

Michael Franko

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Objective

Senior Drilling Engineer seeking position to be an asset within Oil Industry

Career Summary

Designed drilling programs and supervised and coordinated drilling operations for vertical and lateral oil and gas wells as a Senior Drilling Engineer. Wells drilled included 4000' – 10,000' laterals, hot hole laterals and drilling underbalanced while flaring gas. Worked closely with geologists, geo-steerers and directional personnel to optimize steering. Worked closely w/ field consultants and mud personnel to maximize drilling properties and solids control efficiency and disposal of drill solids. Prepared AFE's for drilling and workover programs, revised Excel AFE spreadsheets for AFE's to coincide w/ accounting codes and balance correctly. Requested, evaluated and awarded bids for drilling and workover services both from engineering and field supervision positions. Processed drilling and workover invoices. Worked as Company Man for major oil company and as Independent Consultant for independent oil companies. Work included supervising drilling, completion, stimulation, workover and plug & abandon operations for oil, gas and water injection wells. Coordinated work between drilling/workover rig contractors and service contractors. Work included both deep and shallow wells, developmental and exploratory wells, vertical, directional and lateral wells throughout East Texas, West Texas, North & Central Texas, Eastern Louisiana, Oklahoma, New Mexico & California (offshore & land).

- ◆ Designed & Standardized Drilling Operations for procedures to prepare drilling programs as wells as standardizing performance of operations in the field.
- ◆ Developed and supervised, working under Sr VP of Drilling, a team of Field Superintendents to maximize efficiency of drilling operations in the Tuscaloosa Marine Shale in Eastern Louisiana and South Western Mississippi. Efforts reduced drilling days from 45-60 days to 25-30 days. An average cost savings of approximately \$2,000,000.00 per well.
- ◆ Worked w/ directional personnel while experimenting w/ various BHA tools to decrease the total drilling days from +/- 15 days to 9-10 in Eagle Ford 7000-10,000' lateral wells. Efforts produced an average of approximately \$400,000.00 per well

Strengths/Technical Skills

- ◆ Coordinating between departments, companies and operations to maximize efficiency of operations.
- ◆ Evaluating Data/trends and being observant of pertinent details in drilling operations working closely w/ field personnel and service companies to maximize efficiency and minimize costs.
- ◆ Maintaining a positive attitude in challenging situations and helping people to work together more productively.

Microsoft Word	RimBase	Stresscheck
Excel	WellEz	AutoCAD 2000-i
Power Point	Landmark Compass	IADC WELLCAP –Surface/Subsea Certified

Petroleum Engineering/ Oilfield Operations Experience

3 Years – Senior Drilling Engineer/ Drilling Superintendent for Goodrich Petroleum

- ◆ Designed & prepared AFE & drilling well programs for the Tuscaloosa Marine Shale (TMS), Haynesville & EagleFord formations in Mississippi, Louisiana, Northeast Texas & South Texas.
- ◆ Supervised drilling operations working closely wit Sr VP of Drilling, regulatory, geologists & rig personnel to continue to efficiently drill and improve efficiency while working safely.
- ◆ Worked with Sr VP of Drilling, Geologists, Consultants & Field Drilling, Mud and Di Superintendents to maximize efficiency in areas of directional drilling, mud engineering, solids control supervision. Reviewed operations w/ our team of Field Superintendents to continuously improve & 1 drilling programs, directional programs, mud programs & solids control procedures to increase effi drilling the TMS. Increased solids control efficiency, drilling rates, decreased amount of solids being disposal and increased diesel recovery.
- ◆ Helped coordinate daily AFE costs with accounting to track estimated and actual drilling costs more efficiently. Re-designed AFE spread sheets to coincide with computer reporting system and accounting codes and corrected balancing errors in spreadsheets. Handled and approved invoices for drilling operations on wells assigned to my supervision. Helped solve audit inquiries.

- ◆ Worked with Land and Production Field Personnel to build locations more efficient for drilling operations and minimize costs of locations.
- ◆ Worked with Procurement Dept, Rig Field Superintendent, Wellhead Company and other vendors to help identify, use and minimize our equipment inventory. Worked with a company to perform an on-line auction for all surplus unusable drilling related equipment to minimize end of year taxation.
- ◆ Worked with Mud Superintendent to standardize mud programs to be distributed and used by mud companies and Mud Engineers when drilling in Tuscaloosa Marine Shale and Haynesville areas.

1 Year – Senior Drilling Engineer/ Drilling Superintendent for Alta Mesa Holdings, LP

- ◆ Prepared drilling programs, workover programs AFE's, & supplements for gas/oil, vertical & horizontal wells in South Texas, East Texas & Louisiana. Drilling Programs were prepared for Queen City B Sands, Queens Sand, Queen City Sands, and Midway Sands. Workover Programs included preparing procedures fishing operations with Slick Units as well as Workover Units in Louisiana. Managed operations for wells. Established successful Turnkey Operations for several of the wells drilled in South Texas as well initiated lateral drilling program for wells in South Texas in Jim Hogg Co. on Mestena Ranch Project.. Helped develop & coordinate systems & communication practices between geology, land, drilling office personnel, drilling field personnel & directional drilling company personnel to better steer & drill horizontal wells.
- ◆ Researched drilling practices/history by Shell Oil Co in Tucumcari Basin in Otero Co., New Mexico. Prepared AFE to evaluate economic potential of purchasing the lease from Shell Oil Company.

3-1/2 Years – Senior Drilling Engineer/ Drilling Superintendent for Goodrich Petroleum

- ◆ Prepared drilling programs, AFE's, & supplements for gas/oil, vertical, & horizontal wells in East Texas, South Texas & Louisiana. Drilling Programs were prepared for Cotton Valley, Deep-High Temp Haynesville Shale, Eagleford Shale, Haynesville Shale, James Lime & Travis Peak & Wells. Programs included preparing procedures for drilling under balanced while flaring gas, drilling horizontal sections w/ circulating temperatures as high as 360° - 380°F & up to 6000' long. Managed drilling operations for the wells mentioned above and approved all invoices.
- ◆ Helped develop & coordinate systems & communication between geology, drilling office personnel, drilling field personnel & directional drilling personnel to better steer & drill horizontal wells.

3-1/2 Years - Drilling / Workover Consultant - Independent Oil & Gas Companies

- ◆ Supervised drilling operations for gas wells in East Texas & Louisiana including drilling under balanced using rotating head assemblies, drilling horizontal wells & designing & installing separator/flare stacks to drill while flaring gas.
- ◆ Supervised drilling, completion & workover operations as a consultant on offshore platforms off the Santa Barbara Coast for independent oil companies. Work included directionally drilling re-entry wells, drilling an extended reach horizontal well, setting whipstocks, using ream while drilling tools, cementing liners, squeeze cementing, running gas lift production equipment, running tools w/ slick line unit & working in an H2S environment.

6-1/2 Years - Drilling Representative / Company Man - Chevron USA

- ◆ Supervised drilling, completion, stimulation, workover and plug & abandon operations for oil, gas and water injection wells. Coordinated work between drilling/workover rig contractors and service contractors. Work included deep, shallow wells, developmental and exploratory wells throughout West Texas, North & Central Texas, Oklahoma, New Mexico & California (offshore & land).
- ◆ Maintained daily reports, cost estimates and equipment inventories. Processed invoices. Prepared annual tubular forecasts. Prepared AFE's, procedures, and cost estimates to complete, plug & abandon wells and assisted in preparing drilling programs. Prepared casing, tubing & drill string designs for oil, gas & water injection wells. Prepared designs for cementing casing including hanging liners. Initiated, evaluated and awarded bids for cementing, stimulation and materials.

1-1/2 Years - Field Supervisor / Engineer Technician – OXY USA

- ◆ Supervised drilling and installation for cathodic protection wells in West Texas coordinating with corrosion manager, technicians, field production supervisors and service contractors.
- ◆ Prepared field drawings for electrical and cathodic protection well systems. Helped prepare various reports researching well history files for casing leak studies and updating computer data files.

1-1/2 Years - Engineering Assistant - EXXON USA

- ◆ Prepared procedures, AFE's and cost estimates to plug & abandon and temporarily abandon wells in the Southwestern and Midwestern United States.
- ◆ Coordinated operations with production engineers, geologists and field personnel. Worked closely with state and federal regulatory agencies during procedure preparation and throughout field operations.

Civil Engineer

2 Years – Engineer's Assistant – Transpac Marinas

- ◆ Engineered, designed and drafted floats, marinas and gangways using AutoCAD and STAAD.
- ◆ Designed Excel spread sheets to streamline engineering combining AutoCAD and MS Excell programs. Prepared material take off lists for marinas using MS Excell spread sheets.
- ◆ Responsible for final quality control inspections for floats manufactured.

10 Months – Design Engineer –Fakema & Kingma Engineering

- ◆ Helped design and draft civil design projects using AutoCAD.
- ◆ Coordinated civil design projects for lead engineers between clients, state, county, and city officials using MS Word, MS Excell & MS Outlook. Calculated and recorded quantities for engineer's cost estimate using MS Excel.

Oilfield/Engineering Work History

- ◆ 8-1/2 Years Total – Goodrich Petroleum, Houston TX - 1) Nov 2006 to March 2008 – Field Drilling Consultant through Hamilton Engineering supervising drilling operations in the field 2) March 2008 to April 2009 - Sr Drilling Engineer Consultant through Hamilton Engineering - Prepared drilling programs & managed drilling operations for vertical & horizontal wells in East & South Texas & Louisiana, 3) April 2009 to April 2012 – Goodrich Employee/Sr Drilling Engineer - Prepared drilling programs & managed drilling operations for vertical & horizontal wells in East & South Texas & Louisiana 4) March 2013 to March 2016 - Goodrich Employee/Sr Drilling Engineer - Prepared drilling programs & managed drilling operations for vertical & horizontal wells in Mississippi, East & South Texas & Louisiana.
- ◆ 2 Years – Krummrich Engineering, Santa Barbara, CA (Jan 2005-Nov 2006).
Supervised drilling (setting whipstocks), completing & working over directional wells, offshore CA.
- ◆ 10 Months – Fakkema & Kingma (Civil Engineering & Surveying), Oak Harbor, WA (Jan 2004-Oct 2004) Helped design, draft & coordinate civil design projects using Auto-CAD. Calculated & recorded quantities for engineer's costs estimates.
- ◆ 2 Years – Transpac Marinas, Anacortes, WA (Nov 2001-Nov 2003).
Engineered, designed & drafted floats, marinas, & gangways using Auto-CAD working under a senior engineer. Prepared engineers cost estimates & inspected finished projects for quality control.
- ◆ 1-1/2 Years – OXY USA, Midland, TX (March 1992-Sept 1993).
Supervised drilling & installing cathodic protection wells in West Texas. Researched well files & aided corrosion manager & engineers w/ casing leak studies & improving well data base.
- ◆ 1-1/2 Years – Exxon USA, Midland, TX (March 1990-Oct 1991).
Prepared field procedures, AFE's & supplements for plug & abandoning and temporarily abandoning wells throughout Southwestern & Mid-Western United States.
- ◆ 1-1/2 Years – Chevron USA, Ventura, CA (Jan 1988-June 1989).
Supervised drilling, completing, working over & plug & abandoning directional wells in CA, on land & offshore.
- ◆ 5 Years – Chevron USA, Midland, TX (Jan 1981-Dec 1985).
Supervised drilling, completing & working over oil, gas & water injection wells throughout Texas, New Mexico & Oklahoma. Prepared drilling & workover AFE's, supplements, tubular forecasts, and completion/workover procedures as directed.

Education

1980 - B.S. Civil Engineering with honors, W. VA. Univ., Morgantown, W. VA.
2000 – AutoCAD 2000i – I & II, Bellingham Tech, Bellingham, WA.