

From: Knox, Tom
Sent: Thu Jun 24 23:44:39 2010
To: Tooms, Paul J; Brookes, David
Cc: Webster, Simon; Nyholt, John J
Subject: MC-252 Riser Inspection.ppt
Importance: Normal
Attachments: MC-252 Riser Inspection.ppt

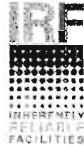


Gents,

Here is the presentation material that John went through earlier. I trust you can distribute to the rest of the team,

Regards,

Tom



Exploration & Production Technology
delivering breakthrough solutions



MC-252 Riser Inspection Preliminary Results

John Nyholt
Westlake 4 24th June 2010

Inspection Methods



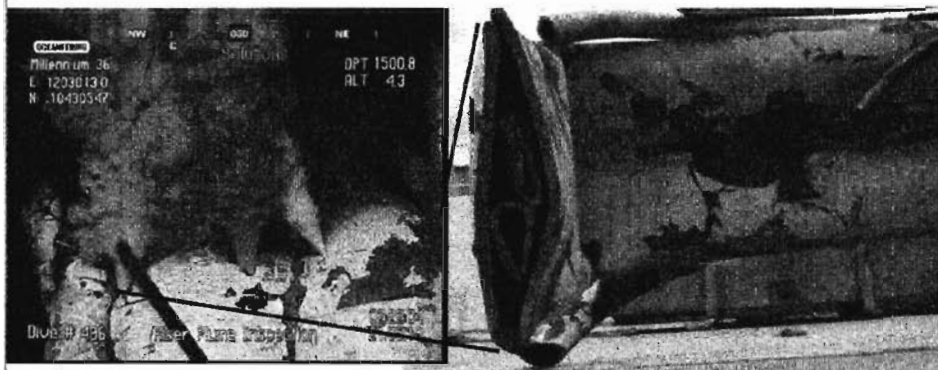
- External Visual
- Computed Radiography
- Internal Visual
- Ultrasonic
- Photogrammetry
- Defect Moulding

EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



Upstream cut end



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



Downstream cut end



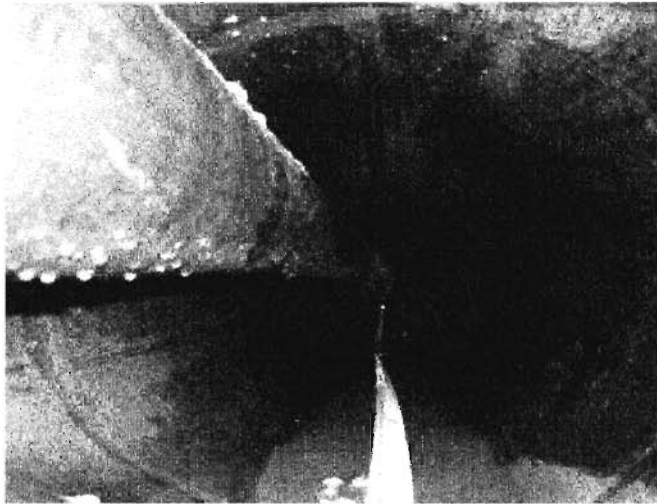
Lower or Left string

EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



Internal view-downstream

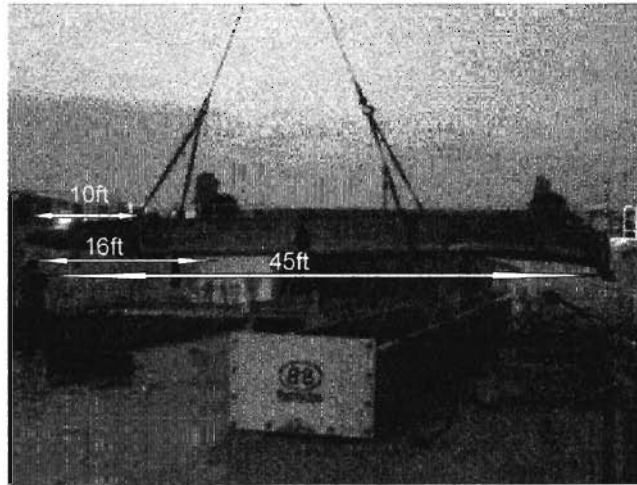


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management

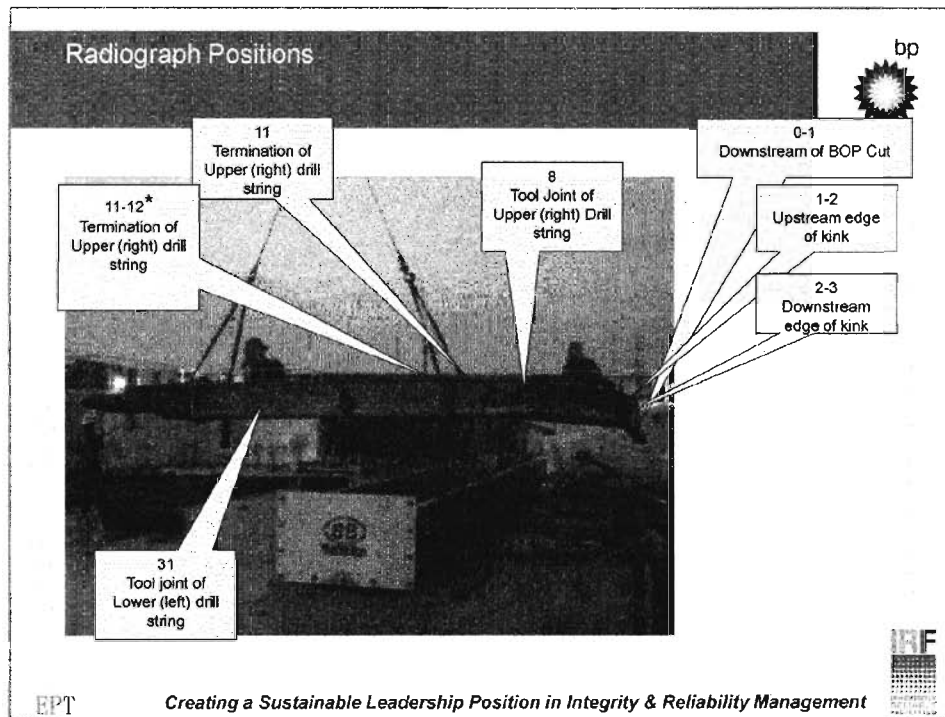


Riser side view

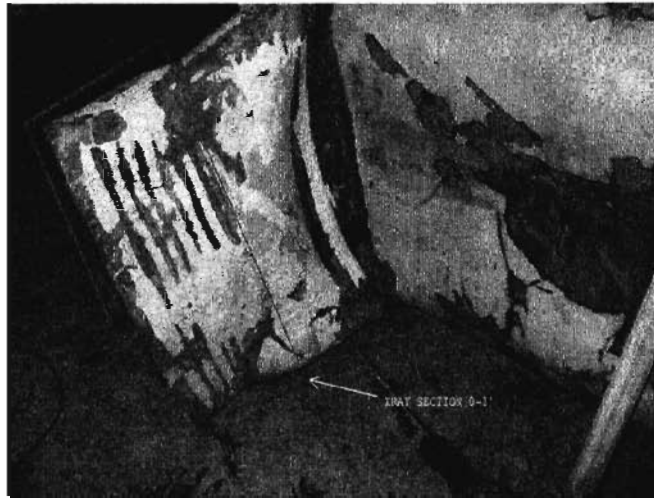


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR 0-1



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR0-1 top

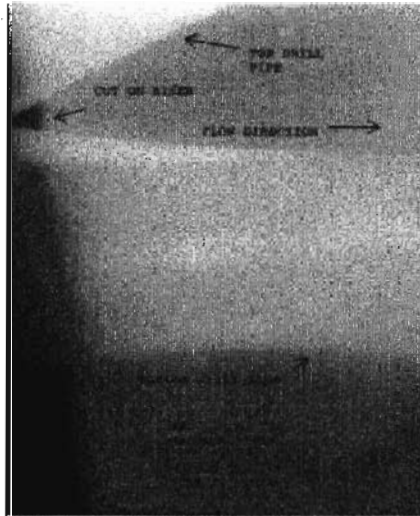


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR0-1 bottom

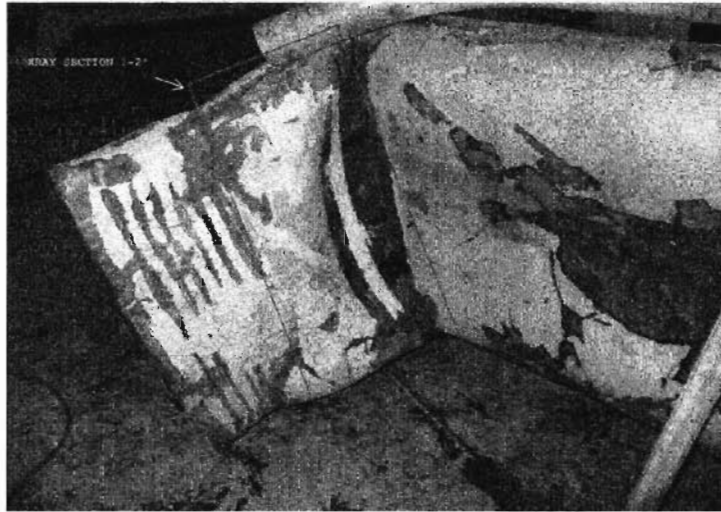


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR1-2

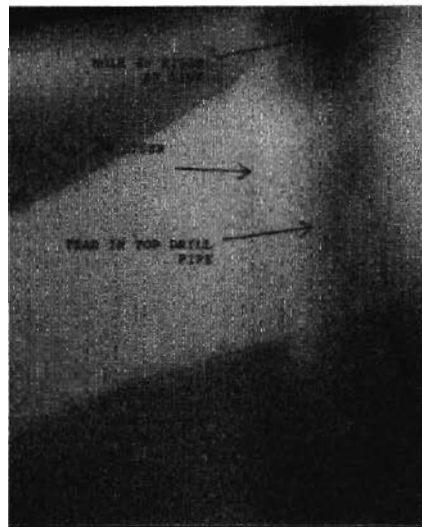


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR1-2 top



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR1-2 bottom

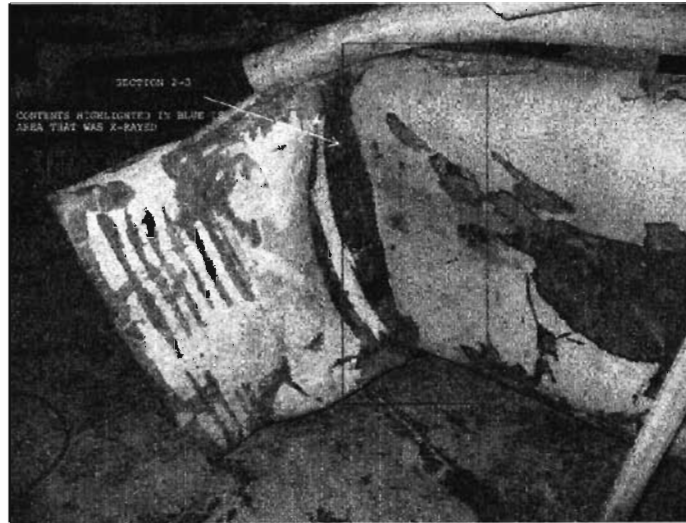


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR2-3

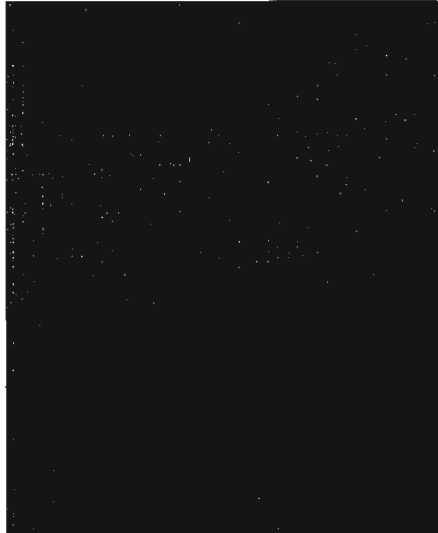


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR2-3 top

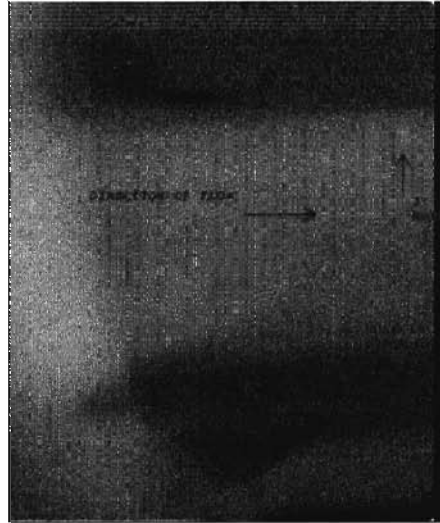


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR2-3 bottom

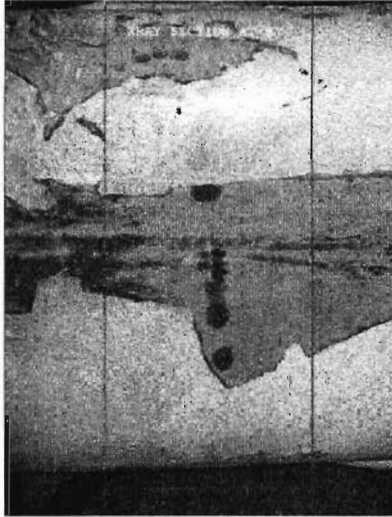


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR 8

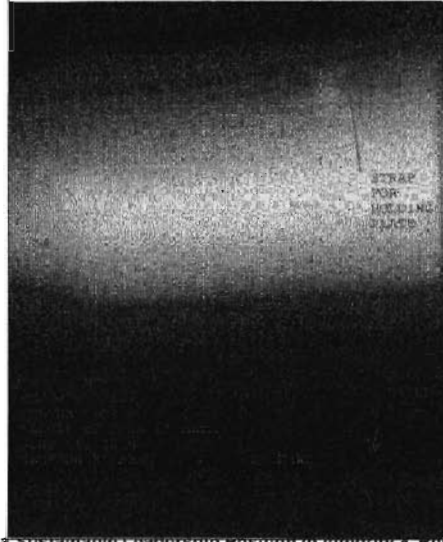


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR 8 top



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR8 bottom



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11

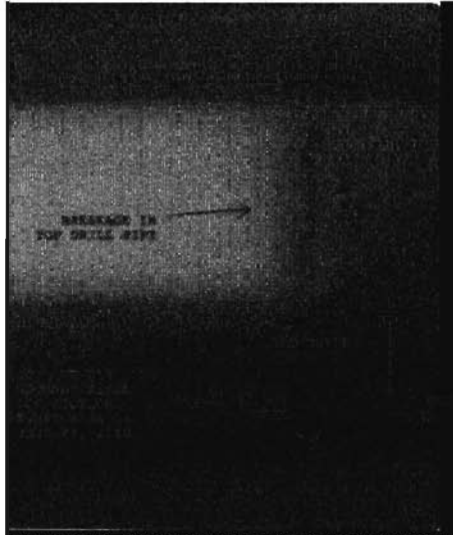


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11 top

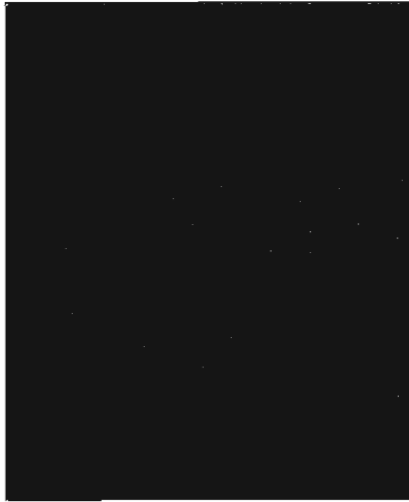


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11 bottom



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11-12

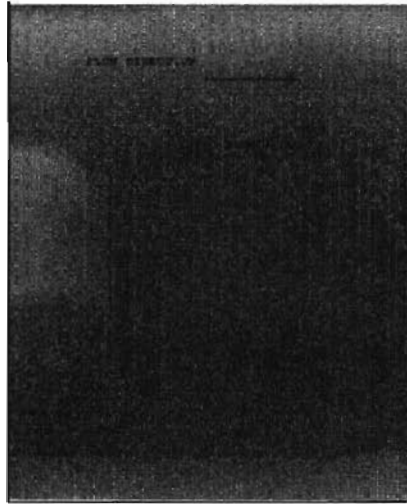


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Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11-12 top

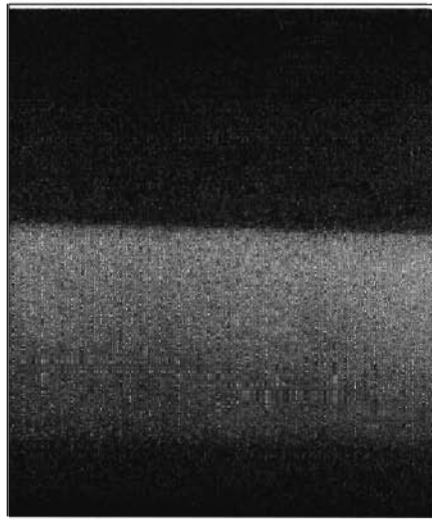


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11-12 bottom

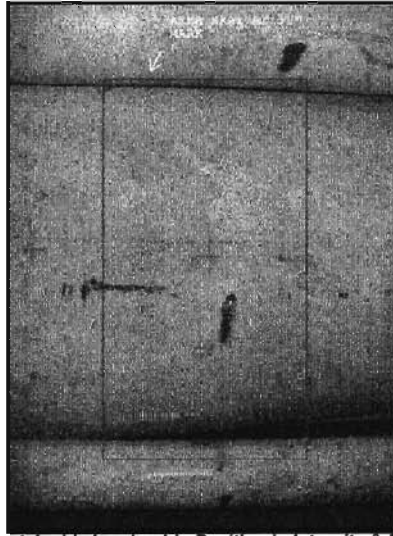


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR31

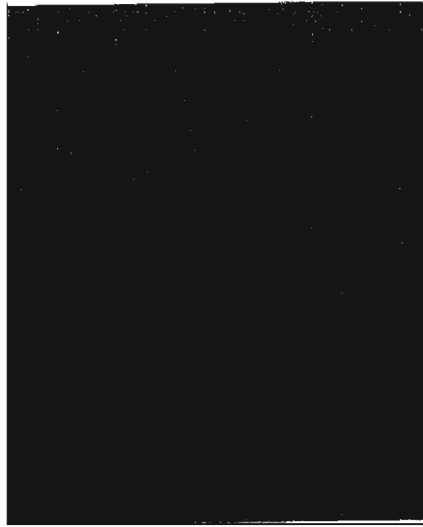


EPT

Creating a Sustainable Leadership Position In Integrity & Reliability Management



CR31 top

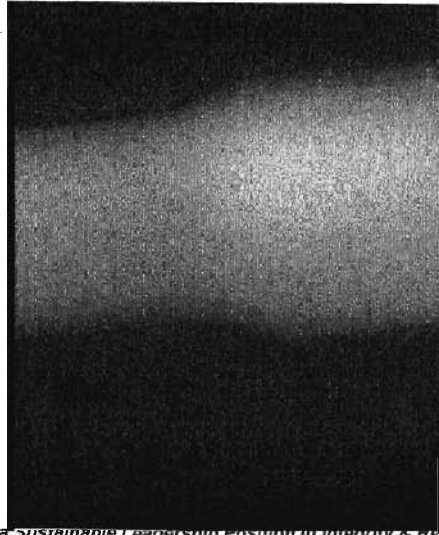


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR31 bottom



EFT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



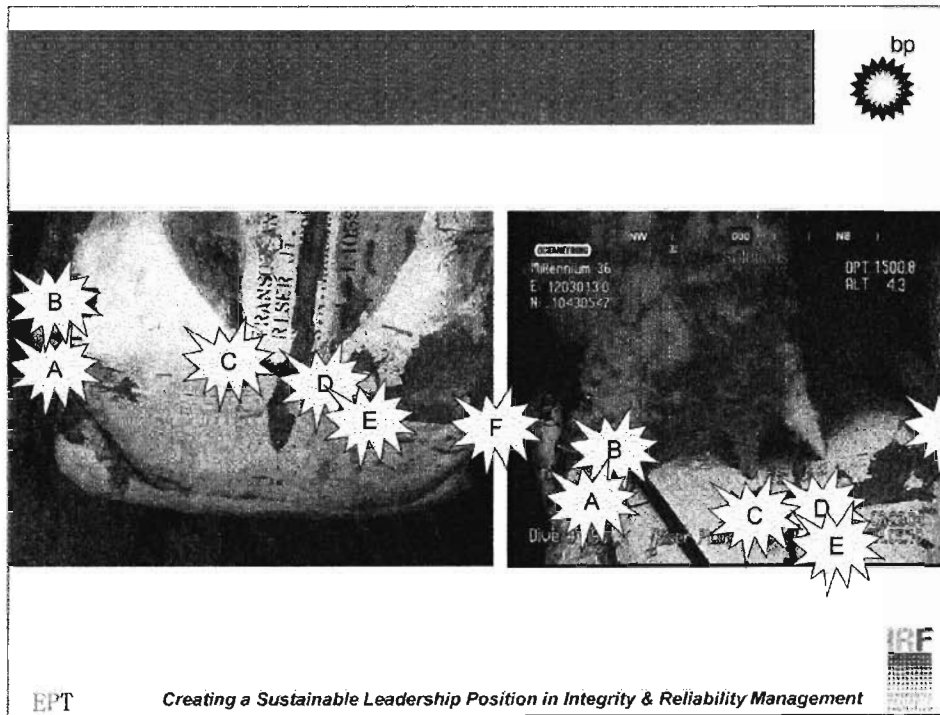
Riser Overview Sub Sea



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management





Hole A



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



Hole B



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



Hole C



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



Hole D

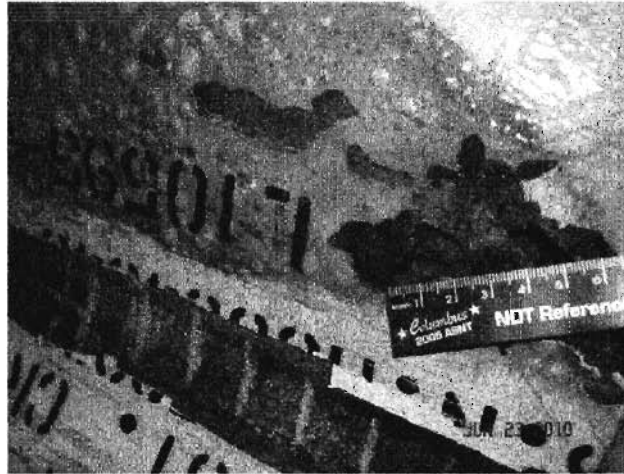


EPT

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Hole E

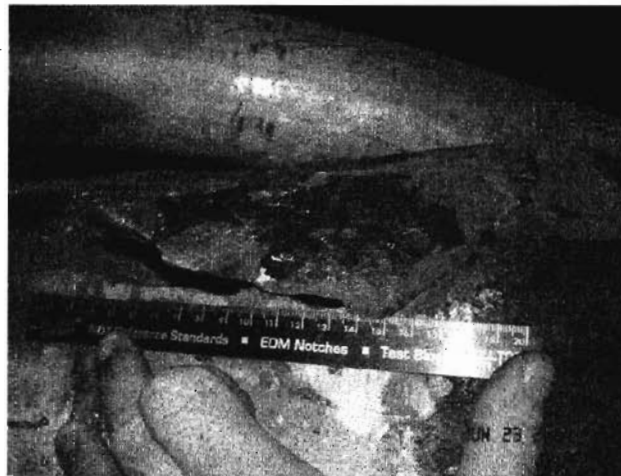


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



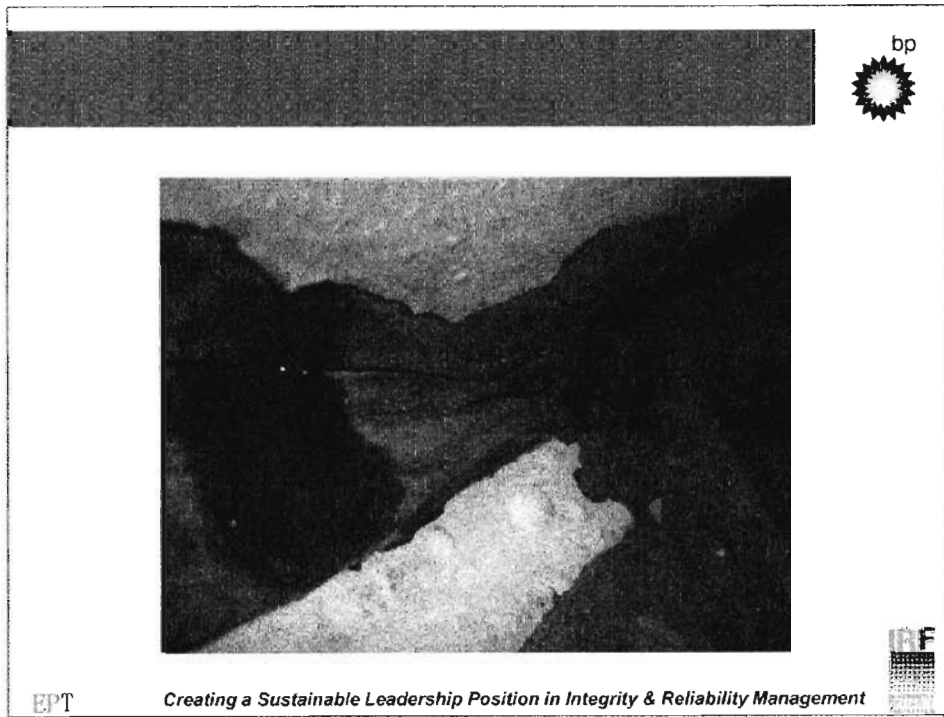
Hole F

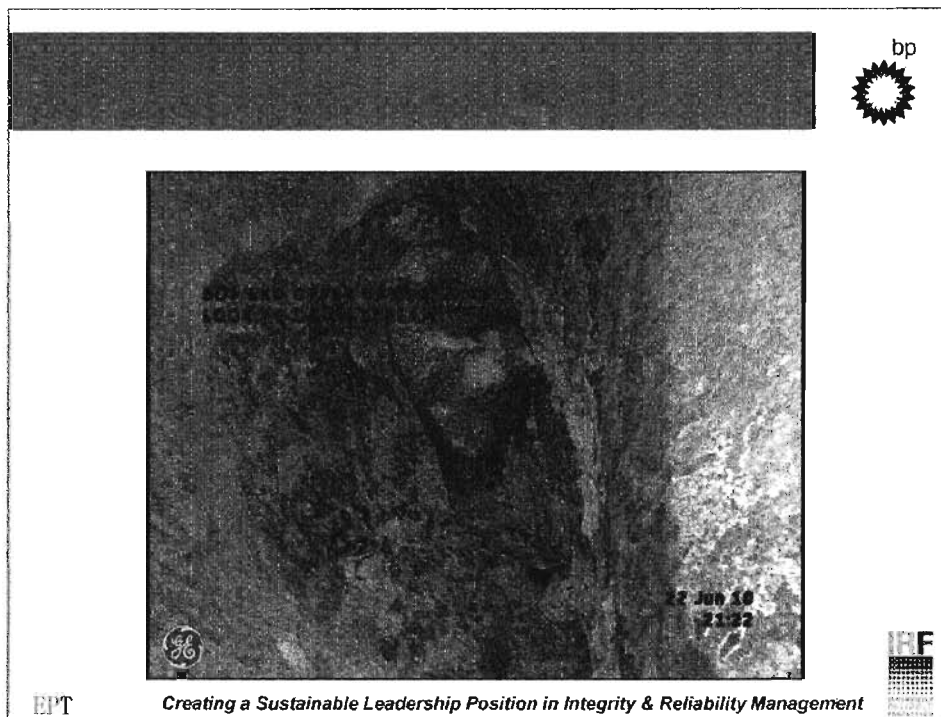


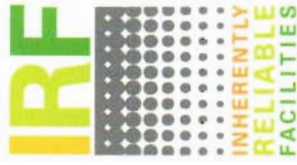
EPT

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MC-252 Riser Inspection Preliminary Results

John Nyholt
Westlake 4 24th June 2010

Inspection Methods



- External Visual
- Computed Radiography
- Internal Visual
- Ultrasonic
- Photogrammetry
- Defect Moulding

Upstream cut end



Downstream cut end



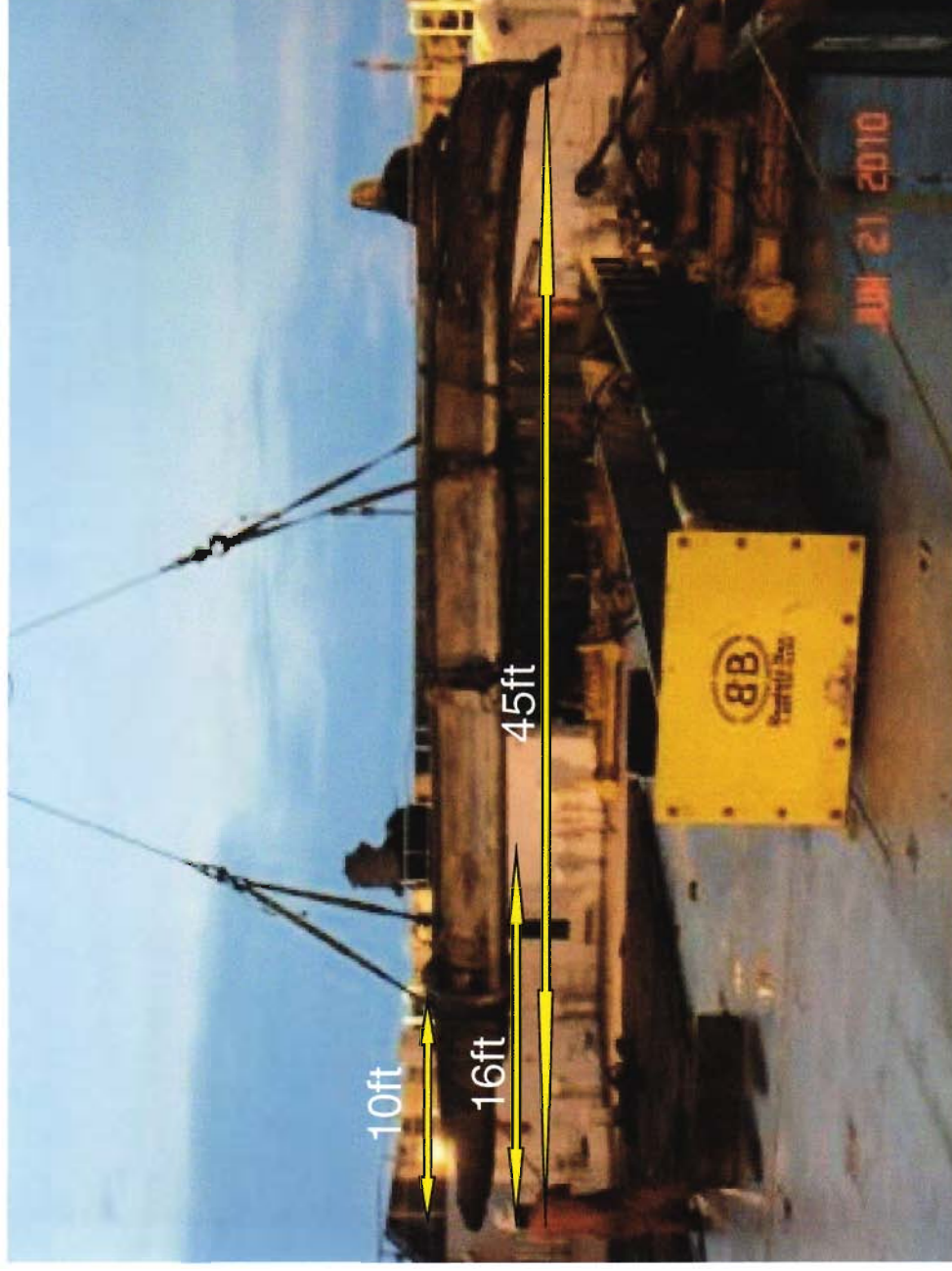
Internal view-downstream



EPT

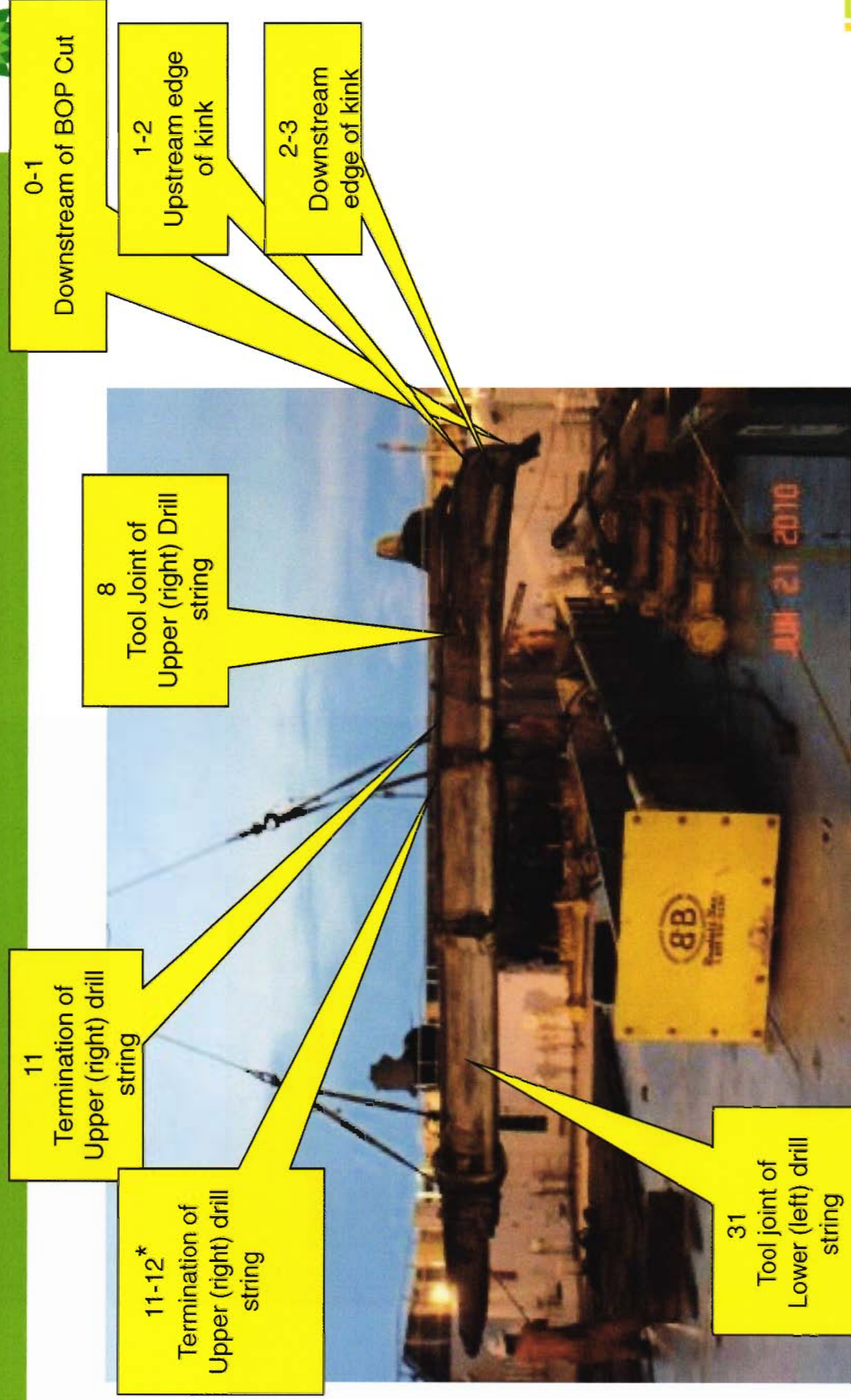
Creating a Sustainable Leadership Position in Integrity & Reliability Management

Riser side view



Radiograph Positions

bp



CR 0-1

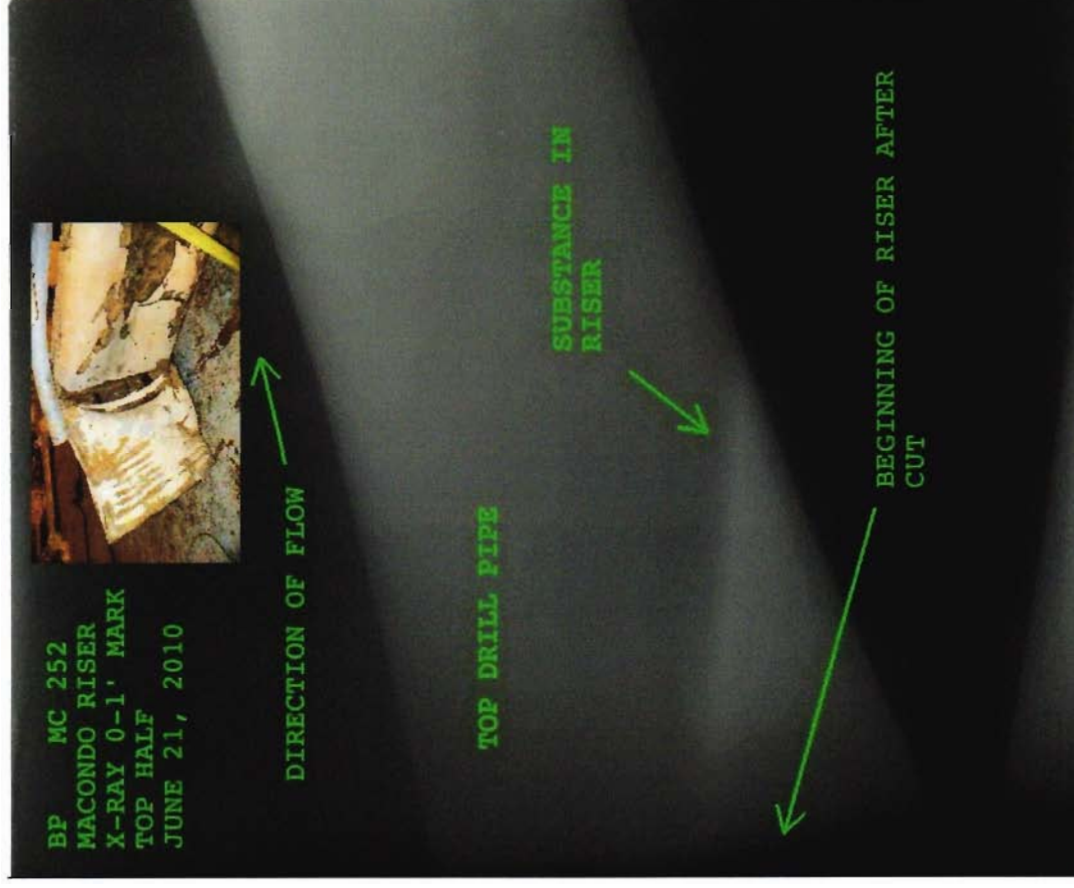


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management

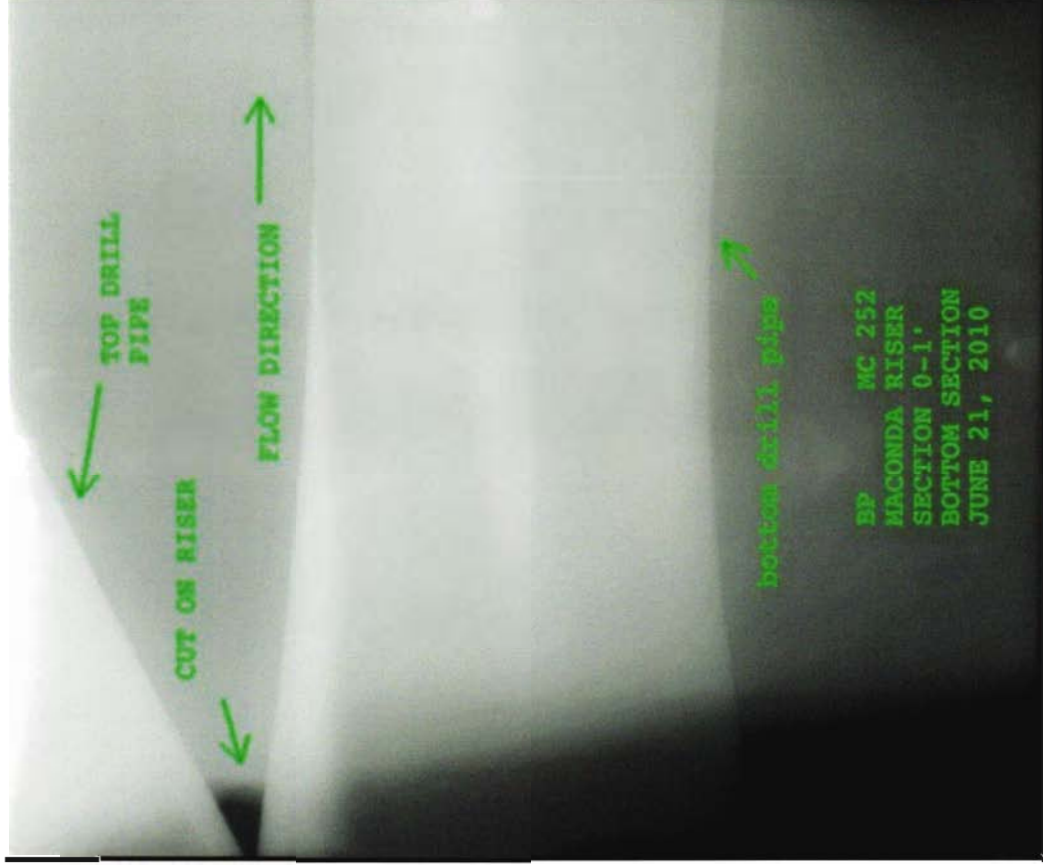


CR0-1 top



CR0-1 bottom

bp



EPT

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CR1-2

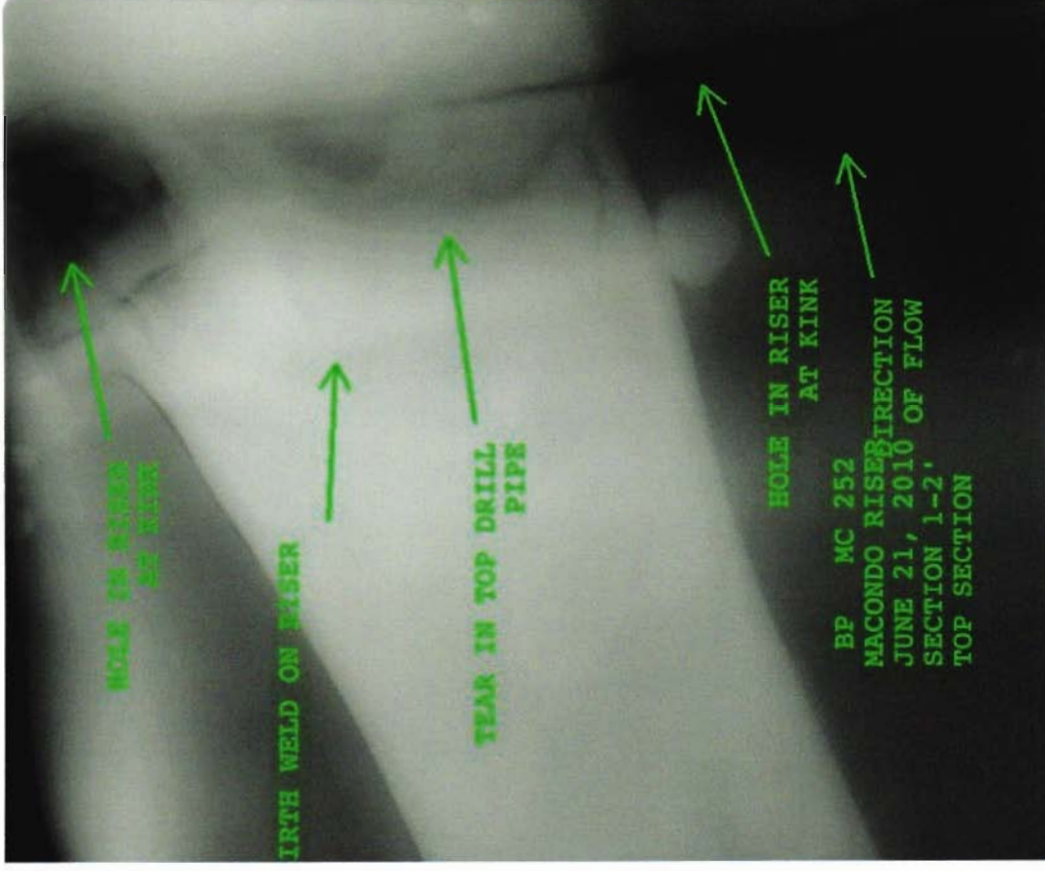


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR1-2 top



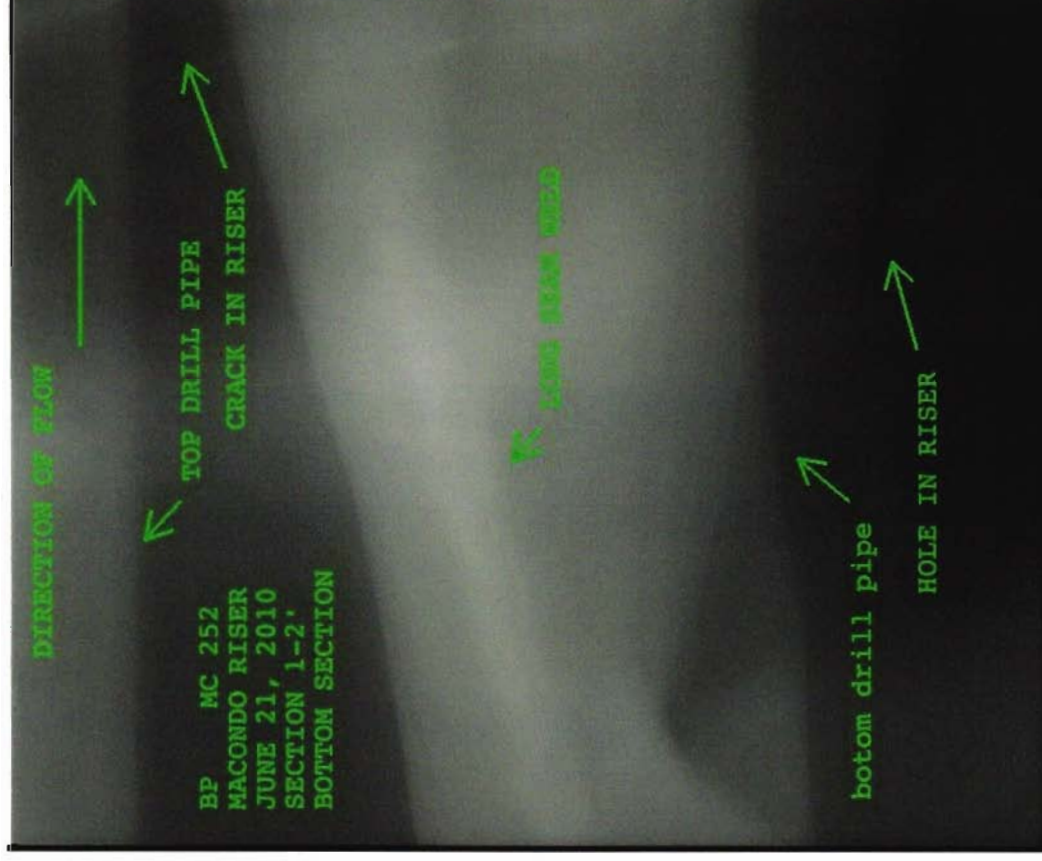
BP MC 252
MACONDO RISER
JUNE 21, 2010 OF FLOW
SECTION 1-2,
TOP SECTION



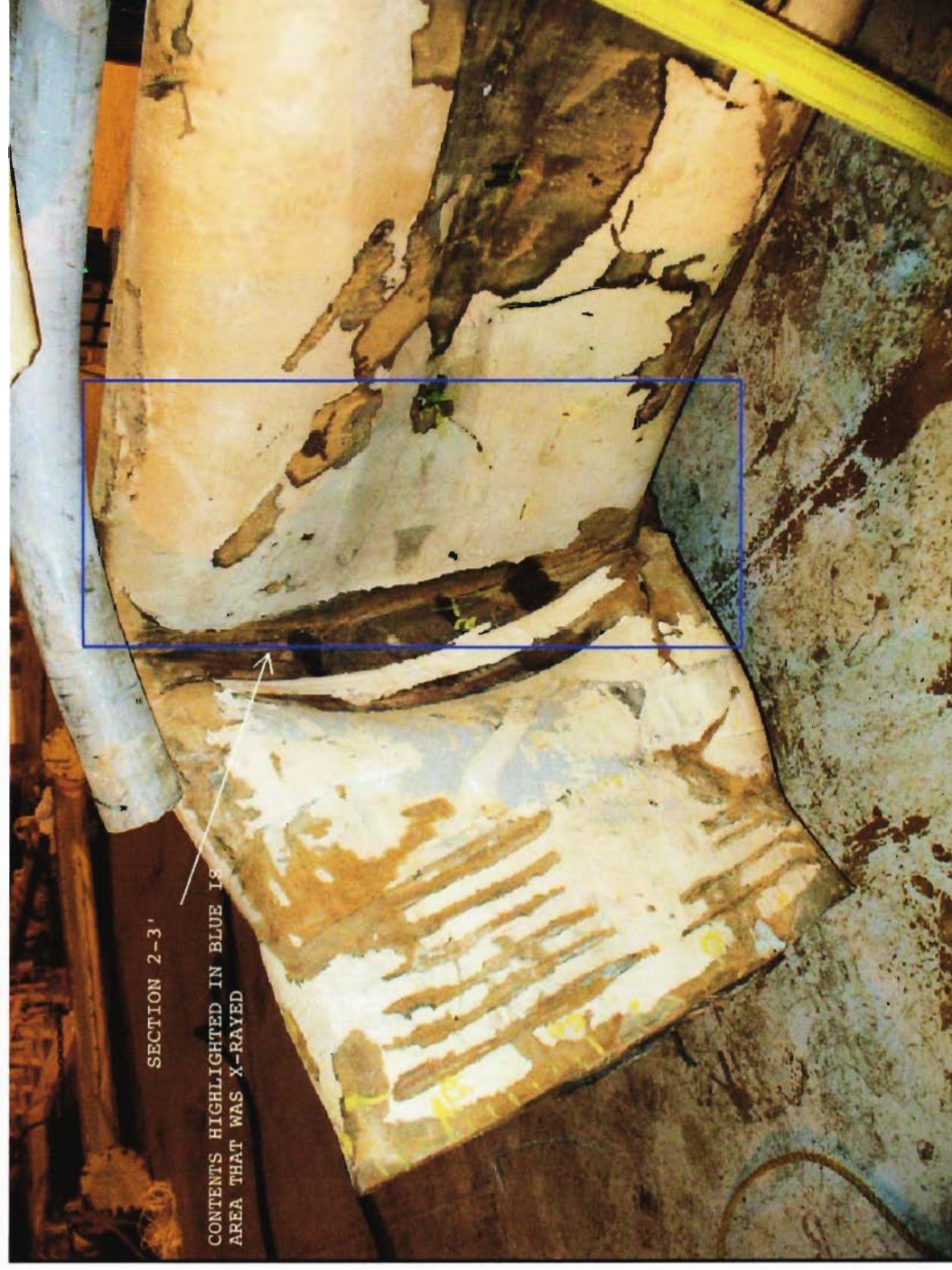
Creating a Sustainable Leadership Position in Integrity & Reliability Management

EPT

CR1-2 bottom



CR2-3



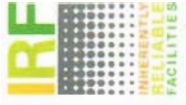
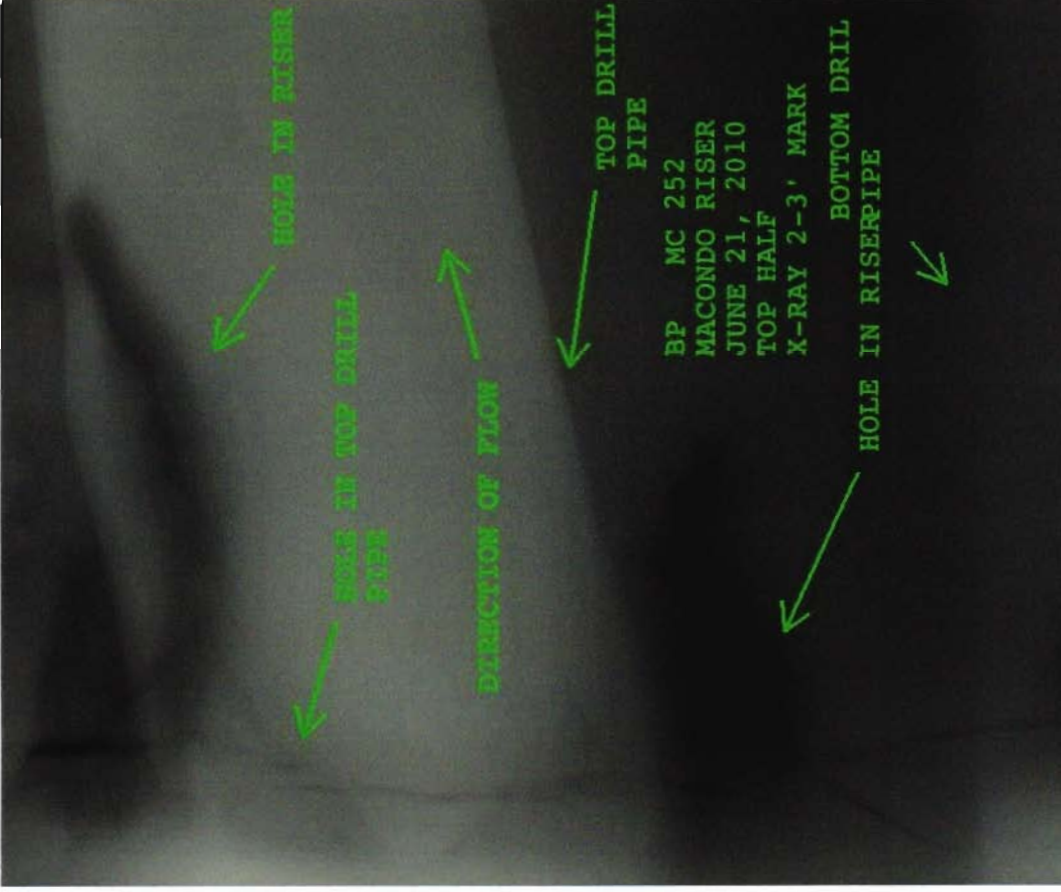
EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management

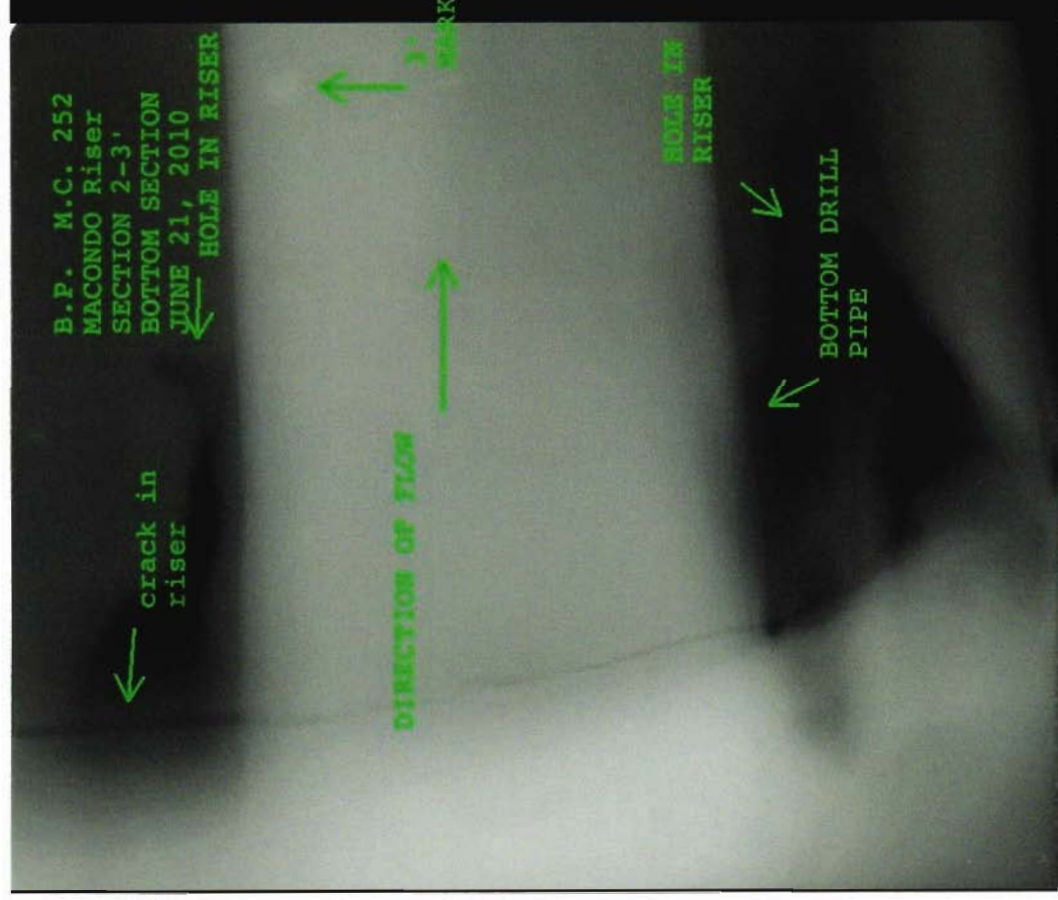


CR2-3 top

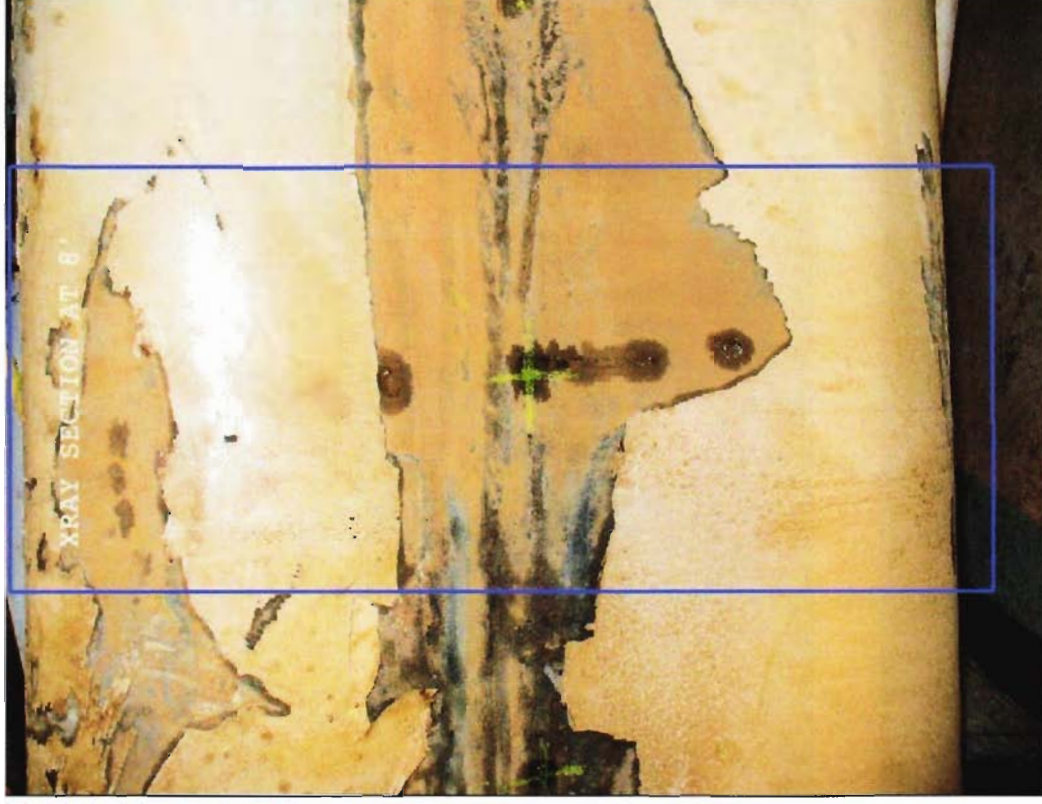
bp



CR2-3 bottom



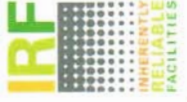
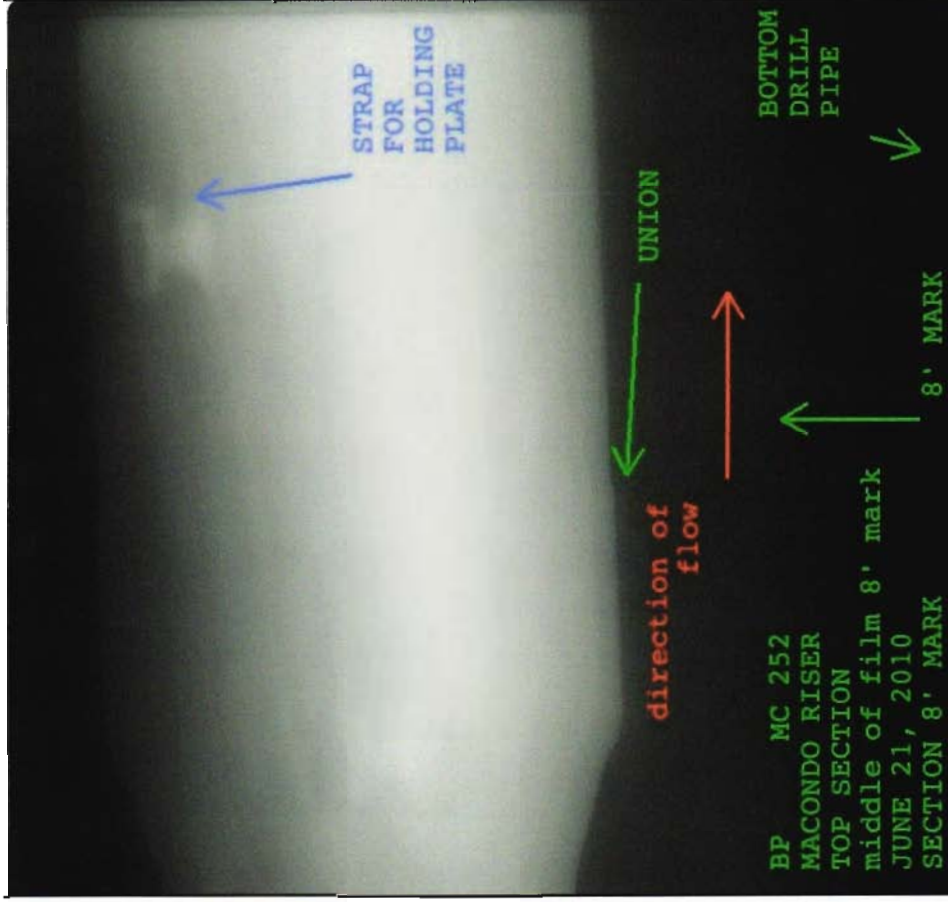
CR 8



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management

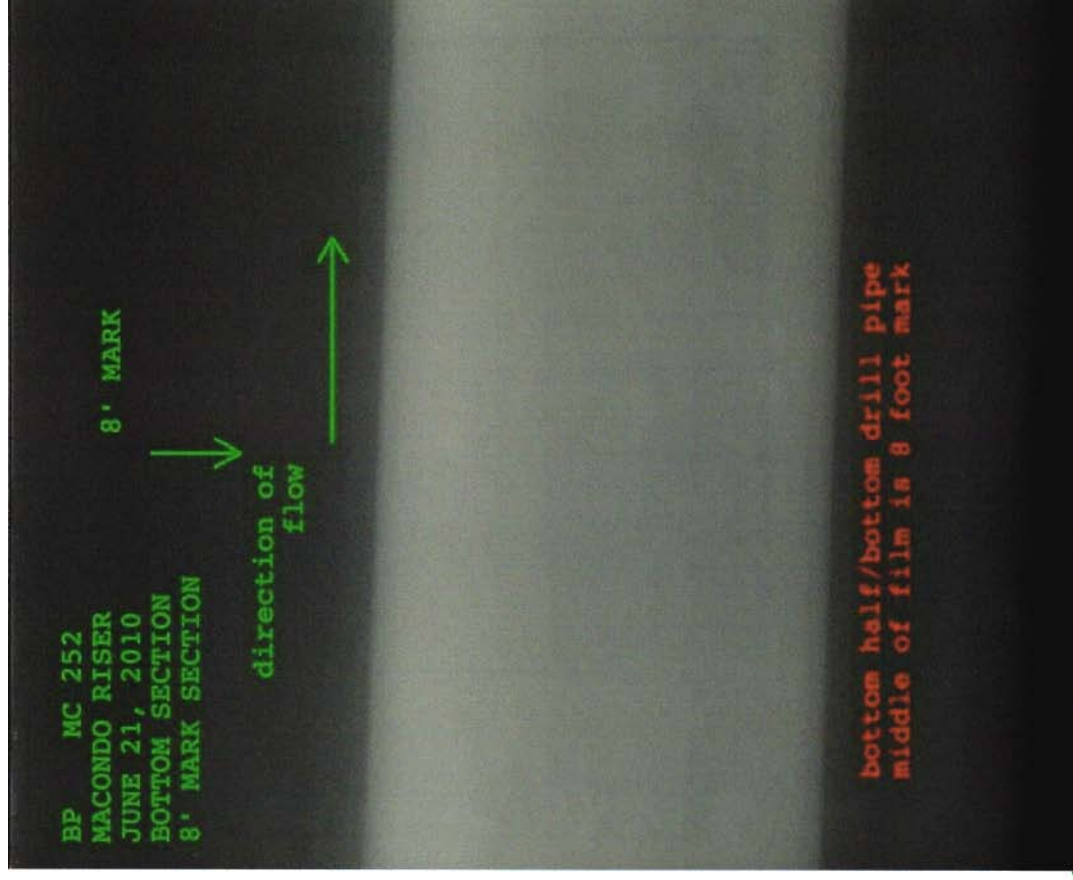
CR 8 top



EPT *Creating a Sustainable Leadership Position in Integrity & Reliability Management*

CR8 bottom

bp



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11

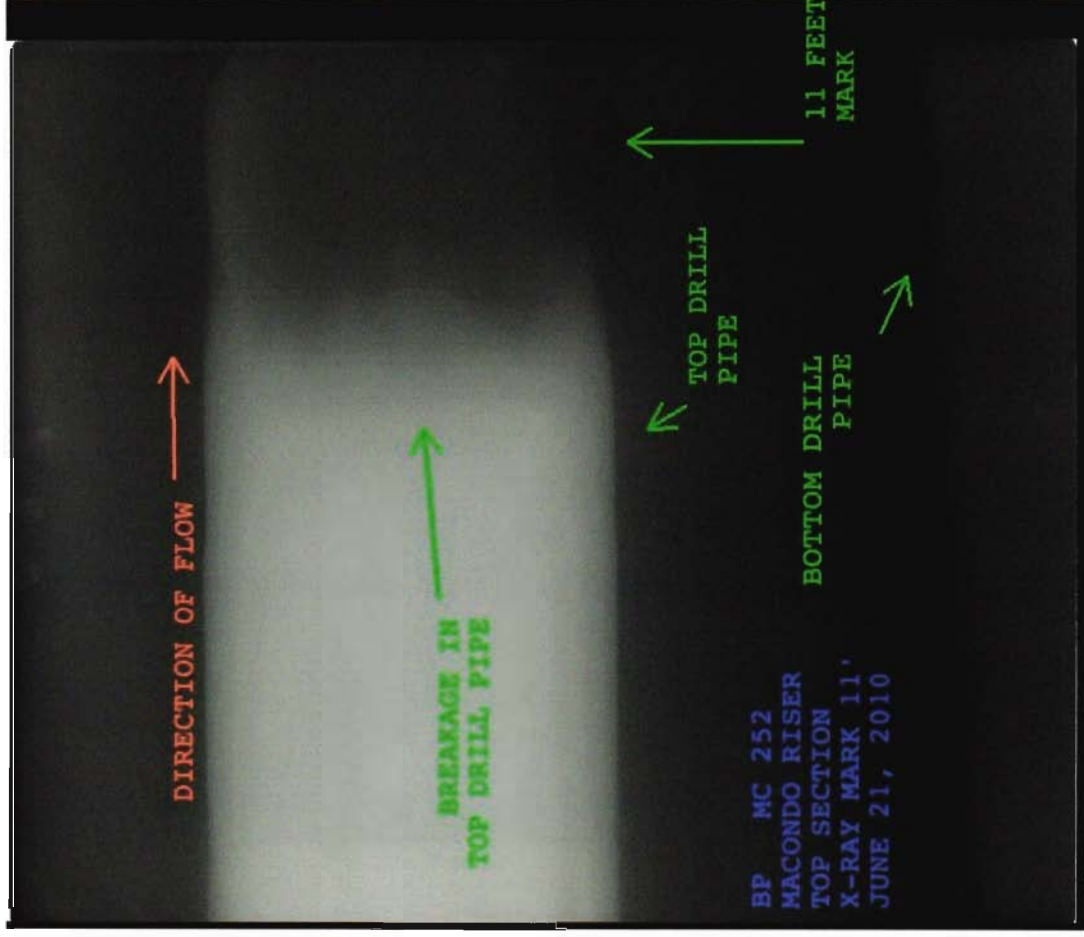


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11 top

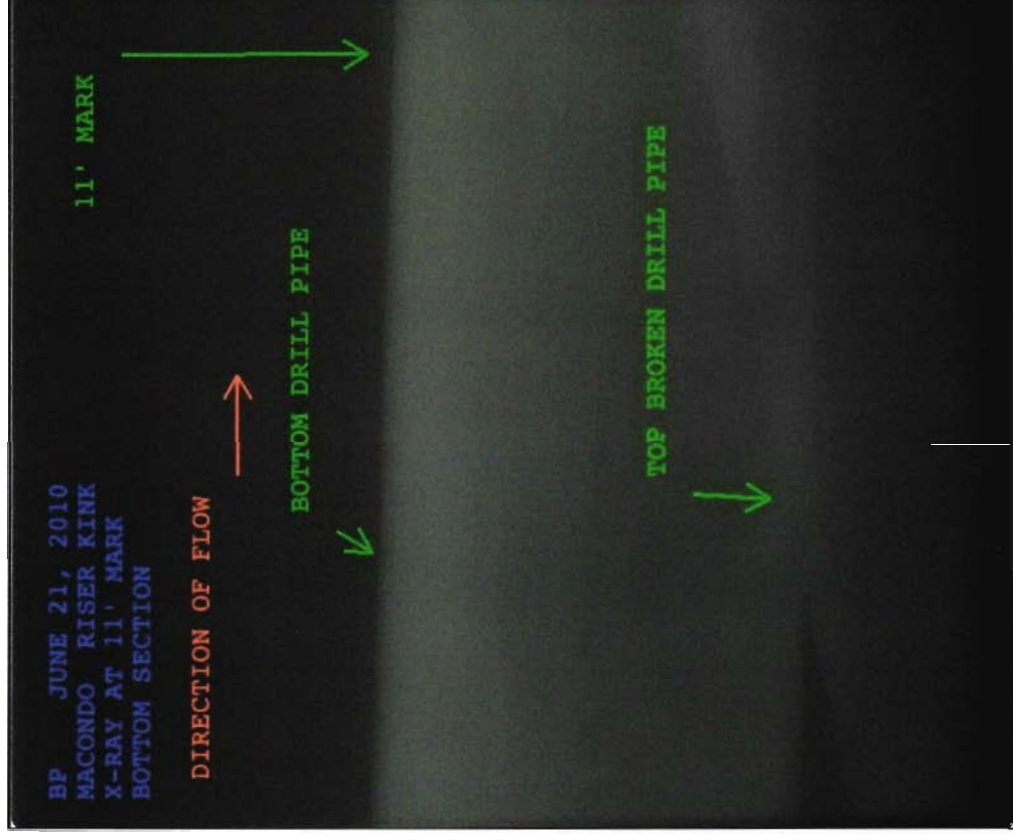


EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



CR11 bottom



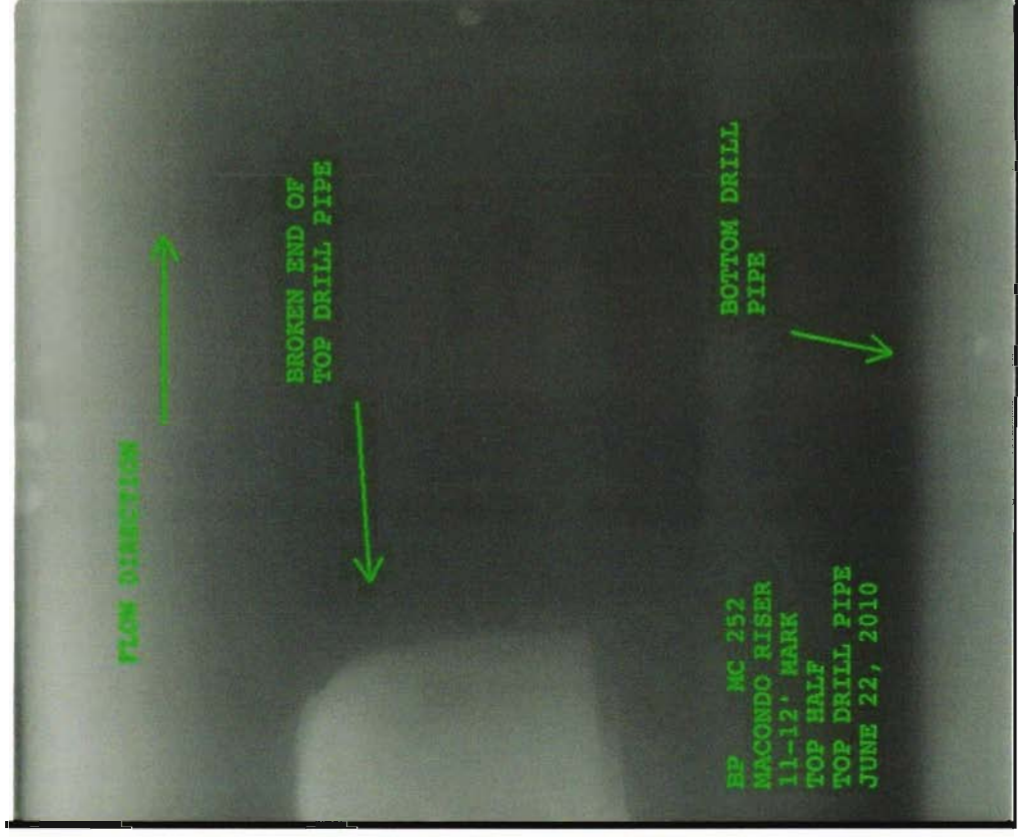
CR11-12



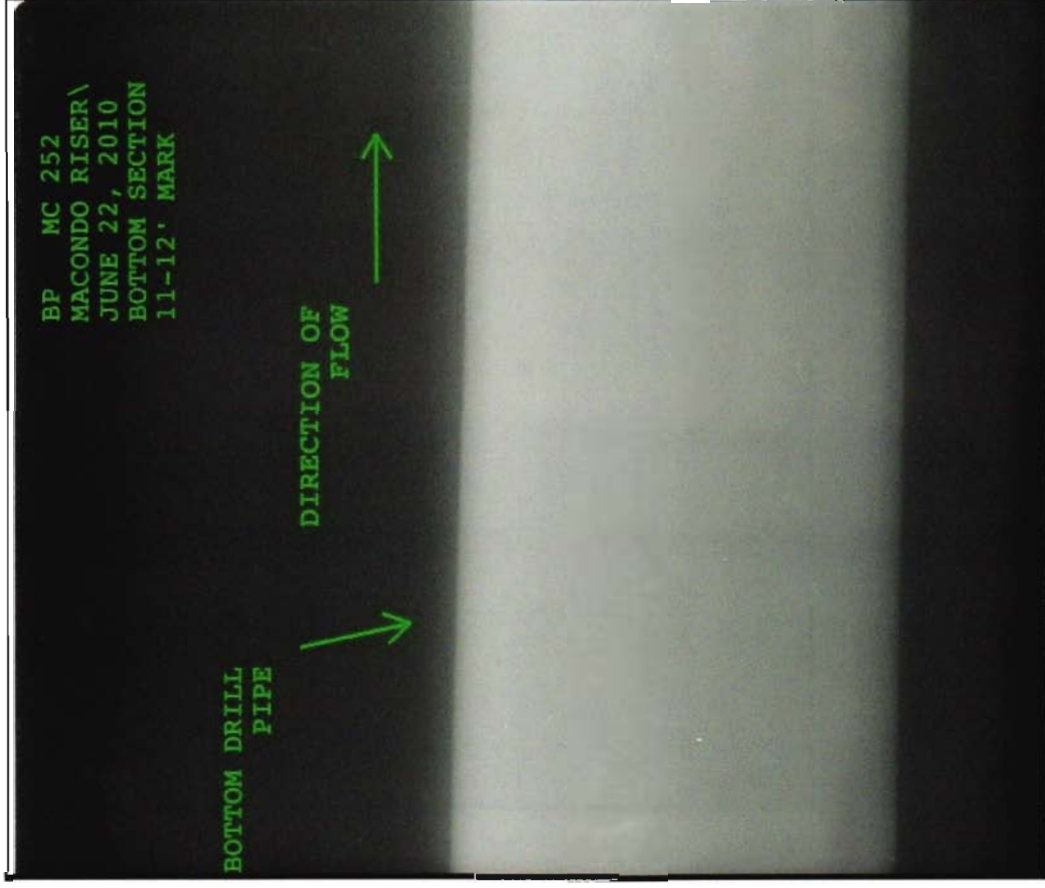
EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management

CR11-12 top



CR11-12 bottom



CR31

bp

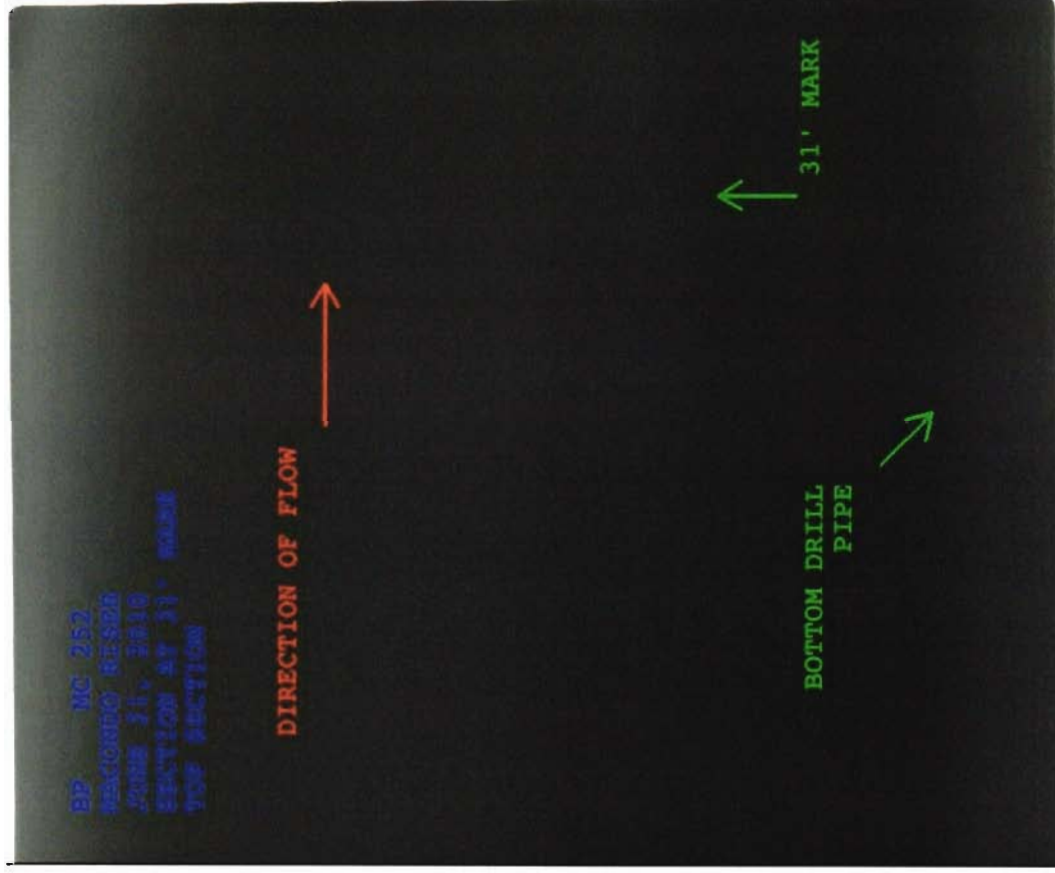


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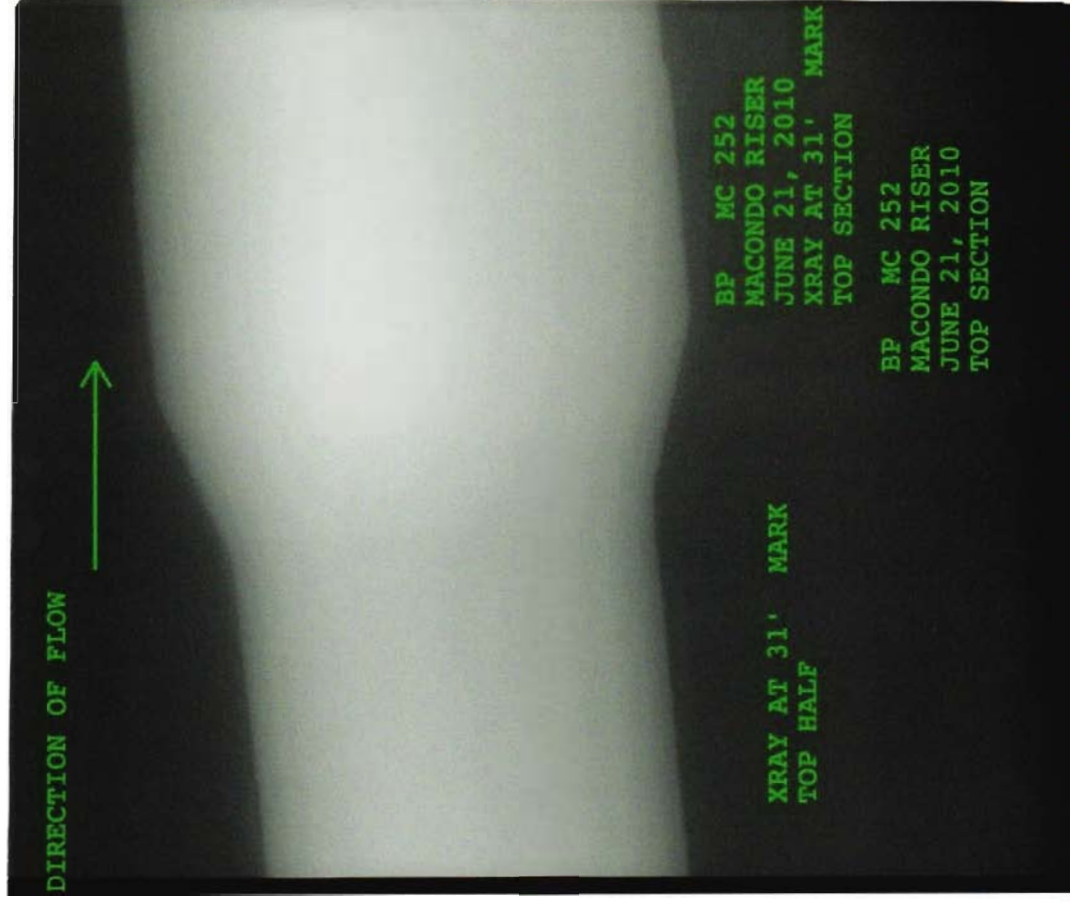
Creating a Sustainable Leadership Position in Integrity & Reliability Management

IRF
INHERENTLY
RELIABLE
FACILITIES

CR31 top



CR31 bottom



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management

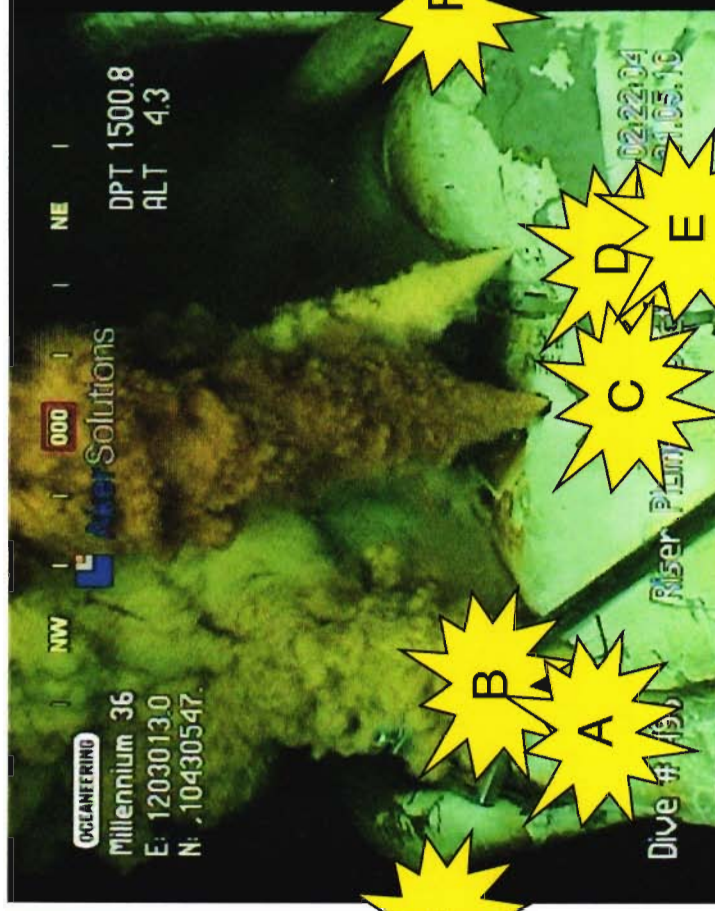


Riser Overview Sub Sea





bp

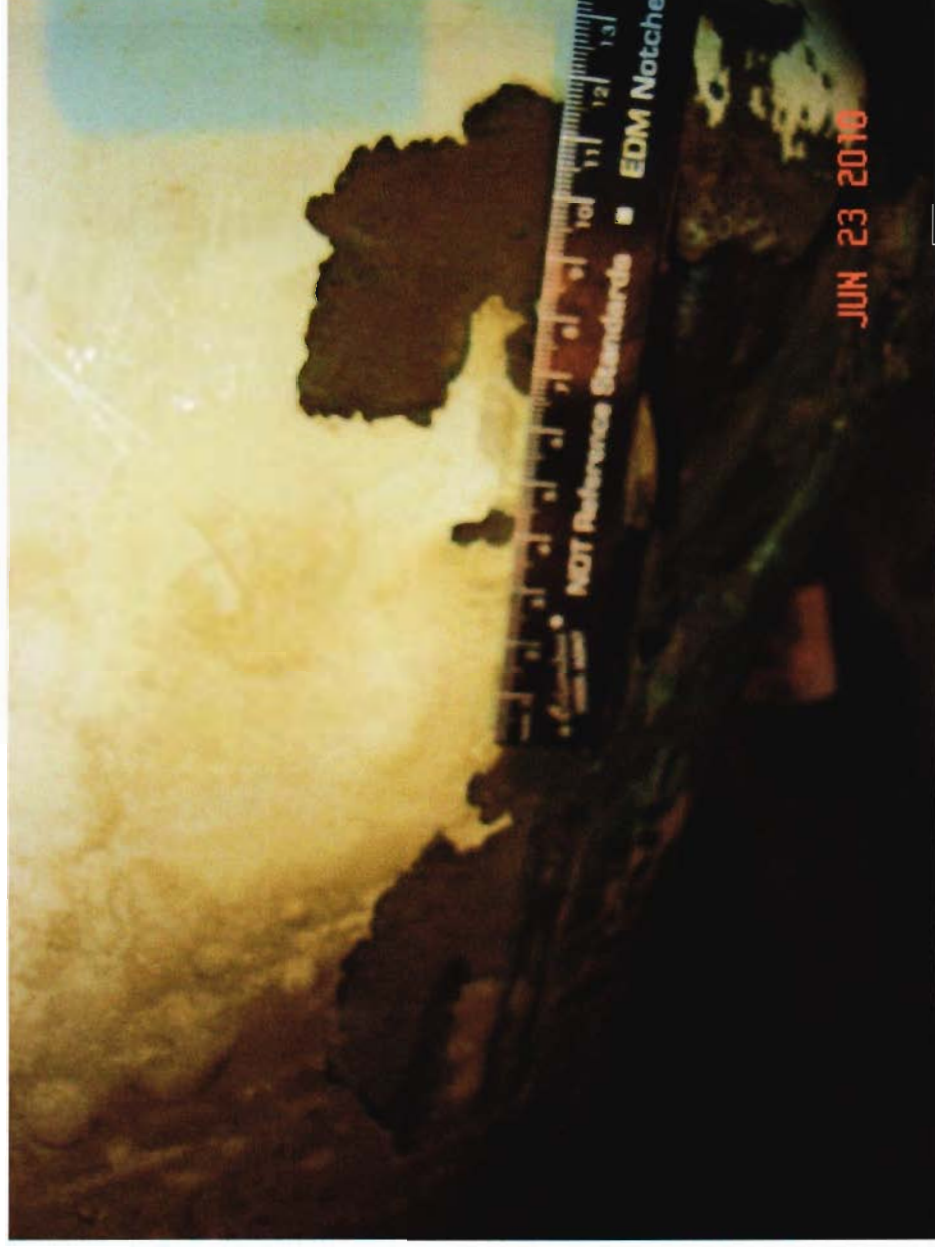


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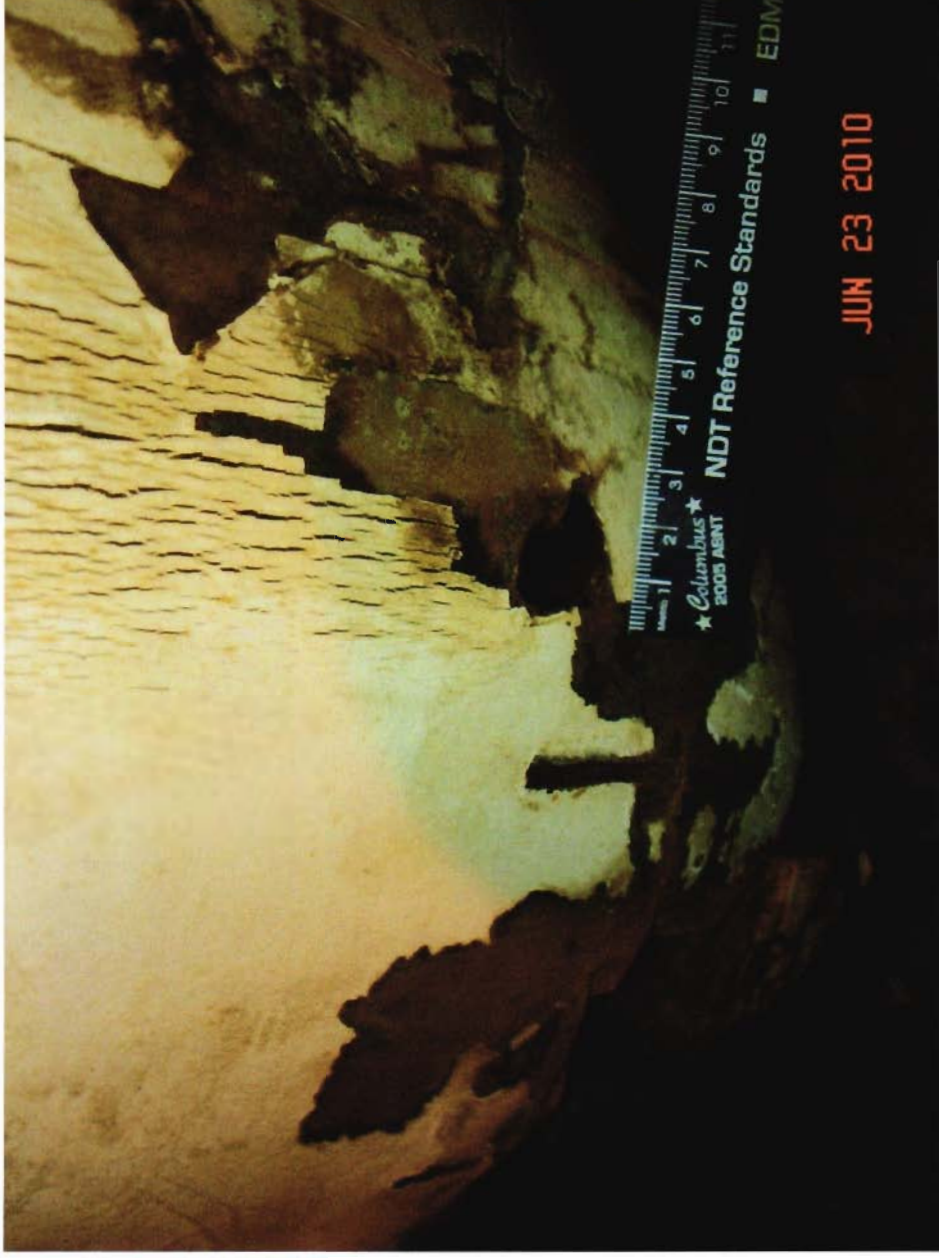
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Hole A



Hole B

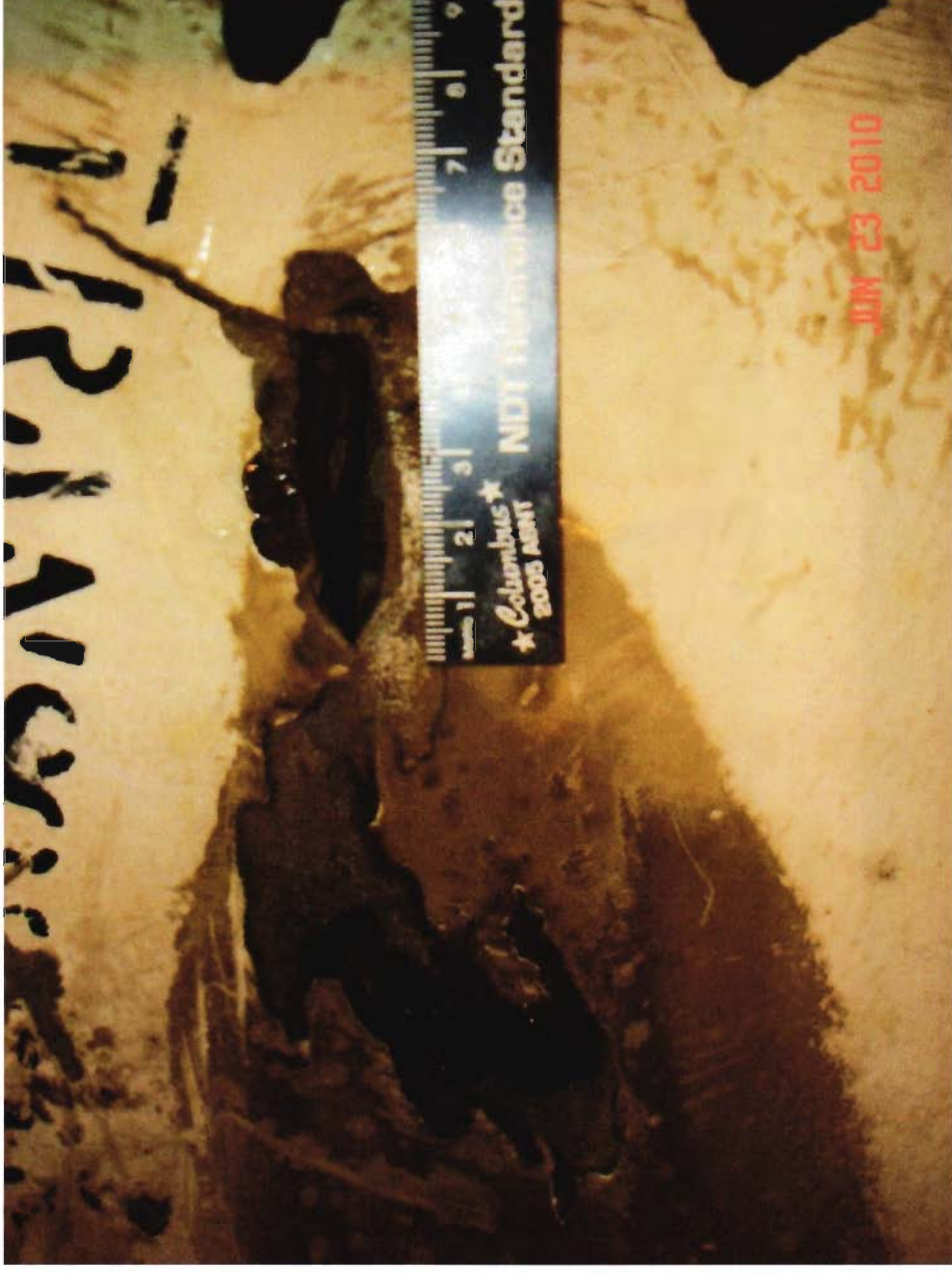


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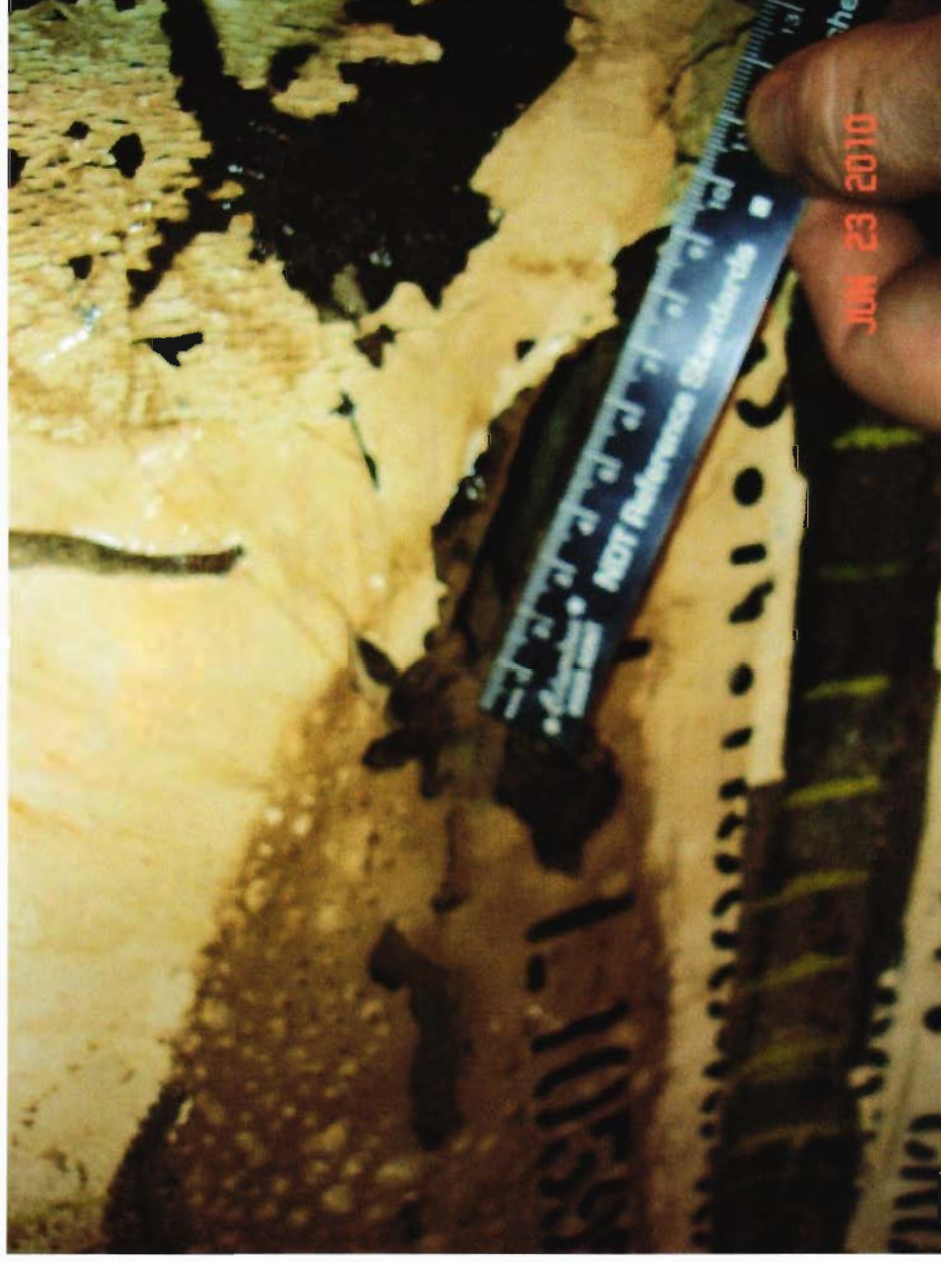
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Hole C



Hole D



EPT

Creating a Sustainable Leadership Position in Integrity & Reliability Management



Hole E



Hole F





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