

C. WILTON TOWNSEND
8111 Teakwood Forest Dr., Spring Texas 77379
713-898-5976
wilton.townsend@hotmail.com

OBJECTIVE

To obtain a Sr. Level Drilling Management position in the Oil & Gas Industry with a company where I can utilize my experience to help increase the company's profitability and success with their drilling opportunities.

CAREER SUMMARY

I have over 40 years of technical and drilling operations management experience, including domestic and international, onshore and offshore. I'm highly experienced in managing diverse operations, including land rigs, jack-ups, semis, inland barges, platform, and helicopter rigs. During the first twelve months with Talisman was able to reduce the overall drilling cost by ~24 % and the overall drilling days by ~27% in their Eagle Ford resource play. I successfully drilled a 15,000' HTHP replacement well for an underground blowout that an operator had on the Chapman Ranch in Nueces County, Texas. I've directed (hands on) drilling engineering and drilling operations in South Texas / West Texas, New Mexico, Louisiana and Montana that included vertical (air & fluid), directional, horizontal (Eagle Ford Shale and Austin Chalk) and under-balanced drilling. I served as "Drilling Team Leader" for the design and construction of the drilling rig for BP's MAD DOG SPAR and reviewed technical documentation submitted by contractor, service provider organizations, and third parties with regard to HSE, operability, and compliance with BP rules and specifications. I initiated a Drilling Time Analysis (DTA) Program to establish a benchmark for company operations, resulting in a savings of over \$800,000 in infield rig moves alone. Designed and implemented strategies for increasing efficiency and productivity. As a result, the non-productive time for drilling operations was controlled at 12-15% of total rig time while the industry averaged around 20-30%. Designed and managed the drilling of a 9600' TD well in Trinity Bay and reduced the costs by 46% relative to French Petroleum's previous cost for similar wells in the field and managed the drilling of two 16,000' high-pressure wells in a treacherous area of the North Sea for Tenneco utilizing harsh environment type jack-ups approximately \$200,000 under budget. Through workovers and re-completions I increased production in one field for Sun Oil Company from approximately 1,000 BOPD to over 2,800 BOPD.

PROFESSIONAL EXPERIENCE

Consultant, Houston, Texas

2014 - 2015

Consulting Drilling Manager

Client: Interstate Explorations, LLC

- Directly responsible for all drilling engineering and drilling operations for the company's area of operations; Texas, Louisiana (inland barge) and Montana.

Consultant, Houston, Texas

2013

Consulting Project Manager

Client: Nabors Completion and Production Services Company

- Prepared an initial planning detail/proposal for a potential multi well drilling program, located in New Mexico, for a major oil & gas company that included designing drilling and completion programs, detailed cost estimates, reviewing drilling rig requirements, preparing vendor list and preparing a proposed project organization structure.

Talisman Energy USA, The Woodlands, Texas

2011 – 2012

Manager, Drilling Operations

- Responsible for all Construction, Drilling & Completion engineering and operations, including Regulatory, while growing the staff by hiring over 100 people (both field and office) and ramping up from four rigs to thirteen and from one Frac crew to two fulltime 24hr. Frac crews in the Eagle Ford resource play in South Texas.
- During the first twelve months with Talisman was able to reduce the overall drilling cost by ~24 % and the overall drilling days by ~27%.

Mariner Energy, Inc., Houston, Texas

2010

Sr. Drilling Engineer

- Directly responsible for all drilling engineering and drilling operations for the company's South Texas / Gulf Coast Region that includes Texas Gulf Coast land and Mississippi.
- Successfully drilled a 15,000' HTHP replacement well for an underground blowout that Edge Petroleum had on the Chapman Ranch in 2008. **(Mariner bought by Apache)**

Stonegate Production Company, LLC, Houston, Texas

2008 - 2009

Operations Manager

- Directed (hands on) all drilling engineering and drilling operations for the company's South & West Texas and Louisiana (land) operations that included vertical (air & fluid drilling), horizontal (Eagle Ford Shale and Austin Chalk) and under-balanced drilling along with the production field operations. **(Board decided to end Operatorship)**

Petrohawk Energy Corporation, Houston, Texas

2006 - 2007

Sr. Drilling Superintendent

- Designed and directed drilling operations on wells in North Louisiana, New Mexico, and South Texas (deep, high pressure/high temperature wells to 18,000'+).
- Prepared drilling cost estimates and AFE's for wells from 3,500' to 19,500' TD (vertical and horizontal), negotiated new drilling contracts and reduction in rates in existing drilling contracts. **(Division sold)**

Consultant, Houston, Texas

2002 - 2006

Consulting Drilling Engineer / SPAR Drilling Engineer

Clients: Southwestern Energy Production Company / BP

- Designed and directed drilling operations on wells in New Mexico (vertical & horizontal), West Texas (Permian Basin), South Texas and South Louisiana (Barge Rig – deep, high pressure wells).
- Directed operations and continuously cored (wireline retrievable) wildcat well in Montana.
- Prepared drilling cost estimates/AFE's for wells in New Mexico, Wyoming, South and West Texas, Mississippi, Alabama, Arkansas and South Louisiana.
- Prepared specifications and initiated construction of first five of ten purpose built rigs Southwestern purchased for their Arkansas Shale Gas Project and designed/built four pre-mix mud tanks for the Arkansas Project.
- Monitored the MAD DOG SPAR Drilling Rig delivery schedule, regarding timing, costs and quality, operability, functionality, and HSE (Health, Safety and Environment) issues.
- Coordinated the input to and from the service companies, selected by the Wells Delivery Team (WDT), for well equipment deliverables and insured they were working from the Basis of Design Document (BOD), Statement of Requirements (SOR), and the Project Basis of Design.

The Meridian Resource Corporation, Houston, Texas

2001 - 2002

Vice President – Drilling Operations

- Directed (hands on) all drilling engineering and operations (including completion and workovers) for the company's area of operations (LA & TX Gulf Coast – land and inland waters) that included HTHP wells to 19,000', both vertical and directional.
- Instrumental in redesigning the primary cementing procedures in an effort to reduce the number of required block squeezes. This resulted in five out of five wells being completed without requiring a single squeeze.
- Initiated procedures to enhance the daily reporting of operations and improve the accuracy of reported costs.

Consultant, Houston, Texas

1999-2001

Consulting Drilling Engineer / Manager, Engineering & Operations

Clients: BP / TESCO Drilling Technology, Integrated Drilling Services

- Provided assistance with preparation of the Basis of Design Document (BOD) for the development of the MAD DOG Deepwater Project located in the Gulf of Mexico.
- Prepared cost estimates, utilizing a large integrated spreadsheet that I was instrumental in developing, for various drilling scenarios.
- Managed the Engineering and Operations for the Integrated Drilling Services directly related to Underbalanced Drilling, one project in Colorado and one in New York.
- Negotiated the placement of Tesco's engineering consultants with various clients.
- Assisted in designing a number of wells to potentially be drilled underbalanced.

Union Texas Petroleum, (Company Sold) Houston, Texas

1993 - 1998

Director, International Drilling Operations

- Directed worldwide drilling operations in Pakistan, Tunisia (land and offshore – 300' WD), Indonesia (land and offshore – 2000' WD), Argentina (300' WD), Azerbaijan, Italy, Kazakhstan, and Venezuela.

- Oversaw and trained international drilling managers associated with company drilling projects.
- Provided input for drilling prognoses, completion procedures, well cost estimates, and testing procedures while enforcing compliance with all regulatory policies.
- Established an inspection program that covered casing, tubing, drill pipe, and drill collars.

Consultant, Houston, Texas

1989 - 1993

Consulting Drilling Manager / Drilling Engineer

Clients: French Petroleum / Amoco / United Meridian

- Directed all drilling and workover operations for French Petroleum's Gulf Coast operations.
- Conducted a drilling time analysis (both from an operational and cost standpoint) of a slim-hole drilling project in Wyoming for Amoco.
- Designed a drilling program for deep HTHP well in U.K. North Sea for Amoco.
- Prepared a drilling time analysis for Amoco's worldwide drilling operations that was used as a basis for evaluating the performance of the company's new Business Unit Organizations.
- Project Manager for construction of world's largest helicopter rig constructed by Parker Drilling Company for Amoco Myanmar.
- Served on Task Group charged with reviewing and making recommendations regarding Amoco's drilling department organization and structure.
- Prepared detailed cost estimates, production scenarios, and prepared a drilling program for United Meridian's first international endeavor located offshore The Ivory Coast, West Africa.

Tenneco Oil Exploration and Production, (Company Sold) Houston, Texas **1976 - 1989**

Division Drilling Engineer (Drilling Manager) – International Division (1986 - 1989)

- Served on transition team to British Gas as a result of sale of International Division.
- Directed all drilling engineering and operations for company's International Division that included operations in UK North Sea, Gabon West Africa, Tunisia and Ecuador.
- Supervised tie-back, completion and gravel packing of seven offshore wells in Gabon West Africa, with perforated intervals ranging from 134'-384' and pack length ranging of 230'-1020'.
- Oversaw drilling, testing and completion of five directional exploration and development wells offshore Gabon utilizing jack-up rigs.
- Directed a three well jungle helicopter rig operation in Ecuador that required building a base camp 80 miles into jungle terrain and airlifting all equipment/supplies.
- Supervised the successful drilling of one directional well onshore, one exploration well offshore and the completion of sour crude (H₂S) well in a residential area of Tunisia.

Division Drilling Engineer (Drilling Manager) – Texas Gulf Coast Division (1981 - 1986)

- Managed drilling engineering and operations for the southeast half of Texas, Texas inland waters and Texas State Waters in Gulf of Mexico with a staff of seventeen engineers/foremen and drilling operations supervisors.
- Reduced the division drilling trouble cost to 5% (2% below the company goal of 7%) utilizing improved technology, proper engineering and closer day to day supervision.
- Directed the drilling of one well within the Beaumont city limits for which Tenneco received proclamation from Mayor and City Council for "protecting the local environment and being a good corporate citizen in the cities in which they have operations."

**Houston Oil & Minerals Corporation (merged with Tenneco Oil E & P), Houston, Texas
Drilling Manager-Offshore Division (1978 - 1981)**

Sr. Drilling Engineer (1976 - 1978)

- Directed drilling operations in Gulf of Mexico and offshore New Jersey including normal and abnormal pressures, straight and directional, and salt dome drilling utilizing jack-ups, platform rigs and semis.
- Reduced the drilling cost by 10 - 15% each year by providing proper engineering, planning and creating competitive atmosphere among the company's rig supervisors.
- Served on Headquarters drilling staff responsible for design, implementation and drilling operations while drilling over 1 MM feet of hole per year with up to 23 jack-ups, inland barges and land rigs operating at a time.

**Sun Oil Company, Houston, Texas and Corpus Christi, Texas
(Sunray DX merged with Sun Oil Co.)**

1969 - 1976

Drilling Engineer-Offshore Gulf of Mexico (1974 - 1976)

Drilling/Production Engineer (1969 - 1974)

- Designed successful well programs overcoming problems that included normal/abnormal pressure, straight holes and directional (72°) with jack-ups, semis and platforms.
- Designed a development drilling program utilizing curved conductors and served as project engineer in construction of two self contained platform rigs.
- Designed and implemented drilling, major workovers and re-completions in wells ranging from 500' to 17,000' in normal/abnormal pressures and H₂S conditions.

EDUCATION/PROFESSIONAL DEVELOPMENT

Graduated in 1969

B. S., Petroleum Engineering

Mississippi State University

(Completed 71 days of Professional Development)

AFFILIATIONS

American Petroleum Institute (API)

Society of Petroleum Engineers (SPE)

American Association of Drilling Engineers (AADE)

International Association of Drilling Contractors (IADC)

PUBLICATIONS

Co-author of SPE Paper No. 24559 entitled "**DRILLING TIME ANALYSIS: A TOTAL QUALITY MANAGEMENT TOOL FOR DRILLING IN THE 1990's**" presented at the 67th Annual Technical Conference and Exhibition of the Society of Petroleum Engineers, Washington, DC, October, 1992.