



Petrophysical Solutions, Inc.

Andrew Reynolds
Senior Petrophysical Consultant

Professional Experience:

Petrophysical Solutions, Inc.

Senior Petrophysicist. Provide log analysis and field studies, both domestic in South Texas and Gulf of Mexico, and international in China, Trinidad, Brazil, and Libya. Analyses included standard and Computer Processed Interpretation and velocity modeling to provide corrected shear and compressional velocities for seismic inversions. Support active drilling campaign for client in offshore Trinidad, requiring integration of wireline, LWD and core data and rapid response to drilling activities. Assist geologists and engineers in selection of formation test points, core points and core analyses. Provided multi-well petrophysical field studies in Deep Water Gulf of Mexico, Oman, West Texas, Brazil, Venezuela and Wyoming involving data collection, editing, and interpretation of up to 700 wells.

CGG Americas, Inc.

Petrophysicist. Supervised collection, quality control and loading of data for 1,800 well shaly sand evaluation project. Processed, interpreted and developed a petrophysical model on 215 key wells. Integrated petrophysical model with core analyses into the 1,800 well field for volumetric calculations. Supervised the collection, quality control and loading of data for a 160 well project, involving Eocene sands, Paleocene sands and limes, Cretaceous limes and Basement rock. Developed petrophysical matrix porosity model and collected data for fracture study. Reviewed petrophysical evaluation of 400 well project and analyzed 25 capillary pressure tests. Recommended well recompletions based on these models. Fully competent with the use of Landmark OpenWorks and PetroWorks programs and with PC-based petrophysical programs PowerLog and Prizm. Some experience with Geoframe. Created Access database for collection of data and developed Visual Basic scripts to extract and format data. Developed program in C++ to convert well locations between coordinate systems. Installed and maintained an NT server, with responsibility for data integrity.

BPB Wireline Services

Technical Manager. Initiated new services in U.S Operations running initial trials of new services and integrating them into the operational suite. Responsible for compliance with governmental authorities over the use of radioactive materials and heavy duty trucks. Established the U.S. Computing Center in Oklahoma City for processing logs into added value services. Designed and implemented remote transmission of data from field locations to customer terminals.

District and Area Manager. Developed business plan and initiated operations in South-East U.S. becoming a profitable center by the second year in a down turning market. Promoted to Manager, U.S. Mineral Operations with responsibility for Sales, Operations, HSE, and Administration for 5 operational districts, plus a special project for the Department of Defense in the Marshall Islands.

Field Operations Engineer. Established operations in the U.S. in the exploration and development of coal fields. Instrumental in the design, fabrications, running and management of up to 12 slimline logging units in three states. Provided training and education classes to customers to interpret well logs. Operated slimline logging units

throughout Great Britain. Operated and maintained slimline logging units in South Sumatra in difficult terrain involving helicopter transportation of men and equipment.

Technical Skills:

Unix-based software:

Landmark

Geoframe

PC-based software:

Professional Office suites from Microsoft and Corel

TerraScience

Petcom Powerlog

Geoquest Interactive Petrophysics

Borland C++ Builder, JBuilder

Education:

B.S. in Physics, 1973, Q.M.C., University of London

Graduate classes in Computer Programming