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We are delighted to share with you the 8th issue of our bi-monthly newsletter.

In this edition ...

- Discuss the importance of Teamwork in Well Operations
- Share our latest safety awareness - manual lock failure on BOP
- Short summary of project highlights by region
- Well Academy course dates and promotions
- Images of 2023

Season's Greetings

Well Operations Crew Resource Management - Teamwork

Teamwork is a dynamic process involving two or more people engaged in the activities necessary to complete a shared goal.

Effective teamwork is promoted via an appropriate organisational structure and culture including high quality and consistent:

- Standard Operating Procedures (SOP's)
- Checklists
- Operating Manuals
- Training
- Logistical Support
- Integrated philosophy of operations



Team Co-Ordination:

Co-ordination contributes to team effectiveness in situations where a successful team outcome depends on:

- The end result of numerous contributions or efforts by all team members
- Where the successful contributions of one team member depends on the correct and timely contribution by another team member.

Effective team co-ordination has the following advantages over a collection of highly skilled individuals:

- Increased safety by redundancy to detect and remedy individual error
- Improved decision-making during emergencies, improve teamwork communication, establishing conditions to avoid unnecessary conflict
- Increased efficiency by the organised use of existing resources, which improves the management of well operations.

Poor Team Co-operation:

- Blocking open Communication
- Ignoring suggestions of other crew members
- Keeping barriers between crew members
- Competing with others

Being an effective team member is critical to Well Operations safety. It is important to recognise how factors such as personal, inter-personal, workplace, cultural, dispersed or inappropriate channels can impair teamwork, influence team dynamics and ultimately team performance.

MR Group - Safety Awareness

Manual Lock Failure on BOP

The following safety awareness alert is part of MR Group's efforts to raise awareness regarding the hazards and risks associated within the energy sector.

What was discovered

During an annual pressure test conducted on a ram BOP (in accordance with API Standard 53), an issue was noted on the manual locks of one of the ram preventers. The ram was not able to fully open after the manual lock was disengaged.



API Standard 53, 5th edition 2023 recommends initial pressure testing of surface BOPs:

“During surface offshore operations, ram BOPs shall be pressure tested with the ram locks engaged and the closing and locking pressure vented during the initial test. For land operations, the ram BOPs shall be pressure tested with the ram locks engaged and the closing and locking pressure vented at commissioning and annually.”

Upon further inspection of the manual locking system, it was noted that the locking shaft was damaged as can be seen in the picture on the right.

Possible cause of the damage to the locking shaft

The ram BOP was hydraulically opened while the locking shaft had not been fully disengaged. The high degree of force generated when opening the ram BOP provided by the BOP hydraulic control system, caused the locking shaft to bend. This resulted in the ram BOP on the bonnet being unable to fully open.

Conclusion

After the initial pressure testing is completed, the manual locks are to be fully disengaged to ensure no damage occurs to the manual locking system. Pressure testing should be carried out in accordance with API Standard 53, 5th edition 2023.

*Ref: <https://www.api.org/>

Project Highlights - HRI

Client:

Various Onshore Clients Eastern States, Australia

Scope:

DROPS Inspections

In summary:

HRI recently completed various DROPS inspection recommendations for onshore clients. HRI's DROPS surveys, form a crucial part of our condition inspection reports by identifying the possible risks of dropped objects and line of fire hazards. 25% of dropped object incidents occur onshore. For additional information on our DROPS Surveys, contact Younas - younas.yousafi@h-r-i.com



Project Highlights - ModuResources Asia Pacific and Middle East

Client:

State-owned oil company Petroleum Sarawak Berhad (Petros) and Sarawak-based Petra Energy Berhad - Miri, Malaysia

Scope:

Pre-selection, condition survey, DROPS audit and ready-to-drill integration testing

In summary:

MR AP/ME assisted the client with an initial pre-selection survey of several rigs. The Hilong 2 rig was inspected in Pakistan, prior to demobilisation to Miri, Malaysia where a final conduction survey, DROPS audit, and ready-to-drill integration testing was concluded. We are excited to be part of the only current onshore drilling operation in Malaysia. For additional information on our projects in Asia Pacific and Middle East, email - operations.apme@mrgroup.org

Project Highlights - ModuResources Oceania

Client:

Multinational Oil and Gas Company

Scope:

Rig reactivation for a semi-submersible (6th generation) had been warm stacked with reduced crew.

In summary:

The MR Group Oceania team was deployed to assist with rig start-up operations for a sixth-generation semi-submersible.

The rig has been warm stacked for approximately 12 months with reduced crew. The project is currently underway, and the team continues to work within the required operational timeline for the acceptance of the rig by our client.

Upon acceptance, the rig will be mobilised to Australia for a 300-day contract, expected to commence in the first quarter of 2024. For additional information on our projects in Oceania, email - solutions.aup@moduresources.com

MR Group - Management Meeting - November 2023

The Management Team meeting was held at the end of November in Singapore, focusing on a review of the Group's business units. The Management meeting provides an excellent platform to discuss new initiatives, current and upcoming projects and allows us to work together to deliver the best results to our clients.



Rig Inspection and Safe Environment Training (RISE) - Tokyo, Japan



The Well Engineering team from JX Nippon recently completed MR Group's Rig Inspection training course as part of their Competency Development Training Program.

For additional information on our RISE training course please contact – solutions.apme@mrgroup.org

Well Academy - Australia / Asia Pacific / Middle East

With over 26 years' experience delivering quality training and outstanding pass rates, we continue to focus on quality blended learning coupled with simulation scenario-based exposure delivering the relevant skills and competencies required by our candidates.



Training Centre Locations:

Australia:

Adelaide, Brisbane, Perth

Indonesia:

Bandung, Cirebon, Jakarta

Korea:

Ulsan

New Zealand:

New Plymouth

Taupo

Papua New Guinea:

Port Moresby

Qatar:

Doha

United Arab Emirates:

Abu Dhabi

IWCF – Anniversary Dating

IWCF is currently the only Well Control accreditation body that offers Anniversary Dating.

How does it work?

If you complete your IWCF well control training course within 90 days or less before your certification expires, IWCF will adjust your new certification noting your existing certification.

To qualify for anniversary dating your new certification must be the same course (Drilling / Intervention) and the same level.

Example below:

- Candidate holds a level 3 surface well control certificate expiring 9 March 2024.
- Candidate successfully enrolls in a level 3 surface well control training course and passes his assessments on 22 December 2023 prior to Christmas holidays.
- Candidate now has a new certificate that states an expiry date of 9 March 2026 ensuring the candidate receives the full validity of their certification.



Well Academy - Course Dates - January - February 2024

8-12 January 2024

- Drilling Well Control Level 3,4 (VIRTUAL)
- Well Intervention Level 3,4 (VIRTUAL)

15-19 January 2024

- Drilling Well Control Level 3,4 (PERTH)
- Well Intervention Level 3,4 - (PERTH)

22-26 January 2024 (26 Jan - PH)

- Drilling Well Control Level 3,4 - (VIRTUAL)
- Well Intervention Level 3,4 - (VIRTUAL)

29 January - 2 February 2024

- Drilling Well Control Level 3,4 - (PERTH)
- Well Intervention Level 3,4 - (PERTH)

5 - 9 February 2024

- Drilling Well Control Level 3,4 (VIRTUAL)
- Well Intervention Pressure Control Level 3,4 (VIRTUAL)

12 - 16 February 2024

- Drilling Well Control Level 3,4 (PERTH)
- Well Intervention Pressure Control Level 3,4 (PERTH)

19 - 23 February 2024

- Drilling Well Control Level 3,4 (VIRTUAL)
- Well Intervention Pressure Control Level 3,4 (VIRTUAL)

26 February - 1 March 2024

- Drilling Well Control Level 3,4 (PERTH)
- Well Intervention Pressure Control Level 3,4 (PERTH)

Promotions

Christmas Cashback

Claim AU\$200 cashback for a training course when you book and pay before 22 December 2023, Booked courses need to be completed by 30 June 2024 and apply only to courses conducted by Well Academy Australasia.

- Promotion ends **22 December 2023**
- Not to be used in conjunction with already discounted courses.

For additional information email - admin.au@wellacademy.com



CHRISTMAS CASHBACK
PROMO RUNS -
20 NOVEMBER - 22 DECEMBER 2023
GET AU\$200 BACK, IN CASH ON ALL OUR
IWCF TRAINING COURSES!
BOOK AND PAY BEFORE 22 DECEMBER 2023!
EMAIL - ADMIN.AU@WELLACADEMY.COM

T's & C's:
Courses need to be completed by 30 June 2024
Applies to courses conducted by Well Academy Australasia only



**REFER A FRIEND
AND GET
REWARDED**

EARN WHILE YOUR FRIENDS LEARN

We're excited to introduce our referral program. It's easy to get rewarded:

1. Email Charmaine - admin.au@wellacademy.com and get a referral number.
2. Send your friend the referral number.
3. Once your friend has signed up and paid for the course, you and your friend will qualify for a **AUS100** referral reward.
4. The reward will be paid per your information within 3 days.

T's and C's

Applies to courses conducted by Well Academy Australasia only
Not to be used in conjunction with already discounted courses

email - admin.au@wellacademy.com

**MR WELL
ACADEMY**

Refer a Friend and get Rewarded

We're excited to introduce our referral program effective **3 January - 30 June 2024**.

T's and C's

- Our referral program apply to courses conducted by Well Academy Australasia.
- Not to be used in conjunction with already discounted courses.

For additional information email - admin.au@wellacademy.com

Classroom Photos



It is that time of the year where the festive season is celebrated and a much deserved December break is taken.

Please be advised that during the festive break, Well Academy will close Friday, 22 December 2023 at 12h00 and and reopen at 08h00 on Thursday, 4 January 2024.

We would like to thank all our clients for your continuous support during 2023, and we look forward to seeing you in 2024.

We wish you a safe and happy festive season and hope you will enjoy quality time with family and friends.

Contact us:

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If you would like to see any topics addressed in future newsletters, please don't hesitate to let the team know – training.au@moduresources.com

ModuResources supports the upstream industry in drilling wells more safely and efficiently reducing non-productive time and establishing a safe work environment. ModuResources Group are the Parent Company of Well Academy, WellSpec, Deepwater Subsea and Horizon Resources.