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| 1. **GENERAL INFORMATION:** | | | | |
| **1. Report title/subject:**  3.5” permanent bridge plug was stuck in hole | | | | |
| **2. Date of Occurrence**  05th, Nov, 2020 | **3.Time of Occurrence:**  00:20 | | **4. NPT Duration (if any)** | |
| **5. Estimated loss/repair cost (if any):** | **6. HSE accident/incident Occurrence (if any):** | | **7 Originator (s)** | |
| 1. **DESCRIBE HOW NONCONFORMANCE/FAILURE OCCURRED, WHO ASSIGNED TASK, JOB PROCEDUREUSED… ETC (DRAW IF NECESSARY)**   Engineer on job: Tang Tien Toan  Well: TGT-H4-26P  Client: HOANG LONG JOC  Job type: Set 3.5” permanent bridge plug.  - Toolstring:  \* Run #1: 1-11/16” Cable head + 2” x 5ft Sinker Bar + 3-1/8” Shooting CCL + 3-1/4” Quick change + 3.5” Compact Setting tool + 3.5” permanent bridge plug.  - Total length: 4.02m.  - Max OD: 3.5”  \* Run #2: 1-11/16” Cable head + 2” x 11ft Sinker Bar + 3-1/8” Shooting CCL + 3-1/4” Quick change + 3.5” Compact Setting tool + 3.5” permanent bridge plug.  - Total length: 5.85m.  - Max OD: 3.5”  Event:  \* 04-Nov-2020:   * Run#1:   - 12h00: Start RIH Toolstring in to well TGT-H4-26P to set bridge plug.  - 14h00: Tool hang up @3600mMDRT at the perforated zone 5.2U\_010.  Did yo-yo cable with various speed (30 to 70 mpm) – tool go pass this point.  Continue RIH, tool sometimes hang up and needed yo-yo cable.  - 14h50: Tool go to 4044mMDRT and hang up again. Attempted Yo-yo cable with various speed (30 to 70 mpm) – tool still hang up.  - 15h45: POOH  - 17h30: Tool on surface.  Check the toolstring: All tool and the plug were normal.   * Run#2:   - Change flowtube form 0.320”-0.322” to 0.326”-0.328”. Rehead cable with 6 outer armors. Refresh setting tool and added more 6ft Sinker Bar to toolstring.  - 21h00: Start RIH Toolstring in to well TGT-H4-26P.  - 22h10: Check weight @3500MDRTm: PUW = 950kg.  - 22h30: Log up CCL from 3580mMDRT to 3380mMDRT and correlate depth at pub joint #2 @3530mMDRT.  - 23h30: Tool hang up @3600m at the perforated zone 5.2U\_010.  Attempted Yo-yo cable with various speed (30 to 70 mpm) – tool still hang up. While yo-yo cable, tool hang up at any point when pulled up.  \* 05-Nov-2020:  - 00h00: POOH  - 00h10: Tool stuck @3442mMDRT (Mule shoe)  - Attempted yo-yo cable but tool did not move.  - 00:25: Over pull 1100kg – 1200kg – 1300kg – 1400kg then tension drop to 850kg.  - 01:00: POOH  - 02:50: Pull all cable to surface: Found cable was broken at weakpoint.  **Left in hole:**   * 1-11/16” Cable head \_Tool Code: 00.040.004.03592 * 2” x 11ft Sinker Bar \_ Tool Code: 00.004.003.01332      * 3-1/8” Shooting CCL \_ Tool Code: 09G020160000214 * 3-1/4” Quick change \_Tool Code: 00.004.003.01331      * 3.5” Compact Setting tool \_Tool Code: 00.004.003.01031 * 3.5” permanent bridge plug.   **- Total Length: 5.85m** | | | | |
| 1. **DESCRIBE WHA IMMEDIATE ACTION TAKEN: BY WAY? BY WHOM? WHAT’S THE RESULT?**   Report to town. Planning for fishing. | | | | |
| 1. **ANALYSE IMMEDIATE CAUSES: WHAT ACTS, CONDITIONS OR FAILURE CONTRIBUTED DIRECTLY TO NONCONFORMANCE/FAILURE**   - The wellbore was perforated; perforated burrs and debris were the causes of the tool hang up.  - Profile of mule shoe and perforated debris could be causes of tool stuck. | | | | |
| 1. **ANALYSIC BASIC (ROOT) CAUSES: WHAT ARE THE REASONS FOR THE EXISTENCE OF THESE ACTS, CONDITIONS OR FAILURES?**   - Wellbore is complicated. | | | | |
| 1. **FURTHER COMMENTS (IF ANY) INCLUDING REQUIRED ACTIONS, TARGET DATES AND BY WHOM** | | | | |
| **REPORTER**  Full Name: Tang Tien Toan | | **CASED HOLE DEPARTMENT**  Full Name: Nguyen Duc Toan | | **TECHNICAL DEPARTMENT**  Full Name: Phan Van Hoa |
| **CLIENT REPRESENTATIVE**  Full Name: Duong Van Hanh | | | | |