

Donald L. “Don” Bailey

EDUCATION:

M.B.A.

California State University, Bakersfield, June 1996

B.S., Geology

Millsaps College, May 1978

Completed M.S. Coursework, Geology

University of Southwestern Louisiana, May 1980

WORK EXPERIENCE:

1996 - Present

William M. Cobb & Associates, Inc.

Senior Vice President

- Responsible for project management of geologic, petrophysical, and geophysical efforts in reservoir characterization, field studies, reservoir simulation, financial evaluation, and legal support
- Responsible for coordinating and performing 3D geostatistical earth models, field mapping studies, stratigraphic interpretation, petrophysical analysis, and development planning support
- Specializes in reservoir characterization through integrated interpretation of log and core analysis data, subsurface and seismic mapping, and cross section studies
- Expertise: geostatistics, 3D earth modeling, clastic and carbonate reservoir formation evaluation/log analysis; shaly sand evaluation using PETCOM software; waterflood evaluation and management; enhanced recovery; fractured reservoir analysis; 2D and 3D seismic interpretation; mapping in a variety of structural regimes; regional stratigraphic studies; sequence stratigraphy applications; computer mapping using Petrel, GeoGraphix, ZMap, CPS, and Terrasciences; siliceous shale oil recovery; equity disputes/arbitration/expert testimony; exploration economic evaluation; and decision analysis

1990 - 1996

Chevron USA

Senior Geologist/Senior Business Planning Specialist – Bakersfield

- Responsible for petrophysical analysis, net pay determination, structural interpretation, and geologic model support for reservoir simulation of Elk Hills reservoirs as part of equity redetermination
- Responsible for assessing the reservoir potential of the siliceous shale deposits through coring, logging, observation wells, and technology implementation
- Source for geologic interpretation of offshore California exploration prospects

1986 - 1990

ARAMCO

Staff Geologist - Dhahran, Saudi Arabia

- Developed geologic models of Ghawar and Abqaiq field carbonate reservoirs. Responsible for geologic support of reservoir simulation and waterflood management of those zones

1980 - 1986

Gulf Oil/Chevron USA

Senior Geologist – Houston

- Project coordinator responsible for South Texas district, including field development studies, mapping efforts, and application of new technology
- Development geologist for Black Warrior Basin, South Louisiana, East Texas, Houston Salt Dome province, and the Gulf Coast. Evaluated CO₂ implementation, waterflood implementation, and gas storage potential of various properties

1979 - 1980

Dresser Atlas

Data Transmission Operator – Lafayette

- Transmission of offshore logging information, offshore sales

TECHNICAL AND PROFESSIONAL SOCIETIES:

- American Association of Petroleum Geologists
- Dallas Geological Society
- San Joaquin Geological Society
- Dhahran Geological Society (Saudi Arabia)
- Houston Geological Society
- Society of Petroleum Engineers

REGISTRATION:

- Licensed Professional Geologist, State of Texas

PUBLICATIONS:

- Bailey, D. L.: “Indirect Fracture Delineation in a Carbonate Reservoir: The Upper Jurassic Hanifa of Abqaiq Field, Saudi Arabia.” and “A Depositional Model in the Arabian Intrashelf Basin: The Upper Jurassic Hanifa of Abqaiq Field, Saudi Arabia.” AAPG Bulletin, Vol. 75, No. 3 (March 1991), p. 536.

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