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EDWARD B. (CHIP) LANGE
1803 E. 16TH PLACE
TULSA, OK 74104
(918) 742-4451 OFFICE
(918) 743-7521 HOME



EXPERIENCE:

- 1991-PRESENT:** Exploration Geologist - Independent
Prospect Generation: Southeast Colorado and Southwest Kansas (Morrow Objectives), Anadarko Basin Oklahoma (Hoxbar - Upper Penn Objectives).

- 1990** Exploration Geologist - Santa Fe Minerals
Area of Responsibility: Southern Oklahoma Penn. (Springer Objectives)
Duties: Interpreting seismic and subsurface data primarily in Carter and Stephens Counties, Oklahoma.

- 1984 - 1989** Development Geologist - Santa Fe Minerals
Areas of Responsibility: Hoxbar Trend - Canadian and Grady Counties, Oklahoma; Cherokee Trend - Roger Mills County, Oklahoma; Cotton Valley Shelf-Red River County, Texas. Duties: Interpreting subsurface and seismic data (migrated sections, AVO and Inversion) and participating in seismic acquisition. Recommending to management the drilling of development, extensional and wildcat prospects. Testifying at state regulatory bodies as an expert witness. Wellsite functions including wireline log quality control, coring operations and sample analysis.

- 1981 - 1983** Development/Exploration Geologist - Andover Oil Company
Areas of Responsibility: Sooner Trend - Canadian, Kingfisher and Blaine Counties, Oklahoma; Misener Trend - Grant and Garfield Counties, Oklahoma. Duties: Recommending to management the drilling of development, extensional and wildcat prospects. Screening outside submittals and selling internally generated prospects to industry partners. Providing expert testimony at state regulatory bodies. Wellsite functions.

- 1979 - 1980 (part-time)** Geologist Technician - Andover Oil Company
Duties: Worked in association with geologists acquiring data, constructing cross sections and mapping.

- 1978 - 1979 (part-time)** Geologist - Corley Ginther Oil Corporation
Duties: Assisted geologists in data acquisition, constructing cross sections mapping, and writing abstracts on geological papers. Wellsite functions.

- EDUCATION:** Masters candidate in Geology, The University of Tulsa, Tulsa, Oklahoma, 1978 - 1980; B.S. in Geology/ Economics minor, Denison University, Granville, Ohio, 1977.
Continuing Education - Short courses: Surface and Near-Surface Geochemistry Applied to the Exploration for Petroleum - APGE, 1990; Shelf and Shoreline Sands: N.W. Gulf of Mexico - AAPG, 1985; Basic Reservoir Engineering - OGCI, 1985; Hydrocarbon Well Logging - Continental Laboratories, 1981. In-house schools: Amplitude Variations with Offset: Fundamentals and Case Histories - SEG, 1989; Intro. to Stratigraphic Mapping Using Seismic Data - Teknica, 1987.

- AFFILIATIONS:** American Association of Petroleum Geologists; Tulsa Geological Society

- PUBLICATIONS:** "Middle Hoxbar (Missourian) from Shelf to Basin in the Northeastern Anadarko Basin", in Limestones of the Mid-Continent, Tulsa Geological Society Special Publications No. 2, 1984.


RALPH W. EVERETT

6525 East 89th Place
Tulsa, Oklahoma 74133
(918) 481-5874

EDUCATION: B.S. Engineer of Mines (Petroleum Option)
West Virginia University, 1962

**PROFESSIONAL
REGISTRATION:** Registered Professional Engineer in the States of Oklahoma and Texas

**PROFESSIONAL
ORGANIZATIONS:** Member of Society of Petroleum Engineers

QUALIFICATIONS: Over 30 years of engineering and management experience with proven supervisory and technical skills, including:

- ... continuous professional progression with increasing responsibility and accountability.
- ... application of engineering principles to reservoir management and field operations, including hands on experience in field operations.
- ... experience in testifying before state regulatory agencies at hearings on increased density, unitized operations, enhanced recovery projects, and gas-oil ratio limitations.
- ... negotiation skills; experienced in solicitation and preparation of bids, unitization, damage settlements, and preparation and administration of contracts.
- ... experience with accounting functions, budgeting, forecasting, and financial analyses.
- ... prospect and producing property evaluations.

EXPERIENCE:

BRISTOL RESOURCES CORPORATION Senior Staff Engineer Provide technical assistance for drilling and production operations. Testify at hearings with the Oklahoma Corporation Commission and the Texas Railroad Commission. Evaluate drilling prospects received from industry and generated internally. Prepare feasibility studies of enhanced recovery for company properties and acquisition prospects. Prepare and update Spill Contingency Plans for municipal, state and federal agencies as required.	1990 to PRESENT
D. L. GOINS & ASSOCIATES, INC. Consulting Petroleum Engineer Provide on-site supervision of drilling and workover operations throughout Oklahoma and Texas for clients; also prepared in-house studies for clients.	1988 to 1989
SOPAC EXPLORATION, INC. /CALUMET OIL COMPANY Chief Engineer Provided technical assistance for drilling and supervised production operations. Evaluated producing properties offered for purchase. Evaluated drilling prospects received from industry and generated internally. Prepared feasibility studies for enhanced recovery and supervised installation of economically viable projects.	1987 to 1988 1982/1986

WALTER DUNCAN OIL PROPERTIES

1977 to 1982

Drilling and Production Superintendent

1980/1982

Responsible for expenditures in excess of \$10,000,000 per year. Supervised pumpers, drilling consultants and production foreman.

Petroleum Engineer

1977/1980

Prepared drilling programs and cost estimates. Designed, specified and purchased equipment for drilling and production operations. Provided on-site supervision of drilling and well completions. Represented company at Operators Committee meetings in miscibility project.

TEXACO, INC.

1965 to 1977

District Gas Engineer

1974/1977

Responsible for 232 gas wells and 72 MMCF daily production. Supervised three employees and submittal of all regulatory forms. Provided technical supervision for gas handling facilities. Monitored buyer's obligations under gas sales contracts. Monitored gas production and coordinated activities to maintain or improve production.

Reservoir Engineer

1972/1974

Prepared reservoir studies and reviewed performance of active enhanced recovery projects. Representative to various engineering committees seeking unitized operations. Reviewed and recommended appropriate action for proposals received on non-operated properties.

District Equipment Engineer / Reservoir Engineer

1978/1972

Designed and prepared cost estimates for waterflood plants, distribution systems, water supply systems, plus artificial lift and lease facilities for new wells. Provided guidance to field engineers in the design and selection of equipment. Reviewed quotations received on equipment and recommended manufacturers.

Drilling Engineer

1967/1968

Prepared drilling and completion programs plus cost estimates. Provided technical assistance to the Drilling Superintendent. Actively involved in the drilling of four 21000 ft. Delaware Basin tests plus numerous other wells.

Development Team Engineer

1966/1967

Applied reservoir engineering and economic principals to identifying and analyzing development drilling prospects. Recommended logging program and other reservoir data to be obtained. Reviewed development drilling proposals. Analyzed logs for recompletion possibilities on wells recommended for plugging and abandonment.