

# Daily Progress Report

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| **Installation / Location** | PS-3 |
| **Subject** | Corrosion Monitoring Activities |
| **Contract Number** | LC241047A0 |
| **Assigned Axess Representatives** | Stuart Dunthorne |
| **Date of Issue** | 09-07-2025 |

## Activities Summary

Work activities commenced today, starting with taking ER Probe readings at all 36 probe locations, including those that are directly connected to the Control Room. The probe readings can now be assessed in order to determine which probes should be replaced during this campaign.

Corrosion Coupon Retrievals also started late in the afternoon, with 2 high pressure locations being serviced. Further details of the se locations can be found below.

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| **Time** | **Activities** |
| 06:00 to 09:30 | Make arrangements for work permits to me issued. Awaiting equipment to be unloaded from boat |
| 09:30 to 11:30 | Commence ER Probe readings |
| 11:30 to 12:30 | Lunch |
| 12:30 to 15:30 | Continue ER Probe Readings |
| 15:30 to 17:30 | Commence Coupon Retrievals |

**Locations Serviced Summary**

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| **Tag No** | **Line Description** | **Work Completed** |
| 53-XCC-953 | 12” Oil Line from Uwainat Header to PS-3C Production Manifold | Removed & Replaced 3” Strip Coupons. Replaced all pressure retaining seals |
| 53-XCP-952 | 12” Oil Line from Uwainat Header to PS-3C Production Manifold | Probe location given external clean and re-greased cap |
| 53-XCC-951 | 12” Oil Line from Uwainat Header to PS-3C Production Manifold | Removed & Replaced 3” Strip Coupons. Replaced all pressure retaining seals |
| 53-XCP-950 | 12” Oil Line from Uwainat Header to PS-3C Production Manifold | Probe location given external clean and re-greased cap |

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| Tag No | Line No / Description | Pressure  (psi) | A/F Orientation | Scope of Work | Retrieved Coupons ID /  Holder Length | Coupon Appearance | Installed Coupons ID / Weight / Material | Tool Used | Location Access | Remedial Actions |
| 53-XCC-951 | 12” Oil Line from Uwainat Header to PS-3 C Production Header | 1500 | 12 o Clock | Remove & Replace Corrosion Coupons | MQ003 & MQ004  Holder – 10.25” | Dark in colour small amount of soft deposits | NE590 – 36.7337g  NE591 – 36.7703g  C1018  09-07-2025 | 25” | Access Ok. Fitting under small hatch | None Required |
| Access Fitting Photograph | | | | Retrieved Coupons / Device Photograph | | | Installed Coupons / Device Photograph | | | |
|  | | | | A close-up of a machine | | | A close-up of a pipe | | | |
| **Comments** | | | | | | | | | | |
| High Pressure location (1500psi) was back pressured prior to retrieval to confirm integrity of retrieval tool & valve | | | | | | | | | | |

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| Tag No | Line No / Description | Pressure  (psi) | A/F Orientation | Scope of Work | Existing Probe  Type / S/N | Probe Readings | Date | Tool Used | Location Access | Remedial Actions |
| 53-XCP-950 | 12” Oil Line from Uwainat Header to PS-3 C Production Header | 1500 | 12 o Clock | Take Probe Reading. External Service of Access Fitting | Flush Element  4705-S8-K03005-7.00-1 | Check – 831  Div – 177.7  M.Loss – 0.71  CR – 0mpy | 09-07-2025 | N/A | Access Ok. Fitting under small hatch | None Required |
|  | | | | Access Fitting Picture | | |  | | | |
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| **Comments** | | | | | | | | | | |
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| Tag No | Line No / Description | Pressure  (psi) | A/F Orientation | Scope of Work | Retrieved Coupons ID /  Holder Length | Coupon Appearance | Installed Coupons ID / Weight / Material | Tool Used | Location Access | Remedial Actions |
| 53-XCC-953 | 12” Oil Line from Uwainat Header to PS-3 C Production Header | 1500 | 12 o Clock | Remove & Replace Corrosion Coupons | MQ001 & MQ002  Holder – 12.50” | Dark in colour small amount of soft deposits | NE588 – 36.9901g  NE589 – 36.7604g  C1018  09-07-2025 | 25” | Access Ok. Fitting under small hatch | None Required |
| Access Fitting Photograph | | | | Retrieved Coupons / Device Photograph | | | Installed Coupons / Device Photograph | | | |
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| **Comments** | | | | | | | | | | |
| High Pressure location (1500psi) was back pressured prior to retrieval in order to confirm integrity of retrieval tool & valve | | | | | | | | | | |

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| Tag No | Line No / Description | Pressure  (psi) | A/F Orientation | Scope of Work | Existing Probe  Type / S/N | Probe Readings | Date | Tool Used | Location Access | Remedial Actions |
| 53-XCP-952 | 12” Oil Line from Uwainat Header to PS-3 C Production Header | 1500 | 12 o Clock | Take Probe Reading. External Service of Access Fitting | Flush Element  4705-S8-K03005-10.75-1 | Check – 843  Div – 216.7  M.Loss – 0.866  CR–11.12mpy | 09-07-2025 | N/A | Access Ok. Fitting under small hatch | None Required |
|  | | | | Access Fitting Picture | | |  | | | |
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| **Comments** | | | | | | | | | | |
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## Observations & Recommendations

It was noticed during the ER Probe readings that the readings could be quite inconsistent and took some time to achieve the correct values. We noticed that simply changing the position of the Checkmate cable could have a dramatic effect on probe readings, which would indicate a potential issue with the cable. The Checkmate is 12 years old so is probably overdue replacement.

**24 Hour Lookahead**

The plan for Thursday 10th July is to continue with coupon and probe replacements on PS-3C Platform.

**Stuart Dunthorne** – Axess-Corrosion. – [sdunthorne@axess.energy](mailto:sdunthorne@axess.energy)