



1221 Abrams Rd., Suite 225, Richardson, Texas 75081
(972) 235-1958 Fax (972) 235-9010
2701 State Hwy 322, Longview, Texas 75603
(903) 643-0956 Fax (903) 643-2063

Pipelines-Refineries-Plants-Compressors

Engineering and Project Management Staff

Jerry Gump, P.E., Vice President - Engineering

Specialty: Gas Processing & Treating

Jerry began his career in 1980 with Oryx Energy Company where he held positions in both gas processing and gas marketing. His experience includes project management; gas processing plant design, simulation, startup and troubleshooting; sales and leasing of amine plants & other equipment; pipeline design & engineering; due diligence; and Fischer-Tropsch synthesis. Jerry is a registered Professional Engineer in Texas and holds a B.S., Chemical Engineering (1980) from Texas A&M University. Jerry joined Applied Consultants in 2005.

Matt Cheney, Vice President - Operations Specialty: Operations & Construction

Matt Cheney joined Applied Consultants in 2005. Matt is a graduate of Brigham Young University with a Bachelor of Science in Construction Management. Matt has held various positions with Applied Consultants and WrapMaster since joining our staff. Matt started as a Construction Coordinator, General Manager of WrapMaster, Operations Manager and recently was promoted to Vice President of Operations.

Fred Walker, Vice President

Specialty: Operations & Construction

Fred Walker has coordinated operation, maintenance, and construction activities in the oil and gas industry for the past 45 years. His experience in plant and pipeline operations as well as construction of pipelines, compressor stations and plant facilities are an asset to any project. Fred worked for Delhi Gas Pipeline for 24 years serving as the East Texas Construction Superintendent for 17 years.

Ken Kovicka, P.E., Senior Consultant

Specialty: Fluid Handling & Separation

Ken began his career with Dow Chemical where he worked in the production of chlorine and hydrogen gas. His experience includes Chief Chemical Engineer for the Sun Production Company Production Service Lab. He was assigned to eliminate produced fluid separation problems, both onshore and offshore, including FPSO, surface facilities, and drilling operations. Ken has designed novel processes for vapor recovery, produced fluids separation, emulsion breaking, returned drilling fluids, and water treatment systems. Also, he has evaluated a variety of in-place operations, including coalescers, flotation, filtration, ion exchange, vapor-liquid separators at more than 125 facilities. His work includes providing chemical engineering support to drilling, corrosion, cathodic protection, measurement and gas engineering departments. Ken is also an experienced forensic chemical investigator for the causes of fire incidents of vehicles and structures. He provides technical assistance to attorneys in personal injury cases. He is a certified radiation safety officer. Ken holds a B.S., Chemical Engineering (1972) from the University of Texas.

Don Mohler, Senior Project Engineer

Specialty: Pipelines & Compressor Stations

Don is skilled in project engineering and project management in the design, construction and operation of gas, oil and refined product liquid pipelines and related facilities. He has broad experience on various projects involving pipelines, pipeline internal corrosion, plants, compression facilities, flow lines, measurement and regulation stations, separation, dehydration, and gas treatment facilities. Don's responsibilities cover all phases of projects including conceptual design, cost estimating, detailed engineering design, route selection, permitting, right-of-way acquisition, drafting, mapping, DOT compliance, material specification and procurement, contract preparation, solicitation and evaluation of bids, and construction supervision. He has managed technical staffs, including compression mechanical maintenance, pipeline construction and maintenance crews and contractors, and corrosion control and pipeline locating. Don's background includes positions with Crosstex Energy Services, Gulf Interstate Engineering, Bechtel, Wilbanks Engineering, OPE, Inc., Universal Ensco, Inc., Valero Transmission, L.P., and Texas Eastern Transmission Company. Don graduated with a B.S., Civil Engineering (1975) from Mississippi State University.



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Derek White-Stevens, P.E., Principal Process Consultant Specialty: Refining & Petrochemical

Derek has extensive domestic and international experience in process design, process engineering support, technical services, and construction oversight for new and existing facilities in the oil & gas refining, producing, pipelining, and petrochemical processing industries. He has held staff process engineering positions with Valero Energy Corporation, ARCO International Oil & Gas, Santos, Ltd., Shell Oil, and ARCO Products Co. Derek has designed, reviewed, tested, evaluated, "debottlenecked," inspected, started-up, and/or provided technical and consultative support services to numerous oil refining, gas processing and pipeline facilities and their related unit operations both downstream & upstream, onshore & offshore on six continents. His forte is fluid mechanics, heat transfer, separations, conceptual process design, and problem diagnosis & solutions. He has evaluated and designed numerous facilities involving many systems/unit operations/disciplines &/or objectives in the oil, gas, & petrochemical production, pipelining, and processing / refining / manufacturing industries: pressure relief, blowdown, flaring / venting; instrumentation & control; multiphase transport / separation; pumping / compression; fired heating & heat exchange; refrigeration & heat removal/recovery; multi-component distillation, absorption, extraction, separation; vacuum generation & processing; sweetening & dehydration; crude & heavy ends processing; hydro-desulfurization, hydrocracking, & hydrotreating; alkylation; isomerization; reforming; waste water treating; steam / power generation; air/water cooling systems; facilities monitoring, performance analysis, "debottlenecking", optimization, energy conservation, operational guidelines, safety & hazards review/mitigation, noise generation/abatement, soft spot identification, corrosion & metallurgy, environmental impact/compliance; etc. Derek graduated from University of Rochester with a B.S., Chemical Engineering (1964), and is a registered Professional Engineer in Texas.

Attieson Halbrook, Project Manager Specialty: Oil & Gas Equipment

Attieson serves as Project Manager for the design, engineering and construction of natural gas midstream facilities. He is a recognized authority in all aspects of oil & gas equipment, including separation, filtration, heater treaters, and production units gained from his many years at Sivals, Inc. where he retired as Executive Vice President. Attieson attended Texas A&M University where he studied courses in petroleum engineering and graduated with a B.S. degree in Marketing from Oklahoma City University, Oklahoma City, Oklahoma.

Fred Eisen, P.E., Senior Consultant Specialty: Hydrocarbon Processing, EH&S

Fred has extensive experience in hydrocarbon processing in the energy and chemical industries. He has managed a variety of technical projects encompassing petroleum refining; oil and gas production; natural gas processing; synthetic fuels manufacturing; and related environmental, analytical, waste handling, health, and safety matters. Projects included pilot plant operation; preparation of operating manuals; design basis for hydrocracking, hydrogenation, and visbreaking processes; technical and economic viability studies; synthetic fuels; coal gasification; oil and water treating; contaminated oils, soils and waters; property damage and business interruption insurance claim preparation; environmental testing and assessments; risk and safety facility inspections; and selling, refurbishing and dismantling processing plants. Fred's experience includes 11 years with Sun Refining & Marketing Company's Applied Research Department as a Senior Research Engineer and Project Leader in the Process Development Section, six years with Sun Exploration & Production Company in Planning, New Business Development and Technology departments, five years with Oryx Energy Company as Staff Chemical Engineer in the Production Service Laboratory and several years as a Senior Engineering Consultant. He is a licensed Professional Engineer in Texas and Pennsylvania and graduated with a B.S. Chemical Engineering (1963) and a M.S. Chemical Engineering (1966) from Drexel University, Philadelphia, Pennsylvania.