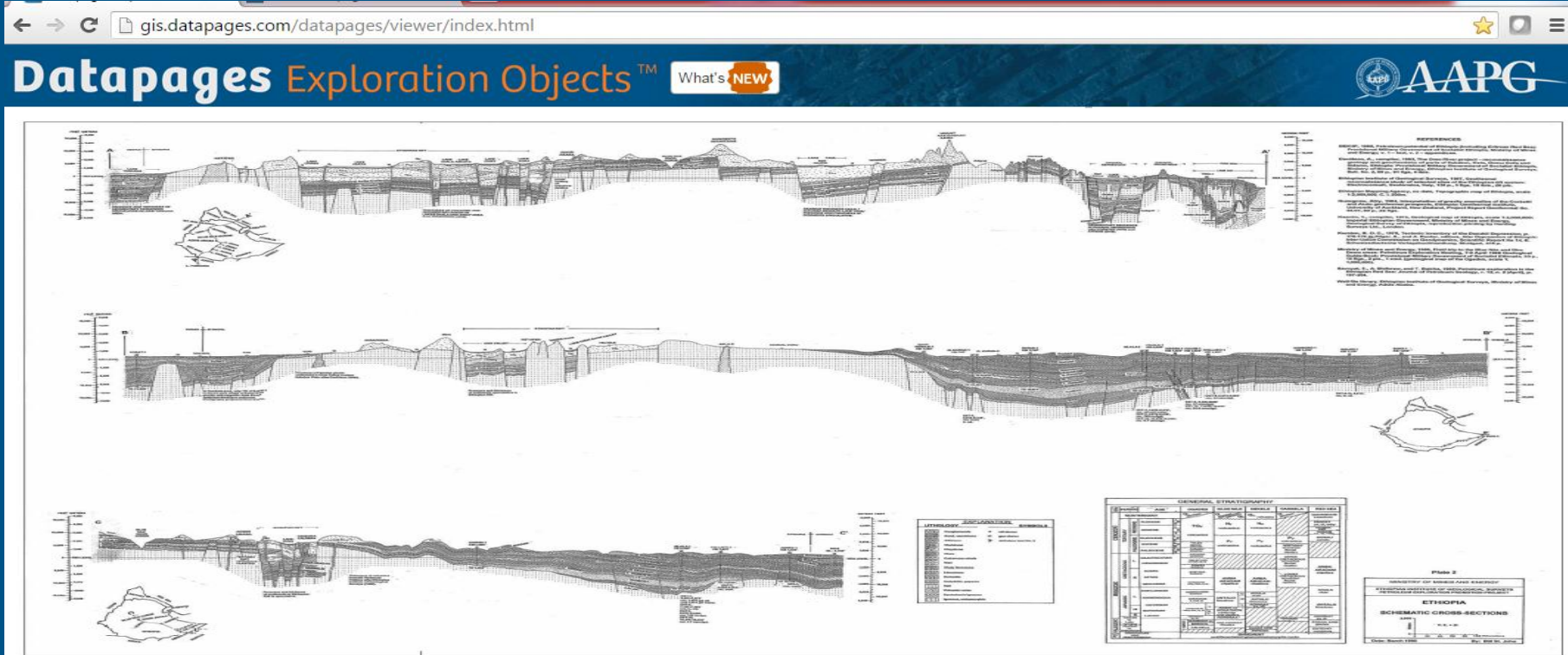


Sedimentary basins of Egypt (after Dolson et al., 2001).

## Sedimentary Basins of Egypt



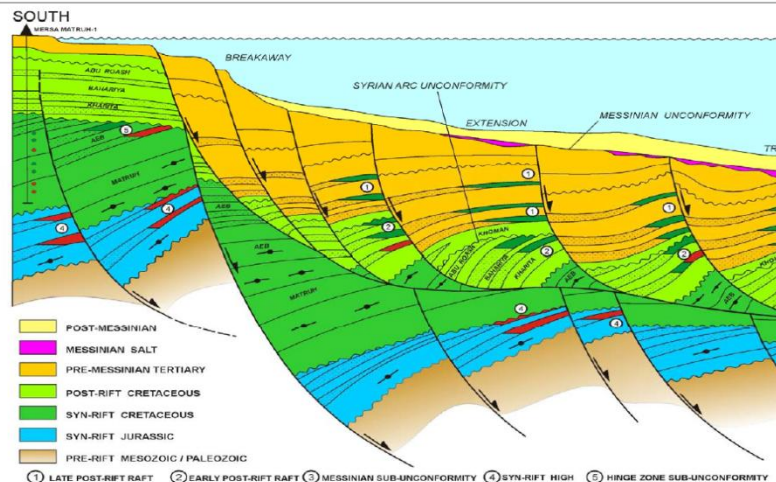
# Basin Cross-section, Ethiopia



# Play Types

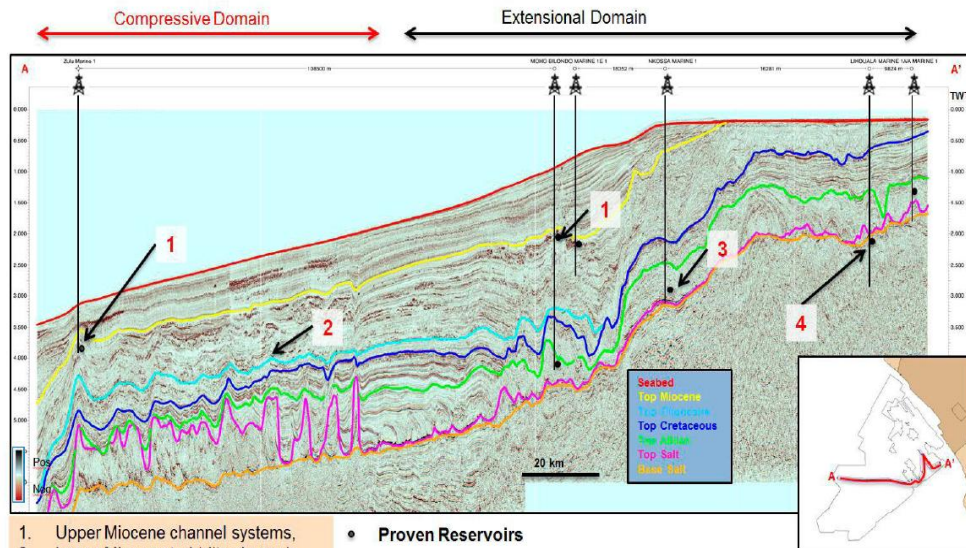
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Datapages Exploration Objects™ What's NEW



Play types, shelf and upper slope, Offshore Obaiyed, Egypt. The Alpha Trend is associated with the supra-det

**Shelf and Upper slope,  
offshore Egypt**



1. Upper Miocene channel systems,
2. Lower Miocene turbidite channels,
3. Sendji Carbonates
4. Pre-salt sandstones

• Proven Reservoirs

**Play type Seismic**

Figure 2. East-west seismic cross section with major interpretation horizons and proven reservoirs representing four different play types.



# E&P Activities: Wells and Production

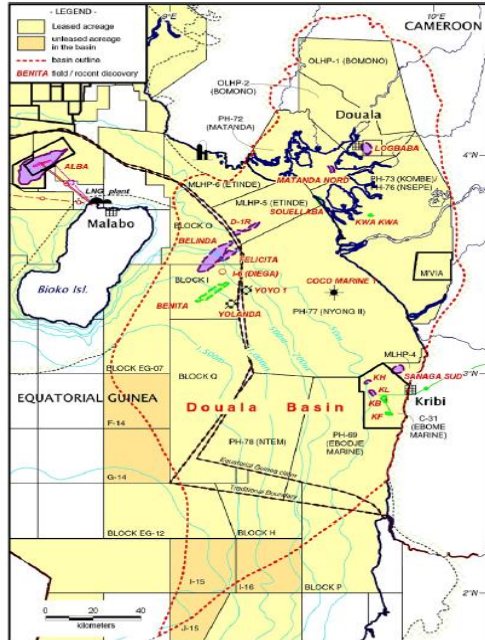


Figure 1. Location map.

## Well Location Map

## Exploration Well Drilled in Ethiopia

Table 2  
EXPLORATION WELLS DRILLED IN ETHIOPIA

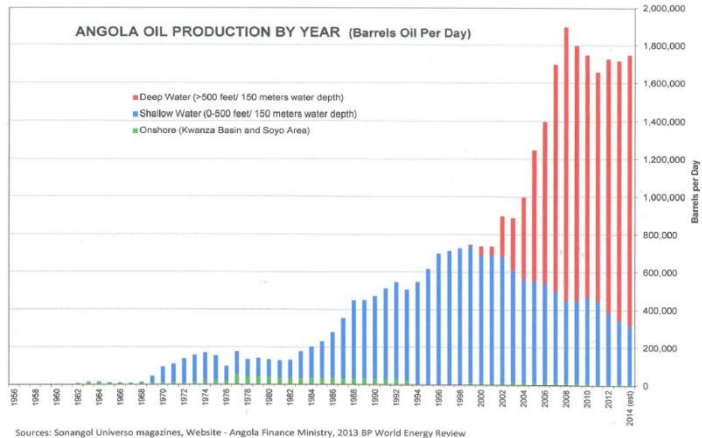
(most of well data from BECIP, 1989)

Well	Operator	Location	Year	Depth	Results
Gumboro-1	Sindair	09° 55' 12" N	1950	10,127'	P&A
XE-3	Sindair	07° 34' 00" N	1954	1,010'	Strat. test, P&A
Gatlad-1	Sindair	07° 11' 10" N	1955	9,686'	P&A with oil/gas shows
XC-3	Sindair	09° 30' 30" N	1955	3,890'	Strat. test, P&A
XC-4	Sindair	09° 30' 30" N	1955	3,815'	Strat. test, P&A
XD-2	Sindair	07° 05' 50" N	1955	230'	Strat. test, P&A
XD-2A	Sindair	07° 10' 00" N	1955	1,289'	Strat. test, P&A
XE-4	Sindair	07° 25' 00" N	1955	3,592'	Strat. test, P&A
XE-5	Sindair	07° 18' 00" N	1955	2,583'	Strat. test, P&A
XF-5	Sindair	07° 48' 00" N	1955	4,364'	Strat. test, P&A
XDE-1	Sindair	07° 30' 10" N	1956	3,600'	Strat. test, P&A
XE-3A	Sindair	07° 34' 00" N	1956	5,969'	Strat. test, P&A
XEF-1	Sindair	07° 24' 40" N	1956	5,300'	Strat. test, P&A
GX-2	Sindair	07° 03' 20" N	1956	317'	Strat. test, P&A
GX-3	Sindair	07° 03' 20" N	1956	3,505'	Strat. test, P&A
GX-4	Sindair	07° 03' 20" N	1956	4,519'	Strat. test, P&A
XEF-2	Sindair	07° 24' 40" N	1956	5,610'	Strat. test, P&A
Abed-1	Elwath	09° 30' 00" N	1963	10,185'	P&A
El Kuran-1	Tenneco	04° 43' 14" N	1972	10,462'	P&A with oil/gas shows
El Kuran-2	Tenneco	04° 43' 14" N	1972	6,610'	P&A
Callato-1	Tenneco	02° 38' 11" N	1973	10,636'	P&A
Magari-1	Tenneco	09° 08' 11" N	1973	11,730'	P&A with oil/gas shows
Calub-1	Tenneco	09° 08' 50" N	1973	12,139'	Gas discovery
Bodie-1	Tenneco	05° 08' 00" N	1974	12,831'	P&A
Gherbi-1	Tenneco	07° 23' 55" N	1974	6,483'	P&A
Hilata-1	Tenneco	06° 06' 00" N	1974	13,503'	Oil/gas discovery
Shilabo-1	SPEE	05° 11' 00" N	1983	9,514'	P&A
Hilata-2	SPEE	05° 05' 00" N	1983	7,874'	P&A
Hilata-3	SPEE	05° 05' 00" N	1984	7,874'	P&A
South Calab-1	SPEE	not available	1985	5,778'	P&A
FAI-1	SPEE	not available	1985	3,446m	P&A
Magari-2	SPEE	not available	1987	4,306m	P&A
Calub-2	SPEE	09° 09' 04" N	1987	3,732m	Gas well
Tuli-1	SPEE	not available	1987	4,010m	P&A
Calab-3	SPEE	09° 10' 00" N	1988	3,690m	Gas well
Calub-4	SPEE	09° 10' 12" N	1989	3,712m	Gas well
Calub-5	SPEE	09° 09' 12" N	1989	3,690m	Gas well
Calub-6	SPEE	not available	1989	3,805m	Gas well
Calub-7	SPEE	not available	1989	3,724m	Gas well
Calub-8	SPEE	not available	1991	3,714m	Gas well
Calub-9	SPEE	not available	1990	3,702m	Gas well
Shilabo-2	SPEE	not available	1990	3,425m	P&A
Gervale-1	EHOC	not available	1995	1,928m	P&A

(several of the Calub wells are injection wells)

Table 2. Exploration wells drilled in Ethiopia.

## Angola's Oil Production 1956 - 2014



## West Africa Oil Production – Current Production in BOPD (Barrels Oil Per Day)

Nigeria	2,200,000 BOPD
Angola	1,800,000
Congo Brazzaville	340,000
Equatorial Guinea	300,000
Gabon	240,000
Ghana	110,000
Chad	100,000
Cameroon	75,000
Ivory Coast	30,000
Congo DRC	25,000
Mauritania	2,000
<b>Total</b>	<b>5,222,000 BOPD</b>

# Reservoir Distribution and Characterization

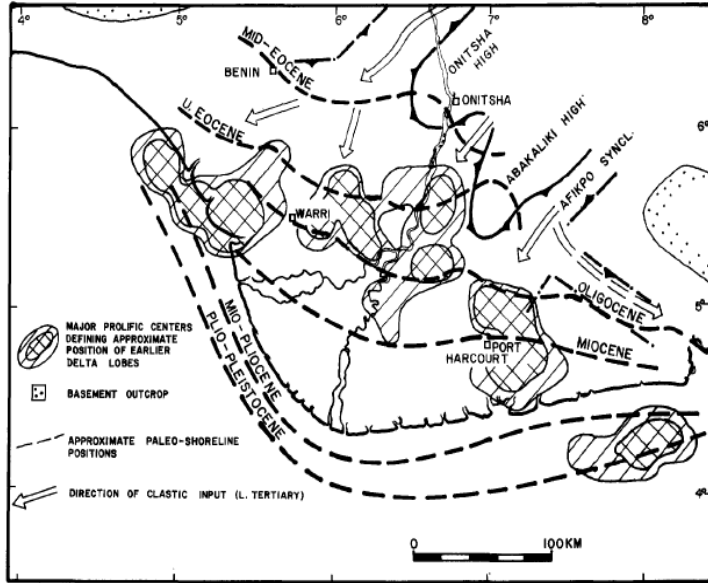
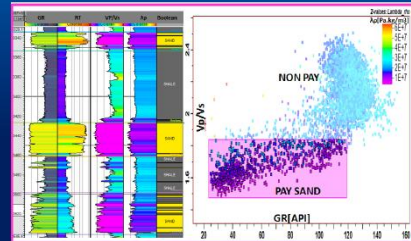
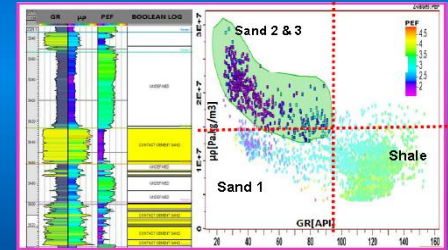
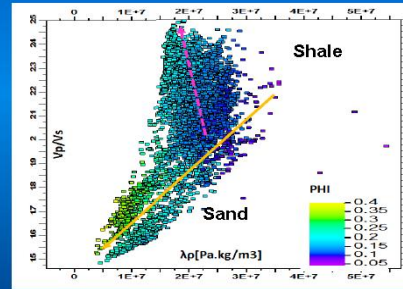


FIG. 5—Distribution of principal deltas of early Niger Delta system in relation to prolific centers. Paleoshorelines and direction of clastic input after Weber and Daukora (1975) and Evamy et al (1978).

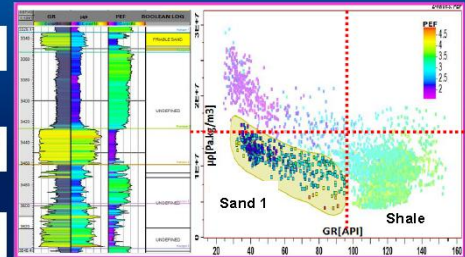
## Well log analysis and rock physics characterization



Sand 1  
17m

Sand 2  
34m

Sand 3  
40m



## Rock physics properties characterization of lithofacies



# Source Distribution and Heat Flow

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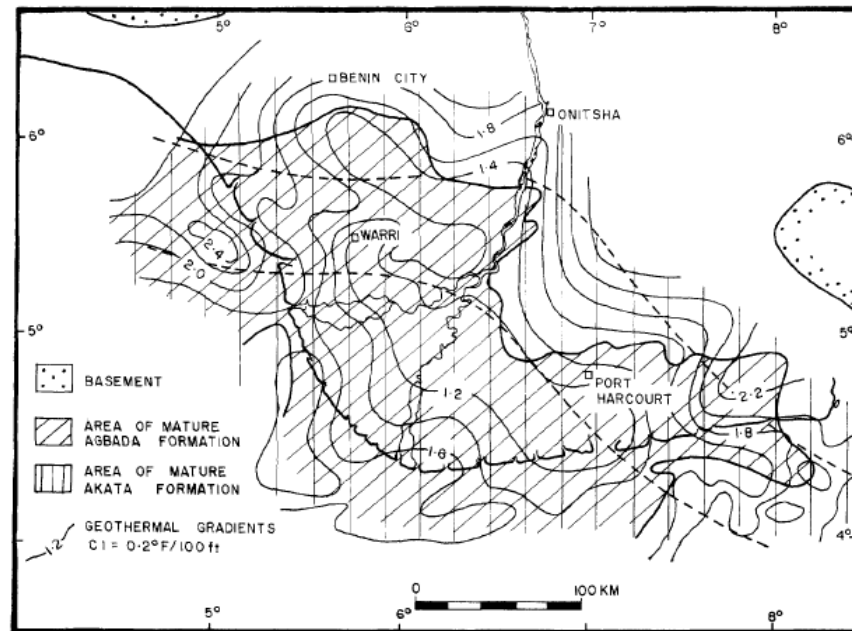
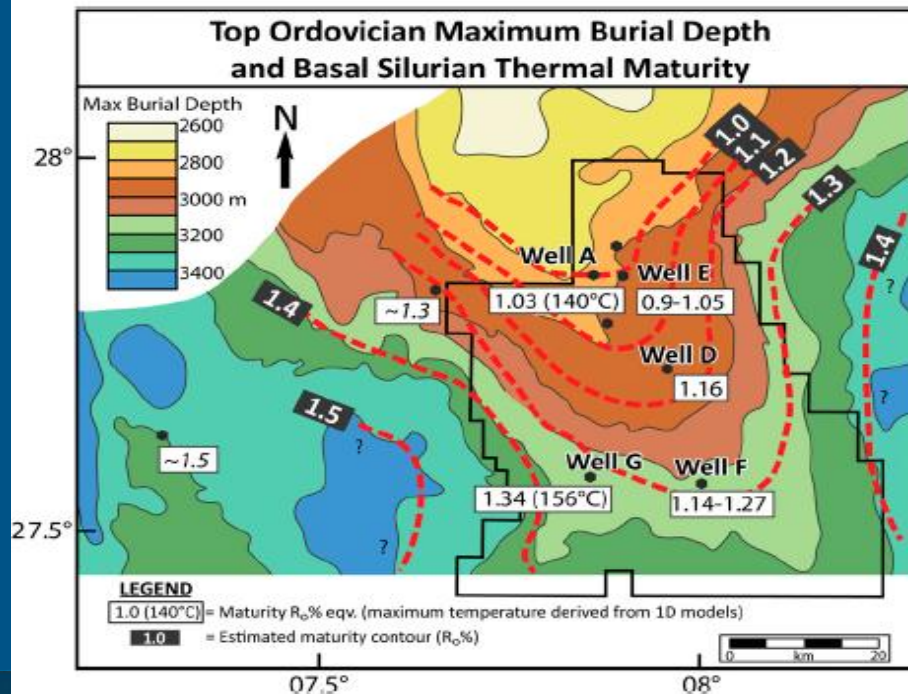
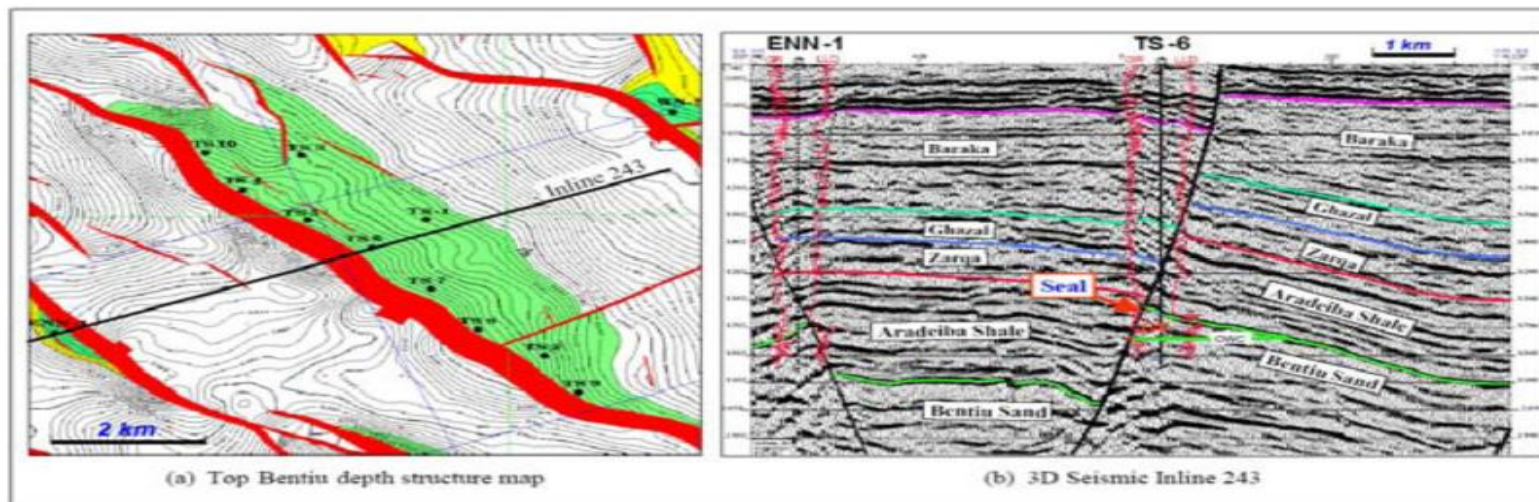


FIG. 8—Geothermal gradients (adapted from Aybovbo, 1976) and distribution of mature source rocks, Niger Delta basin, Nigeria.

# Seal

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**Figure 5. An excellent fault-sealing example. (a) The top Bentiu depth map shows a field charged to structural spill point with 140-m oil column. (b) 3D seismic section illustrates that the thick massive Aradeiba Shale (480 m) provided good top and lateral seal for Bentiu reservoir. The fault throw (430 m) is less than the thickness of Aradeiba Shale.**



# Economics

## Exploration/Development Economics and Fiscal Trends, Nigeria

491

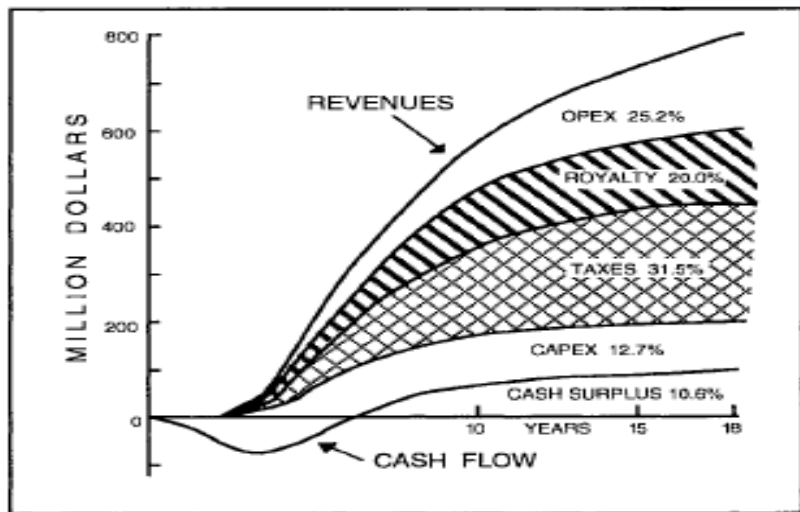
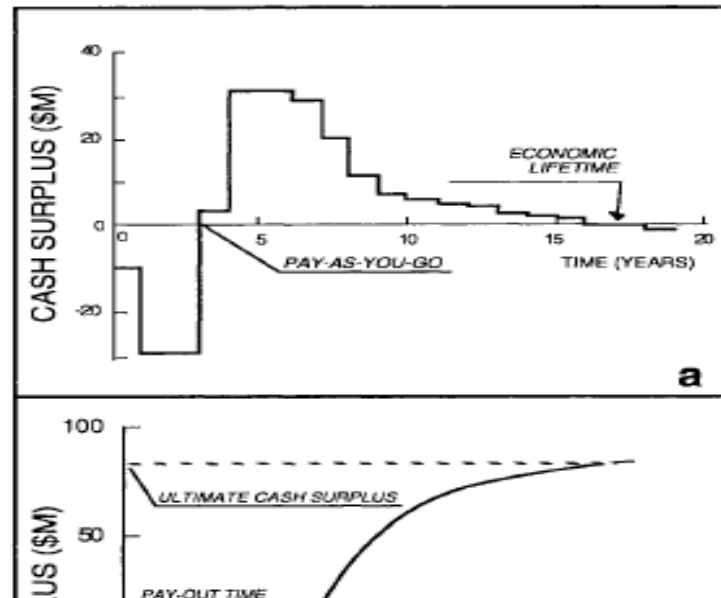
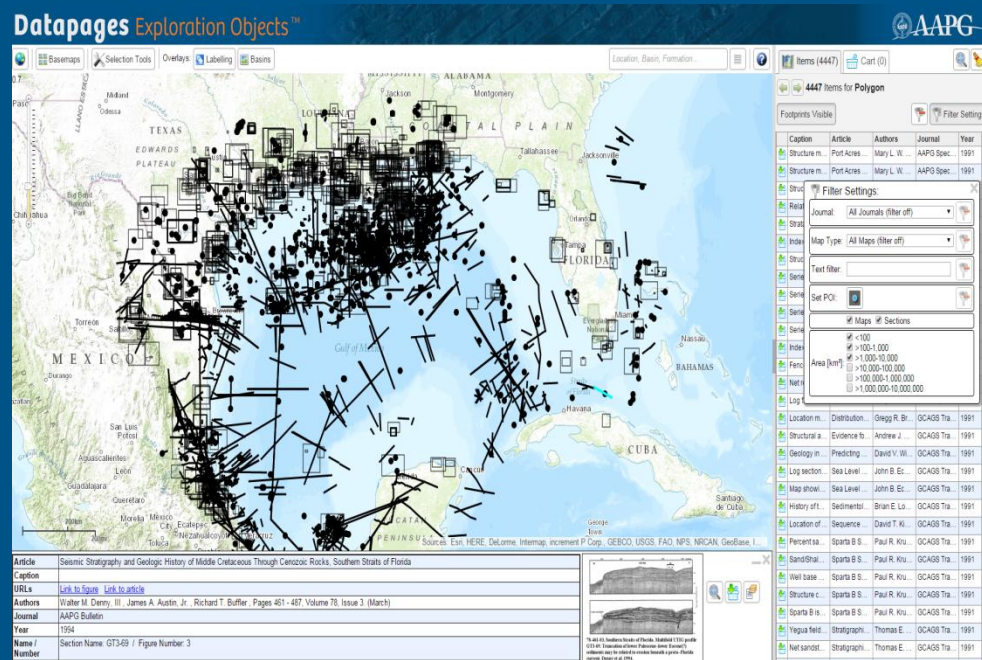


Figure 3a. The cumulative cash flow at \$30/bbl.



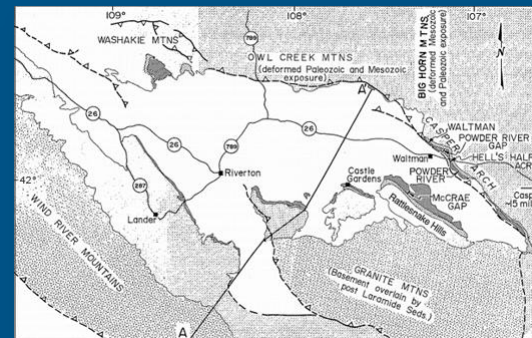
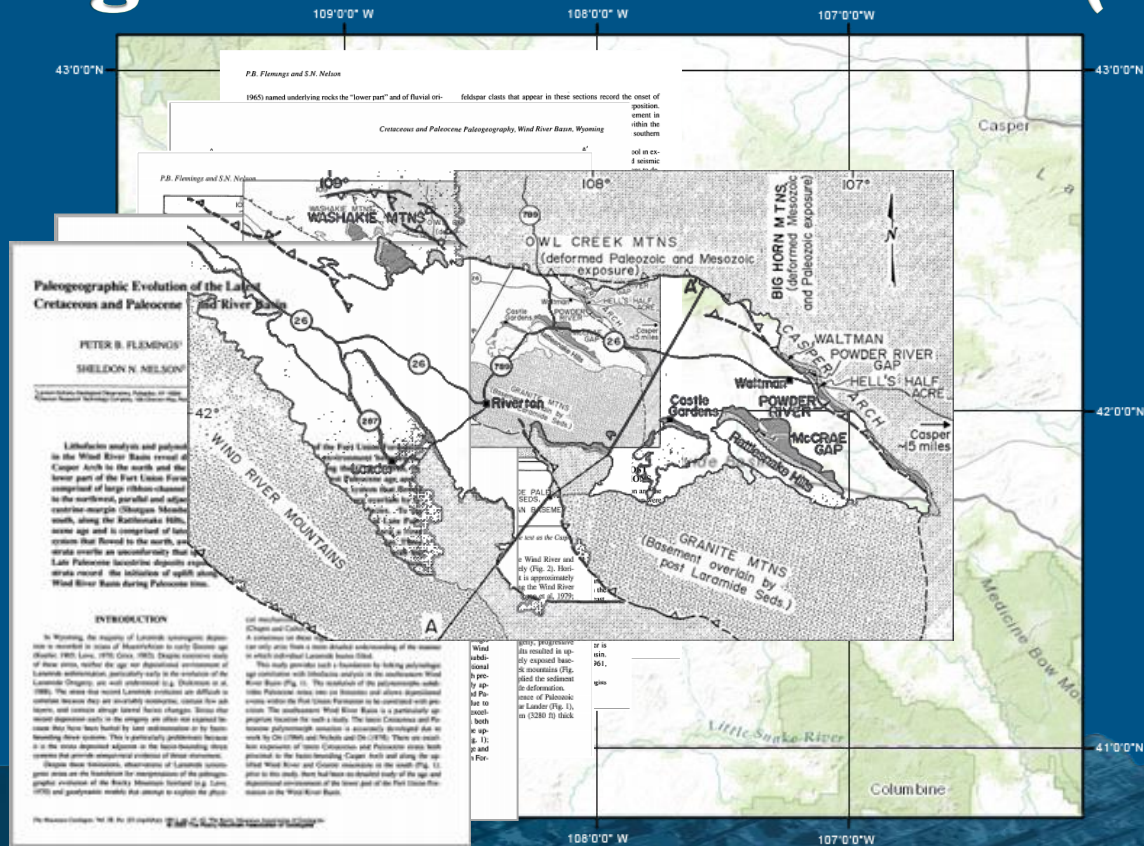
# DEO Defined

- Spatially Enabled Index Search
- DEO provides data search at a detailed level
- Fast way to find maps, seismic sections and other exploration objects
- DEO is the ‘next generation’ in information search-and-retrieval





# Exploration Object is a geo-referenced figure from the Archives (WGS84)



# Capture Metadata

P.B. Flemings and S.N. Nelson

1965) named underlying rocks the "lower part" and of fluvial or

Cretaceous and Paleocene Paleogeography, Wind River Basin, Wyoming

P.B. Flemings and S.N. Nelson

**Paleogeographic Evolution of the Latest Cretaceous and Paleocene Wind River Basin**

PETER B. FLEMINGS<sup>1</sup>  
SHELDON N. NELSON<sup>2</sup>

Lithology in the Wind River Basin, Wyoming, is the result of a complex history of tectonic and depositional processes. The basin is bounded to the northwest, parallel and adjacent to the Snake River Plain, by the Snake River escarpment. To the south, along the Rattlesnake Hills, the lower part of the Fort Union Formation is of Late Paleocene age and is comprised of laterally continuous sheet sandstones, which record a system that flowed to the north, away from the Snake River escarpment. These strata overlie an unconformity that separates them from the underlying Cretaceous. Late Paleocene lacustrine deposits exist in the basin, and these strata record the initiation of uplift in the Snake River Basin during Paleocene time.

**INTRODUCTION**

In Wyoming, the majority of Laramide synorogenic deposition is recorded in strata of Mesozoic to early Tertiary age (Korfeff, 1965; Love, 1970; Gries, 1983). Despite extensive study of these strata, neither the age nor depositional environment of Laramide sedimentation, particularly early in the evolution of the Laramide Orogeny, are well understood (e.g., Dickinson et al., 1984). The strata that record Laramide evolution are difficult to correlate because they are invariably nonconformable, contain few ash layers, and contain sharp lateral facies changes. Strata that record deposition early in the orogeny are often not exposed because they have been buried by later sedimentation or by basin-bounding thrust systems. This is particularly problematic because it is the strata deposited adjacent to the basin-bounding thrust systems that provide unequivocal evidence of thrust movements. Despite these limitations, observations of Laramide synorogenic strata are the foundation for interpretations of the paleogeographic evolution of the Rocky Mountain foreland (e.g., Love, 1970) and geodynamic models that attempt to explain the physical mechanisms by which the Laramide Orogeny occurred (Chapin and Collier, 1983; Gries, 1983; Bost, 1984; Cress, 1986). A consensus on these regional models of Laramide deformation can only arise from a more detailed understanding of the manner in which individual Laramide basins filled.

This study provides such a foundation by linking polystratal age correlation with lithostratigraphic analysis in the southeastern Wind River Basin (Fig. 1). The resolution of the paleogeographic subdivisions Paleocene into two sub-basins and allows depositional events within the Fort Union Formation to be correlated with precision. The southeastern Wind River Basin is a particularly appropriate location for such a study. The latest Cretaceous and Paleocene polystratal succession is accurately developed due to work by Ott (1994) and Nichols and Ott (1978). These are excellent exposures of latest Cretaceous and Paleocene strata both proximal to the basin-bounding Cragg Arch and along the up-thrust Wind River and Granite mountains to the south (Fig. 1). prior to this study, there had been no detailed study of the age and depositional environment of the lower part of the Fort Union Formation in the Wind River Basin.

Contents	Preview	Metadata		
Caption	Figure_URL	Comments	Maps	Map_info
Map of the sand belt superimposed on the L	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	
Distribution of modern carbonate sands deri	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	
Comparison of sand-body maps derived fro	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	
Large-scale maps of shallowest sands (yell	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	
Sand-body map of the south Hawksbill-Cist	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	
Location of the study area superimposed o	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	Isopach Location
Generalized stratigraphy of the subsurface	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
A traveltime, seismic cross section of a typi	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
(A) Extensional tectonic regime, includi	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
(A) Thrust microtectonic regime, includi	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
(A) Strike-slip microtectonic regime, includi	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
Rose diagrams of fracture stress, open	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
(A, C) Location map of domain A and domain	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	Location
(A) Correlation chart of the mean, median, a	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
Aperture frequency distribution chart of op	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
Examples of fracture clusters (clusters mar	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
A close-up view of fracture cluster A in Fig	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
(A) Borehole image showing examples of d	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
(A) Rose diagrams of the trends of the indu	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	
(A) A set of vertical, fully mineralized fractu	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
(A) Slabbed vertical core of Khuff carbonat	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>			
Regional paleo-3 stress map during the evol	<a href="http://search.datapages.com/data/bulletins/2">http://search.datapages.com/data/bulletins/2</a>		1	
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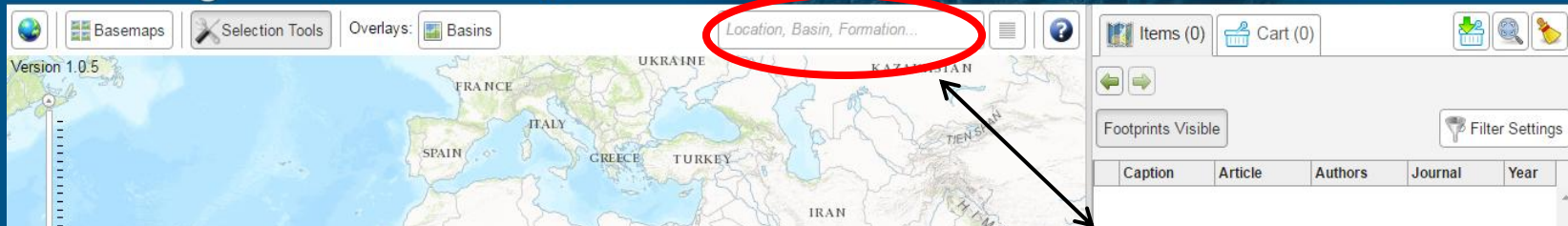
AAPG Expertise is used for the search index

- To date more than 50,000 maps
- Approximately 16,000 sections
- Over 10,000 figures per year added

# Methods of Search

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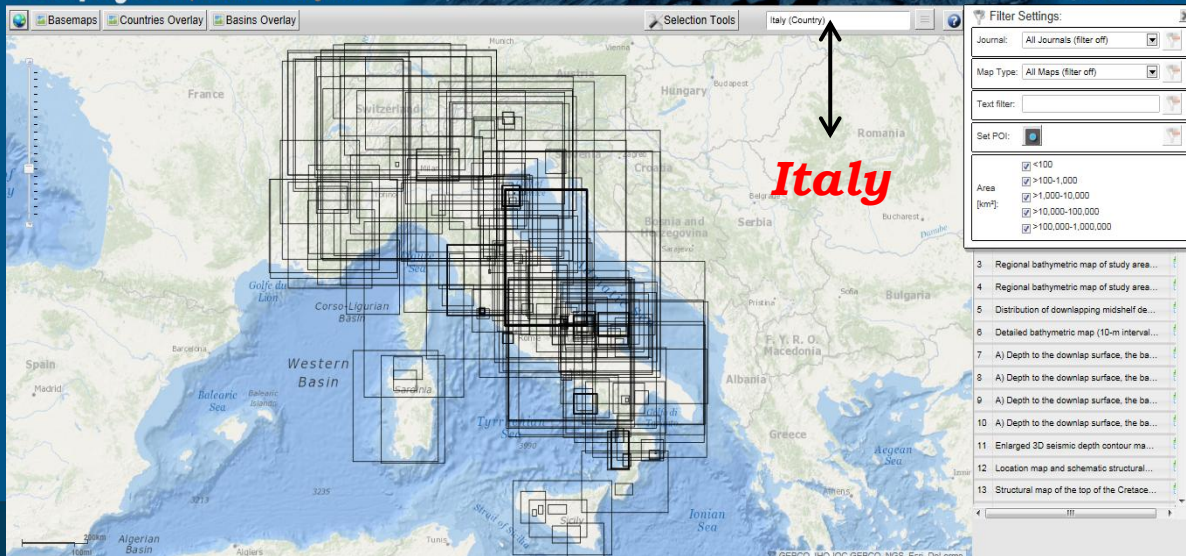
What's NEW



Location, Basin, Formation...

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Select small and medium sized maps



Draw area of interest



Draw line & buffer by: 150 km

Select large maps



Set point to select maps



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Exploration Objects™



# Search Example: By Basin

Datapages Exploration Objects™ What's NEW



Version 1.0.5

Basemaps Selection Tools Overlays: Basins

Kwanza (Basin)

**Basins**

**Kwanza Basin**

180 Items for Keyword: Kwanza (Basin)

Footprints Visible Filter Settings

Caption	Article	Authors	Journal	Year
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Arguments f...	Interplay of ...	Martin P. Ja...	Search and ...	2009
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# Methods of Search

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Version 1.0.5

Basemaps Selection Tools Overlays: Basins

Location, Basin, Formation...

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Footprints Visible Filter Settings

Selection Tools:

- Select small and medium sized maps
  - Draw area of interest
  - Draw line & buffer by: 150 km
- Select large maps
  - Set point to select maps
- Select basin by map



# Define Area Of Interest by Polygon

Datapages Exploration Objects™ What's NEW



Version 1.0.5

Basemaps Selection Tools Overlays: Basins Ghadames Basin

Items (0) Cart (0)

Fetching Data...

Footprints Visible Filter Settings

Caption	Article	Authors	Journal	Year
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**Selection Tools:**

Select small and medium sized maps

- ☒ Draw area of interest
- ☒ Draw line & buffer by: 150 km

Select large maps

- ☐ Set point to select maps

1000km 600m 4211

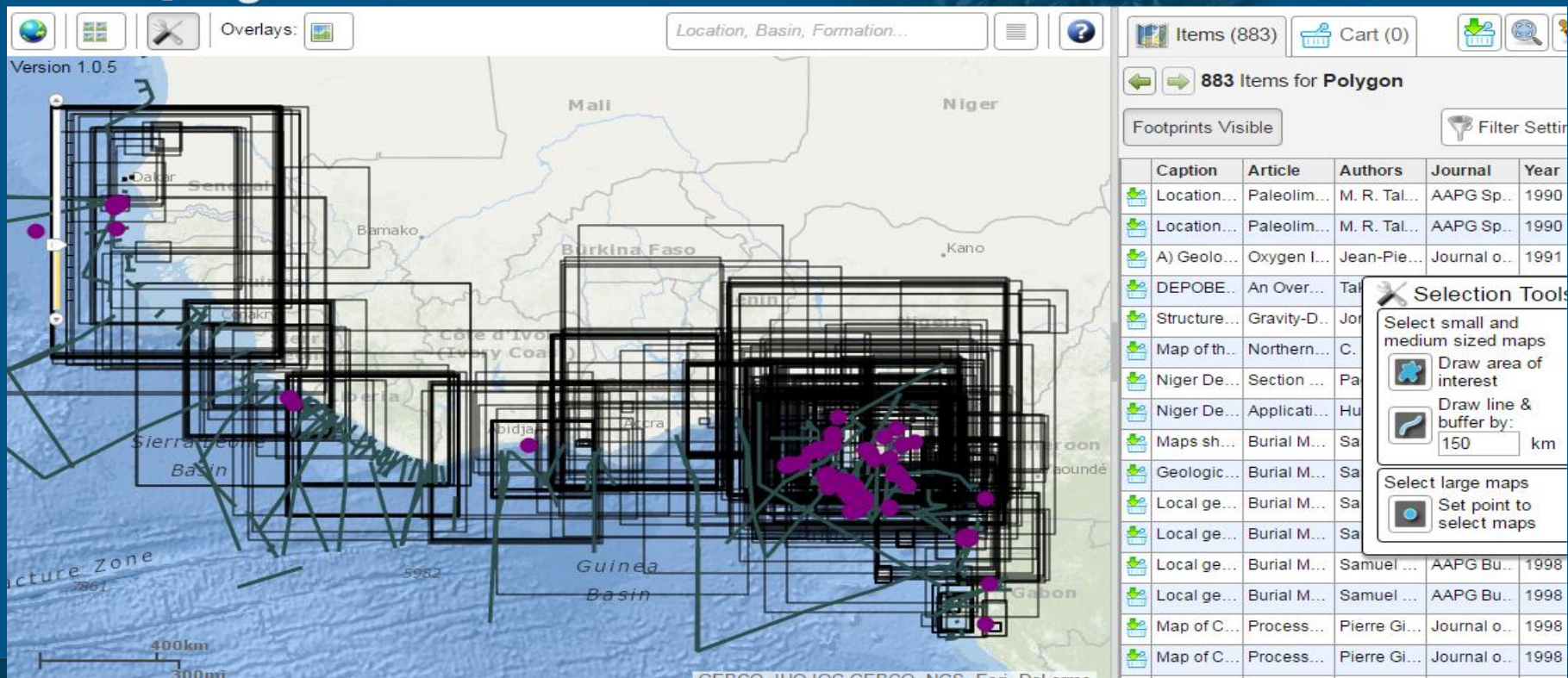
Angola Basin

Angola, Zambia, Democratic Republic of the Congo, Congo, Kenya, Tanzania, Ethiopia, South Sudan, Central African Republic, Nigeria, Chad, Sudan, Egypt, Libya, Mauritania, Mali, Niger, Senegal, Guinea, Sierra Leone, Cape Verde Basin, Gulf of Guinea, Lagos, Cameroon, Gabon, Angola Basin, Red Sea, Channel

GECBC, IHO-IOC GECBC, NGS, DeLorme

# Area Of Interest Result

Datapages Exploration Objects™





# Select Map from Table: *Link to Figure and Article*

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Basemaps Selection Tools Overlays: Labelling Basins Location, Basin, Formation...

Bight of Benue

Warri Yenagoba Port Harcourt

extensional province

outer fold and thrust belt

inner fold and thrust belt

detachment fold province

100 km 60mi

Gulf of Guinea

Esri, HERE, DeLorme, IGBCO, IHO-IOC GEBCO, NGS, Esri, DeLorme

Items (46) Cart (0)

46 Items for Basin: Niger Delta

Footprints Visible Filter Settings

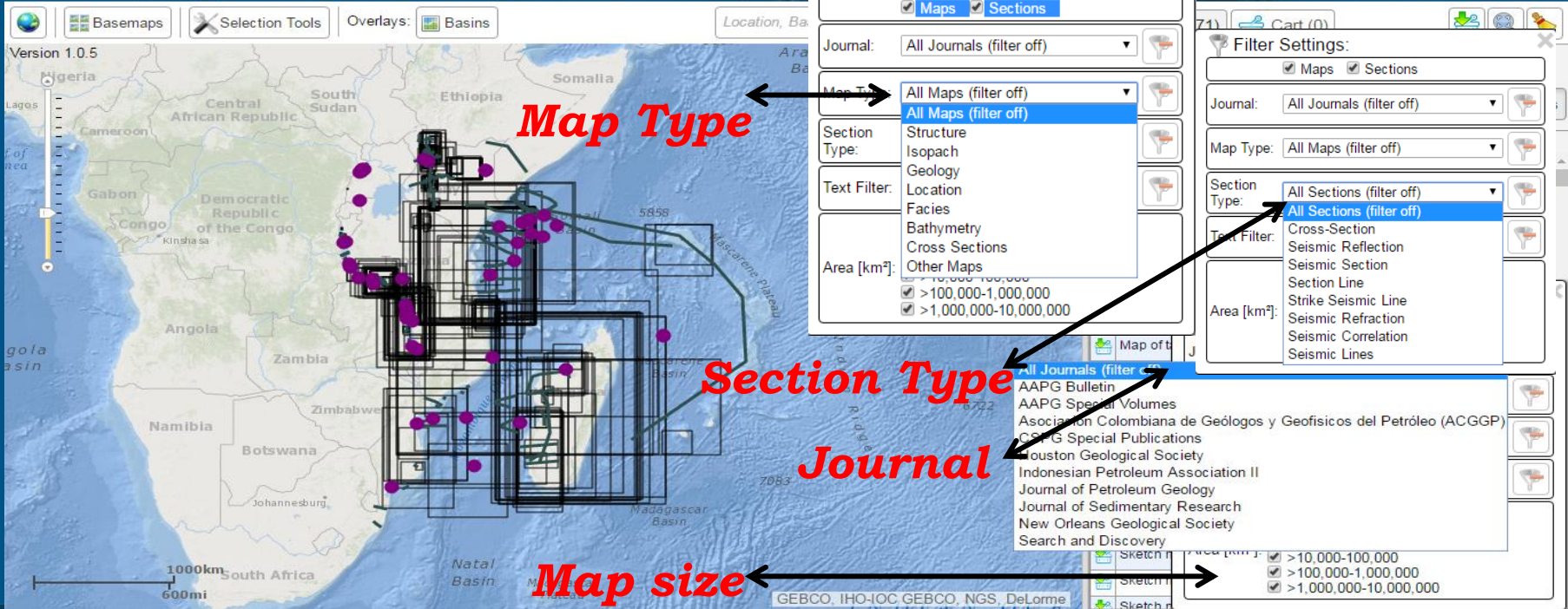
Caption	Article	Authors	Journal	Year
Local geol...	Burial Meta...	Samuel O. ...	AAPG Bulletin	1998
Local geol...	Burial Meta...	Samuel O. ...	AAPG Bulletin	1998
Local geol...	Burial Meta...	Samuel O. ...	AAPG Bulletin	1998
Local geol...	Burial Meta...	Samuel O. ...	AAPG Bulletin	1998
Isopach of I...	AAPG Mem...	Robert Cun...	AAPG Spec...	2000
Index map ...	THE DISTR...	C. I. Eneog...	Journal of ...	2003
Map of the ...	Deep-water...	Frank Bilotti...	AAPG Bulletin	2005
Continental...	Structure a...	Brian S. Cu...	Search and...	2008
Map show...	Ichnofacies...	O.C. Egbu...	Search and...	2009
Western Ca...	Oil and Gas...	Tracy L. Wa...	AAPG Bulletin	1990
Some 3-D ...	AAPG Mem...	John M. Ar...	AAPG Spec...	2000
Some 3-D ...	AAPG Mem...	John M. Ar...	AAPG Spec...	2000
Shaded bat...	AAPG Mem...	John M. Ar...	AAPG Spec...	2000
The RMS a...	AAPG Mem...	John M. Ar...	AAPG Spec...	2000
Deeply bur...	AAPG Mem...	John M. Ar...	AAPG Spec...	2000
Oil-prone s...	AAPG Mem...	Richard C. ...	AAPG Spec...	2000
Regional st...	A simple m...	S. Pochat...	AAPG Bulletin	2004
Bathymetry	AAPG Studi...	edited by J...	AAPG Spec...	2005

Image Opacity

**Image Transparency**

Article	Deep-water Niger Delta fold and thrust belt modeled as a critical-taper wedge: The influence of elevated basal fluid pressure on structural styles
Caption	Map of the offshore Niger Delta showing the location of regional transects (1-10) used in this study, bathymetry, and major offshore structural provinces (modified from Connors et al., 1998; Corredor et al., 2005).
URLs	<a href="#">Link to figure</a> <a href="#">Link to article</a>
Authors	Frank Bilotti, John H. Saw, Pages 1475 - 1491, Volume 89, Issue 11
Journal, Year	AAPG Bulletin, 2005
Figure No	1
Location QC	Good

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# What else is in the same Article?

## Sedimentation Process, Lake Malawi

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Basemaps Selection Tools Overlays: Basins Location, Basin, Formation...

20 Items for Polygon

Footprints Visible Filter Settings

Caption	Article	Authors	Journal	Year
(A) Lake Ba...	AAPG Studi...	Robin W. Re...	AAPG Spec...	2000
(A) Lake Ba...	AAPG Studi...	Robin W. Re...	AAPG Spec...	2000
				2006
				1990
				1990
				1990
				1999
				1999
				1999
				1996
				1996
				1996
(A) Location...	Textural and...	Michael J. S...	AAPG Bulletin	1996
(A) Location...	Textural and...	Michael J. S...	AAPG Bulletin	1996
(A) Location...	Textural and...	Michael J. S...	AAPG Bulletin	1996
(A) Location...	Textural and...	Michael J. S...	AAPG Bulletin	1996

Filter Settings:

☒ Maps ☐ Sections

Journal: All Journals (filter off)

Map Type: Bathymetry

Text Filter:

Area [km²]:

- ☒ <100
- ☒ >100-1,000
- ☒ >1,000-10,000
- ☒ >10,000-100,000
- ☒ >100,000-1,000,000

Image Opacity

Step 1

Step 2

Article Processes of Sedimentation on a Lacustrine Border-Fault Margin: Interpretation of Cores from Lake Malawi, East Africa

Caption Index map of the South Rukuru delta and sublacustrine fan system showing A) the regional setting, B) small subaerial delta and locations of 1991 onshore cores, and C) lake bathymetry and locations of 1992/1995 offshore cores. The five largest river systems that enter the lake are outlined in A, and the location of Figure 4 is outlined in C.

URLs [Link to figure](#) [Link to article](#)

Authors John T. Wells , Christopher A. Scholz , Michael J. Soreghan , Volume Vol. 69 (1999).. Issue No. 4. (July).

Journal, Year Journal of Sedimentary Research, 1999

Figure No Fig1\_a



# Filter Results Selection & Filter Options

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Basemaps Selection Tools Overlays: Basins Location, Basin, Formation...

Items (4) Cart (0)

4 items for Article: Processes of Sedimentation on a Lacustrine Border-Fault Margin: Interpretation of Cores

Footprints Visible Filter Settings

Caption	Article	Authors	Journal
Surficial dis...	Processes of Sedimentati...	John T. Well...	Journal o
Index map o...	Processes of Sedimentati...	John T. Well...	Journal o
Index map o...	Processes of Sedimentati...	John T. Well...	Journal o
Index map o...	Processes of Sedimentati...	John T. Well...	Journal o

Filter Settings:

☒ Maps ☒ Sections

Journal: All Journals (filter off)

Map Type: All Maps (filter off)

Section Type: All Sections (filter off)

Text Filter:

Area [km²]:

- ☒ >100-1,000
- ☒ >1,000-10,000
- ☒ >100,000-1,000,000

Article: Processes of Sedimentation on a Lacustrine Border-Fault Margin: Interpretation of Cores from Lake Malawi, East Africa

Caption: Index map of the South Rukuru delta and sublacustrine fan system showing A) the regional setting, B) small subaerial delta and locations of 1991 onshore cores, and C) lake bathymetry and locations of 1992/1995 offshore cores. The five largest river systems that enter the lake are outlined in A, and the location of Figure 4 is outlined in C.

URLs: [Link to figure](#) [Link to article](#)

Authors: John T. Wells , Christopher A. Scholz , Michael J. Soreghan , Volume Vol. 69 (1999), Issue No. 4. (July),

Journal, Year: Journal of Sedimentary Research, 1999

gis.datapages.com/datapages/viewer/index.html#

# Select and Move to Cart

Datapages Exploration Objects™ What's NEW



Version 1.0.5

Basemaps Selection Tools Overlays: Basins Kenya (Country)

Items (668) Cart (3)

Images Opacity

Download Format: jpg

Caption	Article	Authors	Journal	Year
Index map of the...	Processes o...	John T. Well...	Journal of S...	199
Index map of the...	Processes o...	John T. Well...	Journal of S...	199
Surficial distribu...	Processes o...	John T. Well...	Journal of S...	199

Filter Settings:

☒ Maps ☒ Sections

Journal: All Journals (filter off)

Map Type: All Maps (filter off)

Section Type: All Sections (filter off)

Text Filter:

Area [km²]:

- ☒ <100
- ☒ >100-1,000
- ☒ >1,000-10,000
- ☒ >10,000-100,000
- ☒ >100,000-1,000,000
- ☒ >1,000,000-10,000,000

Article: Processes of Sedimentation on a Lacustrine Border-Fault Margin: Interpretation of Cores from Lake Malawi, East Africa

Caption: Surficial distribution of offshore sediments and morphology (modified from Johnson et al. 1995), together with the seven seismic facies that were cored. Further details on the seismic facies can be found in Soreghan et al. (1999).

URLs: [Link to figure](#) [Link to article](#)

Authors: John T. Wells, Christopher A. Scholz, Michael J. Soreghan, Volume Vol. 69 (1999), Issue No. 4. (July).

Journal, Year: Journal of Sedimentary Research, 1999

Figure No: 4

Location QC: Good

Image Opacity

Image icons: Search, Add to Cart, Download



# Select Download File

gis.datapages.com/datapages/viewer/index.html

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Basemaps Selection Tools Overlays: Basins Kenya (Country)

Version 1.0.5

100km 60mi

Article: Petrographic Characteristics of Oil-Bearing Rocks in Alamein Oil Field; Significance in Source-Reservoir Relations in Northern Western Desert, Egypt

Caption: Location map, Northern Western Desert, Egypt.

URLs: [Link to figure](#) [Link to article](#)

Authors: M. Hamed Metwalli, Y. E. Abd El-Hady, Pages 510 - 523, Volume 59, Issue 3. (March)

Journal, Year: AAPG Bulletin, 1975

Figure No: 1

Location QC: Not evaluated

Image Opacity

Items (2) Cart (7)

Images Opacity: Download Format: **jpg** jpg png tiff

Caption	Article	Authors	Journal	Year
Index map of the...	Processes o...	John T. Well...	Journal of S...	199...
Index map of the...	Processes o...	John T. Well...	Journal of S...	199...
Surficial distribu...	Processes o...	John T. Well...	Journal of S...	199...
Basement depth...	Gravity and ...	L. L. Nettieto...	AAPG Bulletin	1996
Geologic map, S...	Gravity and ...	L. L. Nettieto...	AAPG Bulletin	1996
Location map, N...	Petrographi...	M. Hamed M...	AAPG Bulletin	1975
Generalized sur...	Petrographi...	M. Hamed M...	AAPG Bulletin	1975

Filter Settings:

☒ Maps ☒ Sections

Journal: All Journals (filter off)

Map Type: All Maps (filter off)

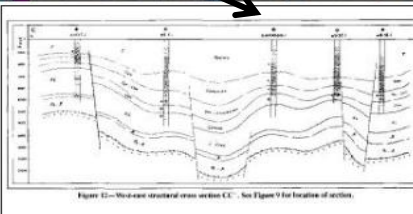
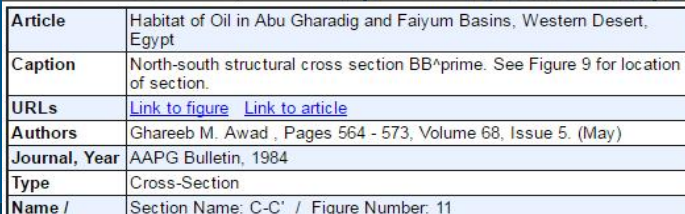
Section Type: All Sections (filter off)

Text Filter:

Area [km²]: ☒ >10,000-100,000 ☒ >100,000-1,000,000



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	Caption	Article	Authors	Journal	Year
	Map of a ...	Reflecte...	Sidney P...	AAPG Bu...	1926
	Map of a ...	Reflecte...	Sidney P...	AAPG Bu...	1926
	Topogra...	Beach S...	Mohame...	Journal o...	1951
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977
	Line dra...	Structure...	David A...	AAPG Bu...	1977

# From thumbnail: W-E Structural cross-section

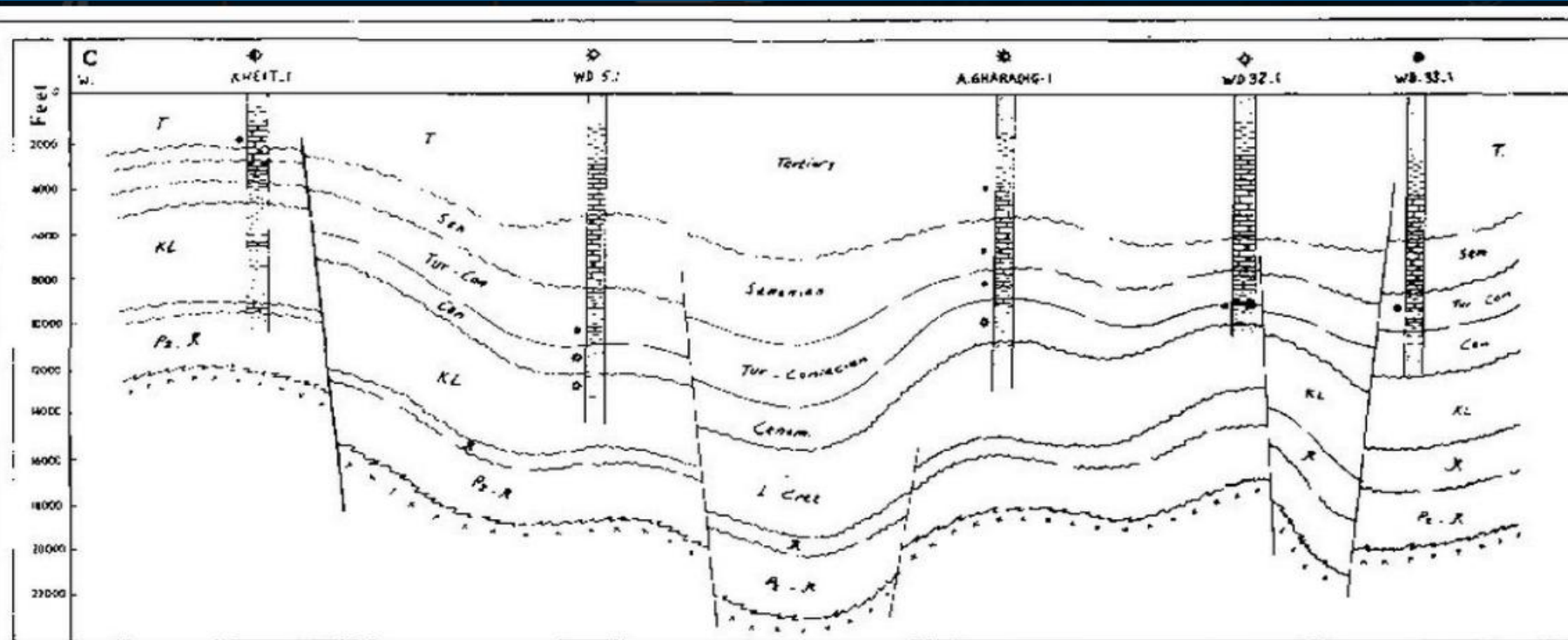


Figure 12—West-east structural cross section CC'. See Figure 9 for location of section.



# Select a section

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Basemaps Selection Tools Overlays: Basins Location, Basin, Formation...

235 Items for Polygon

Footprints Visible Filter Settings

Filter Settings:

- ☐ Maps ☒ Sections
- Journal: All Journals (filter off)
- Section Type: All Sections (filter off)
- Text Filter:

Article: The Late Tertiary Deep-Water Siliciclastic System of the Levant Margin - An Emerging Play Offshore Israel, #10211 (2009)

Caption: Mesozoic strata is characterized by relatively continuous high- and low-amplitude reflection series. Upper Tertiary, discontinuous, high frequency reflections onlap the base Oligocene unconformity (red marker). normal faults (left side of profi

URLs: [Link to figure](#) [Link to article](#)

Authors: Michael A. Gardosh, Yehezkel Druckman, and Binyamin Buchbinder

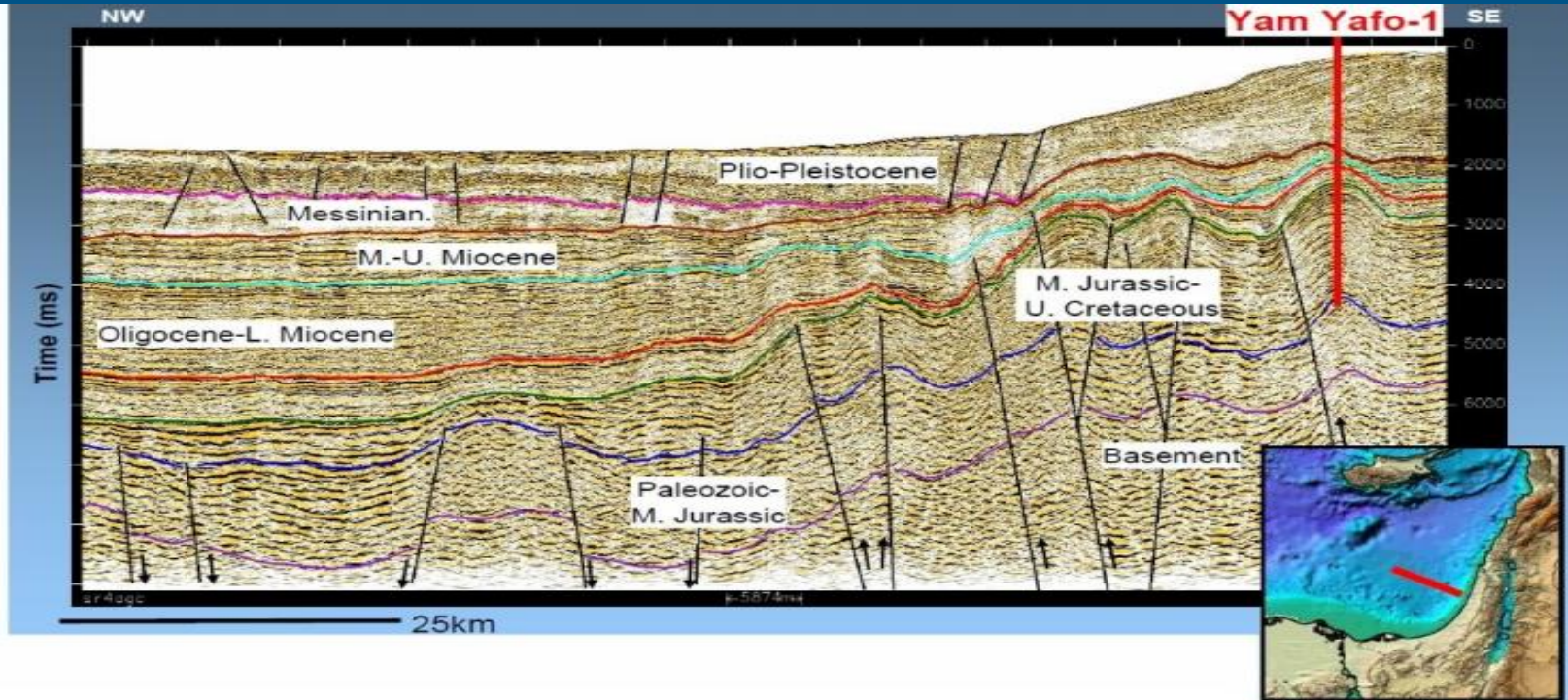
Journal, Year: Search and Discovery, 2009

Type: Seismic Section



# From thumbnail:

## *Mesozoic Strata Characterization*



2009S&D10211-01. Levant Margin. Mesozoic strata is characterized by relatively continuous high- and low-amplitude reflection series. Upper Tertiary, discontinuous, high frequency reflections onlap the base Oligocene unconformity (red marker). Normal faults (left side of profile) are associated with Early Mesozoic rifting. Folds and reverse faults (right side of profile) reflect inversion of the older structures during a Late Cretaceous and Early Tertiary contraction phase. Michael A. Gardosh et al., 2009.

# Development

- Expanding the Content
  - New Data Providers
- Option for Modular License Subscription
  - USA, Canada, Mexico, South America, Africa ...
- Value Added Products
  - Vector Data – Mexico SEG-Y data
  - EFA-DEO Module



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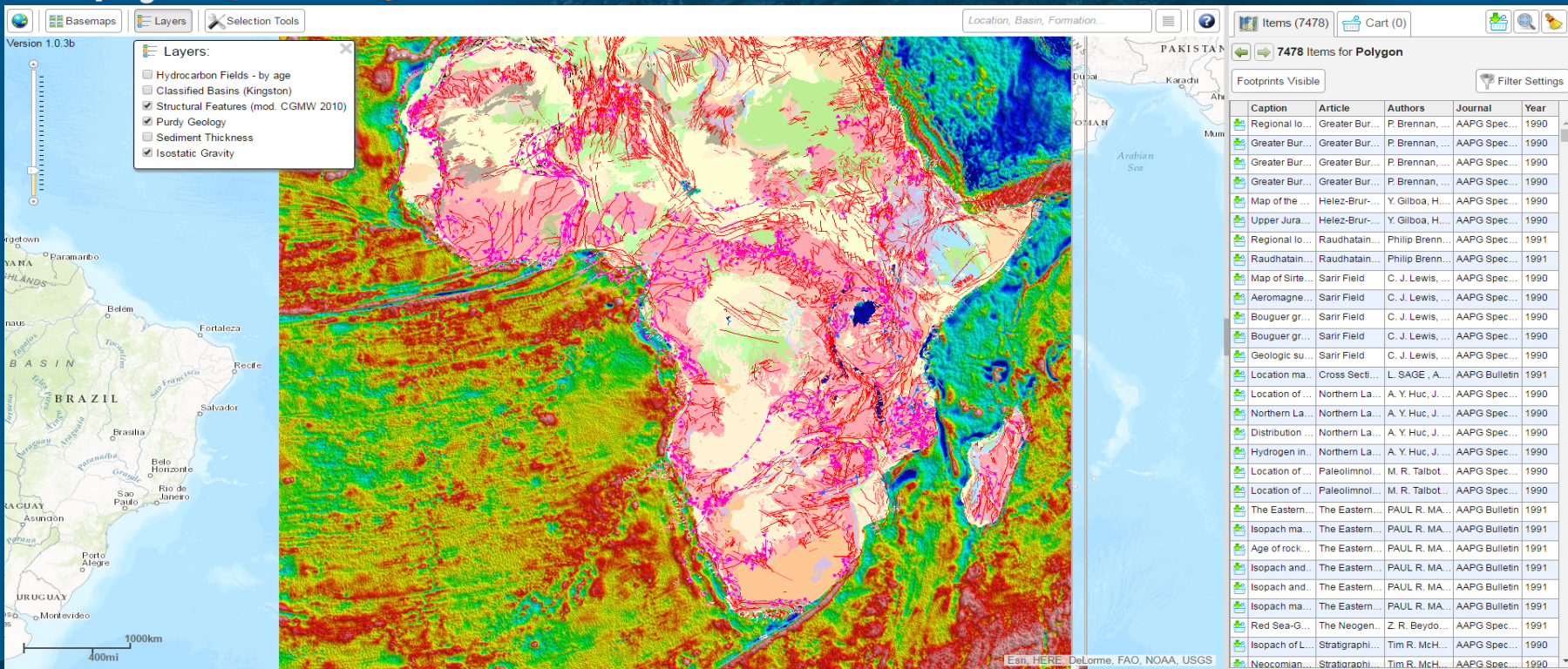


# Mexico Seismic Data Module



# EFA-DEO Integration - Africa Map Viewer

Datapages Exploration Objects™ - Test Drive





# Remote sensing layer

## *Lake Albert region*

Version 1.0.3b

Basemaps Layers Selection Tools Location, Basin, Formation...

Items (5) Cart (0)

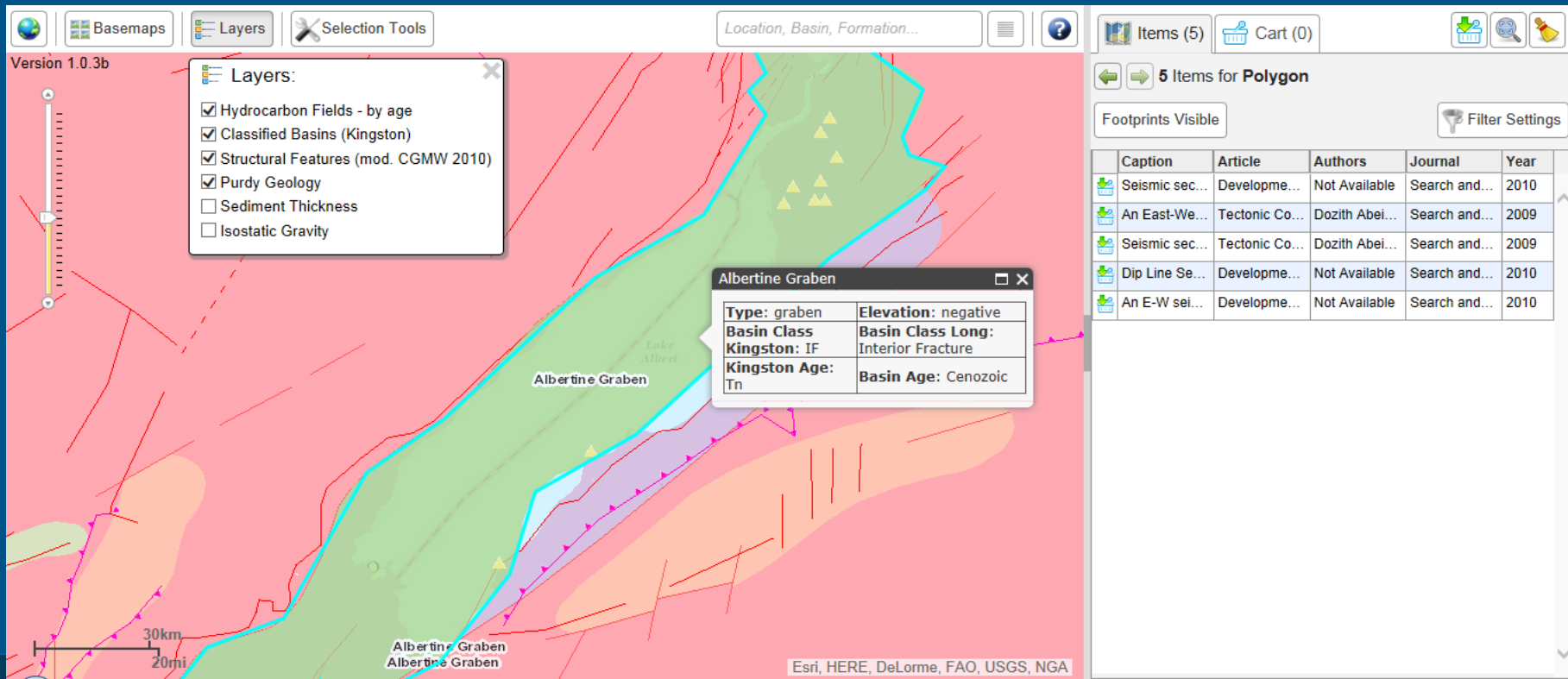
5 Items for Polygon

Footprints Visible Filter Settings

Caption	Article	Authors	Journal	Year
Seismic sec...	Developme...	Not Available	Search and...	2010
An East-We...	Tectonic Co...	Dozith Abei...	Search and...	2009
Seismic sec...	Tectonic Co...	Dozith Abei...	Search and...	2009
Dip Line Se...	Developme...	Not Available	Search and...	2010
An E-W sei...	Developme...	Not Available	Search and...	2010

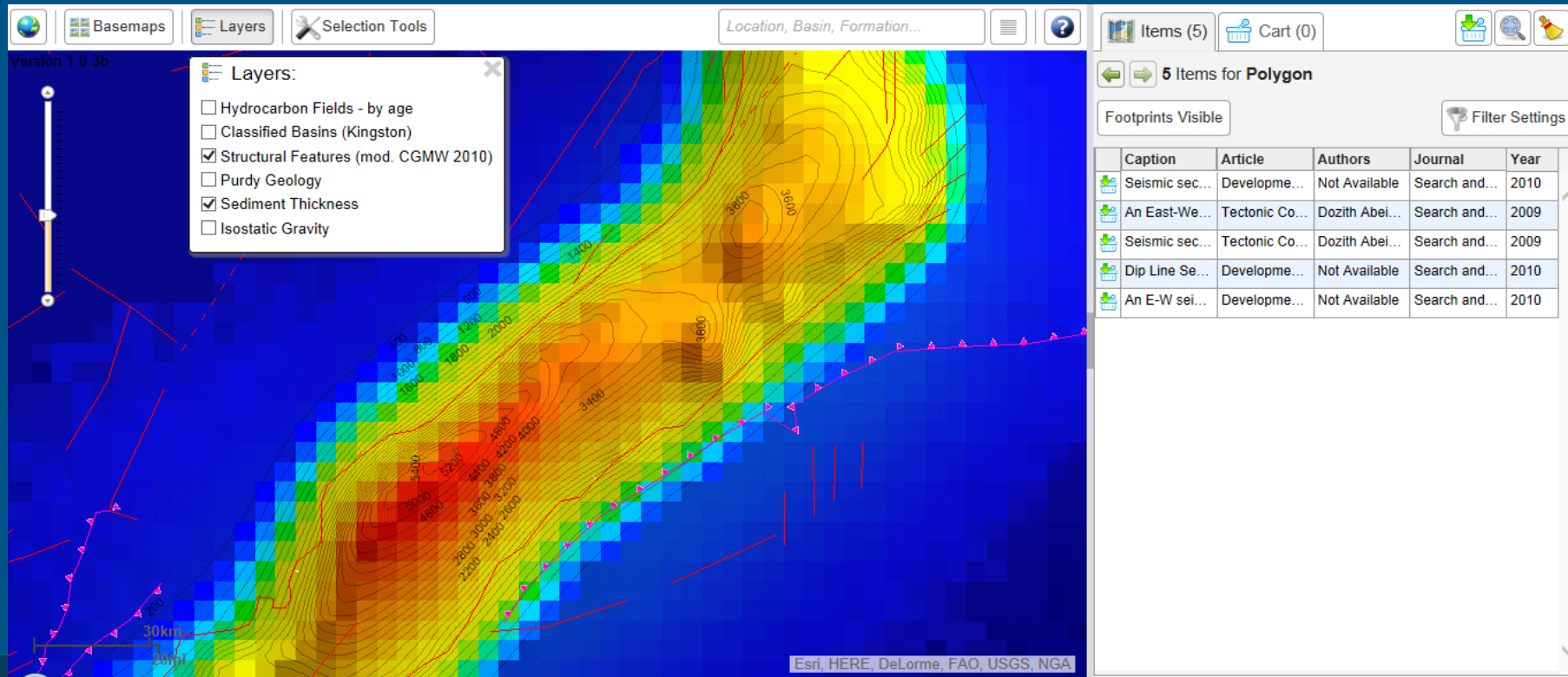
Earthstar Geographics

# Geology, Basins, Structural Framework and Fields





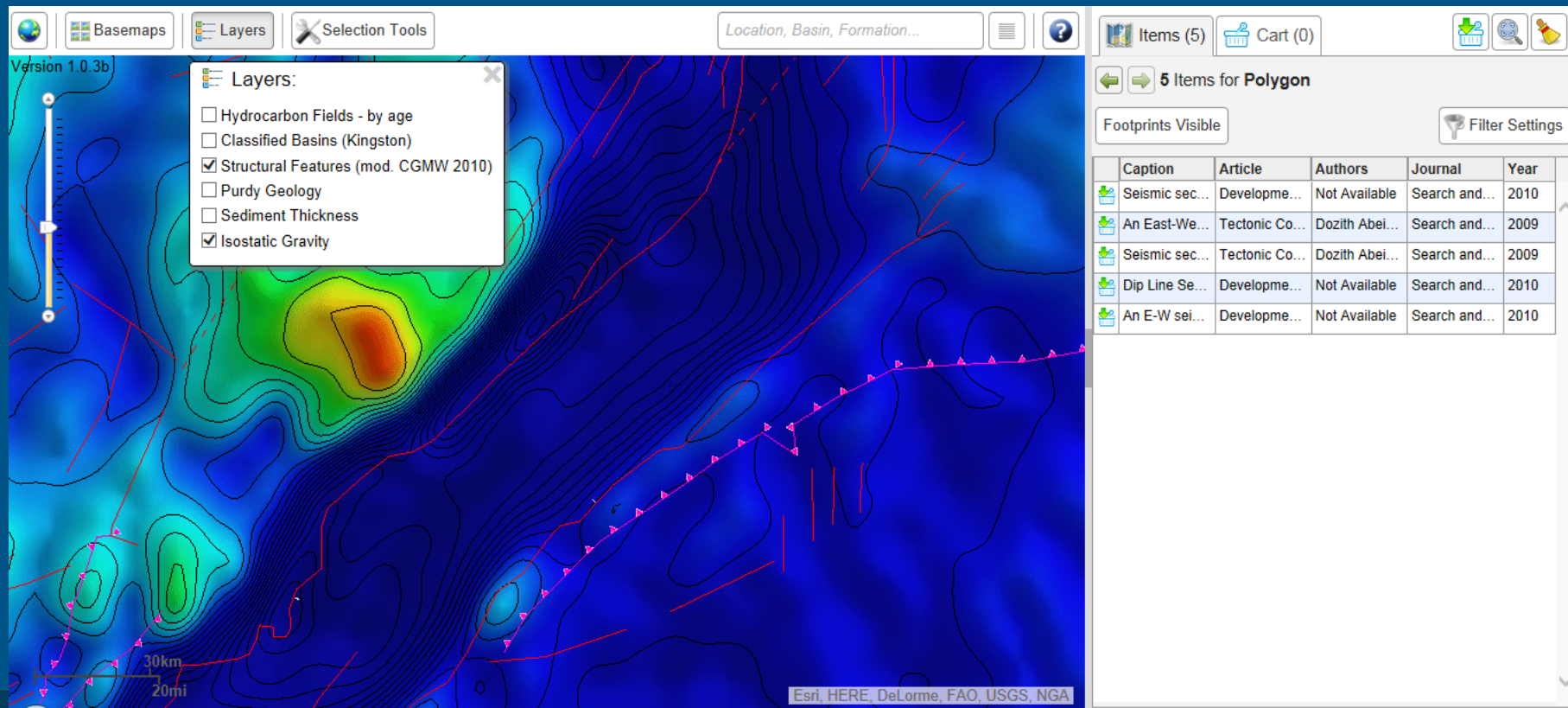
# Total Sediment Thickness from calibrated gravity/magnetics inversion



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# Detail from Isostatic gravity



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# Selection of DEO geo-located sections from Search and Discovery

Version 1.0.3b

Basemaps Layers Selection Tools

Location, Basin, Formation...

5 Items for Polygon

Footprints Visible Filter Settings

Caption	Article	Authors	Journal	Year
Seismic sec...	Developme...	Not Available	Search and...	2010
An East-We...	Tectonic Co...	Dozith Abei...	Search and...	2009
Seismic sec...	Tectonic Co...	Dozith Abei...	Search and...	2009
Dip Line Se...	Developme...	Not Available	Search and...	2010
An E-W sei...	Developme...	Not Available	Search and...	2010

**Article** Development of a Petroleum System in a Young Rift Basin Prior to Continental Breakup: The Albertine Graben of the East African Rift System, by Dozith Abeinomugisha, #10284 (2010)

**Caption** Seismic section showing anticline-syncline pairs in the Kaiso-Tonya area. The anticlines have been drilled and found to contain hydrocarbons.

**URLs** [Link to figure](#) [Link to article](#)

**Authors** Not Available


**Journal, Year** Search and Discovery, 2010

**Type** Seismic Section

201005-10284-01 Seismic section showing anticline-syncline pairs in the Kaiso-Tonya area. The anticlines have been drilled and found to contain hydrocarbons. Exact location not shown. Dozith Abeinomugisha, 2010.



 [Click to view extended abstract in PDF format.](#)

 [Click to view slide presentation, with abstract, in PDF format.](#)

## Development of a Petroleum System in a Young Rift Basin Prior to Continental Breakup: The Albertine Graben of the East African Rift System\*

Dozith Abeinomugisha<sup>1</sup>

Search and Discovery Article #10284 (2010)

Posted December 6, 2010

\*Adapted from oral presentation at AAPG International Conference and Exhibition, Calgary, Alberta, Canada, September 12-15, 2010

<sup>1</sup>Petroleum Exploration and Production, Ministry of Energy and Mineral Development, Kampala, Uganda ([d.abeinomugisha@petroleum.go.ug](mailto:d.abeinomugisha@petroleum.go.ug))

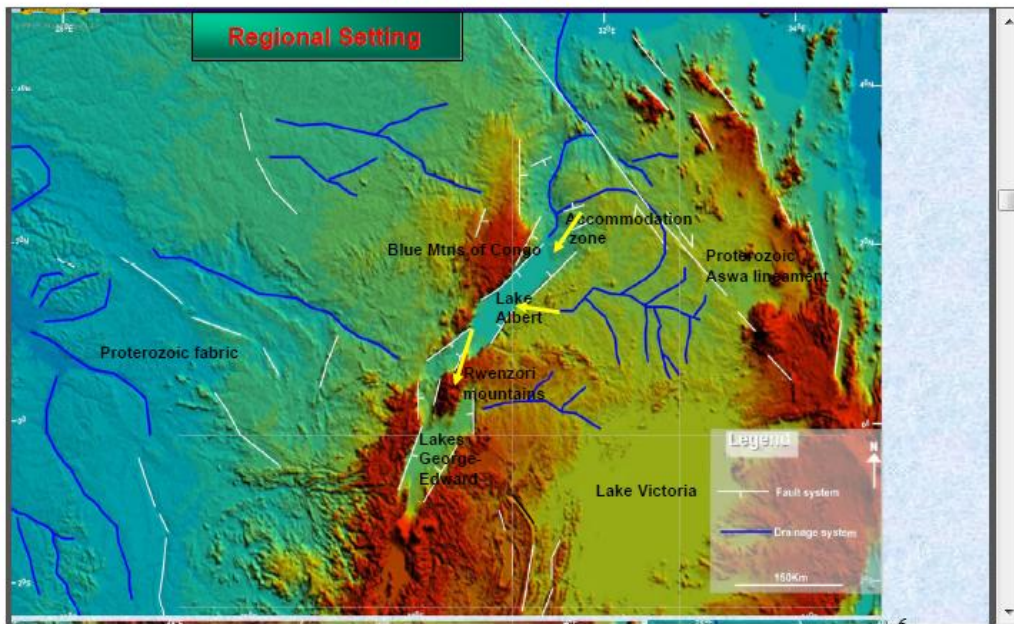


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