

Darrell Manceaux

| 713-447-8941 | dmanceaux@vpeinc.com |

Expertise Mr. Manceaux is a pipeline construction specialist with 21 years of specific cross-country pipeline construction supervision experience, spanning the globe. Combined with his pipeline operating experience, Mr. Manceaux has over 40 years of direct oil and gas pipeline field experience. He is an experienced supervisor with extensive background in liquid and gas transportation systems and their construction, operations, maintenance and regulatory compliance. He has held the Construction Superintendent position for pipeline construction numerous times and managed cross-country projects from initial development and estimating through procurement, construction, documentation, start-up and operation, including development of operating manuals. He has 12 years of International Project experience in engineering offices, manufacturing facilities and field construction.

Education **Bachelor of Science – Health and Physical Education, Louisiana Tech University, Ruston, Louisiana** 1970

Professional Experience

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| <p>Construction Specialist, Vanderpool Pipeline Engineers Inc.</p> <ul style="list-style-type: none"> • Project planning and front-end loading: Worked with clients to define Front-end loading including materials, personnel, field logistics, warehousing and project implementation plans including start-up, commissioning and operations of pipelines. • Developed constructability analyses and reviews to ensure the client’s projects were designed and planned to be successful in the field. • Created an Abandonment Plan for a pipeline crossing US Forest Service Land to ensure all requirements and regulations would be met. • Hydrotest Inspector: Responsible for the supervision and documentation associated with hydrotests. Ran the calculations during the hydro and certified or rejected the hydro test. If the test was certifiable, responsible for completing a hydrotest folder containing all client and DOT requirements. | <p>2011 - Present</p> |
| <p>Construction Superintendent, Earthworks, Pilings, Pipelines – Surmont Phase 2 Project, ConocoPhillips, Alberta</p> <ul style="list-style-type: none"> • Oversaw coordination, scheduling and supervision of contractor field project teams. • Oversaw construction execution by establishing a constructability plan to support compliance of safety procedures and regulatory requirements for Phase 2 of Surmont valued at \$500 million+. | <p>2010 – 2011</p> |
| <p>Construction Manager, Pipelines, SHAH Gas Development Project, ConocoPhillips, Texas</p> <ul style="list-style-type: none"> • Planned, prepared and reviewed FEED EPC Package documents (specifications, execution plans, procedures and analysis). | <p>2008 – 2010</p> |
| <p>Construction Superintendent, REGAS Brazoria Interconnector Gas (B.I.G) Pipeline Project, ConocoPhillips, Texas</p> <ul style="list-style-type: none"> • Responsible for management and oversight of all construction activities for 30 miles of 42 inch natural gas pipeline in Texas. Overall construction budget was \$175 million, with a construction staff of 850 company and contractor personnel. • Duties included contract compliance, health, safety, installation, quality control and schedule. | <p>2006 – 2008</p> |

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- Pipeline Manager, Capital Projects– YK Field Development YK Pipeline, ConocoPhillips, Russia** 2005 – 2006
- In the first 6-months of this assignment, served as an Advisor to the Russian partner, Naryan-Mar Nefty Gas, in the design and Front End Loading for the construction of 130 KM of 20-inch Arctic Pipeline.
 - For the remainder of the assignment, seconded for the construction phase of the project reporting to the Russian Construction Manager and made specification, vendor and inspection recommendations regarding pipe, valves, coatings, heat induction bends and logistics. Visited line pipe, heat bend and coating vendors.
- Construction Superintendent, Transportation – Construction and Engineering, ConocoPhillips, California** 2004 – 2005
- Accountable for field construction oversight and management of construction projects in the West Coast Region for Pipelines and Terminals.
 - Worked as an intermediary between Engineering, Operations and contractors on construction projects. Responsible for contractor, inspection and Operations coordination on assigned construction projects (Capital Projects and non-routine Major Maintenance). Responsibility covered multiple construction sites in multiple state locations.
- Construction Representative, Infrastructure Engineering & Project Management, ConocoPhillips, Texas** 2002 – 2004
- Review studies, designs, reports, contracts and purchase agreements to ensure sound design, engineering and construction techniques will be utilized for Upstream Projects. Provide Business Units and Major Projects with on-hand pipeline technical expertise for construction methods, consumable materials, equipment, staffing and project execution.
- Construction Manager for Pipelines, Polar Lights Company, Russia** 2001 – 2002
- 28/28 rotation for the management and oversight of all construction activities involved in Oshkotin Field Development.
 - Supervised Russian National Inspection Team, coordinating activities with an EPC contractor and pipeline gathering system. Oversaw installation of 4 process/MCC prefabricated modules and 3 well house modules. The construction portion of the \$18 million project was \$10 million. The Oshkotin project was completed in one winter season, on budget and with an excellent safety record.
- Construction Superintendent, Conoco Syria DEZ Gas Ltd. (CSDGL), Deir ez Zor, Syria** 1999 – 2001
- Responsible for management and oversight of all construction activities for approximately 245 kilometers of 18 inch gas export line and 220 kilometers of gathering lines, well lines and water lines. The gathering lines ranged from 8 inch to 26 inch. The water and well lines were 6 inch to 10 inch. All work performed in Eastern Syria.
 - Developed Construction Contracting Plans, which included specifications for pipe and valves, specifications for the work, bid packages, scopes of work, QA/QC requirements, and construction invitation to bid. Responsible for the development of a Construction Management Plan, organizational plans, preparing job descriptions, hiring/training subordinates, and defining support requirements. Supervised the EPC and two national sub-contractors in the scheduled completion of the project. The pipelines portion of the overall construction lump sum was valued at \$35 MM.
- Construction Superintendent, Venezuela Extra Heavy Oil Project (VEHOP), Conoco Inc., Venezuela** 1996 – 1999
- Responsible for management and oversight of all construction activities related to the VEHOP main pipelines. This assignment included providing input and developing a Construction Contracting Plan, hiring and supervising field supervisors, ensure regulatory compliance and interfacing with other Petrozuata operations and project groups. VEHOP main pipelines construction was valued at \$100 MM. Procured materials account for another \$100 MM.

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- Construction Engineer, Lube Oil Hydrocracker Project, Conoco Inc., Louisiana** 1994 – 1996
- Supervision and field assistance to contractors, resolving interfaces and construction problems, quality assurance, supervising inspectors, monitoring specification and material procurement packages for 12 contracts associated with a significant refinery upgrade project. This assignment included an upgrade to Conoco's Clifton Ridge Marine Terminal, including installation of 2 – 3,500 HP Pumping Units, 4 – 400,000 barrel capacity tanks and station piping upgrades. Construction contracts totaled \$55 million.
- Chief Inspector, Ardalin Pipeline Project, Conoco Inc., Texas** 1991 – 1994
- Responsible for supervising Conoco and Soviet Inspectors to ensure construction work was performed to Conoco and Western standards. The Ardalin Pipeline Project consisted of constructing a 65 KM of 12.75 inch OD above ground arctic pipeline. Inspection team consisted of 35 persons including interpreters.
 - Participated in Soviet contractor selection and short listing. Prepared daily and weekly reports, monitored, reviewed and coordinated construction work with other Ardalin Project groups. This assignment was a 28/28 rotation. Assisted in organizing an inspector's school and training school for 25 Soviet welders. Project cost was \$55 MM.
- Director of Operations Support, Conoco Supply and Transportation, Conoco Inc., Texas** 1989 – 1991
- Responsible for developing a process for reviewing, revising and updating Conoco Pipeline's 10 regulatory compliance procedures manuals. Organized and participated as instructor in numerous Conoco Pipe Line Inspectors' schools. Monitored CPL's construction and maintenance projects to ensure their compliance with regulatory requirements and industry practices.
- Supervisor of Operation, Conoco Pipeline Co., Oklahoma** 1977 – 1989
- Responsible for operations and maintenance of 320 miles of 8 inch and 12 inch crude oil main-lines supplying Conoco's Ponca City Refinery and 4 separate receipt-delivery facilities including 2 tank farms and 4 main-line pumping stations.
 - Supervised a staff of 8 persons. Developed and implemented yearly operating, capital and maintenance budgets.
 - Accountable for DOT and OSHA regulation compliance.
- Terminal Supervisor, Lease Connection Foreman, Gauger Analyst** 1970 – 1977
- Inspected on 2 spreads of Seaway Inc. (500 miles of 30"), on loan to Phillips Pipeline Company. Worked as Office Manager, relief inspector and Cleaning & Hydrotest inspector for Spread 2 (RedRiver to Buffalo, TX).
 - Inspected on the Church Point, LA to Baton Rouge, LA spread for Colonial Pipe Line Co. This spread consisted of 85 miles of 40 inch pipeline paralleling Colonial's existing 36 inch Products Pipeline. Responsibilities included road-bore inspector on this pipeline that traversed through the Atchafalaya Basin.
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Licensing, Certifications and Specialized Training

- Certified Welding Inspector, American Welding Society QC1, CWI No. 09021141