

WWW.TRIPLEFIVE.COM

## ABOUT TRIPLE FIVE WORLDWIDE



Natural Resources

Oil, Gas and Minerals
Petrochemical Engineering
Industrial Manufacturing
Auto Manufacturing
Diamond Switch Gear

Naval Part Manufacturing

Tourism Banking

Native Affairs

Drilling

Technology
Telecommunication

Biotechnology

Philanthropy

Hotels

Real Estate

Private Equity

American Dream
World's Largest Shopping Centre
www.americandream.com

West Edmonton Mall World's Second Largest Shopping Centre Mall of America World's Third Largest Shopping Centre Triple Five Group is a multinational conglomerate with highly diverse development interests and offices located in many major cities in the United States, Canada and internationally. Triple Five's unique strength is its experience in a wide range of projects, endowing the organization with ideal expertise and best practices for creating successful developments, executing complex projects, and producing hydrocarbon and other natural resources. Triple Five currently owns and operates more than 1,000 producing oil and gas wells.

Triple Five has decades of exploration, development, and production experience. Three generations of the Ghermezian family have actively developed and managed an extensive portfolio of diverse world projects.

With its staff of more than 2,000 people, Triple Five's worldwide ventures include the development, ownership and management of oil, gas, mining, technology, and research, with diverse interests in natural resource development, engineering, automotive and other industrial manufacturing business venture capital, banking and finance enterprises such as landmark shopping malls, tourism projects, office and industrial buildings, major industrial designs, municipal infrastructure and master planning projects, revitalization programs, urban

entertainment destinations, recreation and amusement parks, hospitality projects, casinos, residential, commercial and industrial real estate developments, stadiums, arenas, and sports facilities.

### TRIPLE FIVE HEADQUARTERS AND OFFICES

### CANADIAN OFFICES

Edmonton, Alberta Calgary, Alberta Toronto, Ontario

Vancouver, British Columbia

### **UNITED STATES OFFICES**

Las Vegas, Nevada Minneapolis, Minnesota New York, New York

San Francisco, California Houston, Texas

Victoria, Texas Yoakum, Texas

Corpus Christi, Texas

### **INTERNATIONAL OFFICES**

USA Canada Europe Middle East China





NADER GHERMEZIAN
CHAIRMAN, TRIPLE FIVE WORLDWIDE,
WEARING THE COMMEMORATIVE MEDAL
OF THE CONFEDERATION OF CANADA

### NADER GHERMEZIAN CHAIRMAN, TRIPLE FIVE WORLDWIDE

Mr. Nader Ghermezian is the Chairman of Triple Five Group of Companies Worldwide, which under his guidance has become a multi-national conglomerate. Mr. Ghermezian started his entrepreneurship at the age of 21 after attending McGill University in Montreal, Quebec, Canada. Mr. Ghermezian takes a special interest to be involved in all major decisions Triple Five Group makes. To date, Triple Five Group ventures have created more than 50,000 direct and indirect jobs. Mr. Ghermezian is a philanthropist and is involved in assisting more than 200 charities internationally. Mr. Ghermezian has also recieved many awards, including:

- The Commemorative Medal for the 125th Anniversary of the Confederation of Canada in recognition of significant contribution to compatriots, community, and to Canada;
- The Great Canadian Award recognizing outstanding services to the people of Alberta; and
- The Family of the Century Award Alberta Centennial, Canada.





JOHN GHERMEZIAN
PRESIDENT & CEO
TRIPLE FIVE WORLDWIDE
ENERGY AND PLATINUM
ENERGY RESOURCES

### JOHN GHERMEZIAN PRESIDENT & CEO OF TRIPLE FIVE WORLDWIDE ENERGY AND PLATINUM ENERGY RESOURCES

Mr. John Ghermezian serves as President & CEO of Platinum Energy Resources, Inc. He is experienced in management and business development in the private enterprise environment. Mr. Ghermezian brings a fresh perspective, innate leadership qualities, and exceptional negotiation skills. With his expertise he continues to help build the strong, professional team the makes up Platinum Energy.

Prior to joining Platinum, Mr. Ghermezian served as a Senior Vice President of Business Development for Triple Five Worldwide. His responsibilities included identifying new business ventures for the organization in various industries including real estate, retail, and technology.



INTERNATIONAL EXPLORATION, PETROCHEMICAL

USA E&P COMPANIES

**ENGINEERING** 

TRIPLE FIVE EXPLORATION & MINERAL RESOURCES

OIL, GAS, & COAL EXPLORATION DEVELOPMENT, OPERATIONS & DISTRIBUTION MEI TRIPLE FIVE WORLDWIDE ENGINEERING LLC (www.mei555engineering.com) TRIPLE FIVE ENGINEERING

TRIPLE FIVE ENVIRONMENT ASSESSMENT & PROTECTION

T5 PLATINUM ENERGY

TANDEM ENERGY **KDR ENERGY** 

MIXON DRILLING

OTHER AFFILIATE COMPANIES



AL RAHMANI
VICE-CHAIRMAN AND CHIEF EXECUTIVE
OFFICER, TRIPLE FIVE WORLDWIDE
ENGINEERING

### AL RAHMANI VICE-CHAIRMAN AND CHIEF EXECUTIVE OFFICER, TRIPLE FIVE WORLDWIDE ENGINEERING (WWW.MEI555ENGINEERING.COM)

With a Master of Science Degree in Civil and Environmental Engineering from the University of Massachusetts, Mr. Al Rahmani brings extensive knowledge and experience in the area of land, infrastructure development and oil and gas development to Triple Five. Mr. Rahmani, along with 450 full-time Triple Five hydrocarbon-related engineers and planners under his supervision, has worked on a wide range of projects around the world. Mr. Rahmani has the expertise to lead a project from conception to development and oversees the engineering design and construction management of such developments. Some of these projects include hydrocarbon-related projects, a sea port with all related facilities, an airplane hangar, hospitals, hotels, highways, bridges and tunnels, mixed-use city centre developments, pipeline oil and gas reservoirs, more than 1000 operating oil and gas wells, and waste recycling facilities.







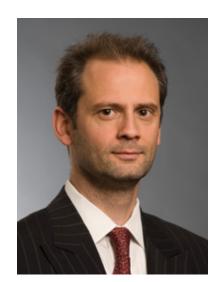
RALPH W SCHOFIELD
CHIEF OPERATING OFFICER
PLATINUM ENERGY RESOURCES
TRIPLE FIVE WORLD GROUP

### RALPH W SCHOFIELD CHIEF OPERATING OFFICER, PLATINUM ENERGY RESOURCES, TRIPLE FIVE WORLD GROUP

Mr. Ralph Schofield currently serves as Chief Operating Officer, Platinum Energy Resources, Inc. Previously, he was the President of Huber Energy, a business unit of JM Huber Corporation. Since 1992, Mr. Schofield has held senior executive positions at WellDog, Amerada Hess E&P U.S., and PanCanadian. He began his career at Amoco International and served in positions of responsibility overseas and in the U.S. Mr. Schofield has been recognized as an industry leader, twice addressed the G-7 on energy policies, served on boards and advisory boards at three major universities, and twice on industry association executive boards at Canada Energy Industry Association and National Ocean Industries Association (NOIA). Mr. Schofield served as an official energy industry spokesperson from 1998 to 2001, addressing the Gulf of Mexico Deepwater/Ultradeepwater Royalty issues and the protection of gulf coast waters, presenting to the DOE, DOI, and MMS. He expresses strong beliefs about protecting our environment while developing oil and gas in the U.S. In 2009, Huber won the U.S. government's (DOI) Best Environmental Practices Award for Energy under his leadership.

Mr. Schofield has had the fortune to participate in and direct E&P teams involved in discovering, developing and producing oil and gas in Canada, the U.S. onshore and GOM, the Middle East, North Africa, West Africa and the North Sea.





DAVID GHERMEZIAN
VICE-CHAIRMAN AND CHIEF
EXECUTIVE OFFICER, TRIPLE FIVE
WORLDWIDE, UNITED STATES

### DAVID GHERMEZIAN VICE-CHAIRMAN AND CHIEF EXECUTIVE OFFICER, TRIPLE FIVE WORLDWIDE, UNITED STATES

Mr. David Ghermezian earned an MBA of finance in 1995 and has been actively involved with Triple Five ever since. His responsibilities include acquisitions, financing, and overall management of Triple Five's interests in the United States and internationally. He has developed first-class complexes throughout North America and has arranged billions of dollars in financing. In addition to acting as the CEO of Triple Five, U.S.A., Mr. Ghermezian is a director of many other Triple Five Group of Companies, including director and a member of both the Executive and the Investment Committees of the largest private financial institution in Canada, which is legally owned by the Ghermezian family.

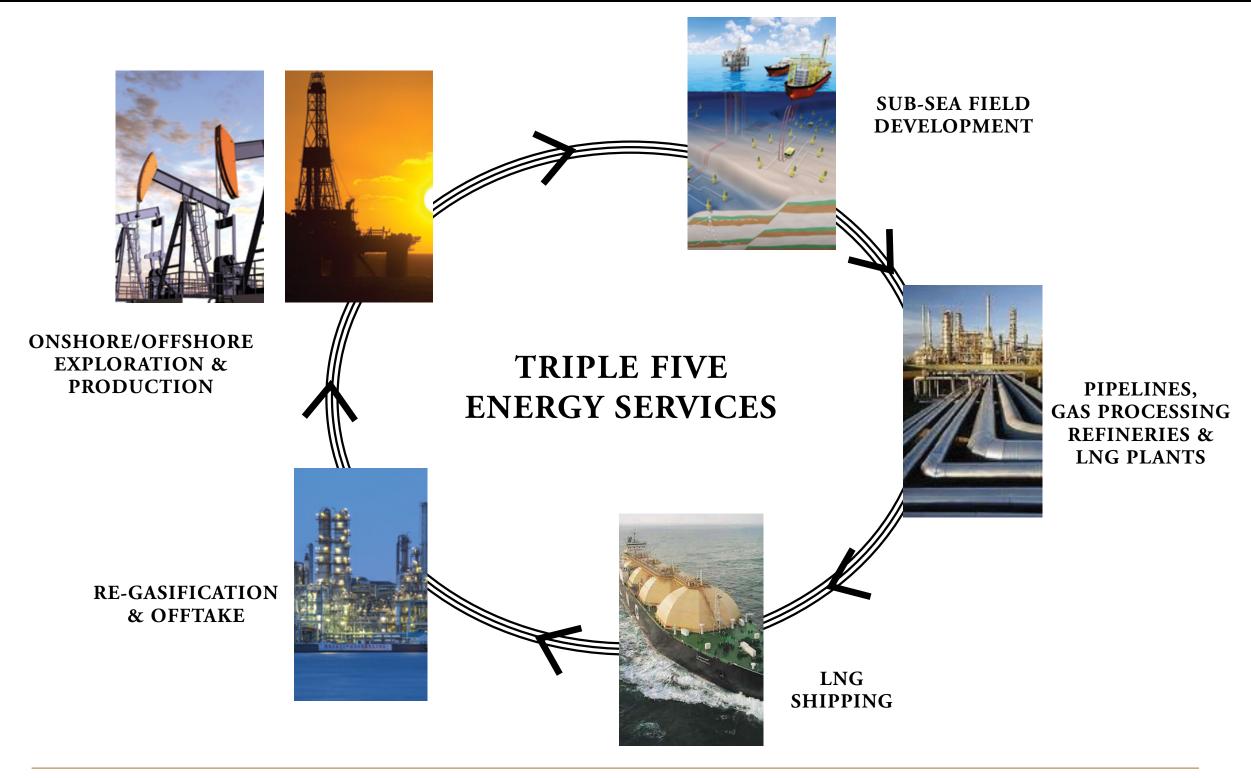


## OUR GLOBAL PRESENCE

# TRIPLE FIVE EXPLORATION & MINERAL RESOURCES: ALBERTA & SASKATCHEWAN, CANADA



## TAPPING INTO THE WORLD'S ENERGY



## ABOUT TRIPLE FIVE ENERGY



### **OUR MISSION**

Using innovative ways, best business practices & technology excellence to unlock global hydrocarbon resources throughout the world by:

- Upholding safety, operational competence, & corporate integrity at all times.
- Creating a value chain of integrated business practices to optimize production, distribution, & marketing of hydrocarbons.

### **OUR STRATEGY**

Apply integrated technical, business & operational models & best practices.

### **OUR ENGINEERING TEAM**

Triple Five Energy is supported by its more than 450 highly experienced exploration, development and production geoscientists, geophysicists, reservoir, and production/operation engineers.

## ABOUT TRIPLE FIVE ENERGY



### TRIPLE FIVE ENERGY

Triple Five Energy develops onshore and offshore oil and gas resources around the world. With offices and staff across the globe, Triple Five Energy is able to ensure timely discoveries and production using our network of highly qualified staff.

An integrated chain of oil & gas exploration, development, production, & supply companies providing innovative ways to unlock global hydrocarbon resources.

## **SERVICES**

Project Management

Concept Development

Engineering & Design

Procurement

Construction Management

Construction Oversight / Inspection

Commissioning & Startup

## OIL & GAS STREAM (UPSTREAM AND MIDSTREAM)

**Production Facilities** 

Separation / Stabilization / Storage

Gas Compression / Processing / Treating

Water Disposal Facilities

System Optimization

**Pumping Stations** 

Gathering Systems

**Pipelines** 

LNG

### **INFRASTRUCTURE STREAM**

Site Development

Drainage Studies & Design

Streets & Highways

Transit Terminals Design

Transportation Studies

Bridges

# INDUSTRIAL STREAM (REFINING, PETROCHEMICAL & CHEMICAL)

Refinery Units Expansion

Process Units Revamps / Conversion

Wastewater / Sour Water Facilities

Fired Heaters / Flare Systems

Power Generation

Docks / Pier Replacement

**Product Loading Facilities** 

**Operations Support** 

Offshore and Onshore Design, Development, and Production

### **SURVEY STREAM**

Roads & Bridge Design Surveys

Right-of-Way / Route Surveys

Boundary / Topographic

Hydrographic / Environmental

Platting and Zoning

Pipeline Mapping

Construction / Well Staking

# PLANT EXPANSION STUDY

Study performed to determine incremental capacity from 10,000 to 20,000 bpd using two feed compositions.

Feasible energy reduction projects were identified.

Results were used to determine the economics of a debottlenecking option and the scope of other potential projects.

# NATURAL GAS PRODUCTION FACILITY DEVELOPMENT

Assist in finding outlets for shut-in gas.

Triple Five Energy performed a "fast track" option selection study, after which a process simulation model was developed to evaluate gas processing and transportation solutions.

Final recommendation consisted of the installation of a 60 MMscfd J-T process with a 3,000 bpd condensate stabilizer for blending of NGL products into the condensate stream.

The J-T skid was rented to expedite the procurement of major equipment.

Detailed design, procurement, construction and commissioning of the new J-T and stabilizer facilities and pipeline taps.

NATURAL GAS STORAGE / NGL PLANT INTERCONNECT Design of all piping tie-ins and design of all equipment foundations.

Triple Five Energy executed the project on an accelerated schedule to meet contractual commitments.









PIPELINE INTERCONNECTION AND METER SITES

Interconnections for different pipeline companies, each with their own specifications and requirements.

Engineering, design and procurement assistance for five pipeline interconnection and metering sites.

Triple Five Energy handled interfaces with design and technical issues as well as the specific metering requirements.

NATURAL GAS COMPRESSOR STATION Installation of Solar Saturn turbo-compressor packages, coolers, inlet scrubber, Motor coach control, and associated piping as part of a residual gas compression project.

Engineering, procurement and construction management (EPCM) contractor.

Site construction contractors management.

The project was completed on an accelerated schedule.

TWELVE FINGER SLUG CATCHER (TRINIDAD & TOBAGO) Foundation / Structural Engineering Piping Design Fabrication Support Construction Coordination Commissioning Assistance

# MULTI-TRAIN RESIDUAL GAS COMPRESSION (VENEZUELA)

Triple Five Energy teamed with Siemens to provide engineering and design services for the balance of plant portion of residual gas compression units.

Siemens is the prime contractor for the compression and turbo-machinery.

Triple Five Energy is providing all equipment and material pricing as well as all balance of plant engineering and design services. Triple Five Energy is maximizing local content by working in collaboration with a Venezuelan firm to provide in-country engineering services for a portion of the design scope of work.

CRUDE OIL (ST. EUSTATIUS) TERMINAL

Developed scope of work, execution plan, total installed cost estimates, 3D modeling, and infrastructure upgrades to convert to Heavy Crude Oil Storage and Fuel Oil Storage and Blending.

Modeled five (5) separate areas of construction

- (3) 17,500 GPM 4184 HP pumps
- (2) 1750 HP pumps
- (3) Metal Buildings

Engineered Hot Oil System

Engineered and Designed two (2) New 1000KW Generators

New Motor Control Center



PIPELINE REPLACEMENT AND ENVIRONMENTAL AND REGULATORY EVALUATION Pipeline modeling and size selection

Route evaluation

Design of pig launchers, receivers, slug catchers and tie-ins

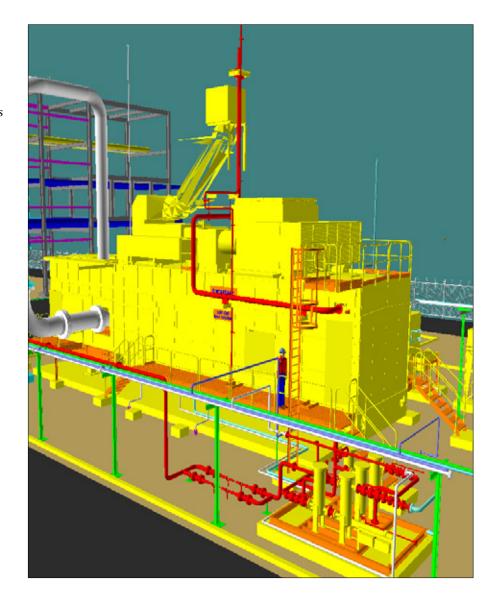
Land and right-of-way evaluation

Preparation of the construction scope of work

Capital cost estimate

EPC project schedule

NATURAL GAS COMPRESSOR STATION Compressor Building; Compressors
Coolers: Gas Stream / Engine Conditioning
Slug Catcher
Filtration Systems
Lube Oil Tanks
Filter Separators
Efficient Layout for Easy Maintenance



## WEST TEXAS FIELD DEVELOPMENT - PLANT FEASIBILITY STUDY

Triple Five Energy performed a gas processing feasibility study to evaluate gas processing alternatives and economics for an existing field development. Triple Five Energy performed process simulations for both J-T and cryogenic gas processes. Triple Five Energy also sourced and evaluated available cryogenic plants. Based on a detailed option assessment, Triple Five Energy recommended that the client first attempt to renegotiate the third- party processing contract they had with their existing gas processor. The client was successful in renegotiating a better rate with the pipeline company.

## PIPELINE INTERCONNECT FACILITIES

Triple Five Energy provided engineering and surveying services for the installation of a hot tap, interconnect piping, and metering facilities for interconnection of two major natural gas pipelines. The installation consisted of a 10-inch hot tap assembly, 10-inch interconnect pipeline, meter station facilities, electronic gas measurement equipment, communications equipment, gas chromatograph, and cathodic protection system.

## COALBED GAS SURFACE FACILITIES EXPANSION

Triple Five Energy was selected to lead the surface facilities engineering effort for a major coalbed methane gas field expansion in Colorado. This effort included identification of project requirements and constraints, option identification and evaluation, risk assessment, cost estimating and project scheduling.

## INDUSTRIAL STREAM PROJECTS

# CUMENE PP FEED CONDITIONING

SOUR CRUDE PROCESSING PROJECT

HEATER LOW NOX MODIFICATION Engineering and design for the installation of a Cumene PP feed conditioning system consisting of two beds of material (Alumina).

Design and installation of regeneration system including heater, coolers, coalescer, pumps, switching valves and controls. Modification of existing vessels to operate as Alumina adsorption beds.

Provide capacity to process sour crude feedstock.

Relocation of a surplus reactor and its installation as a second hydrotreater.

Increase previous rate of amine circulation to three times the original rate.

Replacement of selected crude and vacuum equipment items and piping with upgraded metallurgy.

Interconnect utility and process services.

Installation of a 130 LTPD Sulfur Recovery Unit.

Review piping flexibility and perform pipe stress analysis as required.

Detail manual and CAD P&ID, civil/structural, piping, instrumentation, and electrical drawings.

Preparation of project construction work scope packages.

Support customer to finalize process equipment specifications, purchase requisitions, and review pump, heat exchanger, and vessel vendor submittal drawings.

Engineering and design to replace existing burners in two heaters with "Next Generation" Ultra Low NOx burners (ULNB).

New burners decreased NOx emissions below 0.045 lbs./MM BTUs.

Modifications to the air preheat ductwork.

Installation of parallel coalescing filters.

Replacing existing fuel gas piping and pilot gas piping.

Continuous Emission Monitoring System (CEMS) in the common stack between the two heaters.



## INDUSTRIAL STREAM PROJECTS

## RELIEF VALVE STUDY PROGRAM

Study the relief and flare systems and develop a report with the proper recommendations to address the deficiencies.

Process studies to verify the findings of the other engineering company, size relief systems, engineer and design new relief valves and systems, new flare headers, and perform vessel calculations to modify and / or re-rate vessels and heat exchangers.

Process design through Turnaround Construction; Two units with 82 issues has completed Process Design, Front-End Engineering and Detailed Design; One unit will include adding a new 16" flare header.

Eight smaller units were evaluated.

### **FLARE STUDY**

Major review of hydraulic and capacity requirements for an overall refinery 3-flare system.

Evaluation of flare additions and multiple combinations of plant outages, flare outages and relief rate mitigation strategies.

The project managed to eliminate the addition of a fourth, \$20 million flare system.

# FLARE GAS RECOVERY SYSTEM

Analyzed the existing Amine Contactor.

Review of the refinery's sour water stripping capabilities.

Performed hydraulic analysis on the two flare headers.

Analyzed the systems based on three design conditions.

Size and install a Flare Gas Recovery System that included:

Three 1040 scfm 600HP liquid ring compressors

Liquid / gas separator drum

Seal liquid coolers

Flare system water seal.

Performed all the Outside Battery Limits effort including process, power, arc flash studies, piping, civil, structural, instrument, and electrical work.

## INDUSTRIAL STREAM PROJECTS

# FLARE GAS RECOVERY PROJECT

Analyzed loads and requirements from three flares with two design conditions base load and emergency upset.

Performed option analysis comparing liquid ring compressors and liquid reduction. Chose Liquid Ring Compressors.

Designed installation of a four compressor system.

Installed new Seal Drums to be installed on the three flares.

# FLARE SYSTEM EVALUATION

Engineered and designed the addition of a Coker and Gas Plant with a complete flare evaluation and relief study.

Engineered and designed the addition of 12.5 KV distribution feeder and upgraded the existing electrical system.

Supported customer to finalize process equipment specifications, purchase requisitions, and review pump, heat exchanger, and vessel vendor submittal drawings.

Reviewed piping flexibility and perform pipe stress analysis as required.

Detail manual and CAD P&ID, civil/structural, piping, instrumentation, and electrical drawings.

Prepared project construction work scope packages.

# FLARE SYSTEM MODIFICATIONS

Reviewed the open and close flare systems.

Designed a closed flare system, and divided the closed system into hot and cold service.



## ABOUT TRIPLE FIVE WORLDWIDE

### ETHANOL TERMINALS

Engineering / Design for the Instrumentation and Electrical portion of the installation of new pumps, metering stations, new tank installations, injection control skids, and new truck racks for more than eight (8) separate ethanol upgrade projects.

Mechanical, Civil / Structural, Instrument, and Electrical design on two projects for the upgrade of terminal facilities to accept, store, and dispense ethanol including motor control center upgrades, new tanks, new truck racks and city permitting.

# DOCK AND PIER REPLACEMENT

Mechanical, Electrical, and Instrument engineering and design for the replacement of the dock, trestle, dock house, security com center, hose tower, off-load pumps, unloading and slop lines, breasting and mooring dolphins.

Civil design for shore modifications.

Coordination with a third party engineering company for the design and installation of the dock and pier itself.

# CRUDE OIL REFINERY (ARUBA)

Dock & Pier Rehabilitation Projects

Alternate Cooling Water Supply to two (2) hydrogen units including engineered hydraulic systems

Upgrade Cooling Water Systems and Structures

Installing almost 100 safe sampling systems

Powerhouse Upgrade & Substation Replacement

V3AR Fire Damage Engineering & Design

Package Boiler UPS System Power Upgrade

# TRIPLE FIVE NAVAL SUPPLY & SERVICES

Triple Five manufactures and supply parts for international naval operations





## **ENVIRONMENTAL PROJECTS**

### POTABLE WATER SYSTEM

Performed hydraulic studies to determine the pressure and flow throughout two plants within the Public Water Distributors.

Upgraded underground water mains, metering stations, and installed booster pumps as necessary to meet distribution requirements.

Developed an aboveground pipe specification which met NSF / ANSI 61, and AWWA requirements.

Audited one plant, determined areas that needed to be upgraded to meet the new specification, and designed the upgrades.

Engineered and designed complete replacement of the potable water system.

# STORM WATER IMPROVEMENTS

Performed a drainage study, consisting of a contributing drainage area of approximately 127 acres, to identify needed drainage improvements.

Improvements for this project included a concrete-lined trapezoidal ditch, reinforced concrete box culvert and headwall structure, and metal beam safety guard fence.

Performed the detailed engineering and design for this project, including the field topographic survey; foundation, hydrological, hydraulic, and sizing calculations; and preparation of the detailed design drawings and documents, including city and county permits.



## TRIPLE FIVE ENERGY TEAM



PAUL GHERMEZIA SENIOR VICE PRESIDENT, TRIPLE FIVE WORLDWIDE



JUSTIN GHERMEZIAN SENIOR VICE PRESIDENT OF BUSINESS DEVELOPMENT, TRIPLE FIVE WORLDWIDE, PRESIDENT, CELONEX PHARMACEUTICALS

#### PAUL GHERMEZIAN SENIOR EXECUTIVE VICE PRESIDENT, TRIPLE FIVE WORLDWIDE

Mr. Paul Ghermezian completed his university education majoring in finance in New York. Mr. Ghermezian gained further experience in finance by joining Canadian Imperial Bank of Commerce. He also played a key role in the sale of a successful advertising media company. Mr. Ghermezian focuses his talents and education toward the extensive and varied Ghermezian Family's business interests, mainly targeting the financial aspect of energy management. As Senior Vice President of Triple Five, Mr. Ghermezian is in the best position to exhibit his flair for management and his natural leadership skills. His vision for the future, together with his energy, insight and enthusiasm for developing the Company to its full potential, are key elements of his character and the Ghermezian work ethic.

### JUSTIN GHERMEZIAN SENIOR EXECUTIVE VICE PRESIDENT OF BUSINESS DEVELOPMENT, TRIPLE FIVE WORLDWIDE, PRESIDENT, CELONEX PHARMACEUTICALS

After completing a degree in finance, Mr. Ghermezian joined the Triple Five group as Vice President of Business Development. He is responsible for identifying new business ventures for the organization in various industries including real estate, retail and technology. Mr. Ghermezian brings to the Triple Five Group a fresh perspective, innate leadership qualities and exceptional negotiation skills. In addition to business development, Mr. Ghermezian oversees the Research and Technology Division of the Triple Five Group and is the President of Celonex, the pharmaceutical and life sciences division of Triple Five.

## TRIPLE FIVE ENERGY TEAM



WILLIAM F. FORDTRAN PE., P.M.P. – VICE-PRESIDENT OF OPERATIONS, COO OF ENGINEERING DIVISION



CHESTER L. SACKETT SENIOR VICE-PRESIDENT ENGINEERING DIVISION

### WILLIAM F. FORDTRAN PE., P.M.P. - VICE-PRESIDENT OF OPERATIONS, COO OF ENGINEERING DIVISION

Mr. William Fordtran came to Triple Five Affiliated Engineering with more than 30 years in the refining business. He served as Chief Operating Officer and cofounder of INDTECH, Inc. from 1989 through 2002. He started his career with Coastal Refining as a Maintenance Engineer, rising to the position of Engineering Manger of Capital Projects. He has extensive experience in heavy oil refining. Mr. Fordtran is a registered Professional Engineer in the state of Texas and a certified Project Manager Professional.

### CHESTER L. SACKETT SENIOR VICE-PRESIDENT, ENGINEERING DIVISION

Mr. Chester Sackett is a Senior Construction and Engineering Executive with extensive experience in developing and implementing programs for major Oil & Gas organizations such as BP, Exxon, Mobil, Valero, Premcor, Rohm Haas and ARCO. This project experience ranges from small warranty and maintenance contracts to large turnkey, new construction contracts, the largest valued at over \$1.8 billion.

Mr. Sackett's experience in manufacturing ranges from local management of regional operations to corporate responsibility for more than 2,000 employees worldwide. Key positions held by Mr. Sackett have included: Founder and CEO – Paragon Management, LLC, Vice-President, Program Manager, Executive Director, Risk Manager, VP HR and Director of Occupational Health Safety and Environmental Affairs. Mr. Sackett has served on the Board of Directors for seven domestic companies, two of which included international subsidiaries. He has also served as President of the Mobil Oil Steering Committee, Ultamar/Diamond Shamrock Steering Committee and the Atlantic Richfield Alliance. Mr. Sackett currently serves on the Board of Directors of the Texas Workforce Commission and WarSac Industries, Inc. (WSI). Mr. Sackett holds a bachelor's in Applied Science, Occupational Health from the University of California, and has completed graduate coursework at the University of La Verne, with an emphasis in Executive Management.





DOUGLAS ERWIN
P.E., SENIOR PROJECT
MANAGER



MONICA RAMERIZ SENIOR PROJECT ENGINEER & MANAGER

### DOUGLAS ERWIN P.E., SENIOR PROJECT MANAGER

Mr. Douglas Erwin is a Registered Professional Engineer with more than 50 years experience in process engineering assignments. Mr. Erwin is an acknowledged specialist for acid gas treating, amine systems of all types and solvent systems, including propylene carbonate and the Selexol processes. Mr. Erwin has authored a number of publications on expert and technical crude oil production surface facility selection-design and associated gas surface facility onshore, offshore platforms, pipeline design/operation, pipeline transient control, acid gas treating processes of every kind, and upstream FPSO's. In addition, Mr. Erwin has self-authored process engineering simulation software, produces process schemes for liquid-liquid extraction, gas plants, sulfur Claus plants, and various chemical plant specialty processes. Supervising a process group conceptual design of complex processes is accomplished such as Frade FPSO Project DGA 5ppmv CO2 remainder and 9 degree API heavy oil dehydration Exxon HAMACA Corpoven Project, Oronoco Oil Belt. Mr. Erwin is a technologist for the selection of complex process equipment and complex equipment designs. He serves as both a project manager and specialist in both fractionation vapor-liquid separation equipment technologies and oil/gas conditioning technologies. Mr. Erwin is also an expert technologist in emergency relief systems, relief valves through the flare discharge, and API – ASME codes. EPA regulatory permitting are common coverages.

### MONICA RAMERIZ SENIOR PROJECT ENGINEER & MANAGER

Ms. Monica Ramirez has over 17 years of experience holding various engineering, operations, and management roles in the Petrochemical and Refining Industries. She has managed Project Engineering, Maintenance, and Inspection departments for owners and operators and has acted as on-site project coordinator. She manages all development and implementation of the Health and Safety programs used by the company. She received her Electrical Engineering Degree from the University of Las Andes and her Masters in Business from the University of Zulia.



TROY WEISS
SENIOR PIPING & EQUIPMENT
DESIGNER



CHRISTOPHER
GUILLORY
PIPING DESIGNER &
DRAFTING SUPERVISOR

### TROY WEISS SENIOR PIPING & EQUIPMENT DESIGNER

Mr. Troy Weiss has over 24 years of experience in the field of Petrochemical and Upstream Production facilities design both on and offshore, with on-site field experience both domestic and overseas. He obtained his degrees from both Lamar University in Beaumont, Texas, at the University of Houston. Mr. Weiss designs for Shell Salt Water Disposal Facilities, including the reciprocating compressors, high pressure pipelines, tanks, and water conditioning skids. He also oversees all design and layout for all piping, supports, and utilities for the addition of a compressor with scrubbers, gas coolers, tie-in points, and road crossings, and has developed 3D models to facilitate operation reviews.

### CHRISTOPHER GUILLORY PIPING DESIGNER & DRAFTING SUPERVISOR

Mr. Christopher Guillory has 16 years of designing and field experience that has been gained on a variety of projects, primarily on-site in gas production, refinery, and chemical plant and up-stream production facility environments. He was also in charge of coordinating the drafting efforts at client and in-house locations. and responsible for layout and design, generating and updating piping plans and elevations, isometrics, and P&IDs, preparing field sketches of existing piping installations, and interaction with field personnel and clients. These systems were designed using 3-D Modeling software packages such as Bentley-AutoPlant, CADWorx and PDS. Mr. Guillory was also responsible for creating and revising tie-in drawings and equipment lists, as well as document control and coordination between disciplines.



DAVID DUDNEY
PROCESS ENGINEERING LEAD &
SENIOR VICE PRESIDENT,
ENGINEERING DIVISION



PROJECT MANAGER

#### DAVID DUDNEY PROCESS ENGINEERING LEAD & SENIOR VICE PRESIDENT, ENGINEERING DIVISION

Mr. David Dudney has over four decades of experience in process design and project management in the full spectrum of the hydrocarbon processing industries, including production, mid-stream, refining, petrochemical and chemical industries. He has performed as lead process engineer on a diversity of oil and gas projects and as the principal manager of projects ranging in size from very small to over \$400 million.

### JEFFERY P. BARTON SENIOR PROJECT ENGINEER & PROJECT MANAGER

Mr. Jeff Barton has 20 years of experience in the Pipeline, Petrochemical, and Oil & Gas industries in all phases of project management and execution, include scoping, engineering and design, hazards analysis, procurement, operations troubleshooting, construction, and commissioning. Mr. Barton oversees developing the overall project scope, heads the cost estimate for project funding, managing all engineering and design schedules and budgets, and reviews the cost control for the overall project. In addition, Mr. Barton prepares construction bid packages including construction scope of work, overall site plans and detail fabrication drawings. He is experienced with the development of engineering drawings, including PFD's, P&ID's, plot plans, pipe plans and isometrics, fabrication drawings, and alignment sheets.



PATRICK C. MATUSER
PE., R.P.L.S., SURVEYING
BUSINESS STREAM VICEPRESIDENT



JOHN T. HAN P.E., RESERVOIR ENGINEERING MANAGER

#### PATRICK C. MATUSEK PE., R.P.L.S., SURVEYING BUSINESS STREAM VICE-PRESIDENT

Mr. Patrick Matusek is currently serving as Business Stream Manager for Triple Five Affiliated Engineering and has been registered as a Professional Engineer and Registered Professional Land Surveyor in the State of Texas for the last 24 years. He has served as Project Manager on numerous large bridge inspection and surveying projects for the Texas Department of Transportation over the same period. During that time, Mr. Matusek has been the project manager responsible for inspection and subsequent reports for approximately 15,000 bridges. Surveying projects have included right-of-way surveys, design and construction surveys, horizontal and vertical control surveys, and route surveys for pipelines. He has managed large teams on projects throughout the State of Texas. Mr. Matusek has a Civil Engineering degree from Texas A & M University and also has a Masters of Business Administration Degree from the University of Houston.

### JOHN T. HAN P.E., RESERVOIR ENGINEERING MANAGER

A registered Professional Engineer with over 35 years of experience, Mr. John Han joined Platinum Energy Resources, Inc. in February, 2013 as Manager of Reservoir Engineering.

Mr. Han started his career with Conoco in the Permian Basin and subsequently held positions of increased responsibilities. He is experienced in drilling and production engineering practices with recent years focus being in reservoir engineering, including economic analysis, acquisition and divestitures evaluation, and reserves certification of oil and gas properties in domestic U.S. and international locations including China, Indonesia, Australia, United Kingdom, the North Sea, Venezuela, Brazil and Mexico.

Prior to joining Platinum Energy, Mr. Han worked as an independent engineering consultant for Swift Energy and Tiandi Energy as reservoir engineering asset team lead and project manager. Mr. Han brings valuable experience and direction into Platinum's field development and reserves management.

Mr. Han earned his Bachelor of Science degree in Petroleum Engineering from Texas A&M University in 1975. He has been a registered Professional Engineer licensed in the State of Texas since 2000. His professional affiliations include the Society of Petroleum Engineers (SPE) and Society of Petroleum Evaluation Engineers (SPEE).





CLAUD D. RIDDLES OPERATIONS MANAGER



ROGER COLE GEOSCIENCE MANAGER

### CLAUD D. RIDDLES OPERATIONS MANAGER

Mr. Claud Riddles joined Platinum Energy Resources, Inc. in 2013 as Operations Manager. Mr. Riddles is a registered Professional Engineer with over 35 years of experience in numerous domestic United States locations and basins.

Mr. Riddles has a strong operational background and working knowledge of the entire exploration and production life cycle of a well, from generating a new prospect through the final abandonment and site reclamation activities. He also has the ability to fully integrate operations with the administrative, regulatory, and financial aspects of the company.

Mr. Riddles has been directly involved with numerous professional and industry organizations since graduating from Texas Tech University with a degree in Petroleum Engineering.

### ROGER COLE GEOSCIENCE MANAGER

Mr. Roger Cole joined Platinum Energy Resources, Inc. in July 2013 as Geoscience Manager. Prior to joining Platinum Energy, Mr. Cole was the Business Area Manager, Egypt, for El Paso E&P International. Mr. Cole brings a proven track record of building and developing subsurface teams utilizing the latest geophysical and geologic techniques to illuminate project potential.

Mr. Cole began his career at Texaco in 1981 and subsequently Chevron holding positions encompassing a broad spectrum of U.S. and international projects in the Gulf Coast, Rocky Mountains, Permian Basin, Deepwater Nigeria, and Ultra-deep GOM before moving to El Paso E&P in 2007 to explore for oil and gas in Egypt.

Mr. Cole earned a Bachelor and Master of Science degree in Biology and a Bachelor of Science in Geology from Texas A&I University in Kingsville. Mr. Cole is a Professional Geoscientist licensed in the State of Texas.



RUBEN COLCHADO CPA, MBA, VICE PRESIDENT FINANCE



T. CHRISTIAN OGDEN MANAGER – LAND & LEGAL

#### RUBEN COLCHADO CPA, MBA, VICE PRESIDENT FINANCE

Mr. Ruben Colchado joined Platinum Energy Resources, Inc. as Vice President of Finance in February 2012.

Mr. Colchado began his career in oil and gas in 1998 as an accountant for a drilling company in Houston, Texas. Mr. Colchado has held various analyst and management position with several organizations including CMS Oil and Gas, EnerVest Management Partners and Hurd Enterprises Limited.

As an active member of the industry, Mr. Colchado served as the President of the Petroleum Accounting Society San Antonio, the local Chapter of the Council of Petroleum Accountant Society (COPAS). Mr. Colchado is a member of the Houston Energy Finance Group. Mr. Colchado earned his Bachelor of Science Degree in Business with an emphasis in accountancy and taxation from the Bauer College of Business at the University of Houston. He earned a Master in Business Administration degree from the Executive MBA program from the University of Texas at San Antonio. Mr. Colchado is a licensed certified public accountant in the State of Texas.

### T. CHRISTIAN OGDEN MANAGER - LAND & LEGAL

Mr. T. Christian Ogden joined Platinum Energy Resources, Inc. as Manager – Land & Legal in January 2014.

Prior to joining Platinum Energy, Mr. Ogden worked in due diligence consulting in support of acquisition, divestiture, financing and initial public offering transactions totaling \$10 billion in the upstream and midstream sectors. Mr. Ogden has also worked in private practice preparing oil and gas title opinions and for field brokers managing title and acquisition projects.

Mr. Ogden earned his Bachelor of Arts Degree in both English and Philosophy from the University of Texas at San Antonio and his Juris Doctor degree from the Texas A&M University School of Law (formerly Texas Wesleyan School of Law).

Mr. Ogden serves on the advisory board of the Houston Aeronautical Heritage Society which manages the Hobby Airport 1940 Air Terminal Museum.



KIMMY WATSON MANAGER OF HSE & COMPLIANCE



KURT HAGEN
SENIOR VICE-PRESIDENT OF
DEVELOPMENT FOR TRIPLE
FIVE WORLDWIDE

#### KIMMY WATSON MANAGER OF HSE & COMPLIANCE

Mr. Kimmy Watson joined Platinum Energy Resources, Inc. in 2013 as Manager of HSE & Compliance. Prior to joining Platinum Energy, Mr. Watson was the Legacy Properties Team Lead for Shell Exploration and Production Company in Houston. Since 1986, Mr. Watson has held various positions in petroleum land management (Landman) with ARCO Oil and Gas Company and Mobil Oil Corp. As well, Mr. Watson has held Team Leader positions with the Texas Commission on Environmental Quality (Region 12 office) and HSE management and consultant positions with Shell Oil Company.

Mr. Watson received his undergraduate degree in Petroleum Land Management from the University of Houston.

#### KURT HAGEN SENIOR VICE-PRESIDENT OF DEVELOPMENT FOR TRIPLE FIVE WORLDWIDE

Mr. Kurt Hagen's career spans 23 years of commercial construction and development experience. The diversity of commercial construction and development experience Mr. Hagen has gained over the last two decades has given him a comprehensive understanding of the entire commercial development process from concept inception to completion. As Senior Vice-President of Development for Triple Five, Mr. Hagen has led the development team for Mall Of America (MOA) Phase 1 – a 4.2 million square foot retail and entertainment development in Bloomington, Minnesota, USA. Mr. Hagen now also heads MOA Phase II development for Triple Five. Phase II is projected to be 5.6 million square feet and will make Mall of America the largest retail and entertainment complex in the world. Mr. Hagen is responsible for all design and construction activities associated with this \$2 billion expansion including overseeing the market analysis, developing the master plan design, securing all City and State entitlements, and overseeing all anchor leasing. Mr. Hagen was also responsible for securing \$366 million in public funding for Phase II which was approved by the State Legislature in 2008. Mr. Hagen graduated from Minnesota State University, Mankato, Minnesota in 1986 with his B.S. Economics (4.0 GPA) and minor in Business Administration.



LUIGI ZORZETTO SENIOR VICE-PRESIDENT, TRIPLE FIVE WORLDWIDE



MATHEW MCLASH GENERAL COUNSEL, TRIPLE FIVE WORLDWIDE

### LUIGI ZORZETTO SENIOR VICE-PRESIDENT, TRIPLE FIVE WORLDWIDE

Mr. Luigi Zorzetto has been with Triple Five for over 42 years. He has been working with Triple Five in Canada, Florida, Arizona, Nevada and Washington. He has estimated, built and directed a variety of major projects such as large housing and apartment buildings, schools, hospitals, government buildings, hotels, amusement parks, and land developments. Some of the projects include West Edmonton Mall, College Plaza, West Edmonton Village, The Edmonton Coliseum, North Town Mall, Westmount Shopping Centre, Convention Inns, Argyle Plaza and many shopping centers in Las Vegas and Phoenix. Mr. Zorzetto received his Engineering degree in Industrial chemical (Italy), and Diploma in Carpentry, Construction, Estimating, Management, Surveying and Maintenance.

#### MATHEW MCLASH GENERAL COUNSEL, TRIPLE FIVE WORLDWIDE

As general counsel for Triple Five, Mr. Mathew McLash is an accomplished business executive with expertise in developing and negotiating business ventures in the real estate, finance, and oil and gas industries. Mr. McLash regularly conducts strategic real estate planning and negotiates numerous transaction agreements including real estate acquisition agreements, lease agreements and municipal development agreements worldwide. He successfully develops and maintains valuable business relationships and acts as a liaison with key lenders, government officials, consultants and members of boards of various Triple Five companies. Mr. McLash has proven success in developing and implementing strategy and solving complex business issues and in building and managing cohesive teams. Mr. McLash earned his law degree in 1999 from the University of Saskatchewan.





JOSEPH G.
SCHULDHAUS
VICE-PRESIDENT
INFORMATION TECHNOLOGY,
TRIPLE FIVE WORLDWIDE



FRANK RENOU PRESIDENT AND CHIEF EXECUTIVE OFFICER, PEOPLES TRUST BANK

#### JOSEPH G. SCHULDHAUS VICE-PRESIDENT INFORMATION TECHNOLOGY, TRIPLE FIVE WORLDWIDE

For the past 25 years Mr. Joseph Schuldhaus has focused his career on strategic information systems and technology initiatives. He is instrumental in strategic planning, implementing and supporting business operations employing state-of- the-art applications and software integration tools within these industries. Mr. Schuldhaus works with the Triple Five Group of Companies, the visionaries. Mr. Schuldhaus has assembled a talented team of I.T. professionals that also services and supports their Edmonton, Minneapolis, New York, Las Vegas, San Jose, Phoenix, and Houston operations. Leveraging the power of both wired and wireless LANs / WANs, his team supports a QoS-centric approach to IP-based video surveillance and access control, VoIP, VoWLAN, web and data services. Mr. Schuldhaus has been quoted in many technology journals and publications. He has been a presenter, panelist and speaker at many industry technology conferences on technology's role in property management, and was awarded a Computer World Honors Program 2006 Laurette, Network World All Star Award, Information Week Top 100 Award in wireless technologies.

### FRANK RENOU PRESIDENT AND CHIEF EXECUTIVE OFFICER, PEOPLES TRUST BANK

A graduate of the University of New Brunswick with a degree in Commerce, Mr. Frank Renou has been in the financial industry for over 30 years. Throughout his career, he has been involved in all aspects of the finance industry with an emphasis on lending and management. Mr. Renou has progressed from his role as one of the founding officers of Peoples Trust Bank, the largest privately held bank in Canada, to serving as its President & CEO since 1991. Mr. Renou is primarily responsible for the Company's overall operating performance in addition to other duties including corporate and strategic planning as well as intergovernmental relations.



IRA PERLMUTER MANAGING DIRECTOR, INDUSTRIAL DIVISIONS



MARTIN WALRATH
PRESIDENT AND CHIEF
FINANCIAL OFFICER, TRIPLE
FIVE BANKING DIVISIONS

#### IRA PERLMUTER MANAGING DIRECTOR, INDUSTRIAL DIVISIONS

Mr. Perlmuter, who joined Triple Five over 10 years ago, currently serves as head of Private Equity and Venture Capital for the Triple Five Group, www.triplefive.com. In addition, he is also Managing Director of T5 Equity Partners LLC, a lower middle market distressed buyout fund with the exclusive financial backing of Triple Five. Prior to starting at Triple Five, Mr. Perlmuter founded and ran Cove Capital Advisors, Inc. Cove Capital is a boutique financial restructuring, turnaround and distressed/bankruptcy M&A advisory firm. Cove Capital advised on over \$5.5 billion of assignments, serving clients such as JP Morgan Chase, the Republic of Korea, Fleet Bank and others.

Before that, Mr. Perlmuter was a Vice President in The Chase Manhattan Bank's elite Restructuring Group. Mr. Perlmuter was with Chase for over seven years focusing primarily on corporate loan restructurings to middle market and international companies. In that capacity, he restructured and/or sold over \$1.5 billion of troubled debt. In addition to the above, Mr. Perlmuter served as Liaison to Chase's Global M&A Group with a mandate to identify bankrupt or distressed M&A opportunities for Chase's top-tier clients. Further, Ira assisted in the formation of, and was an advisor to Knightbridge Capital Partners LLC, an investment bank established to do private placement transactions for growth and/or distressed companies.

Mr. Perlmuter also serves on the Board of one of the banks owned by Triple Five and is Chairman of the Bank's Credit Committee. Previously he served on the Advisory Board of Fairbanks Equity Funding Ltd., a hedge fund. For several years, Mr. Perlmuter gave the keynote address to the world-wide, senior management of the Korea Exchange Bank at a Credit Analysis and Loan Classification seminar. In addition, in March 2000, Mr. Perlmuter was chosen as one of the TOP 40 UNDER 40 by Business News New Jersey, a statewide, weekly business journal. Mr. Perlmuter also is a member of the Turnaround Management Association.

### MARTIN WALRATH PRESIDENT AND CHIEF FINANCIAL OFFICER, TRIPLE FIVE BANKING DIVISIONS

Mr. Martin Walrath has been with Triple Five since 1980 and has been primarily responsible for the financing activities and banking relationships of the company. He has been involved in several multi-billion-dollar financings for Triple Five. Before joining Triple Five, Mr. Walrath was Senior Vice-President at Mellon Bank. Mr. Walrath is also Director of Peoples Trust Bank, the largest privately held financial institution in Canada.



GLENN PACE
PRESIDENT, WELLINGTON
CORPORATION OF
NORTHERN CALIFORNIA,
PEMBROOK CITY PLANNING
AND URBAN DEVELOPMENT



OSVALDO L. GOTERA DIRECTOR OF BUSINESS DEVELOPMENT, ENGINEERING

#### GLENN PACE PRESIDENT, WELLINGTON CORPORATION OF NORTHERN CALIFORNIA, PEMBROOK CITY PLANNING AND URBAN DEVELOPMENT

Mr. Glenn Pace has led hundreds of millions of dollars worth of projects in the United States involving the development of industrial parks. Mr. Pace is currently developing 10 master plan communities in the United States worth over \$350 million. Mr. Pace brings expertise in construction, financial and contractual matters, due diligence, post due diligence and project implantation. His dedication to assembling a strong team, analyzing a project's viability in all areas and applying innovative management strategies for each, have been key to his success. Mr. Pace has been largely responsible for Triple Five's sizeable expansion into California. Under his leadership, there are currently master planning projects in various regions. Mr. Pace has a Masters of Science and Engineering Degree from the Dalhousie University of Halifax, Nova Scotia, and over 40 years of business management and real estate experience.

### OSVALDO L. GOTERA DIRECTOR OF BUSINESS DEVELOPMENT, ENGINEERING

A resourceful and collaborative business development professional, Mr. Osvaldo Gotera has a proven track record on large scale oil and gas projects impacting all elements of the hydrocarbon value chain throughout the USA, Canada and Latin America. His extensive professional experience, gained over many years with the BP / Amoco family of companies, included such key positions as Director, Midstream Business Development (Gulf of Mexico); Director, International Negotiations and Natural Gas Business Development (Latin America); and Manager, Facilities and Services, Gas Liquids Supply. Mr. Gotera is a successful multilingual, cross-cultural negotiator with excellent external facing skills, including relationship building, advocacy and opportunity development in complex and uncertain environments. His strong communication skills allow him to effectively manage business, technical and government interfaces to facilitate project delivery and key decision-making at the highest levels. Mr. Gotera is fluent in English and Spanish and conversational in Portuguese. He is a Registered Professional Engineer and holds degrees in Electrical Engineering from Northwestern University and a Masters in Business Administration from the University of Chicago.

# ABOUT TRIPLE FIVE ENERGY





### **BUSINESS STREAMS**

Triple Five Energy is a leading provider of project management, engineering and support services. We have brought skilled work teams together under a single, flexible organization with four operational units:

- Oil & Gas
- Industrial
- Infrastructure
- Surveying

### **OUR SERVICES**

Triple Five Energy offers cost-effective solutions to a wide range of engineering challenges. Our approach provides industrial, commercial and public sector clients with responsive, practical and economical strategies for completing projects on time and on budget.

- Project Management
- Engineering
- Procurement
- Construction Management

Triple Five Energy's growth has created a demand for professionals at all levels. We encourage you to apply and become one of Triple Five's successful team members. Triple Five team members continue to demonstrate the team environment concept that is created at the office throughout their community. Our employees contribute thousands of hours of community service to numerous community organizations and activities.

# TRIPLE FIVE ENERGY

### **SUCCESSFUL RELATIONSHIPS**

Anadarko Petroleum Corporation Koch Industries

Chevron Texas Alcoa
Cross Tex Energy Services Devon
Calpine Williams

Celanese The Port of Corpus Christi

Flint Hills Resources Total

DCP Midstream Spectra Energy

Grande Communications Targa
Dominion Arcadis

Enbridge Valero Energy Corporation
El Paso American Electric Power

Du PontShellNu Star EnergySiemensBPTechnip

Conoco Phillips



# ABOUT TRIPLE FIVE ENERGY



The people of Triple Five Energy help develop and implement practical solutions. We have assembled skilled work teams under a single flexible organization so we can apply the know-how and resources needed to address the specific needs.