Havilah ENERGY

HAVILAH HYDROCARBON RESOURCES MGT.(NIG) LTD.

MANAGING WELLSITE OPERATIONS

Tuesday 23rd - Thursday 25th March, 2021

Course Overview

The Drilling and service personnel struggle daily with the oil and gas industry's inexperienced labour force. This inexperience at the wellsite results in excessive non-productive time, trouble time, and invisible lost time. These, in turn, lead to unsafe incidents and excessive costs to the operator, the contractor, and the service industry. This course teaches participants to apply organizational learning processes, wellsite technical limits analysis, and more ef□cient use of all resources at the wellsite. Participants will learn how to identify and mitigate hidden risks that often are overlooked during the planning, design, and execution phases of a drilling operation; and how to dissect and analyze an operational plan. In addition, applying operational innovations and advanced motion and time processes will lead to improved ef□ciency of wellsite rotary operations and individual wellsite tasks. Participants will be introduced to models, templates, techniques, and real case studies that can be used on the job. This course brings together a documented planning and design process, maximizes drilling ef□ciency, and transfers the execution plan to the wellsite for implementation.

WHO SHOULD ATTEND

- Operations managers
- Drilling managers
- Drilling superintendent
- Drilling supervisor
- Wellsite drilling engineers
- Rig managers
- Rig superintendent
- Contact drilling engineers
- Service company supervisors
- Supply company managers
- Logistics personnel
- Operations personnel
- Information technology personnel
- HSE personnel

What you will gain:

- Critical elements of effective planning and management of drilling operations
- Design and implement a program "checklist" for critical well drilling operations
- Investigate various elements of a drilling operation and mitigate visible and hidden risk
- Investigate and perform an analysis of trouble time events, non-productive time occurrences and invisible lost time for a drilling operation
- Dissect the drilling plan and apply total task analysis to wellsite activities
- Enhance your knowledge of organizational learning systems and transfer lessons learned
- Perform technical limit analysis to improve wellsite performance
- Measure and performance monitoring of the drilling operation
- Maximize the inexperienced resources through total task analysis in a case study to reduce drilling costs and improve safety

Learning Outcomes

- How to reduce the time/cost of wellsite operations without compromising safety.
- De•ne a well's technical limit and implement a plan that will work to reach t
- Identify and mitigate hidden risks to reduce lost time
- Apply practical organizational learning techniques to bene•t from lessons learned

Online Training via

Google Meet

Virtual Instructor LED Training

Contact Information

info@havilahenergy.com
www.havilahenergy.com

Course Outline

This course will be delivered through multi-media presentations, case studies, exercises and discussions. A detailed reference manual would be provided for continuous learning and sharing. The class size would ensure effective interaction.

Day 1

- Site preparation.
  - Water wells, water storage and water supply.
  - Site leveling and banding
  - Cellar construction.
  - Safety considerations.
  - Camp site readiness.
  - Reporting.
- Rig move in.
  - Rig Mobilization to site.
  - Reporting.
- Rig up operations.
  - Rig up progress and monitoring.
  - Ordering drilling tangibles and intangibles.
  - Safety considerations.
  - Reporting.
- Rig commissioning prior to spud in.
  - Rig Inspection.
  - Rig standard test.
  - Rig tubulars and fishingtools.
  - Compliance of rig with Operators regulation.
  - Safety considerations.
  - Regulatory and operator approvals.
  - Water well testing and storage.
  - Reporting.
- Inventory of Drilling equipment, materials and procedures, prior to spud.
  - Essential material availability prior to spud-in.
  - Rig operational procedures.
  - Testing operability of rig equipment.
  - Emergency response review.
  - Emergency procedures review
  - Safety procedures Review
  - Rat hole and mouse hole preparation.
  - Material orders.
  - Reporting
- Spudding the well in.
  - Procedures for spud-in
  - Top hole drilling problems.
  - Mixing of spud mud.
  - Spud-in BHA
  - Reporting.
- Conductor hole drilling operations.
  - Drilling the conductor hole.
  - Preparing the conductor casing.
  - Conditioning hole for conductor casing.
  - Cementing the conductor casing.
  - Installing wellhead equipment & testing (Diverter).
  - Well control equipment and testing.
  - Clean out conductor casing.
  - Preparation to drill surface hole.
  - Materials availability for the next section.
  - Mixing drilling fluid for next section.
  - Reporting.
- Surface hole drilling operations.
  - Procedures for drilling surface hole.
  - Material availability for surface hole.
  - Bottom hole assemblies for the surface hole.
  - Anticipated drilling problems in the surface hole.
  - Drilling surface hole.
  - Preparing surface casing.
  - Running Surface casing.
  - Cementing Surface casing.
  - Wellhead installation and testing. •
  - Well control equipment and testing.

Day 2

- First intermediate hole drilling operations.
  - Procedures for drilling first intermediate hole.
  - Material availability for first intermediate hole.
  - Bottom hole assemblies for the first intermediate hole.
  - Anticipated drilling problems in the first intermediate hole.
  - Testing surface casing.
  - Drilling first intermediate hole.
  - Preparing first intermediate hole.
  - Running first intermediate hole.
  - Cementing first intermediate hole.
  - Wellhead installation and testing.
  - Well control equipment and testing.
  - First intermediate casing clean out.
  - First intermediate casing pressure testing.
  - Materials availability for the next section.
  - Mixing drilling fluid for next section.
  - Reporting.
- Second intermediate hole drilling operation.
  - Procedures for drilling Second intermediate hole.
  - Material availability for Second intermediate hole.
  - Bottom hole assemblies for the Second intermediate hole.
  - Anticipated drilling problems in Second intermediate hole.
  - Drilling Second intermediate hole.
  - Preparing Second intermediate casing.
  - Running Second intermediate casing.
  - Cementing Second intermediate casing.
  - Wellhead installation and testing.
  - Second intermediate casing clean out.
  - Second intermediate casing pressure testing.
  - Materials availability for the next section.
  - Mixing drilling fluid for next section.
  - Reporting.

Day 3

- Production hole drilling operations.
  - Procedures for drilling the production hole.
  - Material availability for drilling the production hole.
  - Bottom hole assemblies for the production hole.
  - Anticipated problems in production hole.
  - Drilling production hole.
  - Coring production hole.
  - Logging production hole.
  - Preparing production casing/liner.
  - Reaming Production hole.
  - Run production casing/Liner.
  - Cementing Production casing /Liner.
  - Clean out production casing/Liner.
  - Pressure testing production casing/liner.
  - Preparing completion mud.
  - Displacement of drilling mud.
  - Lay down tubulars.
  - Run in hole tubing string.
  - Displace hole to completion muds.
  - Installing X-mas tree and testing.
  - Reporting.
- Rig release.
  - Return of operator's materials.
  - Rig release procedures.
  - Safety consideration.
  - Lay down rig equipment.
  - Reporting.
- Rig move out
  - Rig equipment move out of location.
  - Safety considerations.

Course Instructor

Eyitayo Mumuney is a Drilling, Well completions and Project Supervisor with vast experience in the oil and gas industry. He spent the early years of his career with Total E & P as a drilling and completions engineer where he actively participated and later supervised the drilling and completions of several wells both onshore and offshore Nigeria. A track record of excellent project, operational delivery, analytical and problem solving skills and strong knack for safety and cost effectiveness.

In the past 7 years, He have supervised and managed a series of Drilling, Well re-entry, Well re-completions and Well intervention operations in the Niger Delta region of Nigeria. He is currently serving as a Project Manager in one of the marginal fields operators here in Nigeria.

Registration

Price: N100,000 (Discounted)

Registration is complete upon payment

Included in the price:
Tuition, course materials and certificates

Discounts:
- 30% Early bird discount for registration on or before 10th March, 2021

- Group discount for minimum of 5 participants if registered before 10th March, 2021 attracts 20% discount.

Training fee exclusive of all taxes

3 easy way to register

1. Register via https://rb.gy//2zvut5

2. Tel: 08034636098 / 08031115083

3. Email: training@havilahenergy.com

2 easy ways to pay:

1. Bank transfer 2. Cheque

Payment can be made to the details below;
ACCOUNT NAME: HAVILAH HYROCARBON RESOURCES MANAGEMENT NIGERIA LIMITED
BANK NAME: DIAMOND BANK PLC,
ACCOUNT NUMBER: 0063618735

Terms

Payment is on registration and enrollment for the programme is only guaranteed by payment

Cancellation Policy:
Cancellation made minimum of 30days prior to scheduled date attracts 90% refund. Between 15 and 29 to scheduled date attracts 75%, between 5 to 14 days attracts 50%. Cancellation made less than 5days to programme attracts no refund but such amount is transferable as a set-off against future training cost. Havilah Hydrocarbon Resources Mgt. (Nig.) Ltd is not liable for any costs incurred by delegates in the unfortunate event that the course is cancelled. Delegates are responsible for arranging their own travel and accommodation and associated costs. Havilah Hydrocarbon Resources Mgt. (Nig.) Ltd reserves the right to change or cancel any part of the published programme due to unforeseen circumstances.