ALERT 06 – 03

HIGH POTENTIAL NEAR MISS/DROPPED LIFTING SUB

WHAT HAPPENED:

When the driller broke out the lifting sub used to help make up bottom hole assembly (BHA), he hoisted it up approximately 20' to allow the insertion of the Measurement While Drilling (MWD) probe. This activity took about ten minutes. After completion the driller, forgetting the lifting sub was still suspended by elevators, lined them up on the next stand. Since he had a restricted line of sight, he did not see the lift sub before opening the elevators to grab the next stand. This resulted in the sub falling 20 plus feet to the rig floor, causing a serious near miss and equipment damage.

<table>
<thead>
<tr>
<th>1). Pick up Sub that fell to Rig Floor (55 kgs)</th>
<th>2). Damage to pick up sub</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.jpg" alt="Image of fallen lifting sub" /></td>
<td><img src="image2.jpg" alt="Image of damaged lifting sub" /></td>
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</tbody>
</table>

<table>
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<tr>
<th>3). Damage to MWD Hang Off</th>
<th>4). Damage to MWD Hang Off</th>
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<tbody>
<tr>
<td><img src="image3.jpg" alt="Image of MWD damage" /></td>
<td><img src="image4.jpg" alt="Image of MWD damage" /></td>
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</table>

WHAT CAUSED IT:

- Failure to follow plan by not laying the lift sub down before inserting probe.
- Not taking the time to ensure clear line of sight or establishing a signaler.
- Driller was not familiar with this particular operation.
- No formal JSA was conducted that included input and responsibility from 3rd party contractor.
CORRECTIVE ACTIONS: To address this incident, this company issued the following to rig personnel:

- Always ensure a JSA is properly done when working with 3rd party personnel and/or equipment. This is the tour pusher’s responsibility.
- Never consider any task as routine. Conditions always change.
- Always follow the basic rule of not suspending loads over workers.
- Utilize the STOP by calling time out until communications, by line of sight or with assistance, can be established.

USE THE STEP BACK 5X5 PROCESS BEFORE PERFORMING ANY STEP A TASK REQUIRES

The Corrective Actions stated in this alert are one company’s attempts to address the incident, and do not necessarily reflect the position of IADC or the IADC HSE Committee.