



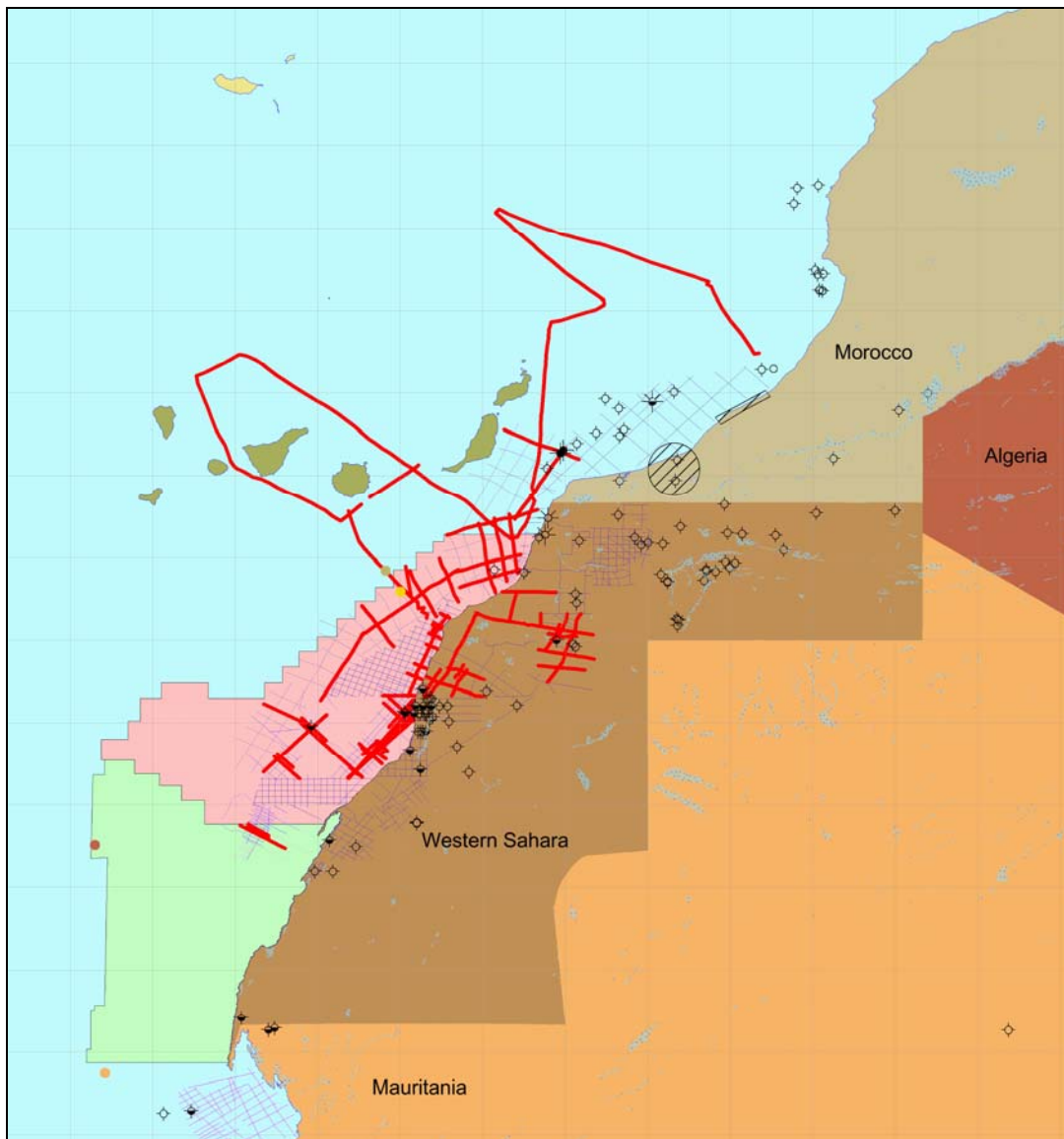
Lynx Information Systems Limited

Western Sahara – North Africa

GIS - Digital Exploration Data Package

Contents List – April 2005

This report is one of series of new GIS products designed to exploit the power and ease of use of ArcView as a tool for the explorationist. The product consists of a wide variety of exploration and production related maps linked to well/field databases, well-logs and seismic sections managed from within ESRI's ArcView application.



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Western Sahara - Digital Exploration Data Package

Western Sahara Map Themes

Graticule
Bathymetry (ETOPO5)
Deep Sea Drilling Sites (4)
Wells (155 onshore/offshore, 75 Western Sahara, 34 Morocco, 10 Mauritania, 31 Spain and 5 Portugal)
Base Map for four hundred and fifty one (451) seismic lines
Examples for ninety (90) seismic lines (SEG-Y)
Base Map for fifty (50) St. Etienne (Mauritania) seismic lines
Faults
Offshore gravity (10 unit contour interval)
Bouguer Gravity (1959)
Gravity Highs & Lows
Offshore Magnetic Intensity
Aeromag basement
Old Spanish Sahara Offshore Concessions
Old Spanish Sahara Onshore Concessions
New Contract Areas
Morocco Concessions
Northern Mauritania Concessions
Coastlines (DCW)
Surface Geology (1987)
Towns/Roads/Drainage
Relief Contours (100m interval)
Tertiary-Quaternary Isopach
Upper Cretaceous Isopach
Jreibichata Time Structure
Barremian Time Structure
Basement Structure
Port Etienne Structural Form
University of Bremen Source Rock Localities

Georectified Images – Geology Maps and Aeromagnetics

Location of Geological Sections (6) and Cross-Sections
Reconnaissance Geology 1 : 1 million
Reconnaissance Geology 1 : 500k
Aeromagnetics Data Image

Section Locations Tops & Shows

Wells (155 onshore/offshore)
Wells with Tops (60)
Wells with Shows (25)
General Geological Cross Section
Cross Sections (18) with Lithology and Stratigraphy
Stratigraphic Correlation Section: Lower Cretaceous, Upper Cretaceous, Jurassic
Micropaleontological section
Stratigraphic Synopsis

Western Sahara Spacial Themes

Bathymetry (ETOPO2) (2 minute coverage)
Digital Elevation Model (GTOPO30) (5 minute coverage)
Landsat TM 28.5 metre coverage

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Offshore Western Sahara Slope

Offshore features e.g. volcanics, Maast carbonate build up, diapirs etc

Growth Fault Zone

Slope Anticline Axis

Base Tertiary Unconformity Time Structure

Base Tertiary Structure Onshore (Depth)

Jreibichata Time Structure

Base Cenomanian Faults/Erosion

Base Cenomanian Time Structure

Barremian Time Structure (Shelf)

Base Barremian Faults/Erosion

Base Barremian Time Structure

Base Hauterivian Faults/Erosion

Base Hauterivian Time Structure

Marine Jreibichat %

Depth (m) Marine Jurassic

Jurassic Carbonates Distribution

Post Mid Miocene Isopach

Base Tertiary- Mid Miocene Isopach

Upper Cretaceous isopach

Lower Cretaceous isopach

Tertiary isopach

Bathymetry

Bathymetry (from Western Seismic Survey)

Well Data

A compilation of basic well information from one hundred and sixty eight wells (155, total, 75 offshore, 80 onshore) (75 Western Sahara, 34 Morocco, 10 Mauritania, 31 Spain and 5 Portugal)).

Well ID	Country	LAT	LONG
Ref Datum	Ref Depth	Date Spudded	Date Comp
Water Depth	Ground Elevation	Well Class	Status
General			
Status Technical	TD	Lithology at TD	Age at TD
Basin Name	Block Name	Field Name	Rig Name
Rig Type	Rig Days	Rig contractor	Depth Ref
Water Depth	Operator	Platform	
On/offshore location			

Tops

Well ID	Country	Well Name	Age
Zone	Formation	Quality	Drill m
KB	TWT	Source	

Shows

Well ID	Country	Well Name	General
Status			
Tech. Status	Depth 1	Depth 2	API
Comments			

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Reports

“Petroleum Geology of the Aaiun Basin Western Sahara”, 17 pages with 5 figures/diagrams: Geological Cross-Section, Stratigraphic Column, Cape Ruby Structure Map, Lower Cretaceous Facies Distribution and Upper Jurassic Facies Distribution.

“Oil Prospects in the Spanish Sahara”, (1959) 88 page report. Twenty eight (28) pages of text, eighteen (18) enclosures including isopach maps, lithostrat section, measured sections, with forty three (43) outcrop and aerial photographs.

“Geology and Petroleum Potential of Morocco-Sahara Slope”, (1980) 51 pages and twenty enclosures including interpreted seismic structure and isopach maps derived from Western 1977 seismic survey.

“Lithostratigraphy of the Northern Spanish Sahara”, (1968) 117 page report. Eighty four (84) pages of text and twenty two (22) figures.

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