LEECMOORE<sup>®</sup> A Woolslayer Company

# ENGINEERING ENDORSEMENT PROGRAM

Lee C. Moore offers the most qualified engineers and a legacy extending over 110 years that you can count on.

At Lee C. Moore we understand that there are numerous OEMs that provide drilling structures throughout the industry and unfortunately for you they are very difficult to work with or are no longer in business. We guarantee a personal experience and direct points of contacts.

To ensure that our customer's equipment is operating at full capacity set forth at the time of delivery and the rig personnel are working with the safest equipment possible, we are offering our engineering expertise in the form of an accepted endorsement program.





Visit us online at **Icm-wci.com** or speak with an expert: +1.918.523.9191 Onshore | Offshore | Masts | Derricks | Custom Drilling Equipment | Service

# ENGINEERING ENDORSEMENT PROGRAM



# **Contact Information:**

TULSA OFFICE 5416 South Yale Avenue, Suite 500 Tulsa, Oklahoma 74135 USA t: +1-918-523-9191 f: +1-918-523-0854 e: sales@lcm-wci.com

HOUSTON OFFICE 15915 Katy Freeway, Suite 520 Houston, Texas 77094 USA t: +1-832-925-7150 e: sales@lcm-wci.com



"Our endorsement programs allow for you to install API 4F certified nameplates and Lee C. Moore adopts the OEM responsibilities."

# **Features and Benefits:**

- Mast and substructures receive a API 4F certification nameplate
- · Complete survey from Crown to Ground
- · General arrangement and fabrication drawings are available upon completion
- · LCM adopts all OEM responsibilities of equipment and modifications
- Mast and sub upgrades are easily integrated during the endorsement process
- · Includes industry leading field service representatives
- · Engineering support for the lifetime of the equipment

# Why choose Lee C. Moore engineers:

- Over 110 years of combined oilfield engineering experience
- · Documented knowledge of the company's engineering history
- Full range of proven designs
- Total commitment to customer satisfaction

2

**ANALYSIS** 

Operate with confidence and get the most from your equipment with a detailed study and analysis of your drilling structures by Lee C. Moore's team of engineers. We offer over 110 years of engineering experience and will stand behind every work load capacity assessment and provide assistance during each phase of the process and beyond.

## **Endorsements:**

### SURVEY / INITIAL CAT IV INSPECTION LCM engineer travels to your rig location

to extensively survey structural components. (3-4 days) Survey information is converted to detailed drawings and an FEA structural model to efficiently analyze the structure to customer specified requirements and API 4F standards. (1-2 months)

### STRUCTURAL MODIFICATION

3

### MODIFICATION Field modification drawings are issued

to the drilling company for any required modifications or LCM can handle the reinforcement/upgrades in one of our worldwide Q1 approved shops. (2-4 weeks)

### NAMEPLATE AND FINAL INSPECTION

4

LCM engineer will make final approval that all reinforcements have been completed per issued drawings. LCM certification plate attached to the mast and substructure prior to departure, certifications will be mailed. (2-3 days)

### SUPPORT LCM has endorsed this rig and can supply OEM equipment for the remaining duration of the rigs life-span.

(Decades)