

**César de León, P.E.**

**Pipeline Safety Consultant • PanAm Pipeline Technology, Inc.**

**218 Hoskins Trail; Boerne, Texas 78006**

**T: 830.537.6009 C: 210.452.0235 cesardeleon@gvtc.com www.pipelinesafetyconsultant.com**

**SUMMARY OF CAREER**

Over 40 years of engineering mgmt. experience in oil industry, Federal government, & consulting includes:

**IN GOVERNMENT**– Director of Office of Pipeline Safety in U.S. Department of Transportation.

**IN OIL INDUSTRY** – V.P. of Marketing & Admin. of company manufacturing oilfield well service equipment & (2) Engineering Manager of oilfield well servicing company.

**NOW IN CONSULTING** – Pipeline safety engineering consultant in PanAm Pipeline Technology.

**CAREER EXPERIENCE**

**PanAm Pipeline Technology, Inc.**

Aug 1997 - Present [A]sequential career chronology

Boerne, Texas [Texas - F-10282; Texas HUB; SBA 8(a)]

• Pipeline Safety Engineering Consultant

**Provide U.S. and international gas and oil pipeline safety engineering consulting services regarding:**

- **Code compliance and safety practices regarding U.S. Federal, State, and industry standards for design, construction, operation, and maintenance of gathering, gas transmission, gas distribution, and petroleum pipelines, including anti-drug and LNG standards.**
- **Expert witness in litigation for plaintiffs & defendants; over 20 depositions/court testimony.**
- **Pipeline accident investigations**      • **Pipeline inspections and safety audits**      • **Training**

• **Clients** include: Koch Pipeline; Conoco Pipeline; Duke Energy; Enogex(x2); Stephens Production; Southwest Gas(x3); DFW Airport; Nicor; El Paso Gas(x2); Sonat Exploration; Tejas Power; Grey Forest Utilities; Southern Union Gas; Pacific Gas & Electric(x3); Oasis Pipeline; Kinder Morgan Pipeline(x2); NI Gas; Nat'l Fuel Gas; Allianz insurers; Port of Brownsville; Atmos Energy; Public Service Electric & Gas; Salt River Project; Messer Constr; Columbia Gas Trans(x2); Dominion Peoples Gas(x2); Dept. of Defense; Dominion E. & P.; Transwestern Pipeline(x7); Belle Fourche Pipeline; City of Palo Alto; Equitable Production; Columbia Gulf Trans; Butte Pipeline; Airmaster Equipment; Bridger Pipeline; Posen Constr; GTS Technologies; PHMSA; TD Int'l; Eagle Pipeline Constr; Centurion Pipeline; Brewski Constr; Diamond Generating Corp(x2) **Int'l Clients** incl: Ente Nacional Regulador de Gas, Argentina; Puerto Rico Energy Power Authority; McKinsey & Co, Russia; Sofregaz, France; Organización Iberoamericana de Protección Contra Incendios, Colombia. **Testified:** CA Public Utilities Comm; CA Energy Resources Conservation & Development Comm.; AR Public Service Comm; AZ Corp. Comm; PHMSA NOPV Hearing. **Associates** incl.: Viadata; Booz Allen Hamilton, Inc(x2); Kiefner & Assoc; D. Peterson & Assoc; Protection Engr Consultants

- **Over 100 projects** include gas and oil pipeline consulting, training, & litigation regarding:
  - ◆ cathodic protection, construction, seam failure, corrosion, emergency response, excavation damage, gathering lines, leakage surveys, O&M Manuals, One-Call Systems, ILI pig, IMP, 80% SMYS, pipeline markers, pipe locating, temporary pipeline marking, MAOP, training, customer meters, coating, hydro testing, pipeline integrity, offshore valves, setback, hot-tap, public awareness, depth of cover, ROW easement, design & construction, propane, Subject Matter Expert, pipeline route, statistics, regulatory jurisdiction, DIMP, pre-1971 pipelines
  - ◆ Pipeline CIPP technology assessment in France & Belgium for determining market in U.S.
  - ◆ Design and construction consultant on proposed gas transmission pipeline in Puerto Rico.
  - ◆ Pipeline training in Colombia.    ◆ Pipeline inspection & research in Argentina and England.

### **Office of Pipeline Safety**

Research & Special Programs Admin. (now PHMSA)  
Department of Transportation  
Washington, D.C.

June 1983 - August 1997 [B]

- Deputy Assoc Administrator for Pipeline Safety
- Director, Standards and Technology
- Regional Chief, Southern Region (Atlanta)
- Pipeline Inspector, Western Region (Denver)

September 1971 - June 1980 [E]

- Acting Director/Director/Associate Bureau Dir.
- Deputy Director
- Compliance Officer

Directed the U.S. national program for the safe, reliable, and environmentally sound transportation by over 2 million miles of petroleum and gas pipelines in the country, including:

- Directed issuance and enforcement of design, construction, operation, and maintenance regulations for all gathering, gas transmission, gas distribution, and petroleum pipelines, incl. anti-drug & LNG regulations (49 CFR Parts 190 thru 199).
- Directed cooperative Federal/State intrastate pipeline safety program & grant-in-aid program.
- Directed or co-directed over 60 pipeline research projects (Attachment A).
- Directed DOT inspection of construction & initial operation of the Trans-Alaska Pipeline System.
- Testified on pipeline safety before U.S. Congress, state legislatures, and U.N. organization.
- Pipeline failures, deaths, & injuries were each reduced about 50% during 23 years with program.
- Charter member of Federal Senior Executive Service [ES-4].
- Personally conducted projects, include:
  - ◆ wrote & interpreted regulations.
  - ◆ investigated & determined cause of pipeline failures.
  - ◆ developed initial pipeline inspection and compliance program.
  - ◆ prescribed and conducted pipeline safety training at DOT Transportation Safety Institute.
  - ◆ inspected pipelines for regulatory compliance.

### **GEO Condor, Inc.**

Denver, CO

October 1981 - June 1983 [C]

- Vice-President, Mktg. & Admin.

Managed marketing & administration of the largest manufacturer of well servicing equipment, including:

- Administered the company's personnel, contracts, budget, and business planning.
- Assisted in the engineering design of fracturing, acidizing, cementing, and blender servicing units.
- Directed domestic & international (Mexico, India, Abu Dhabi, Argentina) marketing of equipment.
- Doubled annual sales the first year to \$32 million.

### **Western Company**

Ft. Worth, TX

June 1980 - October 1981 [D]

- Engineering Manager

December 1964 - September 1971 [F]

- Engineering Manager
- Project Engineer

Managed the Engineering Department of the second largest oilfield well servicing company in the country (\$650 million annual revenue; over 6,000 employees), including:

- Design of oilfield pumps, hi pressure piping, offshore fracturing/cementing skids, & plant facilities.
- Design of fracturing, acidizing, blenders, cementers, inland barges, & other servicing units.
- Meeting "management by objectives" goals that lowered well servicing unit manufacturing costs by 15%, equipment operating costs by 35%, and engineering design costs by 40% over a 3 year period.

- Personally conducted projects, include:
  - ◆ initial re-organizing of Eng. Dept., incl. procedures, records, & drawing and design criteria.
  - ◆ co-designed 300, 500, & 1000 hydraulic horsepower fracturing & cementing pumps.
  - ◆ designed equipment for introducing nitrogen fracturing service to the company.

**CHRONOLOGICAL SUMMARY OF CAREER**

[A] Aug. 1997 – Present	PanAm Pipeline Technology, Inc.
[B] June 1983 – Aug. 1997	Office of Pipeline Safety, DOT
[C] Oct. 1981 – June 1983	GEO Condor, Inc.
[D] June 1980 – Oct. 1981	Western Company
[E] Sept. 1971 – June 1980	Office of Pipeline Safety, DOT
[F] Dec. 1964 – Sept. 1971	Western Company
[*] Jan. 1958 – Dec. 1964	TX Hwy Dept. (1½ yrs.); Corps of Engrs. (1½ yrs.); Grad school; Ling-Temco-Vought Aeronautics (2½ yrs.)
[*] Sept. 1953 – Aug. 1955	U.S. Army; PFC; Bad Kissingen, Germany; honorable discharge

**EDUCATION**

M. Eng. in Civil Engineering	Texas A&M University/College Station (with honors)	May 1962
B.S. in Petroleum Engineering	University of Texas/Austin	Jan. 1958
A.A. in Pre-Engineering	Texas Southmost College/Brownsville (with honors)	May 1953

**SPECIAL SKILLS OR RECOGNITION, include**

- Fluent in Spanish.
- Licensed Professional Engineer in Texas (#23146 - since 1964) & Colorado (#21046 - since 1983).
- Published over 20 articles, including: hydraulic systems, pneumatic systems, LNG, cement blender, pipeline regulations, offshore pipeline standards, & underground gas storage (Attachment B).
- Presented speeches regarding pipeline safety to virtually every pipeline organization in the country, and before many foreign organizations (Attachment C).
- Public Member of DOT Technical Hazardous Liquid Pipeline Safety Standards Committee (pipeline experts appointed by Secretary of Transportation to advise DOT on pipeline regulations).
- Member of pipeline research committees in the NRC of the National Academy of Engineering.
- Role model in “Making It in Engineering” (ASME brochure on careers of accomplished minority engineers distributed to most high schools nationwide).
- TX & VA civic advisory boards, include: Arlington (TX) Hospital, American G.I. Forum, Ft.Worth Boys Club, Ft.Worth United Way, Ft.Worth Human Relations Comm., Virginia Advisory Board to U.S. Comm. on Civil Rights, Sembradores de Amistad Educational Foundation

**PROFESSIONAL ORGANIZATIONS, include**

- International Standards Organization (pipeline technical committees)
- ASME Pipeline Safety Research Committee
- Gas Piping Technology Committee (ANSI Z-380)
- Integrity Management Task Force, Gas Piping Technology Committee (ANSI Z-380)
- American Society of Civil Engrs; Society of Petroleum Engrs; Nat’l Society of Professional Engrs.

**Attachments available upon request**      01/15/2012