



RESUMÉ

MARK BRENNAN

Senior Geophysicist

SYNOPSIS

- Senior Geophysicist experienced working multi faceted projects encompassing all G+G disciplines;
- 40+ years experience; worked in the oil industry since 1969;
- Initial training provided by Schlumberger and Shell;
- Wide experience as a geophysicist in many sedimentary basins around the world;
- Equally proficient at regional prospectivity evaluation and reservoir geophysics;
- Good understanding of acoustic impedance inversion techniques and AVO analysis;
- Good grounding in petrophysics;
- Frequently supervise seismic processing projects and plan acquisition;
- Familiar with LandMark's SeisWorks package, Sattlegger's geophysical modeling and mapping package, SMT Kingdom Suite, GGX (SeisVision), Petrosys, Hampson-Russell (AVO) and some experience in Petrel.

EMPLOYMENT HISTORY

ISIS PETROLEUM CONSULTANTS PTY LTD, PERTH **Present**
Principal Geophysicist

- Seismic Interpretation and Mapping. (Many projects on the NW Shelf; Offshore Sabah; Cooper Basin; Pre-Khuff section of the North Field, Qatar; Otway Basin Gazettal Round; Offshore Morocco; Romania).
- Quantitative Geophysical Evaluation (NW Shelf).
- In late 2010 and early 2011, I carried out a 3D interpretation project over the Manora Field in the Kra Basin for Mubadala in Thailand.

PREMIER OIL, VIETNAM **2006-2008**
Consultant Geophysicist

- Detailed interpretation of 2D and 3D seismic data from Block 12 in the Nam Con Son Basin. AVO study of the Dua 3D survey.
- Prospectivity evaluation and interpretation of 5,500 km of 2D seismic data from Block 104-109/05 in the Gulf of Tonkin.



CONSULTANT, AUSTRALIA

2006

Consultant Geophysicist

- AVO study of the Oscar 3D survey in Permit Vic P/41 (Gippsland Basin) for Bass Strait Oil.
- Data review of Cambay Basin, India, during the NELP VI Licensing Round.

TULLOW OIL, PAKISTAN

2002-2006

Consultant Geophysicist

- Acquisition planning, processing supervision and interpretation of the Sara/Suri 3D seismic survey in the Middle Indus Basin.
- Interpretation of 2D seismic data and 3D planning, processing supervision and interpretation of data from the Nawabshah EL in the Lower Indus Basin.
- Prospectivity evaluation of open acreage in the Kirthar and Sulaiman Foldbelts and in the Potwar Basin.
- Prospectivity evaluation and seismic interpretation of 2D seismic data from the Gujarat-Kutch and Krishna-Godavari Basins in India.

ORIENT PETROLEUM CO., PAKISTAN

2001

Consultant Geophysicist

- Interpretation of 2D seismic data from the Mirpur Khas EL.

OMV, PAKISTAN

1994-2001

Chief Geophysicist

- Responsible for the planning of acquisition programmes and supervision of processing projects. Interpreted seismic 2D and 3D data from all of OMV's blocks in the Middle Indus Basin and the Indus Delta and evaluated the potential of other areas throughout the country.
- I was directly involved in the discovery of the Sawan gas field (>1 Tcf).

OMV, AUSTRIA

1991-1994

Regional Exploration Manager

- Responsible for the company's exploration activities in the North Sea (UK, Norway and Holland).
- International (Argentina, Bolivia, Colombia, Peru and Venezuela).
- Participated in studies of the exploration potential of acreage in Angola, Australia and Libya.
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SANTOS, AUSTRALIA
Exploration Supervisor

1987-1991

- Conducted regional studies of the prospective basins on the NW Shelf of Australia (Carnarvon Basin, Perth Basin and Malita Graben).
- Evaluated Timor Sea acreage prior to the Licensing Round in 1988.

OCCIDENTAL
Senior Geophysicist

1980-1987

- Worked as a seismic interpreter in most of the productive basins in the UK sector of the UKCS.
- Spent two years in Guangzhou, China evaluating acreage in the Pearl River Basin.

SHELL INTERNATIONAL, BRUNEI AND HOLLAND
Petroleum Engineer

1975-1980

- Worked in an exploration/production research team investigating the seismic response of oil and gas reservoirs and their delineation using seismic amplitude.

SCHLUMBERGER, ETHIOPIA AND EGYPT
Wireline Logging Engineer

1969-1971

- Operated open- and cased-hole services on and offshore.

EDUCATIONAL QUALIFICATIONS

B.Sc. (Physics, First Class Honours)
University of Reading, U.K.

1969

Ph.D. (Theoretical Physics)
University of Reading, U.K.

1974



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