

PhD, Geology, Physical Chemistry, University of Arizona, 1970
M.S., Geology, Kansas State University, 1965
B.S., Physics, Kansas State University, 1962

- ◆ Member SPWLA
- ◆ Former Member: GSA, AGU, SPE

RAY EASTWOOD
Consultant Petrophysicist

PARTICIPATION OR RECOGNITION IN PROFESSIONAL ACTIVITIES

1973 Chairman, Geology Section, Arizona Academy of Sciences
1973 Member, Nominating Committee, Rocky Mountain Section, Geol. Soc. America
1974 Chairman, Field Trip Committee, Rocky Mountain Section, Geol. Soc. America Mtg., Flagstaff, AZ
1974 Participant, Penrose Conference on Volcanism and Tectonism of the Southwest U.S.A., Riverside, CA
1978 Member, Outstanding Department on Campus, Northern Arizona Univ.
1984 Invited Lecturer, SEG Shear Wave Exploration Symposium, Midland, TX
1984 Recipient, AOGC Vice Presidential Award for Outstanding Technical Achievement
1988 Recipient, AOGC, RR&TS Exceptional Contribution Award
1989-91 Member, SPWLA Publications Committee (Technical Editor)
1990-91 Technical Editor, SPE Formation Evaluation
1991 Participant, SPE Forum: Cased Hole Log Evaluation
1998 Instructor: SPE Short Course: Cased Hole Log Evaluation
2007 Technical Coordinator: 48th Annual SPWLA Symposium, Austin, Texas

PROFESSIONAL EXPERIENCE

2004 - Present, Consultant in Petrophysics

Clients: Petro Tel, Inc.; Cotton Valley fm., Prospective Gas Reservoir, India
Bureau of Economic Geology/University of Texas, Austin; Deep Shelf Gas Project (2007),
Gulf Coast Carbon Center Project (2009), Haynesville Shale Characterization (current)
Petrotechnical Resources Alaska; Kuparuk, Sag River, Ivishak open/cased hole petrophysics for BP
Alaska, Exploration wells

2000 - 2002, **BP Alaska**

Senior Petrophysicist; Greater Prudhoe Bay, Satellites

1997 - 2000, **ARCO Alaska, Inc.**, Anchorage, AK

Senior Staff Engineer, Prudhoe Bay Reservoir

1979 - 1997, R&D (Technical Center) **ARCO Oil and Gas Co.**

Senior Research Geologist, Geological Research, 1979-80

Senior Research Geologist, Geophysical Research, 1980-84; Petrophysics of Butte, MT

Cu Porphyry, Wilcox fm. of SE Texas

Principal Research Geologist, Geophysical Research, 1984-86

Principal Research Geologist, Reservoir Research and Technology, 1986-88; Prudhoe Bay

Petrophysics – open hole, Cook Inlet

Research Associate, Reservoir Research and Technology, 1988-89

Senior Principal Research Geologist, Reservoir Research and Technology, 1989-97;

Prudhoe Bay Petrophysics – lithology/permeability/cased hole, Neutron Log Interpretation

1970 - 1979, Assistant Professor, Dept. of Geology, **Northern Arizona University**, Flagstaff, AZ

Taught undergraduate physical geology, mineralogy, petrology, field geology and graduate
geochronology, geochemistry, volcanology.

1968 - 1970, Sr. Research Mineralogist, Geochemical Research Group, **Phillips Petroleum Co.**, Bartlesville,
OK

PUBLICATIONS

Four publications are listed below. For a complete list of publications and reports, please contact PRA at 907-272-1232 or info@petroak.com.

Eastwood, R. L., 1974, Cenozoic Volcanism and Tectonism of the Southern Colorado Plateau: in Geology of Northern Arizona, Karlstrom and others, Guidebook, Rocky Mtn. Sect. Mtg., Geol. Soc. America, Flagstaff, Ariz., p 236-246.

Castagna, J. P., Batzle, M. L., and Eastwood, R. L., 1985, Relationships between Compressional-Wave and Shear-Wave Velocities in Clastic Silicate Rocks: Geophysics, v. 50, no. 4, p. 571-581.

Eastwood, R. L., and Castagna, J. P., 1986, Interpretation of V_p/V_s Ratios from Sonic Logs: in Shear-Wave Exploration, S. H. Danbom and S. N. Domenico, Eds., Geophysical Development Series, Vol. 1, Society of Exploration Geophysicists, Tulsa, pp. 138-153.

Liu, S., Copen J., Webster, M., Eastwood, R. and Greet, D., 2009, The Historical Development of Prudhoe Bay Field Petrophysical Models: Trans. SPWLA 50th Annual Logging Symp., III, 11p.